

Barry Schatz

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EMPLOYMENT HISTORY

Antero Resources (2014- 2018)

Senior Regulatory and Environmental Manager

Responsible for all air permitting, compliance, corporate social responsibility reporting and greenhouse gas reporting for an joint E&P and Midstream Company. Managed a Staff of five professionals.

- Prepared corporate social responsibility reports for 10K financial reporting. Presented results to CEO and CFO officers.
- Responsible for all air permitting, compliance and companywide greenhouse gas subpart W reporting in West Virginia and Ohio. Managed an Air Quality Specialist who assisted in permit review and greenhouse gas reporting tasks.
- Supervised preparation and approved greenhouse gas subpart W reports prior to submittal to EPA.
- Developed company wide LDAR program. Managed a staff of a Field Supervisor and three field technicians who conducted the inspections. Supervised preparation and approval of annual compliance reports for submittal to WVDAQ and OHEPA.
- Developed strategies to comply with Continuous Emission Monitoring System (CEMs) recordkeeping and reporting requirements for NOx emissions at a produced water treatment plant.
- Developed strategies to comply with NSPS OOOOa, JJJJ, and NESHAP ZZZZ regulations.
- Provided comments to US EPA on proposed OOOOa regulations. Provided comments to West Virginia Department of Air Quality on proposed General Permit program.
- Spearheaded Antero's efforts to become member of One Future and EPA Star methane reduction programs

Bill Barrett Corporation (2012- 2014)

Air Quality Specialist

Developed and managed air compliance programs for an Independent Exploration and Production Company

- Responsible for all air compliance in Utah and companywide greenhouse gas reporting
- Developed strategies to comply with NSPS OOOO, JJJJ, and NESHAP ZZZZ regulations.
- Secured Approval Orders and submitted NSR Registrations for wellsites equipment on state and tribal land
- Developed the greenhouse gas subpart W and C data collection and reporting program.
- Developed a strategy to terminate an EPA Consent Decree on tribal land.
- Trained operations personnel to comply with applicable Environmental regulations
- Interfaced with UDAQ, EPA and industry groups providing comment on proposed Ozone non-attainment, and Tribal minor source regulations

Colorado Interstate Gas Company (1998 to 2012)

Principal Environmental Scientist

Developed and managed air, water and waste compliance programs for a major pipeline company.

General Responsibilities

- Responsible for all air, water and waste issues in Wyoming, Colorado and Utah.
- Reviewed new construction plans and developed strategies to comply with environmental regulations.
- Conducted environmental training and auditing.
- Reported to Director of Operations, Rocky Mountain Division.
- Supervised Field Environmental technicians.
- Managed RMP Program

Air

- Responsible for ensuring compressor stations and gas plants are in compliance with Title V operating permits. This includes emissions testing, reporting and recordkeeping.
- Secured construction permits for compressor engines, flares, glycol dehydration units, tanks and ancillary equipment.
- Supervised preparation of Title V applications and dispersion modeling studies for new facilities.
- Developed programs to comply with NESHAP's and completed emission inventories.

Groundwater – Water

- Interfaced with regulatory agencies to achieve risk-based closure for hydrocarbon impacted groundwater remediation projects.
- Negotiated cleanup standards and remedial procedures to achieve cost effective cleanup solutions by natural attenuation methods.
- Completed closure of evaporation ponds, pits and remediation of hydrocarbon impacted soil at gas plants and compressor stations.
- Managed NPDES Compliance Program.
- Prepared consumer confidence reports and managed a water quality-testing program for drinking water supplies at an employee village.
- Managed SPCC Compliance program.

Waste

- Responsible for hazardous and non-hazardous waste disposal.
- Managed PCB testing program for retired facilities.
- Conducted training program for operations personnel on proper waste disposal techniques.
- Developed new solutions for the disposal of wastewater generated at compressor stations and along pipelines.
- Secured used oil storage tank permits.

Environmental Consultant (1996 to 1998)

Self-employed

Provided environmental compliance services to independent oil and gas companies.

- Managed production pit closure project for 133 pits operated by Bonneville Fuels Corporation. Completed sensitive area determination, developed remediation plans, supervised field operations, prepared final reports and interfaced with regulatory agencies for the closure of these pits.
- Secured construction permits for compressor engines and glycol dehydration units.

Marathon Oil Company (1984 to 1996)

Environmental Representative (1989 to 1996, Midland, Texas)

Developed and managed environmental programs in an Environmental and Safety Group of a major exploration and production company

- Supervised hydrogeologic investigations and installation of remediation systems for contaminated groundwater at gas plant and oil field sites.
- Supervised assessment and remediation of contaminated soil at gas plant and oil field sites.
- Developed solid and hazardous waste management programs for the region, this included introduction of an audit program to evaluate waste disposal contractors and securing permits for disposal.
- Developed waste minimization, recycling and handling plans.

- Developed environmental assessment program for oilfield property transfer. Managed Phase I and II environmental assessments for these transfers.
- Conducted Safety and Environmental Training
- Managed regional program for SARA Title III chemical reporting.
- Directed region's NORM disposal program.
- Conducted training for and participated in region's emergency response operations and planning.
- Knowledge of RCRA\SARA\TSCA\CERCLA regulations
- Interfaced with regulatory agency rule making committees on pit closures, waste minimization, recycling and saline damaged soil remediation.

Geologist (1984 to 1989, Littleton, Colorado)

Managed X-Ray diffraction laboratory in an Analytical Chemistry Department.

Chen & Associates (1980 to 1983, Denver, Colorado)

Engineering Geologist

Conducted studies to evaluate geology, hydrogeology and geologic hazards affecting proposed construction sites

Dames & Moore (1977 to 1979, Park Ridge, Illinois)

Engineering Geologist

Performed field studies to investigate site geology for nuclear and fossil fuel power plants.

EDUCATION

- M.S., Geology, University of Colorado, Boulder, Colorado – 1986
- B.S., Geology, Northern Illinois University, DeKalb, Illinois - 1975

SHORT COURSES

- PSD Air Permit Training, Trinity Consultants, 2018
- Natural Gas Processing, Colorado School of Mines, 2010 and
- RMP/PSM Renewal Class, ABS Consultants, 2003
- Engine Combustion Characteristics, GMRC, 2003
- Clean Air Act Workshop for the Oil and Natural Gas Industry, Trinity Consultants, 2000
- Engine Emissions Stack Testing & Analyzer Workshop, Colorado State University, 1999
- NORM in the Petroleum Industry, OGCI, Houston, TX 1995
- 40 Hour HAZWOPER Training, Midland College, 1994
- Excavation Safety Training, Texas A&M University, 1993
- Groundwater Modeling, Permian Basin Graduate Center, 1992
- Hydrogeology, Midland College, 1991
- RCRA Hazardous Waste Management, Texas A&M University, 1991
- Oil Spill Control Course, Texas A&M University, 1990

SAFETY TRAINING

Bloodborne Pathogens Training

Hot Work Permits

Lockout/Tagout

Fall Protection

PSM/PHA Training

Incident Command System Training

Confined Space Entry

NORM and Asbestos Hazards

Vehicle Safety

Respiratory Protection Training

PROFESSIONAL AFFILIATIONS

Sigma XI

COGA, IPAMS, RM Environmental Professionals

Permian Basin Environmental Professionals