

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

GARY GARTENBERG, P.E. Civil & Petroleum Engineer

PROFESSIONAL EXPERIENCE

2011 to **Robson Forensic, Inc.**

present *Associate*

Provide technical investigations, analysis, reports, and testimony toward the resolution of gas/oil well drilling and development, commercial and personal injury disputes and litigation.

2011 to **Fournier, Robson & Associates, LLC**

present *Civil/Mining Engineer*

Provide consulting engineering services in the field of abandoned mines and civil engineering.

1992 to **Gartenberg Engineering/Associates, LLC**

2011 *Managing Member*

Provided consulting engineering and expert services in the areas of mining and civil engineering.

Mining engineering casework included historical research, site hazard assessment, emergency collapse assessment, geotechnical testing, geophysical testing, engineering design for stabilization and closure, preparation of mine closure plans, implementation of mine closure plans, construction project management of mine remediation, and expert testimony.

Representative clients for mining engineering services have included the State of New Jersey, Morris County, United States Army, Rockaway Township, Borough of Ringwood, Roxbury Township, Mine Hill Township in addition to private developers. Acted as Rockaway Township's mining engineering consultant for the last 15 years.

Evaluated construction defects for building and site construction elements. Services included initial assessment, forensic analysis reports, documentation for litigation, preparation of engineer's estimates, design for remedial correction, and expert testimony. Also provided assistance to owners in arbitration, mediation, and litigation with contractors and project sponsors.

Provided for community associations: engineering and feasibility studies; engineering design and specifications; project bidding; project construction management; site plan approvals; economic evaluations; and code and standards compliance evaluations. Also performed project-wide studies and analyses of specific construction deficiencies. Associations vary from conventional multi-family townhouse and condominium projects to midrise projects.

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Building component areas included: roofing; siding; EIFS systems; foundations; decks; protective coatings; utility systems; wood structural analysis; and fire retardant treated plywood. And site-related areas included: concrete; asphalt pavement; drainage; retaining walls; and site plans.

1988 to **Frost Christenson & Associates, Inc.**

1992 *Project Manager*

Prepared design documents, technical specifications and proposals for engineering services for multi-family residential buildings and sites. Generated reports on construction defects and deficiencies, failure analysis, economic analysis; remedial design and retrofit, codes and standards compliance for residential and light commercial structure and site construction. Prepared transition studies and capital reserve schedules for community associations. Provided services for highway design, site design, drainage improvements, retaining walls, residential structural design and component replacement.

1987 **Edwards & Kelcey, Inc.**

1988 *Highway Engineer*

Provided design engineering services: horizontal and vertical roadway alignment; site design; grading; drainage; traffic control devices and guide rail; engineer's estimates. Developed conceptual design for a two-story coin handling facility for a toll road.

1985 to **Chevron USA, Inc.**

1986 *Field Production Engineer*

Provided field petroleum engineering and design and services, and technical support for crude oil natural gas production operations for the state of Montana in the Williston Basin. Engineered well workovers and remedial well work, major facility equipment changes and modifications. Monitored crude oil and natural gas production and costs.

Conducted a major engineering analysis of production operations in the state of Montana including: artificial lift systems design; secondary recovery water flood injection alignment; pumping unit power consumption; crude oil chemical treating for sale; corrosion studies; determination of economics for marginal producing wells.

1981 to **Gulf Oil E & P Company, Inc.**

1985 *Petroleum Engineer*

Performed all field engineering involved with crude oil and natural gas production from initial well completion through well abandonment and location reclamation in the Williston Basin in North Dakota and Montana. Included coordinating, supervising and engineering: new well completions; well workovers and remedial work; well stimulation; construction of production locations and facilities; major facility

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equipment repair and modification; monitoring of oil and gas production and costs through sales point.

PROFESSIONAL CREDENTIALS

Registered Professional Engineer: Pennsylvania, New Jersey, Wyoming (Retired), Colorado, Texas, New York

NCEES (National Council of Examiners for Engineering & Surveying)

EDUCATION

B.S. Mineral Engineering (Civil major/Geological minor), Colorado School of Mines, 1981

Continuing Education:

Fracking Under Pressure: Crucial Litigation Tactics You Need To Know, National Constitutional Center Conferences, January 2012

Hydraulic Fracking; Technology, Economic, Health and Safety Issues, Marzzo Engineering, January 2012

10 Hour OSHA Construction course, University of South Florida, August 2011

30 Hour OSHA Construction course, University of South Florida, August 2011

PROFESSIONAL MEMBERSHIP

American Society of Civil Engineers

PUBLICATIONS

“Correct your venting and maximize your roofing project,” NJ Community Trends, July 2002

“Contractor Selection – Looking for the free lunch,” NJ Community Trends, September 1996