

E. GAYE HAGER
PRINCIPAL TECHNICAL ANALYST

Ms. Hager has held numerous positions with Stagg Resource Consultants, Inc. ("STAGG") and its predecessor companies. These include, among others, manager – drafting, director – energy information services, vice president – project administration, and vice president – technical services. She is currently executive vice president and chief operating officer, managing STAGG's technical resources group, project administrators, and administrative staff. Ms. Hager has over 40 years experience in the mining industry with an emphasis on cost and operational analysis, environmental site assessments and audits, litigation support, and economic evaluations and feasibility studies. She has been with the firm since 1981.

PROFESSIONAL EXPERIENCE

In January 2004, Ms. Hager was promoted to executive vice president. In 2012, she accepted the position of chief operating office. Her responsibilities in this position include coordinating and scheduling major project activities, overseeing the management of the firm's administrative and technical functions, and maintaining the firm's procedural and professional standards. Additionally, she is the lead research analyst in many of the litigation matters in which STAGG provides support and expert testimony, routinely reviewing and analyzing tens of thousands of pages of documents.

Ms. Hager is a skilled **researcher** in her own right, as well as a veteran supervisor of STAGG's research group. Her experience in this regard includes research into public land records, research and background investigation into federal leasing files and federal leasing procedures, research into state and federal environmental data bases, research into state and federal regulatory data bases, and research into a variety of other sources.

Her experience in **operational and cost analysis** includes the continuous upgrading and refinement of STAGG's surface and underground computer costing models, which she was instrumental in developing and refining. Her involvement in costing and feasibility studies also includes overseeing the acquisition of data to be used in modeling such as labor-, tax-, and capital-related matters. She participates in costing and economic feasibility studies including properties and operations in a variety of natural resources – coal, crushed stone, sand and gravel, and trona, among others. These projects have been completed for properties and operations throughout the U.S. and internationally.

Ms. Hager's experience in **environmental site assessments and audits** includes properties ranging in size from several acres to as much as 250 thousand acres of surface estate and 4.5 million acres of mineral estate. Her participation includes overseeing the research into all environmental data bases and compiling the information, coordinating the activities of the project's environmental professionals, and ensuring that the projects

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meet the standards for conducting All Appropriate Inquiries as defined in 40 CFR, Chapter I, Part 312, and are in general conformance with ASTM Standard E1527-05.

Ms. Hager is particularly experienced in providing **litigation support** in conjunction with the firm's lead expert, Alan Stagg. In this capacity she serves as the liaison between STAGG's professional staff and the attorneys handling the case, overseeing document management and distribution; providing extensive technical support; and assisting during trial.

In April 2002, Ms. Hager assumed the position of vice president – technical services. Her responsibilities in this position included the oversight of all aspects of STAGG's technical resources group including research; operational, cost, and market analysis; AutoCAD® production; environmental site assessments and audits; and litigation support.

In September 1997, Ms. Hager was named vice president – administration where she supervised the secretarial and clerical staff and all aspects of the day-to-day operation of the firm's office in addition to her consulting duties. In August 1995, she was named vice-president – project administration. Her responsibilities included overseeing many simultaneous projects for the firm and coordinating time and personnel assignments between the project administrators and the project managers. She also managed the drafting and technical departments; coordinated all research conducted with state and federal agencies, as well as courthouse researchers; and assisted in the development and implementation of cost studies.

In May 1992, Ms. Hager became director – project administration where she was responsible for the management of projects relating to coal reserve studies, environmental site assessments and audits, permitting, and litigation support. A significant portion of her work consisted of developing detailed surface and underground mine costing models using spreadsheet programs developed by the firm.

In August 1989, Ms. Hager was named director – energy information services for the corporate services group. In this position, she oversaw the development of the firm's industry files and databases including the management of a team of researchers. This work was routinely used during all phases of the acquisition process, ranging from initial evaluations through the detailed work required during due diligence.

In October 1987, Ms. Hager became one of STAGG's project managers in the firm's corporate services group, where she was predominantly engaged in the preparation of operating and mining cost studies in the natural resources industry. Her involvement is evidenced by work she conducted on several multi-client studies of production costs and operating capacity of coal mines in the central portion of the Appalachian Coal Field. In

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these studies, Ms. Hager oversaw the development of the spreadsheet programs used for forecasting mining production costs for the operations studied.

Ms. Hager has been involved in investigating and gathering data for a variety of similar studies, including the oversight of relevant computer programming and the processing of data. Other projects include the preparation of rail transportation and freight-rate district study and the development of a set of regional maps showing the location of coal preparation plants and load-out facilities in the central portion of the Appalachian Coal Field.

In January 1985, Ms. Hager headed up the newly-formed technical services division. Her responsibilities in this position included the management of all drafting, technical, graphics, and computer services. Ms. Hager has a broad range of experience in drafting surveying and engineering plats, maps, and cross sections; the calculation of surveys; courthouse research; and computer applications to the surveying profession. Among her projects were the management and supervision of open-ended drafting contracts with the Geotechnical and Design Division of the U.S. Army Corps of Engineer's Huntington District.

In May 1982, Ms. Hager was appointed manager of the drafting and technical departments. In this position, she was responsible for preparing surveying calculations, assisting in the preparation of all engineering and surveying proposals, and supervising the drafting and technical personnel.

Ms. Hager joined Alan K. Stagg & Associates, Inc., a predecessor company to STAGG, as a drafter in October 1981, at the firm's Charleston, West Virginia, office. Her responsibilities included the preparation and drafting of geologic maps and stratigraphic cross sections and related drafting assignments.

In January 1979, Ms. Hager joined Converse & Associate in Charleston, West Virginia. Her responsibilities included researching and collecting historic data on properties; the calculation of survey data; and the preparation and drafting of geologic and topographic maps, subdivision layouts, and a variety of commercial site plans.

Ms. Hager began her career with Westmoreland Coal Company's engineering division as a drafter in April 1977. Her responsibilities included calculating surveys from data provided by mining engineers and drawing mine maps indicating active mine workings, drainage, air ventilation, and topography.

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Ms. Hager attended Van High School and the Boone County Career and Technical Center, where her principal curriculum was drafting. Continuing education includes the following short courses:

- Financial statements analysis – University of Kentucky
- Business and technical writing workshop – West Virginia State College
- Phase I Environmental Site Assessment seminars – Due Diligence at Dawn Workshops, Environmental Data Resources, Inc.
- ASTM Phase I Environmental Sites Assessment Processes

PROFESSIONAL MEMBERSHIPS

Ms. Hager is a member of the following professional organizations:

- Society of Mining, Metallurgy, and Exploration, Inc.