



***Harry Anthony, MSc, BSc***  
***Chief Operating Officer, Director***

---

### ***Education***

- |      |  |
|------|--|
| 1973 | MSc in Engineering Mechanics,<br>Pennsylvania State University |
| 1969 | BSc in Engineering Mechanics,<br>Pennsylvania State University |

### ***Professional Experience***

- |                |   |
|----------------|---|
| 1997 -<br>2005 | <b>Anthony Engineering Services</b><br>Consultant to Uranium Industry <ul style="list-style-type: none"><li>• Consultant for several major uranium companies and international agencies.</li><li>• Project evaluation, operations “trouble shooter,” and technical and financial expert.</li></ul>  |
| 1990 -<br>1997 | <b>Uranium Resources Inc</b><br>Senior Vice President, Director <ul style="list-style-type: none"><li>• Oversight of construction, technical aspects, and daily operations of plants and wellfields.</li><li>• Budget planning and forecasting.</li><li>• Property evaluations and reserve estimations.</li><li>• Managed all facets of operations and technical support to achieve production goals: drilling, ion exchange, reverse osmosis, software development, and equipment design.</li><li>• Served on URI Board of Directors from 1984-1994.</li></ul> |
| 1984 -<br>1990 | <b>Uranium Resources Inc</b><br>Vice President Engineering <ul style="list-style-type: none"><li>• Evaluated properties for development.</li><li>• Planned and managed reserve delineation programs.</li></ul>  |

*Professional Experience, cont'd*

- Planned, drilled and implemented construction of wellfields.
- Performed engineering design and managed development of ISL recovery facilities.
- Designed, procured, built and operated:
- 1987 - URI Kingsville Dome Project -- Texas, 5,500 gpm
- 1990 - URI Rosita Project -- Texas, 3,800 gpm

1978 –  
1984

**Uranium Resources Inc**  
Engineering Manager

- Evaluated properties for development.
- Planned and managed reserve delineation programs.
- Planned, drilled and implemented construction of wellfields.
- Performed engineering design and managed development of ISL recovery facilities.
- Designed, procured, built and operated:
- 1979 - URI/Coastal States Bruni ISL Project -- Texas, 500 gpm
- 1980 - URI/Conoco/Framco Benavides Project -- Texas, 850 gpm
- 1981 - Tenneco's West Cole Project- Texas, 1500 gpm (URI full turnkey contract)
- 1982 - URI North Platte Pilot - Wyoming, 50 gpm

1976 -  
1977

**Union Carbide Corp**  
Project Superintendent

- Operated pilot plant and commercial facility at Palangana ISL uranium recovery project.
- Responsible for plant and wellfield operations.

1970 -  
1976

**Union Carbide Corp**  
Project Engineer

- Performed work related to: electrolytic chromium processing involving hi-carbon ferrochrome dissolution with H<sub>2</sub>SO<sub>4</sub> vacuum crystallization, and electrowinning of high purity chrome used in the making of stainless steels

*Professional Experience, cont'd*

- Tantalum/columbium extraction utilizing HF and H<sub>2</sub>SO<sub>4</sub> leach, solvent extraction, precipitation, and calcining to recover rare earths from tin slags smelted in Thailand.

***Summary of In-Situ Leach (ISL) Uranium Projects***

**Uranium Resources Inc**

Gas Hills Project, Wyoming  
Feasibility Study

**Tennessee Valley Authority/Uranium Resources Inc**

Morton Ranch Property, Wyoming  
Feasibility Study

**Power Resources Inc/Uranium Resources Inc**

Highland Operations, Wyoming  
Feasibility Study

**COGEMA/Uranium Resources Inc**

Alta Mesa, Texas  
Feasibility Study

**Mobil/Urangesellschaft**

Holiday-El Mesquite Project, Texas  
Project Evaluation

**Uranium Resources Inc**

Crow Butte ISL Operations, Nebraska  
Feasibility Study

**Uranium Resources Inc**

Haraat ISL Project, Gobi Desert, Mongolia  
Feasibility Study

**Uranium Resources Inc**

Kingsville Dome Project, Texas  
Feasibility Study

**Uranium Resources Inc**

Rosita Project, Texas  
Feasibility Study

*In-Situ Leach Projects, cont'd*

**Energy Fuels**

Reno Creek Project, Wyoming  
Feasibility Study

**Uranium Resources Inc**

Bruni Project, Texas  
Feasibility Study

**Uranium Resources Inc**

Benavides Project, Texas  
Feasibility Study

**Uranium Resources Inc**

Feasibility Study  
North Platte Project, Wyoming

**Hydrologic Resources Inc/Uranium Resources Inc**

Churchrock Project, New Mexico  
Feasibility Study

**Conoco/Urangesellschaft**

Trevino Project, Texas  
Feasibility Study

**Rio Algom Mining Corp**

Smith Ranch, Wyoming  
Technical advice - Wellfield Operations

**Heathgate Resources Pty**

Heathgate's Beverley ISL Project, South Australia  
Feasibility Study

**Kennecott**

Wyoming  
Evaluation of Properties and Claims

**Mestena Uranium LLC**

Alta Mesa, Texas  
Technical advice – permitting

**Anderson & Schwab**

Australia  
Mining Project Evaluation

### ***Publications/Presentations***

- September 2000 "ISL Pattern Reserve Requirements for Today's Spot Price"  
Presenter at The 30th International Symposium on the Process Metallurgy of Uranium  
Saskatoon, Saskatchewan, Canada
- September 1998 "Economic and Technical Aspects of ISL Uranium Mining"  
Two days of lectures sponsored by the International Atomic Energy Agency (IAEA) for third world mining representatives  
Casper, Wyoming
- 1983 "Radiation Workshop"  
Organized and produced one day seminar  
Health Science Center, University of Texas, San Antonio, Texas
- 1979 "Wellfield Operations"  
3rd Annual Uranium Seminar  
Casper, Wyoming
- 1977 "Polythionate Poisoning of IX Resins"  
Presentation at 2nd Annual Uranium Seminar  
Corpus Christi, Texas

### ***Memberships***

- 1970 Registered Professional Engineer  
State of Texas  
#47592
- 1999 - 2000 President, Kingsville Council of the Navy League
- 1998 - 2000 Board Member, Kingsville Chamber of Commerce
- 1998 -1999 Member, Kleberg County United Way Advisory Committee
- 1995 -1996 President, Kingsville Chamber of Commerce
- 1987 - 1988 President, Kingsville Rotary Club
- 1984 and 1987 President, South Texas Section of AIME

***Awards***

- |      |  |
|------|--|
| 1987 | Distinguished Member of the South Texas Mineral Section of AIME  |
| 1999 | Outstanding Citizen of the Year – Kingsville Chamber of Commerce |



***Clyde Yancey, BSc, MSc, PGeo  
Vice President of Exploration***

### ***Education***

1978	MSc Geology, South Dakota School of Mines and Technology
1975	BA Geology Trinity University
1999	Introduction to Groundwater Vistas (Groundwater Modeling) Albuquerque, New Mexico
1995	Process Elements and Techniques, Remedial Investigations/Feasibility Studies
1994	Environmental Geophysical Applications
1992	Resource Conservation and Recovery Act Training Geraghty & Miller

### ***Professional Experience***

1999 - 2005	<b>Maxim Technologies Inc</b> Senior Vice President, Senior Project Manager
1996 - 1999	<b>Yancey &amp; Associates Inc</b> Principal Hydrogeologist
1991 - 1996	<b>Geraghty &amp; Miller Inc</b> Senior Hydrogeologist
1989 - 1991	<b>Geraghty &amp; Miller Inc</b> Hydrogeologist
1983 - 1989	<b>Moore Energy Corp</b> Senior Uranium Geologist

*Professional Experience, cont'd*

1981 - 1983	<b>Mobil Oil Corp</b> Uranium Exploration Geologist
1980 - 1981	<b>Caithness Mining Corp</b> Uranium Mining Geologist
1979 - 1980	<b>Wyoming Mineral Corp</b> Senior Uranium Mine Geologist
1978 - 1979	<b>US Geological Survey</b> Geologist - Uranium & Thorium Division

**USDOE UMTRA Groundwater Project**

Site Manager

Responsible for management and creation of EAs and EISs on state, federal, and tribal lands. These NEPA documents evaluated impacts from remedial investigations and restoration projects undertaken to permanently stabilize uranium mill tailings within engineered impoundments as well as cleanup of associated groundwater efforts. Participated in numerous public meetings to gather public input on these activities.

**USDOE UMTRA Groundwater Project**

Site Manager

Participated in development of a programmatic environmental impact statement (PEIS) used during public scoping meetings held at 24 locations throughout the West. Site-specific groundwater strategies were developed in EAs that tiered off the PEIS.

**Hydrogeologic Assessment of Leaking Uranium Mill Tailings Pond**

Project Manager

Analyzed and compiled all available hydrogeologic data into a site conceptual model. The model indicated that the tailings pond was leaking. The client utilized results of the assessment when negotiating a multi-million dollar corporate acquisition.

**Former Uranium Milling Facility**

Project Manager

Managed the assessment of a groundwater treatment system at the facility. Prepared a mass balance calculation and a two-dimensional MODFLOW groundwater flow model with particle tracking. Submitted the subsequent



reports to the state regulatory agency to support no further action as a groundwater compliance strategy

### **Vanadium Mine and Milling Site**

Project Manager

Managed hydrogeologic evaluation involving three-dimensional flow (MODFLOW) and transport (MT3D) modeling to assess aquifer conditions underlying the site to determine the extent and nature of groundwater contamination.

### **Former Uranium Mill Site**

Project Manager

Provided technical oversight of groundwater remediation planning and implementation for the Hopi Tribe. Attended USDOE-sponsored meetings where remediation planning and implementation was discussed, reviewed USDOE work plans and groundwater flow models, and advised the Tribe on the potential course of action for groundwater restoration.

### **Former Uranium Milling Site**

Project Manager

Managed preparation and submission of an ACL application to the U.S. Nuclear Regulatory Commission (NRC). This work involved flow (MODFLOW) and transport (MT3D) modeling, cost-benefit analyses, and discussions with NRC and the state regulatory agency.

### **Uranium Mill Site**

Project Manager

Utilized a relatively inexpensive groundwater analytical model (QuickFlow) to evaluate the effectiveness of the current groundwater pump and treat system. Developed a technical site conceptual model designed to support the application of ACLs at the site.

### **Former Uranium Milling Site**

Project Manager

Managed preparation and submission of an ACL application to the U.S. Nuclear Regulatory Commission. Work involved groundwater flow modeling (MODFLOW), geochemical modeling, and a risk assessment to determine if the current corrective action plan is ALARA.

*Professional Experience, cont'd***USDOE UMTRA Project**

Department Manager

Managed a multi-disciplinary group of 15 hydrologists, geotechnical engineers, and health physicists (radiological engineers) in support of the USDOE UMTRA project. Responsible for staffing recommendations, report review, budgeting, prioritizing of work, and review and approval of department work products.

**USDOE UMTRA Project**

Site Manager

Managed multidisciplinary site teams for planning, design, remedial action, closure monitoring, and Nuclear Regulatory Agency licensing of six inactive uranium mill tailings sites being remediated under the UMTRA program. Also responsible for preparation of schedules and budgets, site characterizations, regulatory compliance strategies, disposal site identification and characterizations, review of conceptual and final designs, coordination of public meetings, generation of remedial action plans and environmental documents, coordination with state and local agencies, and oversight of construction activities.

**Former Uranium Milling Site**

Project Manager

Managed preparation and submission of an ACL application to the NRC. Work involved flow and transport modeling, cost-benefit analyses, and active discussions both with NRC and the state regulatory agency.

**Geochemical Surveys**

Geologist

Designed, implemented and interpreted reconnaissance and detailed geochemical surveys under the National Uranium Resource Evaluation (NURE) directed by USDOE. The objective of the NURE project was to identify all potential uranium reserves within the United States. The geochemical surveys involved extensive stream sediment and water well sampling.

*Professional Experience, cont'd***Design, Development, and Operation of Well Fields at in situ Uranium Solution Mines**

Senior Geologist

Work conducted at in situ uranium solution mines in Wyoming and southern Texas. Responsible for planning, designing, and developing new well fields; conducting hydrologic testing and analysis; supervising permitting and licensing programs; and monitoring budgets in excess of \$1 million. Following mining of the uranium ore bodies, aquifer restoration was required to return groundwater conditions to baseline values. Aquifer restoration was typically accomplished by extraction of numerous groundwater pore volumes, groundwater treatment by reverse osmosis, and injection of waste streams down deep disposal wells. State agencies and NRC provided regulatory guidance.

***Professional Designations***

1990	Certified Professional Geologist American Institute of Professional Geologists
1992	Registered Professional Geologist State of Wyoming
2003	Registered Professional Geologist State of Texas
	Society of Mining Engineers (SME) of A.I.M.E.
1986 and 1987	South Texas Minerals Section of SME – Vice Chairman; Chairman
1988	South Texas Minerals Section of SME – Chairman
	SME, Environmental Division, Water Resources Committee
	Association of Ground Water Scientists and Engineers, NWWA
1997 - 1998	American Institute of Professional Geologists, New Mexico Section Secretary
	New Mexico Geological Society
	Albuquerque Geological Society

***Presentations***

- December 2001 Alluvial Groundwater Compliance At A Uranium Mill Tailings Site, Ambrosia Lake Valley, NM. In: Proceedings, Northwest Mining Association 107th Annual Meeting, Spokane WA, Erskine, D.W., A.C. Stringer, W.P. Goranson, P.J. Luthiger, and C.L. Yancey.
- 1998 Natural CO<sub>2</sub>-produced acidity in the vicinity of a sulfide ore deposit: Wilson Springs Mine, Hot Springs, Arkansas. Tailings and Mine Waste Conference. D.W. Erskine, C.L. Yancey, E.P. Lawrence, and C.O. Sealy. January.
- January 1998 Groundwater evaluation of the Wilson Springs vanadium mine site, Hot Springs, Arkansas. Tailings and Mine Waste Conference. E.P. Lawrence, D.W. Erskine, and C.L. Yancey.
- January 1997 Natural attenuation of hazardous constituents in groundwater at uranium mill tailings sites. Tailings and Mine Waste Conference. D.W. Erskine, C.L. Yancey, and E.P. Lawrence
- January 1997 Evaluation of groundwater remediation at a uranium mill site in Uravan, Colorado. Tailings and Mine Waste Conference. E.P. Lawrence, D.W. Erskine, and C.L. Yancey
- January 1997 Groundwater compliance - is it possible in this lifetime? Tailings and Mine Waste Conference. C.L. Yancey and J. P. Gibb.

***Publications***

- May 1998 *Groundwater compliance at mining and milling sites.*  
The Professional Geologist



***Curtis O. Sealy, BSc, MSc, PEng***  
***Vice President of Production***

### ***Education***

MSc Civil Engineering,  
Arizona State University

BSc Civil Engineering,  
Virginia Polytechnic Institute

### ***Professional Experience***

January 2006 -  
January 2007

#### **Energy Metals Corp**

Vice President Environmental and Regulatory Affairs

- Responsible for development and implementation of environmental polices and regulatory compliance for firm operations

July 1987 -  
April 2004

#### **Umetco Minerals Corporation**

General Manager

- Responsible for performance of Umetco Minerals Corporation (subsidiary of Union Carbide Corporation)
- Management and technical responsibility for all company functions including design, contracts, negotiations, contractors' performance, health & safety programs regulatory compliance, financial performance
- Successfully completed over \$200 million in Mining & heavy civil construction projects.
- Responsible for technical excellence of design and construction of mining, civil and reclamation projects owned by or under the control of Umetco
- Developed cost efficient, mining, environmental and reclamation solutions , design through construction for all Umetco activities

*Professional Experience, cont'd*

- Prepared cost estimates, schedules and annual budget for construction activities
- Developed and maintained quality assurance/quality control function of the construction programs

1978 -  
1987

**Chen & Associates, Inc**

Vice President and Manager, San Antonio Office

- Managed civil, geotechnical reclamation and design of mining, heavy civil and environmental projects.
- Performed geotechnical and groundwater investigations for earth dams, mining and milling facilities, waste disposal facilities and special projects.
- Also responsible for developing business from 1984 – 1985.

1975 –  
1978

**Shilstone Engineering Testing Laboratory**

Chief Engineer and President

- Responsible for the firm's administrative and technical quality.
- Conducted geotechnical studies and material testing services for:
  - buildings
  - petrochemical facilities
  - port and harbor works
  - dams
  - environmental and groundwater studies for sanitary landfills
  - hazardous waste facilities
  - stability of open pit mines

1971 -  
1975

**Zeff, Cogorno and Sealy**

Vice President

- In charge of operations and served as president of the subsidiary firm, Colorado Testing Laboratories.
- Responsible for the company's financial performance.
- Technical duties, included managing subsurface investigations and material testing for projects in the Rocky Mountain area
  - ranging from subdivisions and warehouses to high-rise structures
  - earth dams and waste disposal projects

*Professional Experience, cont'd*

- Developed quality control and assurance programs for major construction projects, including power plants and large industrial facilities

1965 -  
1968

**US Department of Agriculture**  
Area Engineer

- Responsible for design and construction of soil and water conservation projects including:
  - irrigation systems
  - diversion and storage dams
  - headworks
  - pipelines
  - flood channels and bank protection works
- Provided technical supervision, training and assistance to technicians and engineers
- Performed technical reviews of technicians' and engineers' work

***Publications/Presentations***

*History, Current Status, and Physical Stability of Sodium Sulfate Disposal Facility, Owens Lake, California, Tailings and Mine Waste '98 Conference, Fort Collins, Colorado, January 1998.*

*Groundwater Flow and Chemical Transport at a Disposal Facility Site, Owens Lake, California, Tailings and Mine Waste '98 Conference, Fort Collins, Colorado, January 1998.*

*Lakebed Sediment and Shallow Groundwater Chemistry at the Umetco Sodium Sulfate Disposal Facility, Owens Lake, California, Tailings and Mine Waste '98 Conference, Fort Collins, Colorado, January 1998.*

*U. S. Perspective in the Construction of a Solar Evaporation Pond in South Africa, Tailings and Mine Waste '98 Conference, Fort Collins, Colorado, January 1998.*

*Evaluation of Groundwater Conditions at a Vanadium Mine Site Near Hot Springs, Arkansas, Tailings and Mine Waste '98 Conference, Fort Collins, Colorado, January 1998.*

*Naturally Occurring Acidity in the Vicinity of a Sulfide Ore Deposit: Wilson Springs Mine, Hot Springs, Arkansas, Tailings and Mine Waste '98 Conference, Fort Collins, Colorado, January 1998.*

*Publications/Presentations, cont'd*

*Evaluation of Groundwater Remediation at a Uranium Mill Site in Uravan, Colorado, Tailings and Mine Waste '97 Conference, Fort Collins, Colorado, January 1997.*

*Case History: Tailings Dam Reclamation Plan and Improvements, Hot Springs, Arkansas, Tailings and Mine Waste '97 Conference, Fort Collins, Colorado, January 1997.*

*Environmental Remediation of the U. S. Uranium Mine Sites, Mine Waste Conference, Wismut, GMBH, Chemnitz, Germany, November 1995.*

*Tailings and Waste Management at Mining Sites, Society of Mining Engineers, Las Vegas, Nevada, March 1989.*

*Grouting in Difficult Soil and Weather Conditions, Journal of Performance of Constructed Facilities, Vol. 1, No. 2, May 1987, American Society of Civil Engineers.*

*Technical Aspects of Dam Safety, presented at the Professional Engineers of Colorado Conference on the Safety of Small Dams and Owner Liability, Denver, Colorado, February 1983.*

*Drilled Pier Foundations, presented at the Professional Engineers of Colorado Conference on Expansive Soils, Denver, Colorado, November 1981.*

*Pavement Performance, presented at the American Society of Civil Engineers, Colorado Section, Conference on Pavement Design and Construction, Denver, Colorado, 1981.*

*The Current Practice of Building Lightly-Loaded Structures on Expansive Soils in the Denver Metropolitan Area, proceedings of the Workshop on Expansive Soils and Shales in the Highway Design and Construction, Vol. 2, prepared for the federal Highway Administration, Offices of Research and Development, Washington, DC, 1972.*

***Memberships***

Registered Professional Engineer  
State of California  
State of New Mexico  
State of Arkansas  
State of Colorado



***Awards***

- |      |  |
|------|--|
| 2000 | Chairman's Award,<br>Union Carbide Corporation       |
| 1981 | Outstanding Faculty Award,<br>University of Colorado |



***Randall Reneau***  
***Senior Consulting Geologist***

---

***Education***

- |      |   |
|------|---|
| 1995 | MSc Environmental Engineering<br>Kennedy-Western University                       |
| 1973 | BA Geology<br>Central Washington University                                       |
| 2001 | Distinguished Alumni Award,<br>College of Sciences, Central Washington University |
|      | Graduate, Colored Stones Course<br>Gemological Institute of America               |

***Professional Experience***

- Disseminated Au/Ag exploration project  
Durango, Mexico  
Chief Geologist
- Gold exploration  
Carlin Trend, Nevada
- Talc exploration project,  
West Texas, East Oregon
- Mica-quartz-feldspar mine and processing plant,  
Arizona
- Specular hematite / copper property,  
Arizona
- Porphyry copper / gold prospect,  
Sonora, Mexico

*Professional Experience, cont'd*

Diamond / gold exploration  
Liberia, Guinea, Sierra Leone, Ivory Coast, West Africa  
Brazil

Gold exploration  
Mali, West Africa

Gold / silver exploration  
Santa Cruz Mine  
Durango, Mexico

Uranium exploration  
Texas, Arizona, New Mexico and Wyoming

Oil/gas exploration-operations  
Texas and Oklahoma

***Professional Designations***

Certified Professional Geologist  
AIPG No. 6347

Registered Geologist  
State of Texas No. 203

Registered Geologist  
State of Washington No.173

Registered Geologist  
State of Alaska AA-315



***John Nelson, BSc Geology, PGeo  
Senior Geologic Engineer***

---

***Education***

1955                      BSc Geology,  
Texas Tech University

***Professional Experience***

- 1989 -                      **Centennial Engineering and Research**  
2005                      Design/Construction Inspection
- Plans, specifications and contract documents
  - Reclamation or closure of several Wyoming AML uranium mine projects including Green Mountain Uranium Operations at Jeffrey City, WY
  - Public water, wastewater and road construction
- 1986 -                      **CEI Inc**  
1989                      Manager of Mining
- Engineering, planning and reclamation of abandoned uranium mines
- 1982 -                      **Kirkwood Oil and Gas**  
1986                      Mine Manager
- Surface and underground precious metal, uranium and coal mines
  - 250,000 acres of federal, state and private lands
- 1980 –                      **United Nuclear Corp**  
1982                      Technical Operations Manager,  
Tennessee Valley Authority Morton Ranch Uranium Project
- Technical staff reported to the incumbent
  - Surface and underground mine operations
  - Regulatory and environmental compliance

*Professional Experience, cont'd*

1976 -  
1980

**Anaconda Minerals Company**

Chief Mine Engineer – Jackpile Uranium Mine

- Large surface/underground mine
- Responsibility for management of technical staff

1974 -  
1976

**International Minerals and Chemical Corp**

Senior Mine Manager

- Mine design, land acquisition, permitting and reclamation of surface phosphate mining operation

1972 -  
1974

**Southern Peru Copper**

Mine Shift Foreman

- Foreman of open pit copper mining operations in South America with throughput of 80 million lbs of ore and waste

1970 -  
1972

**Lithium Corp of America**

Mine Superintendent

- Hardrock open pit lithium mining operations

1968 -  
1970

**US Smelting Refining and Mining Co**

Underground Copper Mine Geologist

1963 -  
1968

**Kerr McGee**

Senior Mine Geologist

- Seven underground uranium mines producing throughput of 3,000 tons of ore per day

1956 -  
1963

**Core Laboratories Inc**

Geologist

- Texas oil field exploration services
- Including 2 years of service with the US Army

***Professional Designations***

Professional Geologist  
State of Wyoming #1028

Wyoming Uranium Mine Foreman

Nuclear Materials Testing Certification



***Robert Odell, BSc Geology, PGeo  
District Geologist - Wyoming***

---

***Education***

1951                      BSc Geology,  
University of New Mexico

***Professional Experience***

1974 -                      **Rocky Mountain Uranium Scout**  
Present                      Trade Publication Analyst/Writer

- Initiated as uranium reserves studies of Wyoming deposits
- Merged with Dean Dubois, Uranium Scout for Texas, in a Western United States newsletter for explorationists

1979 -                      **Mapco/Ensearch**  
1990                      District Geologist, Wyoming

- Shirley Basin uranium field expert

1970 –                      **American Nuclear Corporation**  
1974                      District Geologist, Wyoming

- Uranium discoveries in Powder River Basin, Wyoming
- Coal lease acquisitions in Wyoming

1969 -                      **Morrison Nuclear Corp**  
1974                      District Geologist, Wyoming

- Building vast data base and knowledge base of sedimentology and uranium exploration in Wyoming
- Conducted initial explorations in Luenberger, 55 Ranch and Moore Ranch deposits

*Professional History, cont'd*

1955 -  
1969

**Tidewater Oil Co**  
Geologist

- Uranium exploration, reserve geology and development in:
  - Grants Mineral Belt, New Mexico
  - Eastern and Western Arizona
  - Four Corners area, Utah
  - South Park, Colorado
  - Shirley Basin, Wyoming
- Exploration and development of the Petrotomics uranium deposit (25 million lbs of production)

1954 -  
1955

**Public Service Company of New Mexico**  
Uranium Field Geologist, New Mexico

***Professional Designations***

- 1953                    Member, American Association of Petroleum Geologists
- 1953                    American Institute of Professional Geologists # 7327
- 1953                    Registered Professional Geologist  
State of Wyoming #1850





**Larry Minter, MSc, BSc, PGeo**  
**Senior Geologist**

---

**Education**

- |      |                                      |
|------|--------------------------------------|
| 1976 | MSc Geology,<br>Texas A&M University |
| 1970 | BSc Geology,<br>Texas A&M University |

**Professional Experience**

March 1994 -  
January 2007

**Canyon Environmental Resources Company**

Owner and Principal; Geological and Environmental  
Consultant

- Provided services in soil and groundwater assessment and contamination, remediation, environmental permitting and compliance, and general site investigations.
- Provided services to commercial, industrial and government clients including: insurance, banking, oil and gas, mining, real estate development, and dry cleaners, among others.
- Managed over three hundred environmental projects, ranging from small assessments to large site characterization and major remediation programs.
- Some representative environmental project experience includes:
  - regulatory compliance audits at chemical, manufacturing, paint, printing, and oil and gas facilities (oil refineries, gas booster stations, and producing oil and gas properties);
  - project manager for development of an environmental compliance procedures manual for a major petrochemical facility;

*Professional Experience, cont'd*

- NPDES storm water and industrial wastewater discharge permitting at industrial sites
- groundwater contamination investigations at industrial facilities and landfills;
- groundwater monitor well installation, sampling, and analytical interpretations;
- remediation of arsenic contaminated soils and dust at an industrial site;
- project manager for the delineation and removal of 90,000 yards of contaminated fill from an abandoned airstrip site;
- remedial investigations at Federal and State superfund sites;
- contaminant assessments of a 5,500-acre mining property in Arizona and a 4,000-acre commercial and residential development site in central Texas;
- geologic and hydrogeologic site interpretations and installation of over 60 groundwater monitor wells for permitting of a hazardous waste storage facility in east Texas;
- served as an expert witness in hearings related to a railroad switching facility;
- closure of a salt water disposal pit in west Texas;
- oil and gas drilling operations and natural gas production royalties related to sulfur recovery from sour gas in east Texas;
- authored technical publications in the fields of marine geology, water resources, and mining

June 1990 -  
March 1994

**TRC Environmental Corp**  
Manager, Waste Management Programs;  
Branch Manager, Austin Office

August 1985 -  
June 1990

**Woodward-Clyde Consultants**  
Senior Project Manager; Austin Area Manager

*Professional Experience, cont'd*

September 1976 – **Gulf Mineral Resources (subsidiary of Gulf Oil)**  
 June 1983 Senior Project Geologist - Uranium

- Development and delineation of roll front type uranium deposits in the general Ambrosia Lake, New Mexico area, including the Mt. Taylor, West Largo, and San Mateo ore bodies;
- Development and delineation of unconformity type uranium deposits in the Datil, New Mexico area;
- Prospect generation for roll front type deposits in various areas of New Mexico;
- Prospect generation for collapse pipe and porphyry type uranium deposits in Arizona;
- Successful discovery of a collapse pipe deposit in northern Arizona later mined by another company;
- Familiarity and experience with geophysical exploration techniques including resistivity, magnetics, and induced polarization;
- Familiarity and experience with various drilling and sampling techniques including: mud and air rotary drilling, directional drilling, diamond coring, geoprobe sampling, auger drilling, and split spoon and Shelby tube sampling;
- Supervised hundreds of exploration and development holes for drill cutting observation and geophysical logging (gamma, resistance, and spontaneous potential, primarily, but also density, cement bond, caliper, and neutron, among others). Experience with hole depths ranging from 10 feet to over 7200 feet;
- Geologist responsible for coring, logging, and sampling of borings specifically for mine and vent shaft assessment, dewatering, deep injection of process water, and geotechnical borings for proposed mill and tailings sites;
- Provided expert testimony before New Mexico Environmental Improvement Division related to mineral quality (uranium and coal) beneath proposed uranium mill and tailings sites.

1971 -  
 1974

**National Oceanic and Atmospheric Administration**  
 Commissioned Officer

- Assignments included:
- executive officer of a field party conducting hydrographic surveying of the intercoastal waterway of New Jersey;

*Professional Experience, cont'd*

- one year in charge of the seismic and geomagnetic station at South Pole Station, Antarctica (one of eight resident scientists along with 14 U.S. Navy personnel to 'winter over' during 1972);
- 18 months as a junior scientist in the Marine Geology and Geophysics section at NOAA's Atlantic Oceanographic and Meteorological Laboratory on Key Biscayne near Miami, Florida;
- participated on three major cruises aboard NOAA's oceanographic research vessel 'Researcher', assisting in conducting deep sea coring, bottom photography, topographic and magnetic profiling, current measurements and other oceanographic studies.

1970 -  
1971

**Texaco Inc**  
Development Geologist

***Professional Designations***

Professional Geologist  
State of Texas License # 3534

***Selected Publications***

Minter, L. L., Keller, G. H., and Pyle, T. E., 1975, Morphology and Sedimentary Processes In and Around Tortugas and Agassiz Sea Valleys, Southern Straights of Florida: *Marine Geology*, Vol. 18, No. 1, pp. 47-69.

Keller, G. H., and Minter, L. L., 1975, Cariaco Trench Sediment Geotechnical Properties: *Journal of Sedimentary Petrology*, Vol. 45, No. 1, pp. 292-294.

Minter, L. L., and Mathewson, C. C., 1975, Impact of Water Resource Development on the Sediment Budget of the Brazos River, Texas: *Geological Society of America, Abstracts with Programs*, Vol. 7, No. 7, p. 1202.

*Selected Publications, cont'd*

Mathewson, C. C., and Minter, L. L., 1981, Impact of Water Resource Development on the Hydrology and Sedimentology of the Brazos River, Texas with Implications on Shoreline Erosion: Bulletin of the Association of Engineering Geologists, Vol. 18, No. 1, pp. 39-53.

Minter, L. L., and Mathewson, C. C., 1988, Mining Preplanning: in Encyclopedia of Earth Sciences, Volume XIV, Field and General Geology, edited by C. W. Finkl, Jr., pp. 599-604.



***Robert Underdown BSc  
Manager of Texas Operations***

***Education***

- 1976 BSc in Engineering Technology,  
Texas A&M University,  
College Station College of Engineering
- 1972 Associates of Science,  
Bee County College

***Continuing Education***

- Hazardous Waste Operations and Emergency Response
- Radiation Safety Officers Course
- Basic Radiation Health Course
- CPR Adult Heartsaver Training
- Safety and Health Training
- First Aid Training
- Certified Mine Safety and Health Administration  
Supervisor Trainer in Communication, Motivation,  
Leadership, Problem Solving and Safety Talks
- Basic Management School,  
United States Steel Corporation
- Advanced Management School,  
United States Steel Corporation
- Radiation Safety School
- TRCR Part 21

*Continuing Education, cont'd*

Radioactive Materials Issues  
Internal Dosimetry

***Relevant Professional Experience***

May 2006 -  
May 2007

**Academy ISD**  
Technology Coordinator

- Responsible for maintenance and software installation of a school district with over 500 computers.

December 1990 -  
June 1999

**Intercontinental Energy Corporation/LPZ Energy Corporation/CIMA Energy Corporation**  
Mine Manager/Vice President

- Managed restoration\reclamation operations for three ISR uranium mines near Three Rivers, Texas.
- Managed the Operations work force, support groups, and outside contractors.
- Responsible for overseeing:
  - Physical safety
  - Radiation safety
  - Mine restoration planning effort
  - Implementation of the restoration plan
  - Environmental/regulatory affairs
  - Landowner issues
  - Personnel, accounting, and cost control
- Direct interfacing with the State and Federal Regulatory agencies, including:
  - Mine Safety and Health Administration (MSHA)
  - Texas Natural Resources Conservation Commission (TNRCC)
  - Texas Department of Health-Bureau of Radiation Control (TDH-BRC)

May 1987 –  
November 1990

**Malapai Resources Company**  
Director of Texas Operations

- Managed all aspects of mining operations at the Holiday-EI Mesquite ISR uranium mines in Duval County, Texas until acquired by Electricité de France.

*Relevant Professional Experience, cont'd*September 1978 - **USX Corporation**

May 1987

Field Engineer, Plant Engineer, Plant Superintendent,  
Production Superintendent, Manager of Operations

- Progressed through various operational roles with increasing levels of responsibility, all to do with USX Corporation's Texas uranium operations;
- Field Engineer at Clay West and Burns Ranch uranium plants
  - Responsible for surface development of replacement mine patterns for the insitu well field operations;
  - This included the design, specification and installation of pumping stations and piping systems;
  - Also included the associated electrical and instrumentation systems
- Plant Engineer at Clay West uranium plant
  - All responsibilities of Field Engineer, as well as:
  - Assisting the Process Engineer in repairing or constructing new plant process equipment;
  - Coordinated the outside contractors;
  - Monitored the work progress;
  - Compliance with USX and Regulatory environmental and safety rules
- Plant Superintendent of the Clay West processing operations
  - Maintenance
  - Development construction
  - Satellite operations
  - Central Plant operations
  - Shipments of Uranium Oxide
  - Supervised a work force of 125 people (not including support groups, e.g. (Engineering, Geology, Accounting, Marketing, etc.)
- Production Superintendent at Clay West and Burns Ranch production plants
  - Directly responsible for safely achieving the production and cost goals for both plants
  - Supervised a work force of 200 people (not including support groups, e.g. (Engineering, Geology, Accounting, Marketing, etc.)
- Manager of Operations
  - Supervised the Operations work force and the support groups;



*Relevant Professional Experience, cont'd*

- Responsible for overseeing:
- Physical safety
- Radiation safety
- Mine planning effort
- Implementation of restoration plan
- Production
- Personnel
- Accounting
- Cost control
- Direct interfacing with the State and Federal Regulatory agencies, including:
- Mine Safety and Health Administration (MSHA)
- Texas Natural Resources Conservation Commission (TNRCC)
- Texas Department of Health-Bureau of Radiation Control (TDH-BRC)

October 1977 - **HB Zachary and Company**  
September 1978 Industrial Electrician

- Involved in the construction of ISR uranium mining facilities for U.S. Steel Corporation;
- Worked on the start-up and debugging of the facilities electrical power and control systems.

October 1976 - **Norton Company**  
October 1977 Industrial Electrician

- Involved in the construction of ISR uranium mining facilities;
- Worked on the start-up and debugging of the facilities electrical power and control systems.

January 1969- **Geoscience Associates, Inc**  
January 1971 Uranium Exploration Logger



***Joshua Leftwich, BSc  
Environmental Manager***

### ***Education***

2000                      BSc in Renewable Resources,  
Texas A&M University

### ***Professional Experience***

December 2004 - **Mesteña Uranium LLC**  
May 2007                      Manager of Environmental Health and Safety

- Manager for all aspects of Environmental, Health, Safety, Radiation Safety and compliance at an ISR Uranium Mining Facility
- Involved with all aspects of the start up of the newest uranium ISR facilities in the United States
- Included in all aspects of start-up, including plant design, construction, well-field design and construction, monitor well installation and monitoring, administrative infrastructure design and construction
- Directed all activities and budgeting concerns for Health, Safety, Environmental and information technology departments
- Managed all aspects of environmental and radiation compliance conditions and training that are mandated by state and federal entities, including 3 state and 3 federal agencies
- Responsible for all auditing of compliance activities and required reporting to state and federal agencies
- Oversaw new permitting, licensing and permit amendment projects that would benefit and provide sustainability to the overall life and well being of the project
- Setup and managed GIS system to keep track of all mapping and data in regards to mine site and databases involved with GIS systems

*Professional Experience, cont'd*

- Actively involved with miner health and safety training and compliance
- Oversaw all workman compensation claims and issues associated with them
- Developed and implemented standard operating procedures and task training to perform specified task in a safe manner
- Liaison between subcontractors with safety concerns or record keeping that is federally mandated

March 2003 -  
December 2004

**Handex of Texas**  
Senior Project Manager

- Project Manager for forty (40) environmental remediation projects belonging to twenty (20) different clients
- Concurrent multiple phases
- Continually coordinating with sub-contractors and staff to complete work to meet state regulated deadlines
- Designed and installed multi-phase remediation systems
- Oversaw operations and maintenance
- Actively involved in property divestments including Phase I and Phase II activities for an international oil company
- Compiled field data to complete necessary reporting forms
- composed in depth proposal using state guidelines for future phase of remediation or site closure

November 2002 -  
March 2003

**Naismith Engineering Inc**  
Project Manager

- Managed multiple projects over a broad range of environmental disciplines including but not limited to:
  - Landfill permitting
  - Remediation of Leaking Petroleum Storage Tank sites
  - Phase I and Phase II Environmental Site Assessments
  - Oversaw pipeline spills/leaks cleanup and remediation
  - Various other projects
- Contacted clients about status of projects and future work that should be done

*Professional Experience, cont'd*

- Met with future clients about the scope of our business and services that would be of value to them

May 2001 -  
November 2002

**Newmark Homes LP**  
Construction Superintendent

- Supervised and coordinated sub-contractors throughout the new home building process in homes \$300,000 and above
- Provided knowledge and assistance to realtors and homebuyers
- Actively involved in construction marketing that was emphasized as a vital part of the Newmark Homes
- Coordinated with sales department for active communication between construction program and new home buying activities
- Created efficient and effective ways of scheduling contractors to complete jobs on budget and schedule
- Resolved all warranty issues in a timely manner

June 2000 -  
May 2001

**GL Environmental**  
Environmental Specialist

- Project Manager for various types of environmental projects at various types of mining facilities that included coal, mica, gypsum, and sand/gravel operations
- Developed emergency procedure manuals and conducted new-miner and annual training for various mining operations

January 2000 -  
May 2000

**Haratio Chrisman Surveying Co**  
Land Surveying Coordinator and Crew Manager

- Client contact for scoping of survey projects
- Planned and executed rural land surveys in surrounding counties
- Managed several employees during surveys

***Certifications***

**Certified MSHA Instructor**

**Certified Radiation Safety Officer**

*Certifications, cont'd*

2005	MFG Radiation Safety Officer Training
2007	Nevada Technical Institute-RSO Training
	<b>Certified Well Logging Supervisor</b>
2005	Radiation Consultants
2006	Annual Refresher



***Brad Moore, BBA  
Exploration and Land Tenure Specialist***

---

***Education***

- |                |   |
|----------------|---|
| 1978 -<br>1990 | Various symposia on Nuclear Energy and Uranium Mining<br>Colorado School of Mines |
| 1976           | BBA, Major in Marketing, Minor in Geology<br>University of Oklahoma               |

***Professional Experience***

- |                |   |
|----------------|---|
| 1991 -<br>2005 | <b>Morgan and Moore Energy</b><br>President, CEO, Exploration Manager <ul style="list-style-type: none"><li>• Supervisor of drilling, development, leasing and mergers.</li></ul>   |
| 2002 -<br>2005 | <b>Moore Country Club Estates Inc</b><br>President, Lead Developer <ul style="list-style-type: none"><li>• Managed and directed all activities associated with development of a 62-unit gated golf course community.</li></ul>  |
| 1982 -<br>1990 | <b>Moore Energy Corporation</b><br>President, Exploration Manager <ul style="list-style-type: none"><li>• Discovery and development of several uranium ore bodies in Texas and Wyoming, including:</li><li>• 55 Ranch, Powder River Basin, Wyoming (now owned by Cameco Corp)</li><li>• Cadena, South Texas (now owned by Energy Metals Corp)</li><li>• Goliad Project, South Texas (now owned by Uranium Energy Corp)</li><li>• Brookshire Dome, South Texas</li></ul> |

*Professional Experience, cont'd*

1977 -  
1981

**Rio Alto Mineral Company**

Geologist

- Explored and developed the West Cole uranium deposit (now owned by Cogema)
- Provided support to leasing operations and public relations
- Prepared maps, reports, well log interpretations, and packaging for ultimate acquisition of the deposit by Tenneco in 1981



***Craig Holmes, BSc, MSc  
Advisory Board***

---

***Education***

1975	MSc University of Pittsburgh Graduate School
1973	Honors BSc, Major in Meteorology, Climatology University of Pittsburgh

***Professional Experience***

1983 - 2007	<b>Eggleston Holmes</b> General Partner <ul style="list-style-type: none"><li>• 80% of billable time spent on uranium projects in Texas</li><li>• Regulatory and permitting management for clients</li><li>• Conducted studies supporting permits for uranium mines in Wyoming and New Mexico</li><li>• Work lead to refinement of the regulations for the uranium mining industry in the United States</li></ul>
1978 - 1982	<b>Camp Dresser McKee</b> Uranium Project Manager <ul style="list-style-type: none"><li>• Focused on permitting and licensing of four In-Situ Recovery (ISR) uranium mining projects, and one surface mining project</li><li>• Overall project management, and technical support for the following areas: air quality modeling, ambient radon monitoring, radon flux measurement, gamma surveys, soil and sediment sampling, surface and groundwater quality characterization, economic impact analysis</li></ul>



*Professional Experience, cont'd*

- Ensuring that permit, license, and permit exemption applications satisfied all applicable rules and regulations
- Regulatory work occurred during the formative stages of the In-Situ Recovery uranium mining industry, and had significant impact on the rules presently instituted by the regulatory agencies

1976 -  
1978

▪ **Radian Corporation**  
Staff Scientist

- Environmental and economic impact assessments of: lignite mining operations, alternative fuels operations, natural gas developments, ISR uranium mining operations, surface uranium mining operations



---

***Jon Indall, BA, JD  
Advisory Board***

---

***Education***

1971	Juris Doctorate University of Kansas Law School
1973	BA University of Kansas

***Litigation Experience***

1978 - Present	<b>United States Attorney</b> Litigator
-------------------	--

- Litigation experience has been focused in the natural resources and environmental areas
- Involved in complex commercial cases arising out of the patenting and development of mining claims
- Litigated cases relating to antitrust, contract law and commercial torts
- Representative cases include:
  - *Vermejo Park Corporation v. Pacific Lumber Company*
  - Represented plaintiff in commercial tort case involving timber cutting practices. After approximately three months of non-jury trial, the case was settled.
  - *Bokum Resources Corporation v. Long Island Lighting Company*
  - Represented plaintiff in adversary bankruptcy proceeding involving claims of economic coercion and the existence of a mining partnership. After a two week non-jury trial, judgment was rendered on behalf of defendant.

*Litigation Experience, cont'd*

- *United Nuclear Corporation v. United States of America*
- Represented plaintiff in Fifth Amendment regulatory takings case in U.S. Claims Court arising from the failure of the Department of Interior to approve a mining permit for uranium mine located on the Navajo reservation. The case was tried for two weeks in March, 1988. The United States Court of Appeals for the Federal Circuit reversed the Claim's Court decision for the United States on liability and remanded the case for trial on damages. After presenting plaintiff's damage case, United States settled paying UNC high eight figure settlement.
- *Coleman Drilling Company v. Hill*
- Represented plaintiff in breach of contract involving the drilling of a gas well in northwest New Mexico. Case was settled on day of trial.
- *Homestake Mining Company v. MII*
- Represented plaintiff in a suit on non-payment of promissory note. Defendant counterclaimed for actual and punitive damages. Case was settled prior to trial after discovery.
- *Crescent Porter Hale Foundation v. Bureau of Land Management* (Interior Board of Land Appeals)
- Represented plaintiff in suit on percentage of overriding royalty held by plaintiff. Royalty interest was resolved.
- *Smith v. Pennzoil Corporation*
- Represented defendant in personal injury suit alleging damages occurred during paraplegic elk hunt at Vermejo Park ranch. Case settled for low four figures prior to trial and after discovery.
- *Marchiondo v. Homestake Mining Company*
- Represented defendant in a partition and breach of lease action involving uranium mining claims on federal land. Judgment for defendant was granted at the end of a five day trial and upheld by the Tenth Circuit.

*Litigation Experience, cont'd*

- *Senguepta v. United Nuclear Corporation*
- Represented defendant in employment discrimination case settled prior to trial after discovery.
  
- *Steams-Roger v. Bokum Resources Corporation*
- Represented defendant in breach of contract adversary bankruptcy proceeding involving the construction of a \$25 million uranium mill at Marquez, New Mexico. Defendant counterclaimed for cost overruns and poor construction. Case was settled prior to trial after discovery.
  
- *Holly v. Homestake Mining Company*
- Represented defendant in case where plaintiff claimed that his property and water had been damaged by windblown uranium mill tailings and seepage from mill tailings pile. Case was settled prior to trial after discovery.
  
- *In the Matter of HRI, Inc. G-11 Water Application*
- Represent applicant HRI, Inc. in its water rights transfer for 650 acre feet of water to its section operations. State Engineer approved water rights transfer over protest of Navajo Nation. Case established new State Engineer procedure on diversion rights, recognizing that in situ process recycled water thus diminishing diversion requirements.
  
- *Farley v. Kerr-McGee*
- Represented defendant in a toxic tort wrongful death case brought on behalf of two Navajo women claiming their deaths were caused by uranium mill operations in Shiprock, New Mexico. The case was initiated in tribal court. After establishing that this type of case could only be brought in federal court, defendants achieved diminimus settlement.
  
- *Questar Southern Trails Pipeline v. 4.86 Acres of Land*
- Represented pipeline company in a condemnation case in New Mexico federal court. After five day jury trial, jury awarded landowner \$12,500.00 rather than \$600,000.00 sought.

### *Litigation Experience, cont'd*

- *Uranium Producers of America v. Department of Energy*
- Represented UPA in action in Wyoming federal court attempting to overturn Department of Energy's transfer of 72 million pounds of uranium to USEC. Court ruled UPA did not have standing to bring case and matter was dismissed.

1974 - **Assistant City Attorney, City Prosecutor**  
1978 City of Ottawa, KS

1974 - **Municipal Judge**  
1978 Townships of Wellsville and Pomona, KS

### ***Lobbying Experience***

1985 - **Uranium Producers of America**  
Present

- Drafted and successfully assisted in lobbying Title X of the Energy Policy Act of 1992
- Title X provided over \$500 million for federal reimbursement of costs related to reclamation of uranium and thorium mill tailings sites
- Worked with Title X claimants to achieve appropriations authorized by the legislation
- Assisted claimants in successfully obtaining additional funds and extensions of time to complete eligible reimbursements
- Represented the uranium industry during negotiations concerning the privatization of the enrichment enterprise
- This negotiation resulted in the 1996 Privatization Act, amending the Atomic Energy Act
- Instrumental in the revitalization of the UPA in 2005
- Has been active in negotiations with the Department of Energy regarding sales of their excess uranium inventories

### ***Memberships***

1974 **American Bar Association**  
Natural Resources Section

*Memberships, cont'd*

1974

**State Bar of New Mexico**  
Natural Resources Section

1974

**First Judicial District Bar Association**



---

## ***OFFICERS AND DIRECTORS***

---

### ***Alan Lindsay, Chairman***

- Successful founder of public companies in mining and biotech sectors
- Over 30 years of experience in executive management

### ***Amir Adnani, President, Chief Executive Officer, Director***

- An entrepreneur with extensive contacts throughout the financial and mining communities
- Founder of Blender Media Inc, a financial media and research firm that was named one of the fastest growing companies in Canada by Profit Magazine

### ***Harry Anthony, Chief Operating Officer, Director***

- Internationally recognized expert in the field of ISR uranium mining

### ***Pat Obara, Chief Financial Officer***

- Experience as a financial officer of TSX-listed companies in mining and technology

### ***Erik Essiger, Director***

- Over 18 years of international business experience, former manager at PWC in Germany

### ***Ivan Obolensky, Director***

- 40 years experience in the investment banking business in New York as a research analyst
- Specialization in the defense aerospace, oil and gas, nuclear power, metals and minerals, publishing and high technology industries

### ***Vincent Delle Volpe, Director***

- 38 year career as a portfolio manager, with several billions of dollars under management
- Particularly focused on the management of energy and utility equities portfolios, as well as management of significant venture capital investments