

Samuel S. Johnson, MBA, PE Overview

Current

Beginning in October 1998, COO, received promotion from VP to COO in 2006, of Section 29 synfuel management company for four Fortune 100 investors whose \$100 million dollar investment in four synfuel plants produces and markets approximately 12 million tons [nearly 50% of the production in the State of Indiana] of synfuel to over a dozen Midwest utilities. Duties include engineering [mining, coal preparation, thermal drying, material handling, governmental compliance, and chemical change monitoring], safety, legal and litigation, operational planning and construction management, financial analysis and modeling, contract negotiations and administration, and is a principal interface with limited partners' counsel and general partners. Reports to President of management company, active participant in meetings with general and limited partners, and prepares annual budgets and capital requests presented to partnership for approval.

General Consulting Skills

Provided management and engineering services to a variety of clients, which include natural resource companies, insurance companies, members of the legal community, and others. Tasks include general engineering, with specialty in mining, financial analysis and valuation, acquisitions & divestitures, land management, safety, and general management consulting. Recent assignments include estate valuations and valuations of mineral companies for a closely held purchase.

Employment History

In 1989 was founder, owner, and president of a consulting firm located in Kentucky; however, in late 1998, a client, Carbontronic Fuels Management, LLC, presented an opportunity to sell assets of company, assign building lease and offer employment to several employees in exchange for becoming an officer of the synfuel management company.

From 1977 to 1989, various management and executive positions with publicly traded energy companies. Duties ranged from coordinating expansion of acquired operations, corporate reporting, planning, and budgeting. Responsible for capital construction oversight, and lease acquisition and administration. Identified and evaluated acquisition candidates. Conducted operational, environmental, and safety audits. Assisted in the eventual sale of the mining and railroad operations. Provided, presented and prepared information for SEC filings and board meetings. [Transco Energy {Jack Bowen, Chairman; Jim P. Wise, COO} and General Energy {Robert G. Stone, Jr., Chairman; Tony Woormer, President}]

From 1975 to 1977, served as the #2 state mine safety official in the Commonwealth of Kentucky. Exposed to all mines in the state, prepared budgets and presentation to the Governor, participated in the legislative process. Responsible for over 100 employees. Today remains active from behind the scenes in the legislative processes, and is well respected with state and federal regulatory officials.

From 1973 to 1975, served as safety engineer and chief engineer for coal

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mining operation near Vansant, Virginia. [Today owned by Sun Coal.]

From 1968 to 1973, various engineer trainee and underground miner positions in coal mines in Southeastern Kentucky during undergraduate engineering studies.

Education

Masters of Business Administration

Xavier University, 1978.

Bachelor of Science in Civil Engineering, Mining Option

University of Kentucky, 1973.

Certifications

Registered Professional Engineer, 1978

Kentucky Registration No. 10131

First Class Mine Foreman, 1974

Kentucky, Certificate No. A-404-74

First Class Mine Foreman, 1974

Virginia, Certificate No. 3394

First Class Mine Foreman, 1973

Tennessee, Certificate No. 1907

Detailed Experience

Consulting:

JMC & Associates, Inc.

P.O. Box 498

Burgin, KY 40310

Current Position:

Company has been dissolved but SSJ does limited advisory work

In addition to those described in synfuel activities for Carbontronics Fuel Management, LCC, Mr. Johnson coordinates and participates in all aspects of mining and civil engineering studies, as well as, business services for those limited JMC consulting assignments that are undertaken that are not in conflict with his duties as COO of CFM. Expertise includes underground mine design and closure, mine fires, explosions, valuations, feasibility studies, cost and market analysis, mineral valuation, and land and mineral management. Provides expert testimony in the fields of mining, construction and safety engineering.

1988-1989:

TTI Systems, Inc., Transkentucky Transportation Railroad, and Transcontinental Terminals, Inc.

(a unit of publicly held Transco Energy)

Lexington and Paris, Kentucky

Executive Vice President

Integrated the "entrepreneurial styled" short line railroad unit into TCC management systems, addressed operational, environmental, financial, and

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safety issues in preparation for sale of excess real estate, and eventually the subsidiaries. Presented offers to purchase to parent senior management & board of directors.

1986-1988:

Transco Coal Company
(a sub of Transco Energy, Jack Bowen, Chairman; Jim P. Wise, COO)
Richmond, Virginia
Vice President, Planning & Development

Provided corporate oversight and reporting for operating companies, including safety performance. Developed strategic marketing plans, operating and capital budgets. Identified and evaluated acquisition candidates. Supervised engineering and environmental contractors. Assisted general counsel in divestiture of selected mining operations. Represented company on national industry committees and organizations. Participated in parent corporate functions, including board meeting and investor road shows.

1982-1986:

Transco Coal Services Company
Lexington, Kentucky
Vice President, Planning & Development

Coordinated expansion of acquired operations, corporate reporting, including 10k and annual report, planning and budgeting. Responsible for capital construction oversight, lease acquisition, and administration. Identified and evaluated acquisition candidates—lead investigator on due diligence; significant acquisition was what is today, James River Coal Company. Conducted operational, environmental, and safety audits. Managed overall mine planning and design. Managed office of nine employees, whose duties ranged from engineering, to cost and sales accounting to data processing. Supervised \$40mm capital budget program, which included new mines, coal preparation plants, rail sidings and coal loading and blending facilities.

1977-1982:

General Energy Corporation
(Robert G. Stone, Jr., Chairman and Anthony C. Woomer, President)
Lexington, Kentucky
Director of Planning and Development

Served as Director of Planning and Development for the publicly held coal mining and oil and gas concern. Duties included land and mineral management, and acquisitions and divestitures. Responsible for the property section of 10k, assisted in the preparation of SEC documents, including 10k

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and annual report. Was the operational contact with Citibank [Jamie McClain] for corporate loans, divestiture models and valuations, presentations, and data rooms.

1975-1977:

**Kentucky Department of Mines and Minerals
Lexington, Kentucky
Deputy Commissioner**

Served as Deputy Commissioner of the state mine safety organization. Duties included supervision of district inspection offices, reviewed and approved mining plans, mine entry, shaft and slope plans. Participated in mine rescue operations. Assisted in miner training and certification, mine fires, and explosion investigations. Member of mine rescue and recovery operation at Scotia Coal Company in 1976, and member of the Governor's Deep Mine Safety Commission. Today, maintains contact and good relations with agencies employees, many of whom were hired during his term of office, and federal mine safety agencies.

1973-1975:

**Vansant Coal Corporation
(today a unit of Sun Coal)
Vansant, Virginia
Safety Engineer / Mining Engineer**

Improved safety performance at an operation that had recently experienced a mine explosion. The results included a National Mine Rescue championship and an integrated operations team that included safety, engineering, and management. As mining engineer, supervised engineering department staff, contract mining program, and lessor inspection.

1968-1973:

**Blue Diamond Coal Company / Scotia Coal Company / Consolidation
Coal Company
Leatherwood, Oven Fork & Middlesboro, Kentucky
Co-Op Activities**

During undergraduate years, gained practical underground mining experience. Assignments ranged from general inside laborer, equipment operator, surveying crew, safety training and during 1973 served as a section foreman for an eight section underground gassy coal mine.

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Tennessee, Certificate No. 1907

Community Service:

University of Kentucky

Department of Mining Engineering

Mining Engineering Foundation

Has served with distinction on this coal industry advisory board as Director since its formation, Chairman of Nominating Committee, Former Chairman of Fundraising Committee, Former Chairman of the Board.

University of Kentucky

College of Engineering Alumni Association

Has served on the engineering advisory board as director, representing mining engineering, and as Chairman of the Board.

Kentucky Society of Professional Engineers

Has served as member and as Chairman of the working group, Professional Engineers in Mining, and was named Professional Engineer in Mining Distinguished Member.

Society of Mining Engineering, Central Appalachian Section of American Society of Mining Engineers

Has served as member since 1971, and in various officer positions including Chairman of CAS.

Various Organizations

Has served as member and officer of various organizations in the coal industry in general and business community of Kentucky.