

JOHN W. SHOMAKER, INC.

GEOLOGY — HYDROGEOLOGY

3236 CANDELARIA, NE

ALBUQUERQUE, NEW MEXICO 87107

(505) 884-2897

RESUME'

John W. Shomaker

PATRIC EXAMINER STOGNER	
EVALUATION DIVISION	
Etch	EXHIBIT NO. 1
CASE NO.	9068

Education

- 1959-1961 New Mexico Institute of Mining and Technology, Socorro
1961-1965 University of New Mexico, Albuquerque
Bachelor of Science Degree, Geology, 1963
Master of Science Degree, Geology, 1965
1965-1966 U. S. Geological Survey, Albuquerque, N. M.
Training Program in Hydrology
1981-1984 St. John's College, Santa Fe, N. M.
Master of Arts Degree, Liberal Arts, 1984
1984-1985 University of Birmingham, Birmingham, England
Master of Science Degree, Hydrogeology, 1985

Professional Activities

- 1965-1969 Hydrologist, U. S. Geological Survey Water Resources Division, Albuquerque. Duties included ground-water inventory field work, well-site geology, aquifer-test data collection and interpretation, water sampling, data analysis and report writing. Major projects included a study of water resources and a drilling project at Fort Wingate Army Depot and a ground-water inventory of DeBaca County, New Mexico.
- 1969-1973 Geologist, New Mexico State Bureau of Mines and Mineral Resources, Socorro. Duties included regional coal resources studies, management of drilling projects, coal sampling, geologic mapping, data analysis and report writing. Major projects were a study of surface-minable coal resources of the San Juan Basin of New Mexico and Colorado, an evaluation of the coal resources of the Ute Indian lands, an evaluation of the coal of the Menefee Formation of northwestern New Mexico, and participation in the Governor's Energy Task Force paper on coal.
- 1973- Consulting geologist, Albuquerque. Ground water studies have included well-site selection, well design, aquifer testing and interpretation, prediction of pumping effects, water-availability studies, design and supervision of monitoring programs, preparation of testimony in water-rights matters, and review of hydrologic reports prepared by others. Principal clients include:

Santa Fe Mining, Inc., Sunbelt Mining Co., Public Service Company of New Mexico, El Paso Natural Gas Company, Chaco Energy Company, The Navajo Tribal Utility Authority, St. Cloud Mining Company, and a number of consulting engineering firms.

Coal studies have included design and management of exploration projects and reserve evaluation for Santa Fe Mining, Inc., The Navajo Tribal Utility Authority, Chaco Energy Company (Texas Utilities), and others.

1976- Adjunct Associate Professor of Geology, University of New Mexico, Albuquerque

Professional License

Registered Geologist, Arizona; Certificate number 16,481.
(There is no registration or licensing of geologists in New Mexico.)

Professional Societies and Certifications

American Institute of Professional Geologists, CPG 2405.
Secretary of New Mexico Section, 1974; President of New Mexico Section, 1976; national Secretary-Treasurer, 1976.

American Institute of Hydrology, Certified Professional Hydrogeologist; Certificate number 315.

American Association of Petroleum Geologists
Founding member of Energy Minerals Division.

National Water Well Association, Association of Ground Water Scientists and Engineers

American Water Resources Association

Geological Society of America, fellow; member of Coal Division and Hydrology Division.

International Association of Hydrogeologists

British Hydrological Society

New Mexico Geological Society
Secretary, 1967; Editor, 1968; co-Editor, 1969; Vice-President, 1970; President 1971.

Albuquerque Geological Society
President, 1982.