

CURRICULUM VITAE

Donald T. Sharp

PERSONAL

Name: Donald T. Sharp
Birthplace: Lompoc, California, USA
Citizenship: USA
Languages: English

Specialization: Litigation support services, environmental site closure, project management, strategy development, technical evaluations, treatability studies, remediation feasibility studies, soil and groundwater remediation, risk assessment, cost analysis, fate and transport modeling, waste minimization; acid gas injection well permitting, well design, well drilling, well completion, and well testing.

EDUCATION

Georgia Southwestern State University, 1984
Bachelor of Science, Geology – Specializing in Geophysics and Hydrogeology

REGISTRATIONS

Ocean Survival (HUET) Certified
40 hour OSHA Hazwopper Certified 1990
8 hour OSHA Hazwopper Supervisory Certified 1990 - present (annual re-certification)

EMPLOYMENT

February 2012 – Present
Consulting Geologist
Geolex, Inc.
500 Marquette Avenue NW, Suite 1350
Albuquerque, NM 87102

Duties, Accomplishments, Responsibilities:

1. Evaluated the impacts to groundwater from an unknown source of condensate for a group of three responsible parties doing work under a KDHE Consent Order and Final Agreement. Conducted field work and prepared Comprehensive Investigation Report, Corrective Action Study, and routine Groundwater Monitoring Reports. Project is ongoing.
2. Provided litigation support for midstream oil and gas company to determine surface and subsurface liabilities from operations located on a 6,500 acre ranch over an 80 year period. Reviewed available aerial photographs, soil and groundwater data, available historical records, and company procedures to rebut and/or validated plaintiff's expert reports.
3. Provided well-site geological oversight for the installation of a 10,183 feet deep acid gas injection well near Maljamar, NM. Prepared daily geology reports for stakeholder review. Reviewed geology, picked formation tops and injection zone intervals, reviewed geophysical well logs, selected coring intervals, logged cores, reviewed laboratory core data, and selected perforation zones, completed and pressure tested well. Prepared regulatory notifications in compliance with the Application for Permit to Drill Conditions of Approval.
4. Prepared permit documents to recomplete an exempt oil field waste disposal well in south Texas. Negotiated the permit requirements with the Texas Railroad Commission and received approval to recomplete the well in a shallower oil free zone. Performed Company Man duties during the workover and completed the workover on time and without any lost time accidents or cost over runs.
5. Provided well-site geological oversight for the installation of a 6,650 feet deep acid gas injection well near Jal, NM. Reviewed geology, picked formation tops, prepared daily geology reports, reviewed geophysical well logs, selected coring intervals, logged cores, reviewed laboratory core data, and selected perforation zones, completed and pressure tested well. Prepared regulatory notifications in compliance with the Application for Permit to Drill Conditions of Approval.

March 2009 – January 2012
Senior Geologist
Hydro Construction, Inc.
922 Park Meadow Drive
Katy, Texas 77450

Duties, Accomplishments, Responsibilities:

1. Performed engineering and construction of water resources environmental projects. Conducted business development activities and secured project teams. Performed technical evaluations and feasibility studies. Negotiated contracts with clients, vendors, and regulators. Supervised and conducted fieldwork. Prepared reports and design drawings.
2. Designed subsea flow line layout for deepwater GOM projects. Conducted geohazard evaluations to determine flow line, drill center, and PLET and PLEM locations.
3. Supervised well logging operations at shale gas drilling sites. Monitored drilling progress. Examined drill cuttings for lithology and hydrocarbon content. Prepared well logs and monitored drilling activities.. Calculated formation tops, Advised directional driller with identifying formation targets. Mentored others in geology and safety. Reported findings to stakeholders.

February 2008 – March 2009
Supervising Engineering Specialist/Geologist
Intecsea, LLP
15600 JFK Blvd.
Houston, Texas 77032

Duties, Accomplishments, Responsibilities:

1. Performed marine survey data acquisition. Team leader responsible for ensuring subsea data integrity, and efficiency of subsea survey data collection for deep-water oil and gas projects. Collected data using side-scan sonar, multibeam sonar, chirp sub-bottom profiler, and magnetometer data. Reviewed, evaluated, and interpreted data to identify subsea geohazards. Determined subsea oil field layouts consisting of drill centers, PLETs, PLEMs, moorings, umbilicals, flowlines, and pipeline placement.
2. Supervised the construction of pig testing facility. Conducted pig testing to test pig flow through designed pipe configurations prior to use in subsea operations.
3. Conducted metrology and surveying operations to ensure jumper construction stands meet project specifications prior to building jumpers. All jumpers were installed in deepwater without incident.
4. Conducted construction management activities for the production of deep water pipelines and umbilicals associated with the building of a floating, production, storage and offloading facility for use in off shore Africa.

5. Designed subsea flow line layout for deepwater GOM projects. Conducted geohazard evaluations to determine flow line, drill center, and PLET and PLEM locations.

May 2005 - February 2008
Senior Project Manager
Remedial Construction Services, LLP
9720 Derrington Road
Houston, Texas 77064

Duties, Accomplishments, Responsibilities:

1. Provided oversight and project management activities for the remediation of 160 oil fields with project cost of over \$100 million. Developed project strategies to achieve remediation goals. Performed work using health based safety protocol and risk based remediation.
2. Evaluation, feasibility study and remediation of oil field waste pits. Calculated mass of impacted material and determined remedial options and costs. Scheduled work, tracked progress and reported to stakeholders.
3. Provided oversight and project management activities for the restoration of a closed coal mine in south Texas. Conducted mass grading and large earth moving work to mitigate erosion and established erosion control.
4. Obtained closure of underground storage tank removal and remediation projects. Assess soil and groundwater and conducted risk based corrective action to gain closure. Negotiated with regulatory authorities for closure.

January 1996 - May 2005
Principal Geologist
AGES, Inc.
222 Stage Drive
Corpus Christi, Texas 78418

Duties, Accomplishments, Responsibilities:

1. Founded and operated environmental consulting business. Supervised project teams, trained and mentored staff in technical skills and leadership. Performed and supervised performance of Phase I and II ESAs, report preparation, cost estimates, health and safety plans, feasibility studies, remedial action plans, O&M plans, and closure plans for over 1,000 facilities.
2. Completed acquisition of over 500 UST projects. Completed soil boring and well installations. Collected and analyzed samples. Reviewed and interpreted well log data and determined subsurface characteristics. Completed hydrogeologic studies. Created geologic maps and cross sections. Performed computer modeling to determine hydrocarbon fate and transport. Designed, installed, operated and monitored soil and

groundwater remediation systems for fuels, solvents, and metals. Prepared Reports and negotiated with regulators to secure No Further Action Required letters.

3. Designed, installed, and operated 120 soil and groundwater remediation systems for one client. Interviewed, hired, and mentored team of scientists, engineers, and technicians. Worked with team to design remediation systems, procure equipment, schedule crews, track progress, and adjust plans and designs, as necessary.
4. Operated drilling Company. Prepared cost estimates and proposals. Sold jobs. Designed, drilled, and completed monitoring, extraction, vapor, and multiple zoned wells using mud rotary, air, and hollow stem auger methods. Analyzed well borehole gases and breathing zone gases using FID, PID, and GC, determined lithology and formations, and logged wells. Performed chemical analysis and aquifer studies. Managed profit and loss.
5. Managed the abatement and removal of petroleum pipelines, pump stations, compressor stations, and associated production facilities. Prepared proposals and cost estimates. Obtained permits. Prepared behavioral based health and safety plans. Determined manpower for projects. Selected project crew and equipment. Conducted meetings with stakeholders. Prepared forecasts, budgets, and reports.
6. Managed a tough proposal preparation deadline for subsurface investigations at 200+ facilities. Created program that extracted data from a database, incorporated data into a proposal template, and created cost estimates. Instructed team how to use program.
7. Completed installation of 100 cathodic protection systems. Prepared cost estimates, scheduled work, supervised installation, reviewed invoices, and collected receivables. Prepared chain orders, technical reports, and contracts. Determined man-hour loading for projects and selected project teams. Result: Project completed on schedule, within budget with minimal disruption to facilities.
8. Evaluated gasoline spill and developed groundwater transport model to determine potential impact to a downgradient swamp for a site on the National Priority List. Used fate and transport calculations combined with soil transport calculations and exposure pathway toxicology to determine risk to human health and the environment. Resulted in higher clean up level goals, lower remediation cost, and quicker site closure.
9. Conducted environmental compliance audits at industrial and petrochemical facilities. Audited each facility's environmental compliance records. Assisted with the implementation of remedies for deficiencies found during audits.
10. Removed asbestos, lead paint, universal waste, and underground storage tanks from 25 U.S. Army warehouse. Demolished warehouses and prepared site for new construction.

June 1990 – January 1996
Remediation Program Manager
Pennzoil Company
700 Milam
Houston, Texas 77002

Duties, Accomplishments, Responsibilities:

1. Designed and implemented storage tank remediation program. Developed, documented, and implemented procedures for managing program. Worked with team to develop program that standardized bidding and award processes, hired and managed contractors, prepared, reviewed and approved technical reports, feasibility studies, technical product evaluations, design plans, and operation plans. Tracked costs, made forecasts, and managed expenditures. Reviewed pre-acquisition and divestiture environmental reports and provided recommendations. Reduced confusion and increased overall efficiency. Reduced total program cost substantially. Program model expanded to include large subsidiary with over 1500 locations. Team changed company's environmental image from reactive to proactive as viewed by the regulating agencies and public.
2. Developed and implemented project tracking and reporting system. Researched available technology and collaborated with project team on assigned duties. Tracked and managed projects with multiple project phases. Effectively managed multiple tasks at over 1,000 facilities.
3. Conducted construction and remediation activities for program. Conducted removal of tank systems, initial site characterization, additional assessments, remediation feasibility testing, remedial design and construction, and operations and maintenance. Acted as the liaison between the company and regulating authorities and gave presentations to the stakeholders on the progress of the programs, divestitures, acquisitions, and regulatory compliance.
4. Negotiated remediation plan with state authorities for substantial savings. Conducted additional assessment to further characterize the extent fuel impact at bulk fueling facility. Used an additional testing method to better characterize impacted areas. Mapped subsurface conditions to determine the location of highly contaminated areas. Modeled soil and groundwater to show remediation plan is a low risk. Negotiated with regulating authority to reduce the scope of work without compromising human health or the environment.
5. Stopped oil seeps from abandoned oil wells and mitigated the source of a 10-mile long soil slick in a trout stream. Conducted geological assessment of the area, modeled groundwater flow to stream, determined lithology from well logs and soil borings, determined the source of the seeps, and provided the remedy.
6. Characterized marine sediments for dock expansions throughout the Houston Ship Channel. Collected samples using a drilling rig and jack-up barge equipped with

sampling devices. Analyzed soil samples and prepared report for distribution to USACE. Prepared health and safety plan.

7. Performed oversight of mine reclamation project. Completed \$4-million in reclamation construction activities at a closed coal mine in South Texas. Developed cost estimates and proposals for yellow iron construction work. Prepared behavior based health and safety plans. Developed work plans and tracked progress. Responsible for profit and loss reports. Conducted meetings with stakeholders.

June 1988 – June 1990

Senior Staff Geologist

Levine*Fricke, Inc.

1920 Main Street, Suite 750

Irvine, California 92714

Duties, Accomplishments, Responsibilities:

1. Developed site assessment strategy for assessing impact from coal degasification operations at a formerly closed coal degasification plant. Installed and sampled groundwater monitoring wells and completed well logs and cross-sections.
2. Developed site assessment plans for remediation of a 10-acre oil spill. Excavated, evaluated and logged exploratory trenches to determine vertical and horizontal impact to site and surrounding orange orchard.
3. Installed and sample wells in interbedded sands and clays to assess impact to multiple zones by MEK and toluene released from a paint manufacturing facility. Installed wells in lower zones using conductor casing to assess damage caused by inadequately installed groundwater monitoring wells installed by others.
4. Conducted exploratory trenching to evaluate fault zone for mass grading project.
5. Assessed groundwater impact from a release of Chromium VI to groundwater at a wood treating facility near a school where the school water source had been impacted.

August 1986 - June 1988

Specialist

U. S. Army 1st Battalion, 58th Inf.

Fort Benning, GA 31905

Duties, Accomplishments, Responsibilities:

1. Conducted mechanized warfare field exercises. Responsible for tracking maintenance on mechanized motor pool.

2. Trained in arctic warfare. Competed in 3 month long expert infantry competition.

June 1984 – June 1986

Seismologist

Seiscom Delta

West Lake Center

Houston, Texas 77450

Duties, Accomplishments, Responsibilities:

1. Trained in all field crew positions on shot hole and vibroseis crew in the acquisition of 2-D seismic data. Worked as a permit agent, seismic line surveyor, lineman, juggy, vibroseis operator, driller, shooter, recorder, and party manager.
2. Trained in processing 2-D seismic data for surveys on land and sea. Completed common depth point gathering and stacking.

August 1982 – May 1984

Research Assistant (hydrogeology)

Georgia Southwestern State University

800 Georgia Southwestern State University Drive

Americus, Georgia 31709

Duties, Accomplishments, Responsibilities:

1. Conducted hydrogeologic field studies to determine fertilizer and pesticide migration in rural farmland. Completed field titrations for water hardness. Collected groundwater samples for laboratory analyses for sulfates, pesticides, and fertilizers for Georgia Natural Resources study.
2. Conducted Xray diffraction analyses of clay minerals for brick manufacturer to determine optimum temperature and kiln time for desired mineral content.

May 1978 – August 1982

Technician

Ocean Systems

Park Ten Blvd.

Katy, Texas 77450

Duties, Accomplishments, Responsibilities:

1. Assisted in the construction of diving bells and decompression chambers. Delivered equipment to job sites. Tended and repaired diving umbilical lines.

2. Assisted with the testing of remotely operated vehicles (ROV) in 40' deep testing pool.
Obtained open water diver certification.