

**MICHAEL G. EIDE, PG**

### **Professional Qualifications**

Mike has 26 years of diverse work experience in the injection well, hydrogeology, environmental geology, and petroleum geology fields. Mike has a broad base of experience including the management and execution various types and scales of projects throughout the United States and internationally. Mike also has experience with regulatory agency procedures and protocol through various state programs and the United States Environmental Protection Agency.

Mikes education at Texas A&M University included training in hydrogeology, incorporating well hydraulics, contaminant transport theory and applications, contaminant transport modeling and petroleum geology including seismic acquisition/interpretation and well log analysis. At the University of South Alabama, Mike studied a core curriculum of geology supplemented by training in analytical methods including AA and ICP spectrophotometry, and X-ray diffractometry.

### **Education**

M.S., Geology, Texas A&M University, College Station, Texas; 1993

B.S., Geology, University of South Alabama, Mobile, Alabama; 1990

### **Experience and Background**

2003- Present      Managing Partner and Senior Geologist, Weegar-Eide & Associates, LLC,  
Austin, Texas.

Specific experience includes:

- Project development, geological and hydrogeological assessments, and feasibility studies related to carbon capture and geological sequestration projects in Australia, Canada, Texas, Louisiana, Colorado, Arkansas, and Michigan.
- Project development, geological and hydrogeological assessments, and feasibility studies related to enhanced oil recovery projects in Texas, Oklahoma, and Arkansas.
- Project development, geological and hydrogeological assessments, and feasibility studies related to oil shale recovery projects in Colorado and Wyoming.

- Geological and hydrogeological assessments related to a Class I injection well Permitting and Permit Reissuances in California, Colorado, Louisiana, Oklahoma, and throughout Texas.
- Geologic and hydrogeologic assessments related to a Class II injection well application demonstrations for facilities located in Louisiana, New Mexico, North Dakota, Oklahoma, and Texas.
- Geologic and hydrogeologic assessments related to a Class I injection well EPA No Migration Petition demonstrations for facilities located in northeast Texas and the Texas Panhandle region.
- Geologic and hydrogeologic assessments related to in-situ uranium mining Permits and Permit Area Authorization (PAA) for uranium mines in South Texas and Texas Gulf Coast region.
- Supervision, implementation, and field tasks for a soil and groundwater investigation project at a former agricultural chemical blending plant and current oil industry mud additive processing facility in Houston, Texas and a former Feed Mill in Llano, Texas. The projects included on-site supervision of soil and groundwater sampling tasks, on-site supervision of the drilling and installation of saturated zone groundwater monitoring wells, and report preparation. These projects are currently active.
- Supervision, implementation, and field tasks for a Resource Conservation and Recovery Act (RCRA) Facility Investigation at a copper refinery in Potter County, Texas. The project included on-site supervision of soil and groundwater sampling tasks and report preparation. This project is currently active.
- Supervision, implementation, and field tasks for a Remedial Investigation/Feasibility Study at a fertilizer plant in Hutchinson County, Texas. The project included on-site supervision of soil and groundwater sampling tasks, the drilling and installation of saturated zone groundwater monitoring wells, data evaluation, and report preparation. This project is currently active.
- Project management, work plan preparation, project execution, and reporting, pertaining to various types of environmental due diligence investigations and activities including the performance of over 50 Phase I & Phase II Environmental Site Assessments covering a broad range of facilities and properties in Texas.

1993-  
2003

Project Manager and Project Geologist, Terra Dynamics Incorporated,  
Austin, Texas.

Specific experience included:

- Project management, execution, and reporting related to mechanical integrity and reservoir testing on hazardous and nonhazardous Class I waste disposal wells in Texas, Louisiana, Arkansas, and Kansas.
- Project site supervision and project site administration pertaining to the drilling, completion, remedial workover, cleanout, and stimulation of Class I industrial waste disposal wells in Texas and Louisiana.
- Project management, work plan preparation, project execution, and reporting, pertaining to various types of environmental due diligence investigations and activities including the performance of over 100 Phase I & Phase II Environmental Site Assessments covering a broad range of facilities and properties in the southwestern United States.
- Work Plan preparation, risk-based assessment activities, data evaluation, and reporting related to the State of Texas Petroleum Storage Tank Risk-Based Corrective Action Program (PST RBCA).
- Work Plan preparation, risk-based assessment activities, data evaluation and reporting related to the State of Texas Voluntary Cleanup Program (VCP) and Innocent Owner Program (IOP).
- Work Plan preparation, field tasks, data evaluation, and reporting related to Remedial Investigation/Feasibility Studies (RI/FS).
- Geological and hydrogeological assessments related to a Class I injection well Permitting, Permit Reissuances, and EPA No Migration Petition demonstrations in South Texas, Gulf Coast of Texas, Northeast Texas and the Texas Panhandle Region. Geologic and hydrogeologic assessment related to PAA for in-situ uranium mines in South Texas.

1992-  
1993

Research Assistant, Department of Geology,  
Texas A & M University, College Station, Texas.

Specific experience included:

- Conducted sedimentological and stratigraphical research investigating interbedded carbonate and clastic facies relationships and genetic implications of Guadalupian Series strata in the Permian Basin region of Texas employing large subsurface data sets.
- Conducted sedimentological research including extensive fieldwork investigating modern desert fluvial processes and deposits in Death Valley, California.

1990- Teaching Assistant, Physical Geology Laboratory,  
1992 Texas A & M University, College Station, Texas.

Specific experience included:

- Responsible for administering and teaching two sections (20 students in each) of college Physical Geology Laboratory per semester.

### **Professional Registrations**

Professional Geologist State of Texas, License No. 1730 (2003)  
Professional Geologist State of Nebraska Certificate No. G-0093 (2001)  
Professional Geologist State of Louisiana, License No. 360 (2014)

### **Professional Associations**

American Association of Petroleum Geologists (Member since 1991)

### **Publications**

Eide, M., and J. Mazzullo, 1993, Facies, Depositional Environments, and Stratigraphy of the Queen Formation in North Ward-Estes Field, Ward County, Texas: *in* Gibbs, J. and Cromwell, D., (eds.) New Dimensions in the Permian Basin: West Texas Geological Society Publication No. 93-93, p. 28-42.

Eide, M., and J. Mazzullo, 1993, Depositional Environment and Stratigraphy of the Queen Formation in the North Ward-Estes Field, Permian Basin, American Association of Petroleum Geologists Abstracts and Programs for annual meeting, p. 20.

Malicse, A., J. Mazzullo, and M. Eide, 1992, Depositional Processes and Facies of Trail Canyon Fan Sandflat, Death Valley, California, Geological Society of America Abstracts and Programs, v. 24, n. 7, p. 52.