

Curriculum Vitae

Samuel Cason
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Education:

B.A. Anthropology, University of Colorado 1996
M.A. Archaeology, Colorado State University 2004

Summary of Experience

Mr. Cason has more than sixteen years of archaeological experience, including cultural resource management (both technical and administrative aspects) and research based investigations in Texas, New Mexico, Colorado, Wyoming, Nebraska, Montana, North Dakota, and South Dakota. He has contributed to investigations driven by Section 106 and Section 110 of the NHPA, NEPA, and Texas Antiquities Code, as well as grant funded research initiatives. In a supervisory capacity, he has worked alongside a diverse array of agencies, including the DOD, CEMML, DOT, USDAFS, BLM, GLO, NPS, Corps of Engineers, and various state offices. Since 2000, in addition to regular fieldwork, Mr. Cason has served in managerial and supervisory capacities, including roles such as Principal Investigator, Branch Manager, Program Coordinator, and Cultural Resources Management Coordinator.

- **Archaeological experience:** research design, excavation, NRHP evaluation, pedestrian survey, subsurface testing, construction monitoring, background research, public record and file searches, excavation, geophysical prospecting, GIS database development, geomorphology, cartography and drafting, artifact illustration, artifact inventory and curation, flotation, lithic analysis, TDS instrument mapping, aerial photography, and report writing.
- **Project Management Experience:** proposal writing, scope of work, budget drafting, cost analysis, budget reviews, maintaining client contacts, maintaining landowner relations, coordination with government agencies, permit research, market research, crew organization and task assignments, logistical planning, program development, on-site consultation with clients and agencies, quality assurance.
- **Computer Skills:** proficiency using *Microsoft Word, Excel, Powerpoint, Surfer, Arcview/Arcmap/ArcGIS, Tex-Site, Garmin Topo, and Maptech*, Adobe *Photoshop*, Adobe *Illustrator*, Adobe *Indesign*; working knowledge several different types of GPS devices, including Trimble (XT, Geo 3, and XM), Magellan, and Garmin, Mobile Mapper; construction of data dictionaries for Trimble GPS used to collect information in the field and integration into databases, spreadsheets manipulation used in data analysis, archaeological cartography using GIS applications, querying on-line databases, advanced photo editing using *Photoshop*, report layout, and production.
- **Public Outreach:** Development and implementation of science curriculum for experiential education programs; coordination with the Ute Conservation Corps education program, performing archaeology with Native American youth; interpretive presentations for the Kaplan Hoover Bison Kill site; class lecture for introductory archaeology seminars (CSU); slideshows and overview lectures of Southern Trans Pecos archaeology.

- **Cultural Context Experience:** High Plains hunter-gatherers, plains structural components (house pits assemblages), Southwestern structural assemblages (Basket Maker III, Pueblo I and Pueblo II), Lower Arkansas assemblages (Apishpa), Panhandle assemblages (Antelope Creek), Southern Trans-Pecos assemblages (Cielo Complex, La Junta, Paleoindian), Jornada Mogollon (Mesilla, Dona Ana, El Paso phase, as well as eastern Jornada Mogollon assemblages), Central Rockies Mountain assemblages.

Professional Experience Synopsis (detailed project list attached):

Center for Big Bend Studies, Sul Ross State University

- 2008 to Present (2015)
- Cultural Resources Management Coordinator and Project Archaeologist.
- Tasks include CRM proposals, fieldwork supervision and management; coordination of GIS program; supervision of field and laboratory studies for survey and excavation (both CRM and research based studies), as well as reconnaissance and geomorphological investigations at select sites in the Eastern Trans-Pecos study area; authoring articles, manuscripts, and reports resulting from research based investigations, and conference presentations.
- Instructor of Sul Ross State University classes ANTH 1301, 1302, and 2301

Geo-Marine Inc., El Paso, Texas Cultural Resources Office

- January 15, 2007 to May 10, 2008
- Title: Branch Manager, Program Coordinator, and Principle Investigator
- Management Responsibilities: In my current position I am responsible for the daily and business management of the cultural resource program that is mostly committed to projects on Fort Bliss Military Reservation. I compile proposals, contribute to research designs, provide cost estimates, maintain contractual obligations, schedule staff duties and project tasks, monitor the progress of investigations, consult on management recommendations, coordinate with clients and agencies, and provide quality assurance of deliverables. I am responsible for roughly 14 staff members and up to 18 technicians. The GMI El Paso office typically has between 18 and 30 active projects at any given time in the Trans-Pecos region of Texas and New Mexico.
- Technical Responsibilities: I serve as the Principle Investigator for a number of projects, write reports, edit reports, supervise survey and mitigation fieldwork for select projects, serve as a support crew member on survey and mitigation efforts, perform analysis, serve as a primary or contributing author, support projects with background research and management recommendations, and ensure the safety of staff members in the field.

Arcadis G&M, Cheyenne, Buffalo, and Gillette Wyoming Offices

- Dates: January 10, 2006 to January 2, 2007
- Title: Cultural Resource Program Coordinator and Principle Investigator
- Management Responsibilities: I was responsible for the daily and business management of the cultural resource program in support of oil and gas projects in Wyoming. I compiled proposals, created research designs, provided cost estimates, maintained contractual obligations, scheduled staff duties and project tasks, monitored the progress of investigations, consulted on management recommendations, coordinated with clients and agencies, and provided quality assurance of deliverables. I was responsible for four staff members and up to eight technicians. This branch of the cultural program typically maintained between four and ten active projects at any given time.
- Technical Responsibilities: I served as the Principle Investigator for all projects, wrote reports, edited reports, supervised survey and mitigation fieldwork for select projects, served as a support crew member on survey and mitigation efforts, performed analysis, provided the primary GIS support, served as a primary or contributing author, and supported projects with background research and management recommendations.

Greystone Consulting Inc. (Arcadis acquired Greystone in 2005), Cheyenne, Buffalo, and Gillette Wyoming Offices

- Dates: August 15, 2004 to January 1, 2006

- Title: Project Archaeologist
- Technical Responsibilities: I was responsible for meeting contract obligations in support of oil and gas projects in Wyoming. I contributed to proposals, supervised fieldwork of individual and multiple crews, developed field and analytical methodologies and research strategies, served as the central GIS analyst, and maintained client and agency communications. I served as the primary author for most reports, and I also performed most of the report layout and physical production of the documents. I contributed to approximately 17 projects for Greystone in Wyoming, Nebraska, and New Mexico.

Western Land Service, Sheridan, Wyoming Office

- Dates: March 1, 2004 to August 5, 2004
- Title: Project Archaeologist
- Technical Responsibilities: I supervised fieldwork of one or multiple crews and served as the primary or contributing author for five projects in the Powder River Basin, Wyoming.

Center for the Environmental Management of Military Lands (CEMML)

- Dates: June 2 to June 14, 2003
- Title: Archaeological Technician
- Technical Responsibilities: Served as crew member performing testing, excavation, site recording, geophysical prospecting, artifacts analysis, and artifact illustration.

Centennial Archaeology, Colorado

- Dates: November 1, 2003 to December 10, 2003
- Title: Archaeological Technician
- Technical Responsibilities: Served as crew member for block survey (8 square miles). Performed pedestrian survey and site recording.

USDA Forest Service, Arapaho-Roosevelt National Forest

- Dates: June 10, 2001 to January 4, 2003
- Title: Crew Chief
- Technical Responsibilities: Served as Crew Chief for survey, testing projects, and mitigation projects. I served in this capacity for roughly 18 in projects Colorado and Wyoming.

Metcalf Archaeological Consultants, Colorado

- Dates: June 1, 1998 to August 10, 2000
- Title: Archaeological Technician
- Technical Responsibilities: Served as a crew member performing pedestrian survey, subsurface testing, and mitigation projects. I served in this capacity for roughly 12 projects in Colorado, Wyoming, and Utah.

Center for Big Bend Studies, Sul Ross State University, Alpine Texas

- Dates: Intermittently between February 12, 1998 to November 28, 2003
- Title: Archeological Technician, Crew Chief, and Project Archeologist
- Technical Responsibilities: I served as a crew member on several projects in Big Bend National Park, a Crew Chief on several projects in the southern Trans-Pecos, and Project Archeologist on two projects in the Texas pan handle. In all, I contributed to 15 projects in Texas for the Center for Big Bend Studies, including survey, testing, mitigation, and geomorphological studies.

References:

Jeff Adams, Principle Investigator, SWCA Environmental Consultants, 515 East College Drive Durango, Colorado 81301 (970) 385-8566, jadams@swca.com

Erik Gantt, Project Archaeologist, Centennial Archaeology, 300 E. Boardwalk Dr., Fort Collins, Colorado, 80525, 970-225-6575.

Duane Peter, Vice President Cultural Division, Geo-Marine Inc. 2201 K Avenue, Suite A2, Plano, TX 75074, 972-423-5480.

Project History by State:

Texas

Center for Big Bend Studies *Genevieve Lykes-Duncan* site testing and excavation

*2011-2013

*Field supervisor, contributing author

Center for Big Bend Studies *Surprise Rockshelter* Excavation

*2011-2013

*Project director

Center for Big Bend Studies *Big Bend* National Park Survey

*1998-2013

*field supervisor and contributing author

Center for Big Bend Studies *Guadalupe Mountains National Park* survey and site assessment

*2010-2013

*Project and field director

Center for Big Bend Studies *Monahans Sand Hills National Recreation Area Pipeline Monitoring*

*2012

*Project and field director

Center for Big Bend Studies *Lake Meredith National Recreation Area* overview and assessment

*2011-2012

*Lead researcher and lead author

Center for Big Bend Studies *Goode Ranch* damage assessments

*2008

*Project and field director

Center for Big Bend Studies *Tranquil Rockshelter* excavation

*2008

*Project and field director

Center for Big Bend Studies *Birthday Site* excavation

*2009-2010

*Project and field director

Center for Big Bend Studies *Nine Point Mesa Ranch* reconnaissance and testing

*Project and field director

*2010

Center for Big Bend Studies *Wild Rose Ranch* reconnaissance

*2009

*Project and field director

Center for Big Bend Studies *Agua Fria Ranch* reconnaissance

*field technician

*2010

Center for Big Bend Studies *Pinto Canyon Ranch* reconnaissance, survey, and testing

*2010-2013

*Project and field director

Center for Big Bend Studies *Cub Springs Ranch* survey and testing

*2011

*Field supervisor

Center for Big Bend Studies *I-20 Wildlife Preserve* survey

*2011

*field technician

Center for Big Bend Studies *ETech Ward County Water Wells*

*2011

*field technician

Center for Big Bend Studies *Big Spring Water Treatment* surveys

*2011

*field technician

*Center for Big Bend Studies *Chevron Monahans Draw-Midland Site* assessment

*2012

*field technician

Geo-Marine Inc. *Archeological Survey and Documentation of Fort D.A. Russell, in Presidio County.*

*October 1 to November 20, 2007

*Principle Investigator in charge of fieldwork and primary author

*Cultural resources encountered: Military Fort from late 1800's to early 1900's

*Presidio County, Texas, Trans-Pecos.

Center for Big Bend Studies. *02 Ranch Archaeological Reconnaissance*

*March 1, 2003 to May 28, 2003

*Served as Crew Chief supervising crew for regional research program. Devised field methodology (GIS data collection), recorded over 120 archaeological sites, developed and maintained GIS database, performed GIS analysis, made NRHP recommendations.

*Cultural resources encountered: Middle Archaic to Historic, Cielo Complex (nested, staked stone architecture), Chisos Focus and La Junta phase components, mounded burned rock middens, anular middens, pavement hearths, roasting pits, Prehistoric rock art, stratified rock shelters, mortal hole fields.

*Brewster County, Texas, Southern Trans-Pecos.

Center for Big Bend Studies. *Big Blue Creek II Prescribed Burn Survey*

*August 2003

*Served as Project Archaeologist, supervising crew for block survey in advance of prescribed burns. Devised field methodology (GIS data collection), recorded archaeological sites, developed and maintained GIS database, made NRHP and management recommendations, compiled state site forms (TexSite), and wrote report (Senior Author).

*Cultural resources encountered: Antelope Creek phase (stacked stone and semi-subterranean architecture, pottery, and artifact scatters), Unknown Prehistoric (hearths, small middens, and artifact scatters), Historic (structures and habitation remains) .

*Moore and Potter County, Texas, Southern Plains, Texas Panhandle, Alibates National Monument.

Center for the Environmental Management of Military Lands (CEMML). Mitigation of Prehistoric site at Fort Hood, Killeen TX

*Summer 2003

*Served as Crew member performing testing, excavation, site recording, and geophysical prospecting, artifacts analysis, and artifact illustration.

*Cultural resources encountered: Buried Late Prehistoric cultural surface (rock pavement), possible architectural foundation, lithic debris, shell midden, buried hearths.

*Central (Killeen) Texas.

Center for Big Bend Studies. *Plum Creek Prescribed Burn Survey*

*Fall 2003

*Served as Project Archaeologist, supervising crew for block survey in advance of prescribed burns. Devised field methodology (GIS data collection), recorded archaeological sites, identified and recorded architectural features (house features, storage pits, wall remnants), developed and maintained GIS database,

made NRHP and management recommendations, compiles state site forms (TexSite), and compiled report (Senior Author).

*Cultural resources encountered: Antelope Creek Phase (stacked stone and semi-subterranean architecture, ceramics, and artifact scatters), Unknown Prehistoric (hearths, small middens, and artifact scatters), Historic (structures and habitation remains).

*Moore and Potter Counties, Texas, Southern Plains, Texas Panhandle, Lake Meredith National Recreation Area.

Center for Big Bend Studies. *La Plata National Historic Monument Monitoring*

*Summer 2000

*Served as Crew Chief monitoring road expansion adjacent to historic schoolhouse site.

*Cultural resources encountered: Historic schoolhouse.

*Presidio County, Texas.

Center for Big Bend Studies. *Glass Mountain Reconnaissance*

*March 1, 1999 to May 2, 1999

*Served as Crew Chief supervising fieldwork for a regional research design focused on burned rock midden distributions in mountain settings (sample survey across approximately six square miles). Tasks included site recording, NRHP eligibility recommendations, feature planview mapping, test excavations, artifact analysis, GIS analysis, and synthesis within MA thesis.

*Cultural resources encountered: Middle Archaic to Late Prehistoric burned rock middens (ephemeral, mounded, anular, and crescent), hearth fields, open camp sites, artifact scatters, rock shelters.

*Brewster County, Texas, Southern Trans-Pecos.

Center for Big Bend Studies. *O2 Ranch Geomorphological Recording*

*June 1, 1999 to July 1, 1999

*Served as Crew Chief documenting the geomorphological context of approximately 40 buried features exposed in arroyo system. Tasks included site recording, feature profiling, carbon and matrix content collection, artifact analysis, and theolodite mapping.

*Cultural resources encountered: Middle Archaic to Late Prehistoric burned rock features, hearths, and buried cultural horizons.

*Brewster County, Texas, Southern Trans-Pecos.

Center for Big Bend Studies. *McGuire Ranch Investigations, Texas Archaeological Society Fieldschool*

*July 1, 2002 to December 29, 2004

*Served as a Crew Chief and instructor for survey and testing operations. Tasks included reconnaissance, survey, site recording, supervising test excavations, sample collection, artifact analysis, radio carbon sample preparation and analysis, GIS database development and analysis, and synthesis in MA thesis.

*Cultural resources encountered: Clovis, Middle Archaic to Late Prehistoric, Historic (Chihuahua Trail), Cielo Complex, Chisos Focus, La Junta Phase, rock shelters, burned rock middens, hearth fields, buried cultural horizons, ceramics.

*Presidio County, Texas, Southern Trans-Pecos.

Center for Big Bend Studies. *Happy Valley Rock Shelter*

* Summer 1999

*Served as crew member excavating a stratified rock shelter. Tasks included excavation, curation preparation, and artifact analysis.

*Cultural resources encountered: Unknown Prehistoric.

*Brewster County, Texas, Southern Trans-Pecos.

Center for Big Bend Studies. *Mills Family Artifact Collection Analysis*

*Summer 1999

*Served as a lab technician analyzing an extensive private artifact collection. Task included metric analysis, typological assignment, photography, and curation.

*Cultural resources encountered: Pale-Indian to Protohistoric.

*Brewster County, Texas, Southern Trans-Pecos.

Center for Big Bend Studies. *Marathon Basin Paleontological Excavation*

*Summer 1999

*Served as crew member excavating mammoth fossils in the Marathon Basin

*Cultural resources encountered: none.

*Brewster County, Texas, Southern Trans-Pecos.

Center for Big Bend Studies. *North Shore Marina Prescribed Burn Survey*

*Fall 1999

*Served as crew member for large block survey in anticipation of a proposed burn. Tasks included pedestrian survey, site recording, site form preparation.

*Cultural resources encountered: Antelope Creek Phase, unknown Prehistoric, Historic structures.

*Moore County, Texas, Panhandle of Texas, Lake Meredith National Recreation Area.

Center for Big Bend Studies. *Panther Junction Prescribed Burn*

*Served as crew member for a large block survey in anticipation of a prescribed burn. Tasks included pedestrian survey and site recording.

*Cultural resources encountered: Middle Archaic and Unknown Prehistoric (burned rock middens, hearths, mortar fields, artifact scatters).

*Brewster County, Texas, Big Bend National Park, Southern Trans-Pecos.

Center for Big Bend Studies. *Arroyo de la Presa Testing*

*Summer 2000

*Served as crew member excavating buried cultural deposits along the Rio Grande. Tasks included shovel probe testing, small block excavation, rock shelter mapping. Fieldwork included visits to several important sites in the La Junta district along the Rio Grande corridor (Polvo site and several large ring midden sites)

*Cultural resources encountered: La Junta phase buried deposits (roasting pits, buried midden, Chinnati and Chupadero ceramics).

*Presidio County, Texas, Southern Trans-Pecos, Rio Grande Corridor.

Center for Big Bend Studies. *Tall Rock Shelter Excavation and Rock Art Recording*

* Fall 1999

*Served as crew member recording Late Prehistoric rock art and performing test excavations in a stratified rock shelter deposit.

*Cultural resources encountered: Rock art panels and Late Prehistoric cultural deposits.

*Brewster County, Texas, Davis Mountains, Southern Trans-Pecos.

Center for Big Bend Studies. *Big Bend National Park Survey*

* February 1, 1998 to May 15, 1998

*Served as crew member performing pedestrian survey and subsurface testing for an environmental sampling project in the National Park (approximately 7000 acres in low desert setting and mountain environments). Tasks included site recording, subsurface testing, and archaeological cartography.

*Cultural resources encountered: Paleo-Indian to Historic period materials: Numerous rock shelters, open camps, burned rock middens, hearth fields, Cielo Complex staked stone structures, high ridge rock enclosures, crevice burial, Prehistoric rock art, mortar hole fields, buried cultural deposits, lithic quarries, historic immigrant camps, and historic candellia processing camps.

*Brewster County, Texas, Big Bend National Park, Southern Trans-Pecos.

New Mexico

Geo-Marine Inc. *5087 Acre Archaeological Survey on McGregor Range, Fort Bliss Military Reservation*

*January 15 to June 20, 2007

*Responsibilities included general office management, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (survey and site recording), contract management, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).
*Otero County, New Mexico, Trans-Pecos.

Geo-Marine Inc. *10,000 Acre Archaeological Survey on McGregor Range, Fort Bliss Military Reservation*

*January 15 to September 15, 2007

*Responsibilities included general office management, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (survey and site recording), contract management, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).

*Otero County New Mexico, Trans-Pecos.

Geo-Marine Inc. *9500 Acre Archaeological Survey for CACTF, McGregor Range, Fort Bliss Military Reservation*

*January 15 to August 20, 2007

*Responsibilities included general office management, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (survey and site recording), contract management, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).

*Otero County, New Mexico, Trans-Pecos.

Geo-Marine Inc. *4000 Acre Archaeological Survey on Dona Ana and McGregor Range TA25, Fort Bliss Military Reservation*

*January 15 to May 10, 2007

*Responsibilities included general office management, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (survey and site recording), contract management, editing support, reviewing management recommendations, and quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).

*Otero, New Mexico, Trans-Pecos.

Geo-Marine Inc. *6023 Acre Archaeological Survey on McGregor Range TA29 and TA32, Fort Bliss Military Reservation*

*March 1, 2007 to June 30, 2008

*Responsibilities included general office management, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (survey and site recording), contract management, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).

*Otero, New Mexico, Trans-Pecos.

Geo-Marine Inc. *Mitigation of Six Sites on McGregor Range TA32a, Fort Bliss Military Reservation*

*September 1, 2007 to August 6, 2008

*Responsibilities included general office management, scheduling and coordination, methodological improvement, contract management, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).

*Otero County, New Mexico, Trans-Pecos.

Geo-Marine Inc. *4000 Acre Archeological Survey of CACTF Options I and TA25, McGregor Range, Fort Bliss Military Reservation.*

*January 15, 2007 to May 10, 2008

*Responsibilities included general office management, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (survey and site recording), contract management, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).

*Otero County, New Mexico, Trans-Pecos.

Geo-Marine Inc. *Mitigation of 10 Sites on MA 4, 5, and 6, Fort Bliss Military Reservation*

*January 15, 2007 to March 10, 2008

*Responsibilities included general office management, scheduling and coordination, methodological improvement, participated in excavation as a crew member, analysis and contributing author, contract management, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).

*Otero and Dona Ana, New Mexico, Trans-Pecos.

Geo-Marine Inc. *Mitigation of Six Sites along FAW10, Fort Bliss Military Reservation*

*June 1, 2007 to May 10, 2008

*Responsibilities included general office management, development of research design, proposal, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (excavation), analysis and contributing author, contract maintenance, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses).

*Otero County, New Mexico, Trans-Pecos.

Geo-Marine Inc. *2000 Acre Archaeological Survey in Support of Base Realignment and Closure, Fort Bliss Military Reservation.*

*September 13, 2007 to present

*Responsibilities included general office management, development of research design, proposal, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (survey and site recording), contract maintenance, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics, pit houses, pueblo remnants).

*El Paso County, Texas, Trans-Pecos.

Geo-Marine Inc. *Archaeological Survey for a Border Patrol Forward Operating Base, Deming Station.*

* March 1 to May 5, 2007

*Principle Investigator in charge of fieldwork and primary author

*Cultural resources encountered: Small historic trash scatters and lithic scatter

*Luna County, New Mexico, Trans-Pecos.

Geo-Marine Inc. *Archaeological Survey for a Border Patrol Tactical Infrastructure, Deming Station.*

*April 5 to April 20, 2007

*Principle Investigator in charge of fieldwork, primary author, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada and Mimbres Mogollon logistical and residential sites.

*Dona Ana and Luna Counties, New Mexico, Trans-Pecos.

Geo-Marine Inc. *Archaeological Monitoring of Border Patrol Construction Activities along the Southern New Mexico Border, Deming Station.*

*March 1, 2007 to present

*Principle Investigator in charge of fieldwork, primary author, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada and Mimbres Mogollon logistical and residential sites.

*Dona Ana and Luna Counties, New Mexico, Trans-Pecos.

Geo-Marine Inc. *Archaeological Survey for Infrastructure Upgrades at the Santa Theresa Port of Entry, New Mexico.*

*January 1 to March 1, 2008

*Principle Investigator in charge of fieldwork, primary author, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada and Mimbres Mogollon logistical and residential sites.

*Dona Ana County, New Mexico, Trans-Pecos.

Geo-Marine Inc. *3023 Acre Survey on McGregor and Dona Ana Ranges, Fort Bliss Military Reservation*

* March 1, 2007 to February 22, 2008

*Responsibilities included general office management, development of research design, proposal, scheduling and coordination, methodological improvement, periodic supervision of fieldwork (survey and site recording), contract maintenance, editing support, reviewing management recommendations, quality assurance of deliverables.

*Cultural resources encountered: Jornada Mogollon - Late Archaic thermal features and artifact scatters, Formative period (Mesilla, Dona Ana, and El Paso phases) logistical and residential sites (artifact scatters, thermal features, diverse ceramics).

*Otero and Dona Ana, Luna Counties, New Mexico, Trans-Pecos.

Greystone Environmental. *Southeast New Mexico Professional development*

*October 2, 2005, to October 12, 2005.

* I visited the Southeast region of New Mexico, working closely with archaeologists of the Bureau of Land Management, Carlsbad Field Office (BLM CFO) and Carlsbad Caverns National Park. This effort was undertaken to gain professional experience with cultural resources in that region so that I may eventually be added to Greystone's cultural resource investigation permit as a project director and field supervisor. In the course of the project, I visited eight substantial archaeological sites with features and artifact assemblages that are representative of cultural resources in the region. In addition, I worked alongside BLM CFO archaeologists in the field and in their Field Office, discussing management recommendations, archaeological undertakings, as well as updating sites as part of a long term monitoring effort.

*Cultural resources encountered: different types of burned rock middens, caliche scatters, pit rooms, surface room blocks, wickup rings, a wide variety of ceramics (generally Jornada Mogollon and Apache).

*Eddy and Lea Counties, Southeast New Mexico.

Greystone Environmental of Arcadis, *Energen Roads*

* September 15, 2005 to October 1, 2005

*Served as a crew member performing pedestrian survey for a gas pipeline (approximately 20 miles). Tasks included site recording, subsurface testing, engineering re-routes, and contributing to final report.

*Cultural resources encountered: Basket Maker III, Pueblo I and Pueblo II habitation sites and artifacts scatters (pit houses, room blocks, middens, hearths, Rosa, Piedra, Arboles ceramics, Approximately 60 sites).

*Carson National Forest, Caracas Mesa, Northern San Juan Area, New Mexico.

Greystone Environmental of Arcadis, *Energen Pipeline*

*August 24, 2005 to September 15, 2005

*Served as a crew member performing pedestrian survey for a gas pipeline (approximately 20 miles). Tasks included site recording, subsurface testing, engineering re-routes, and contributing to final report.

*Cultural resources encountered: Basket Maker III, Pueblo I and Pueblo II habitation sites and artifacts scatters (pit houses, room blocks, middens, hearths, Rosa, Piedra, Arboles ceramics, Approximately 60 sites).

*Carson National Forest, Caracas Mesa, Northern San Juan Area, New Mexico.

Greystone Environmental of Arcadis, *Black Hills Well #12-24*

* September 1, 2005

*Served as a crew member performing pedestrian survey for a gas well. Tasks included site recording..

*Cultural resources encountered: Basket Maker III, Pueblo I and Pueblo II habitation sites and artifacts scatters (pit houses, room blocks, middens, hearths, Rosa, Piedra, Arboles ceramics, Approximately 60 sites).

*Carson National Forest, Caracas Mesa, Northern San Juan Area, New Mexico.

Wyoming

ARCADIS G&M-Greystone. *Dry Willow Phase3*

*July 14, 2006 to December, 2006

* Served as Principle Investigator, coordinating multiple crews, supervising crews for an approximately 4000 acre coalbed methane plan of development. Tasks included GIS, contributions to final report, management recommendations, on-site meetings with client and BLM, follow-up, and quality assurance.

*Cultural resources encountered: historic homesteads, lithic scatters, prehistoric camps.

*Johnson and Campbell Counties, Powder River Basin, Wyoming.

ARCADIS G&M-Greystone. *POD Ocla Draw Mitigation*

*July 11 1, 2006 to September, 2006

*Served as Principle Investigator, coordinating multiple crews, supervising crews for mitigation of seven sites along a pipeline. I served as Project Archaeologist for the initial survey and evaluative testing effort. Tasks include excavation fieldwork, analysis, and report preparation (Senior Author).

*Cultural resources encountered: Middle Archaic to Late Prehistoric house-pits, thermal features, broadcast cultural deposits and activity areas.

*Fremont County, Wind River Basin, Wyoming.

ARCADIS G&M-Greystone. *Table Mountain Phase 4 POD*

*June 20, 2006 to August, 2006

* Served as Principle Investigator, coordinating multiple crews, supervising crews for an approximately 4000 acre coalbed methane plan of development. Tasks included GIS, contributions to final report, management recommendations, on-site meetings with client and BLM, follow-up, and quality assurance.

*Cultural resources encountered: historic homesteads, lithic scatters, prehistoric camps.

*Johnson and Campbell Counties, Powder River Basin, Wyoming.

ARCADIS G&M-Greystone. *Dry Willow Phase 2 POD*

*March 20, 2006 to August, 2006

*Served as Principle Investigator, coordinating multiple crews, supervising crews for an approximately 4000 acre coalbed methane plan of development. Tasks included GIS, contributions to final report, management recommendations, on-site meetings with client and BLM, follow-up, and quality assurance.

*Cultural resources encountered: historic homesteads, lithic scatters, prehistoric camps.

*Johnson and Campbell Counties, Powder River Basin, Wyoming.

ARCADIS G&M-Greystone. *Kingwood 2 POD*

*January 1, 2006 to July 12, 2006

*Served as Principle Investigator, coordinating multiple crews supervising crews for an approximately 7000 acre coalbed methane plan of development. Tasks included fieldwork, site recording, data processing, GIS, report writing, management recommendations, on-site meetings with client and BLM, follow-up, and quality assurance.

*Cultural resources encountered: historic homesteads, lithic scatters, prehistoric camps, Plaeo-Indian to Late Prehistoric features and buried cultural deposits.

*Johnson County, Powder River Basin, Wyoming.

Greystone Environmental. *Double Tanks*

*October 15, 2005 to October 17, 2005

*Served as Crew Chief supervising crews for coal-bed methane well pads, pipelines, and access road (5 section block survey) Tasks included recording sites, and making NRHP recommendations, landowner interviews, and contributing to final report.

*Cultural resources encountered: historic homesteads, lithic scatters, prehistoric camps (hearths and FCR scatters).

*Johnson County, Powder River Basin, Wyoming.

Greystone Environmental. *Sigma Tau*

*October 15, 2005 to November 10, 2005

*Served as Crew Chief supervising crews for coal-bed methane well pads, pipelines, and access road (5 section block survey) Tasks included recording sites, and making NRHP recommendations, landowner interviews, and contributing to final report.

*Cultural resources encountered: historic homesteads, lithic scatters, prehistoric camps (hearths and FCR scatters).

*Johnson County, Powder River Basin, Wyoming.

Greystone Environmental. *Nurse Draw*

*October 15, 2005 to November 15, 2005

*Served as Crew Chief supervising crews for coal-bed methane well pads, pipelines, and access road (5 section block survey) Tasks included recording sites, and making NRHP recommendations, landowner interviews, and contributing to final report.

*Cultural resources encountered: historic homestead, lithic scatters, prehistoric camps (hearths and FCR scatters).

*Johnson County, Powder River Basin, Wyoming.

Greystone Environmental. *Gas Draw POD*

*August 2, 2005 to November 10, 2005

*Served as Project Manager and Project Archaeologist supervising crew for coal-bed methane, pipelines, and access road (22 acres of linear and block survey). Tasks included budget estimates, planning logistics, maintaining client and agency contacts, recording sites, staking infrastructure, and making NRHP recommendations.

*Cultural resources encountered: Unknown Prehistoric lithic scatters and burned rock features.

*Campbell County, Powder River Basin, Wyoming.

Greystone Environmental. *Castle Gardens#13-44 Well*

*July 2, 2005 to July 6, 2005

*Served as Project Archaeologist supervising crew for natural gas well pad, pipeline, and access road (22 acres of linear and block survey). Tasks included budget estimates, planning logistics, maintaining client and agency contacts, recording sites, and making NRHP recommendations. Served as senior author for final report.

*Cultural resources encountered: Historic (shepherd camp) and unknown Prehistoric (mostly lithic scatters).

*Fremont County, Wind River Basin, Wyoming.

Greystone Environmental. *Ocla Draw Monitoring*

*July 6, 2004 to July 19, 2005

*Served as Project Archaeologist supervising crew for natural gas well pad, pipeline, and access road. Monitored raised road bed construction, access road blading, and pipeline construction. Tasks included budget estimates, planning logistics, feature salvage, protective fence construction, site recording, site stabilization, engineering of re-routes, client and agency coordination, drafting testing and mitigation proposal, site form and report compilation (senior author).

*Cultural resources encountered: Historic (railroad) and unknown Prehistoric (hearths and roasting pits). Encountered 6 features (three sites) in blade scar.

*Fremont County, Wind River Basin, Wyoming.

Greystone Environmental. *Massive Pipeline*

* May 5, 2004 to June 5, 2005

*Served as Project Archaeologist supervising multiple crews for natural gas pipeline (15 miles of linear survey). Tasks included feature salvage, protective fence construction, site recording, engineering of re-routes, subsurface testing (shovel probes, test units, and Giddings cores), client and agency coordination, site form and report compilation (senior author).

*Cultural resources encountered: Historic, Paleo-Indian, and unknown Prehistoric (hearths, roasting pits, thermal raw material treatment features, and lithic scatters), 29 sites.

*Fremont County, Wind River Basin, Wyoming.

Greystone Environmental. *Massive #23-34 Natural Gas Well Access Road*

*February 22, 2005 to March 28, 2005

*Served as Project Archaeologist supervising crew for well pad access road. Tasks included feature salvage, protective fence construction, site recording, engineering of re-routes, testing (shovel probes, test units), client and agency coordination, site form and report compilation (senior author).

*Cultural resources encountered: Historic, Paleo-Indian, and unknown Prehistoric (hearths, roasting pits, and lithic scatters), 11 sites.

*Fremont County, Wind River Basin, Wyoming.

Greystone Environmental. *Elbert #28-12*

*January 15, 2005 to March 5, 2005

*Served as Project Archaeologist supervising crew for well pad, pipeline, and access road (linear and small block, 38 total acres). Tasks included site recording, engineering of re-routes, testing (shovel probes, test units), NRHP recommendations, client and agency coordination, site form and report compilation (senior author).

*Cultural resources encountered: Historic, Paleo-Indian, and unknown Prehistoric (can and lithic scatters), three sites.

*Fremont County, Wind River Basin, Wyoming.

Greystone Environmental. *Limited Evaluative Testing at Site 48FR5598*

*April 8, 2005 to April 26, 2005

*Served as Project Archaeologist supervising crew for evaluative testing of a burned rock scatter. Tasks included excavation of shovel probes, 1 x 1 test unit, planview and profile sketching, client and agency coordination, and report drafting (senior author).

*Cultural resources encountered: Unknown Prehistoric (burned rock scatter).

*Fremont County, Wind River Basin, Wyoming.

Greystone Environmental. *Gannett and Teton Natural Gas Wells*

*December 20, 2004 to December 21, 2005

*Served as Crew member for survey of two natural gas well pads, access roads, and pipelines (63 total acres).

*Cultural resources encountered: Unknown Prehistoric (burned rock scatters, hearths, and lithic scatters).

*Fremont County, Powder River Basin, Wyoming.

Greystone Environmental. *Triangle Central Unit, Natural Gas Wells*

*January 20, 2005 to January 24, 2005

*Served as Crew Chief for survey of multiple coal-bed methane well pads, access roads, and pipelines (687 total acres), maintained GIS database, drafted maps, and compiled site forms.

*Cultural resources encountered: Unknown Prehistoric (burned rock scatters, hearths, lithic scatters, and historic debris scatters).

*Campbell County, Powder River Basin, Wyoming.

Greystone Environmental. *Travis Federal Pipeline*

*May 17, 2004 to June 17, 2004

*Served as Project Archaeologist supervising crew for natural gas pipeline (linear, 22 total acres). Report compilation (senior author).

*Cultural resources encountered: 2 sites, both lithic scatters.

*Fremont County, Powder River Basin, Wyoming.

Greystone Environmental. *Crazy Woman Well Access*

*November 6, 2004 to November 10, 2004

*Served as Project Archaeologist supervising crew for coal-bed methane well access road (22 linear acres). Compiled report and site forms (senior author).

*Cultural resources encountered: one historic trail/road.

*Johnson County, Powder River Basin, Wyoming.

Greystone Environmental. *Kingwood Plan of Development*

*July 9, 2004 to August 30, 2005

*Served as Project Archaeologist supervising several crews for a 14 square mile block survey involving 100 percent survey and subsurface testing for coal-bed methane development. Planned logistics, recorded cultural resources, performed subsurface testing, made NRHP recommendations, maintained GIS databases, compiled state cultural resource forms, and contributed to final report.

*Cultural resources encountered: Paleo-Indian, Archaic, Late Prehistoric, Protohistoric, and Historic materials, including buried cultural deposits, rock shelters, hearths, burned rock scatters, Plains ceramics, lithic procurement localities, faunal assemblages, historic rock art, Protohistoric trade beads and metal projectile points, and historic homestead.

*Campbell and Johnson Counties, Powder River Basin, Wyoming.

Greystone Environmental. *All Night Creek V Addition*

*October 22, 2004 to November 18, 2004

*Served as Project Archaeologist supervising several crews for a 4 square mile block survey involving 100 percent survey and subsurface testing for coal-bed methane development. Planned logistics, recorded cultural resources, performed subsurface testing, made NRHP recommendations, maintained GIS databases, compiled state cultural resource forms, and contributed to final report.

*Cultural resources encountered: Paleo-Indian, Archaic, Late Prehistoric, Protohistoric, and Historic materials.

*Campbell and County, Powder River Basin, Wyoming.

Greystone Environmental. *Wormwood Plan of Development*

*July 9, 2004 to August 30, 2005

*Served as Project Archaeologist supervising several crews for a 14 square mile block survey (coal-bed methane field) involving survey 100 percent survey and subsurface testing. Planned logistics, recorded cultural resources, performed subsurface testing, made NRHP recommendations, maintained client and agency contacts, maintained GIS databases, compiled state cultural resource forms, and contributed to final report.

*Cultural resources encountered: Paleo-Indian, Archaic, Late Prehistoric, Protohistoric, and Historic materials.

*Campbell County, Powder River Basin, Wyoming.

Western Land Service. *SG Palo Plan of Development*

*March 1, 2004 to April 1, 2004

*Served as Project Archaeologist supervising several crews for a 2 square mile block survey (for coal-bed methane field) involving 100 percent pedestrian survey. Planned logistics, recorded cultural resources, made NRHP recommendations, maintained GIS databases, compiled state cultural resource forms, and compilation of final report (senior author).

*Cultural resources encountered: Middle Archaic, Unknown Prehistoric, and Historic materials.

*Campbell County, Powder River Basin, Wyoming.

Western Land Service. *South Prong Plan of Development*

*April 1, 2004 to June 1, 2004

*Served as Project Archaeologist supervising several crews for a 6 square mile block survey (for natural gas field) involving survey 100 percent survey and subsurface testing. Planned logistics, recorded cultural resources, made NRHP recommendations, maintained client and agency contacts, maintained GIS databases, compiled state cultural resource forms, and compilation of final report (senior author).

*Cultural resources encountered: Paleo-Indian (Hell-Gap) , Archaic, Late Prehistoric, Protohistoric, and Historic materials.

*Campbell County, Powder River Basin, Wyoming.

Western Land Service. *Carr Draw Plan of Development*

*June 1, 2004 to August 1, 2004

*Served as Project Archaeologist supervising several crews for a 6 square mile block survey (for natural gas field) involving survey 100 percent survey and subsurface testing. Planned logistics, recorded cultural resources, made NRHP recommendations, maintained GIS databases, compiled state cultural resource forms, and compilation of final report (senior author).

*Cultural resources encountered: Paleo-Indian, Archaic, Late Prehistoric, Protohistoric, and Historic materials.

*Campbell County, Powder River Basin, Wyoming

Western Land Service. *Schoonover Plan of Development #5*

*August 1, 2004 to August 15, 2004

*Served as Crew Chief for an 18 square mile block survey (for natural gas field) involving survey 100 percent survey and subsurface testing. Planned logistics, recorded cultural resources, made NRHP recommendations.

*Cultural resources encountered: Paleo-Indian, Archaic, Late Prehistoric, Protohistoric, and Historic materials.

*Campbell County, Powder River Basin, Wyoming.

Western Land Service. *Duck Creek Plan of Development*

*March 15, 2004 to April 7, 2004

*Served as Project Archaeologist supervising several crews for a block survey (for natural gas field) involving survey 100 percent survey and subsurface testing. Planned logistics, recorded cultural resources, made NRHP recommendations, maintained client and agency contacts, maintained GIS databases, compiled state cultural resource forms, and compilation of final report (senior author).

*Cultural resources encountered: Paleo-Indian, Archaic, Late Prehistoric, Protohistoric, and Historic materials.

*Campbell County, Powder River Basin, Wyoming.

Centennial Archaeology. *Arminto and Fuller Reservoir Units*

*November 1, 2003 to December 10, 2003

*Served as Crew member for block survey (8 square miles). Performed pedestrian survey and site recording.

*Cultural resources encountered: Expansive lithic scatters, partially buried heath features, buried cultural horizons, roasting pits, historic trails, Prehistoric cairns.

*Fremont County, Wind River Basin, Wyoming.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Centennial Ridge Fuel Reduction*

*May 10, 2002 to May 11, 2002

*Served as Crew Chief, performing block survey for proposed prescribed burn (block survey). Recorded sites, made NRHP and management recommendations.

*Cultural resources encountered: Historic mining district (prospecting pits, shafts, slews).

*Laramie County, Wyoming, Rocky Mountain Region.

Metcalf Archaeological Consultants. *Ruby Light Lateral*

* Fall 1999

*Served as a Crew member performing pedestrian survey and subsurface testing for a natural gas pipeline (over 50 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, and site form compilation.

*Cultural resources encountered: Prehistoric camps, historic homesteads and camps.

*Carbon, Natrona, and Fremont Counties, Wyoming.

Metcalf Archaeological Consultants. *Wind River Lateral*

* 1998

* Served as a Crew member performing pedestrian survey and subsurface testing for a natural gas pipeline (over 50 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, and site form compilation.

*Cultural resources encountered: Paleo-Indian to Late Prehistoric open campsites (hearths and burned rock scatters), stone circle sites and villages, lithic scatters, historic debris scatters and homesteads.

*Laramie and Platte Counties, Southeast Wyoming.

Metcalf Archaeological Consultants. *Powder River Lateral*

* May 20, 1998 to August 28, 1998

*Served as Crew member performing pedestrian survey and subsurface testing for a natural gas pipeline (over 50 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, public records searches, and site form compilation.

*Cultural resources encountered: Paleo-Indian to Late Prehistoric open campsites (hearths and burned rock scatters) and lithic scatters, historic debris scatters and homesteads.

*Laramie, Albany, and Platte Counties, Southeast Wyoming.

Metcalf Archaeological Consultants. *Medicine Bow Lateral*

*1999

*Served as Crew member performing pedestrian survey and subsurface testing for a natural gas pipeline (over 100 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, public records searches, and site form compilation.

*Cultural resources encountered: Paleo-Indian to Late Prehistoric open campsites (hearths and burned rock scatters) and lithic scatters, historic debris scatters and homesteads.

*Laramie and Platte Counties, Southeast Wyoming.

Metcalf Archaeological Consultants. *Marbleton Excavation*

*1998

*Served as Crew member excavating a small, multi-component McKean Site. Tasks included excavation, point plotting artifacts, sample collection, screening, artifact inventories, lab analysis, flotation.

*Cultural resources encountered: buried cultural horizon with roasting pits, hearths, burned rock scatters, faunal assemblage, and numerous chipped stone artifacts.

*Sublette County, Wyoming.

Colorado

USDA Forest Service, Arapaho-Roosevelt National Forest. *Sheep Creek I Fuel Reduction*

*July 28, 2001 to August 10, 2001

*Served as Crew Chief, performing block survey for proposed prescribed burn (block survey). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author), integrated experiential education with Ute Mountain Conservation Corps working with Native American Youth.

*Cultural resources encountered: Prehistoric materials (lithic scatters and ephemeral camps) and historic logging camps.

* Larimer County, Canyon Lakes Ranger District, Rocky Mountains Region, Colorado.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Pawnee Road Obliteration I*

*July 5, 2001 to July 29, 2002

*Served as Crew Chief supervising multiple crews, performing survey for road reclamation projects (linear survey of approximately 15 miles). Recorded sites, subsurface testing, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author)

*Cultural resources encountered: Historic structures (Depression Era) and Plains Prehistoric (hearths, lithic scatters, rock shelters, stone circles).

*Weld County, Colorado, Pawnee Grasslands.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Sheep Creek II Fuel Reduction Monitoring*

*July 31, 2002 to August 28, 2002

*Served as Crew Chief supervising multiple crews, performing survey for fuel reduction. Recorded sites, performed subsurface testing, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author).

*Cultural resources encountered: Historic structures (Depression Era) and Plains Prehistoric (hearths, buried cultural deposits, lithic scatters, historic homesteads and livestock facilities, and mining pits).

*Larimer County, Wyoming, Canyon Lakes Ranger District.

USDA Forest Service, Arapaho-Roosevelt National Forest. *High Lonesome Tiber Sale*

*June 5, 2001 to July 16, 2001

*Served as Crew Chief supervising multiple crews, performing block survey for proposed prescribed burn (linear block survey class II and class III,). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author).

*Cultural resources encountered: Historic mining and logging camps and unknown Prehistoric open campsites and lithic scatters.

*Gilpin County, Colorado, Sulphur Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Sulphur Ranger District Trail System*

*August 1, 2002 to August 15, 2002

*Served as Crew Chief, performing block survey for trail improvements (linear and block survey). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author):

*Cultural resources encountered: Historic ski huts, Prehistoric alpine open camps and lithic scatters, and logging camps.

*Gilpin County, Colorado, Sulphur Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Roach and Pescado Improvements*

*July 1, 2002 to July 4, 2002

*Served as Crew Chief, performing block survey for grazing allotment (linear and small block survey). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author).

*Cultural Resources Encountered: Paleo-Indian isolate, Historic Homestead, Unknown Prehistoric

*Larimer County, Colorado, Canyon Lakes Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Moffat Road Improvements*

*June 10, 2002 to June 14, 2002

*Served as Crew Chief, performing block survey for road improvements. Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author).

*Cultural Resources Encountered: Historic lumber mill

*Boulder County, Colorado, Boulder Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *North Platte AMP*

*May 15, 2002 to May 28, 2002

*Served as Crew Chief, performing block survey for proposed prescribed burn timber harvest road reclamation grazing allotment projects (block survey). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author)

*Cultural resources encountered: Unknown Prehistoric open camps, lithic scatters, and historic log cabin homesteads.

*Larimer County, Colorado, Clear Creek Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Green Ridge AMP*

*June 15, 2002 to August 1, 2002.

*Served as Crew Chief, performing block survey for proposed prescribed burn and timber harvest (linear and small block sample blocks). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and contributed to final report.

*Cultural resources encountered: Unknown Prehistoric open camps, lithic scatters, and historic homesteads.

*Colorado, Route national Forest, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Buckhorn Canyon Fuel Reduction*

*May 15, 2002 to May 31, 2002

*Served as Crew Chief, performing block survey for proposed prescribed burn (linear and small block survey). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and contributed to report.

*Cultural resources encountered: Mountain Prehistoric (lithic scatter and possible hunting blinds) Historic homesteads.

*Larimer County, Colorado, Canyon Lakes Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. , *Sante Fe and Columbine Fuel Reduction*

*July 2, 2002 to July 11, 2002

*Served as Crew Chief, performing block survey for prescribed burn timber harvest road reclamation (linear and small block survey). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author).

*Cultural resources encountered: Mountain Prehistoric, Historic homesteads (cabins), historic mining camps.

*Boulder County, Colorado, Clear Creek Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Caribou and West Magnolia Fuel Reduction*

*Summer season, 2002

*Served as Crew Chief, performing block survey for proposed prescribed (block survey). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author).

Cultural resources encountered: Prehistoric open camps, lithic scatters, and mining camps.

*Boulder County, Colorado, Boulder Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest, *Stove Prairie Timber Harvest*

*Summer season, 2002

*Served as Crew Chief, performing block survey for timber harvest (linear and small block, class II). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author).

*Cultural resources encountered: Historic mining and logging features, unknown Prehistoric lithic scatters, aspen art.

*Larimer County, Colorado, Canyon Lakes Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Devils Thumb Trail Expansion*

*Summer season, 2002

*Served as Crew Chief, performing block survey for trail improvements (linear survey). Recorded sites, made NRHP and management recommendations, maintained inter-agency contacts and coordination, and compiled report (senior author).

*Cultural resources encountered: Historic mining and logging features, unknown Prehistoric lithic scatters, aspen art.

*Gilpin County, Colorado, Sulphur Ranger District, Rocky Mountain Region.

USDA Forest Service, Arapaho-Roosevelt National Forest. *Hessie Townsite Recording*

*June 20, 2002

*Served as Crew Chief recording a small historic town site. Tasks included recording features, photography, artifact analysis, and contributing to final report.

*Cultural resources encountered: Schoolhouse, saloon, residences, brothel.

*Boulder County, Colorado, Boulder Ranger District, Rocky Mountain Region.

Metcalf Archaeological Consultants. *Vail ISD survey*

* 1999

*Served as Crew member performing pedestrian survey for a small land exchange. Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, and site form compilation.

*Cultural resources encountered: none.

*Vail County, Colorado.

Metcalf Archaeological Consultants. Nixon Lateral

* 1999

* Served as a Crew member performing pedestrian survey and subsurface testing for a natural gas pipeline (over 50 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, and site form compilation.

*Cultural resources encountered: Paleo-Indian to Late Prehistoric open campsites (hearths and burned rock scatters) and lithic scatters, historic debris scatters and homesteads.

*Teller County, Colorado.

Metcalf Archaeological Consultants. *C470 Ramp*

* 1999

* Served as a Crew member performing pedestrian survey and subsurface testing for a natural gas pipeline (over 50 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, and site form compilation.

*Cultural resources encountered: Late Prehistoric open campsites (hearths and burned rock scatters), lithic scatters, historic debris scatters, and homesteads.

*El Paso County, Colorado.

Metcalf Archaeological Consultants.), *Cucharas Lateral*

*1998

*Served as Crew member performing pedestrian survey and subsurface testing for a natural gas pipeline (over 50 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, public records searches, and site form compilation.

*Cultural resources encountered: Paleo-Indian to Late Prehistoric open campsites (hearths and burned rock scatters, pit house remnants) and lithic scatters, historic debris scatters, historic railroad segments, and homesteads.

*Las Animas Co., Southeast CO, Purgatoire River Drainage.

Pioneer Historic Association of Bent County. *Boggsville Historic Site Inventory*

*May 10, 1997 to August 30, 1997

*Served as lab technician performing analysis and curation of artifacts associated with homestead remains at the Boggsville Historic Site.

*Cultural resources encountered: Adobe homestead associated with Kit Carson and Bent's Fort. Artifacts consisted mostly of domestic and industrial debris (ranching), as well as a Protohistoric component of worked glass tools. Fieldwork was intermixed with classes and fieldtrips with the University of Colorado, including visits to the Pinon Canyon Maneuver Site. Visits to this locality included tours of Prehistoric rock art and Apishpa Phase architectural features (nested stacked stone habitation complexes).

*Las Animas County, Southeast Colorado.

Colorado State University. *Kyrene Expansion Project*

*Fall and Summer of 2001

*Served as lab technician analyzing soil samples in order to acquire absolute dates for archaeological features (burned pit house floors and hearths) and anthropogenic soils.

*Cultural resources encountered: Soil samples from archaeological features.

*Las Animas County, Southeast Colorado.

North Dakota

Metcalf Archaeological Consultants. *Road 151 expansion*

* 1998

* Served as a crew member performing pedestrian survey and subsurface testing for road expansion (over 20 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, and site form compilation.

*Cultural resources encountered: Late Prehistoric open campsites (hearths and burned rock scatters) and lithic scatters, historic debris scatters and homesteads.

*North Dakota.

Utah

Metcalf Archaeological Consultants, *Uinta Lateral*

* 2001, approximately 30 days

*Served as Served as a crew member performing pedestrian survey and subsurface testing for a natural gas pipeline (over 60 miles). Tasks included site recording, mapping, subsurface testing, artifact illustration, map drafting, public records searches, and site form compilation.

*Cultural resources encountered: Paleo-Indian to Late Prehistoric open campsites- Archaic and Fremont, (hearths and burned rock scatters) and lithic scatters, historic debris scatters homesteads, sheep herder camps, and aspen art.

*Salt Lake vicinity and Uinta Mountains, Utah.

Kansas

University of Kansas Field School

*August 10, 2001 to August 17, 2001

*Served as a crew member excavating a small Paleo-Indian bison kill. Tasks included excavation, faunal identification, casting, point plotting, screening, and sample inventories.

*Cultural resources encountered: culturally modified faunal remains and micro-debitage.

*Northwestern Kansas.

Nebraska

Greystone Environmental. *Three Crows*

*December 15 2005 to January 15, 2006.

*Served as Crew Chief supervising crews for large block survey of uranium mine (5 section block survey) Tasks included recording sites, and making NRHP recommendations, landowner interviews, and contributing to final report.

*Cultural resources encountered: historic homesteads, lithic scatters, and prehistoric camps.

*Sioux County, Nebraska.

Volunteer Work

Colorado State University *Kaplan Hoover Bison Kill*.

* Summer and Fall of 2001

*Served as a volunteer crew member excavating a Bison kill and processing locality.

*Cultural resources encountered: Later Prehistoric faunal assemblage (Bison, MNI>200).

*Weld County, Colorado.

Grand Mesa National Forest, Lands End Site

*September to December, 1997

* Duties included assembling documents in order to list the Prehistoric Land's End site on the National Register for Historic Places.

*Cultural resources encountered: Early Archaic features (hearths) and lithic assemblage.

*Mesa County, Colorado.

University of Colorado Garden of the Gods National Monument

*Summer and Fall of 2001

*Served as a volunteer crew member excavating bison remains (natural fatality) from deposits in the National Monument. Task included excavation, faunal analysis, and preservation.

*Cultural resources encountered: none.

*Teller County, Colorado.

Periodical Publication

2006 Archaeological Investigations at Perdiz Creek and Gilliland Canyon, An Inter-Landscape Analysis in the Southern Trans Pecos Region of Texas. Bulletin of the Texas Archaeological Society.

Reports Authored:

2006-2013 (GMI and CBBS) report citations are in preparation.

- 2006 *Results of Evaluative Testing at Seven Sites along the Ocla Draw Pipeline*. Report on file at BLM, Buffalo Field Office, Wyoming.
- 2006 *Trend Exploration, Flt Creek Federal Wells* . Report on file at BLM, Buffalo Field Office, Wyoming.
- 2006 *Citation Petroleum Corp. Added Facilities to the Triangle North Unit* . Report on file at BLM, Buffalo Field Office, Wyoming.
- 2006 *Citation Petroleum Corp. Added Facilities to the Triangle North Unit* . Report on file at BLM, Buffalo Field Office, Wyoming.
- 2006 *Anadarko Petroleum Corp. Added Facilities to the Sigma Tau POD* . Report on file at BLM, Buffalo Field Office, Wyoming.
- 2006 *Anadarko Petroleum Corp. Added Facilities to the Sigma Tau POD* . Report on file at BLM, Buffalo Field Office, Wyoming.
- 2006 *Williams Production Kingwood 2 Plan of Development*. Report on file at BLM, Buffalo Field Office, Wyoming.
- 2006 *Citation Horse Creek North Federal Coalbed Methane Well*. Report on file at BLM, Buffalo Field Office , Wyoming.
- 2006 *Windsor Energy Group, Horse Creek North POD Reservoir*. Report on file at BLM, Buffalo Field Office , Wyoming.
- 2006 *EnCana Oil & Gas USA, Inc. Results of the Open Trench Inspection of the Ocla Draw Pipeline , Fremont County, Wyoming*. Report on file at BLM, Lander Field Office , Wyoming.
- 2006 *EnCana Oil & Gas USA, Inc. Construction Monitoring at the Travis Federal#12-33 Well, Access Road, and Pipeline , Fremont County, Wyoming*. Report on file at BLM, Lander Field Office , Wyoming.
- 2006 (contributing author) *Williams Production RMT, . Kingwood Unit 1 Plan of Development, Johnson County, Wyoming*. Report on file at BLM, Buffalo Field Office , Wyoming.
- 2006 (contributing author) *Williams Production RMT, . Wormwood Unit 1 Plan of Development, Campbell County, Wyoming*. Report on file at BLM, Buffalo Field Office , Wyoming.
- 2005 *Professional Development in Southeast New Mexico*. Report on file at BLM Carlsbad Field Office, Carlsbad New Mexico.
- 2005 *BTR Energy Beartooth Transmission Line, Park County Wyoming*. Report on file at BLM, Cody Field Office, Wyoming.
- 2005 *EnCana Oil & Gas USA, Inc. Ocla Draw Well, Access Road, and Pipeline Construction Monitoring and Evaluative Testing proposal, Fremont County, Wyoming*. Report on file at BLM, Lander Field Office, Wyoming.
- 2005 *EnCana Oil & Gas USA, Inc. Campwest Pipeline, Fremont County, Wyoming*. Report on file at BLM, Lander Field Office, Wyoming.
- 2005 *EnCana Oil & Gas USA, Inc. Castle Gardens Well Access Road, Fremont County, Wyoming*. Report on file at BLM, Lander Field Office, Wyoming.

- 2005 *EnCana Oil & Gas USA, Inc., Limited Evaluative testing at Site, Fremont County, Wyoming.* Report on file at BLM, Lander Field Office, Wyoming.
- 2005 *EnCana Oil & Gas USA, Inc. Massive Pipeline, Fremont County, Wyoming.* Report on file at BLM, Lander Field Office, Wyoming.
- 2005 *EnCana Oil & Gas USA, Inc. Massive Well Access Road, Fremont County, Wyoming.* Report on file at BLM, Lander Field Office, Wyoming.
- 2005 *EnCana Oil & Gas USA, Inc. Elbert Well, Access Road, and Pipeline, Fremont County,* Report on file at BLM, Lander Field Office, Wyoming.
- 2005 *EnCana Oil & Gas USA, Inc. Travis Federal # Well Access Road, Fremont County, Wyoming.* Report on file at BLM, Lander Field Office, Wyoming.
- 2004 *Crazy Woman Well Access, Johnson County, Wyoming.* Report on file at BLM Buffalo office, Buffalo, Wyoming.
- 2004 *SG Palo Coalbed Methane Plan of Development, Johnson and Campbell Counties, Wyoming.* Report on file at BLM Buffalo Field Office, Buffalo Wyoming.
- 2003 *Further Archaeological Investigations Along Big Blue Creek, Moore and Potter Counties, TX.* Prepared for the National Park Service, Lake Meredith National Recreation Area, Center for Big Bend Studies, Alpine TX.
- 2002 *Archaeological Survey for the Plum Creek Prescribed Burn, Moore and Potter Counties, Tx.* Prepared for the National Park Service, Lake Meredith National Recreation Area, Center for Big Bend Studies, Alpine TX.
- 2002 *Pawnee Road Obliteration Project 2002 Season.* Prepared for the USDA Forest Service, report on file, Pawnee National Grasslands, Greeley CO.
- 2002 *Sulphur Ranger District Trail Improvements, Archaeological Survey.* Prepared for the USDA Forest Service, report on file, Sulphur Ranger District, Fraser CO.
- 2001 *Columbine and Sate Fe Fuel Reduction, Archaeological Survey.* Prepared for the USDA Forest Service, report on file, Boulder Ranger District, Boulder CO.
- 2001 *Pawnee Road Obliteration Project 2001 Season.* Prepared for the USDA Forest Service, report on file, Pawnee National Grasslands, Greeley CO.