

APPENDIX 1-5
CERTIFICATIONS, PUBLICATIONS
&
VERIFICATIONS

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MAY 18 2007
Div. of Oil, Gas & Mining

VERIFICATION STATEMENT

Appendix 1-5

STATE OF UTAH

COUNTY OF CARBON

I R. Jay Marshall, hereby certify that I am a responsible official for the applicant (UtahAmerican Energy, Inc.) and that the information contained in this application for part "B" of the Horse Canyon Permit is true and correct to the best of my knowledge and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Signed:

R. Jay Marshall

Position:

Chief Engineer & Resident Agent

Taken, subscribed and sworn to me before the undersigned authority in my said county, this 26 day of October, 1998.

Notary Public:

Stephine Matkin

My Commission Expires:

12/05/01



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Div. of Oil & Gas Engineering

R645-301-131

Names of the persons "OR" organizations that collected and analyzed the data.

Survey	Organization	Dates of Collection	Methodology	Names
Lila Canyon Vegetation Inventory (App 3-2)	Environmental Industrial Services (EIS)	November 1999	Page 1	M. Coonrod, K. Salt, and G. Cook
Attachment 3-2A Lila Canyon Veg Survey	Environmental Industrial Services (EIS)	November 2000	Page 1	M. Coonrod, and D. Varner
T & E Species Inventories (App 3-4)	Environmental Industrial Services (EIS)	May 1998	Page 1	N/A
	EIS / BLM	April 2002	Page 1	
	EIS	May 2002	Page 1	
	BLM / DOGM	September 2002	Page 1	
Raptor Survey (App 3-5)	DWR (Personal Communication with Chris Colt)	Page 2	DWR (Personal Communication with Chris Colt)	N/A
Productivity Within and Around the Permit Area (Appendix 3-7)	Environmental Industrial Services (EIS)	Pages 1 to 3	Page 1 to 3	George Cook,
Cultural Resource Inventor (Appendix 4-1)	Montgomery Archaeological Consult.	July 1998	Page 2	Keith R. Montgomery & Jacki A. Montgomery
Soil Resource Inventory and Assessment (Appendix 2-3)	Environmental Industrial Services (EIS)	October 1998 January 1999	Page 2	Daniel M. Larsen
Hydrology Spring & Seep & Baseline	JBR Earthfax	1985 1993, 1994, 1995	Appendix 7-6, Appendix 7-1, Appendix 7-2	N/A

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 U.S. Dept. of Oil, Gas & Mining



UtahAmerican Energy, Inc.

March 28, 2002

Darron Haddock
Permit Supervisor
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

INCORPORATED

JUN 24 2002

DIV OF OIL GAS & MINING

REFERENCE: Affidavit of Publication for the Horse Canyon Mine Lila Canyon Extension

Dear Mr. Haddock;

Attached you will find a copy of the Affidavit of Publication for the Horse Canyon Mine Lila Canyon Extension to be filed with the application to serve as proof of publication pursuant to R645-301-117.200.

Upon the Division's determination of administrative completeness of the Lila Canyon Extension to the Horse Canyon Mine Plan and as per R645-300-121.100, UtahAmerican Energy placed an advertisement in the SunAdvocate, which is a local newspaper of general circulation in the locality of the proposed coal mining and reclamation operation. The advertisement was placed in the legal section of the paper and was published once a week for four consecutive weeks. The dates of publication were February 28, March 7, 14, and 21, 2002.

A copy of the advertisement was submitted to the Division for your review prior to publication.

The advertisement contains UtahAmerican's name and business address, clearly shows the precise location and boundaries of the proposed permit area and is sufficient to enable local residents to readily identify the proposed permit area. The location is identified where a copy of the application is available for public inspection, along with the Division's address where written comments, objections, or requests for informal conferences may be submitted.

In addition to what is required by regulation, UtahAmerican Energy, Inc. published a similar notice in the Emery County Progress.

UtahAmerican Energie's understands that comments are due within 30 days of the last publication and the public comment period begins on the 21st of March and ends on April 20th 2002.

Sincerely,

R. Jay Marshall

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MAY 18 2002

Div. of Oil, Gas & Mining

RECEIVED

JUN 21 2002

DIVISION OF
OIL, GAS AND MINING

PUBLIC NOTICE
Horse Canyon Mine Lila Canyon Mine Extension

Notice is hereby given that UtahAmerican Energy, Inc. P.O. Box 986 Price, Utah 84501, has submitted a complete application to the State of Utah, Division of Oil, Gas & Mining for an extension to the Horse Canyon Mine Permit Number C/007/013. The new application will be known as part "B" Lila Canyon Mine and is being processed as a new permit under the Horse Canyon Mine Permit Number.

A copy of the complete application is available for inspection at the Division of Oil, Gas & Mining office located at 1594 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801, and at the Emery County Recorders Office, Emery County Courthouse, Castle Dale, Utah 84513 and at the Carbon County Recorders Office, Carbon County Courthouse, Price, Utah 84501.

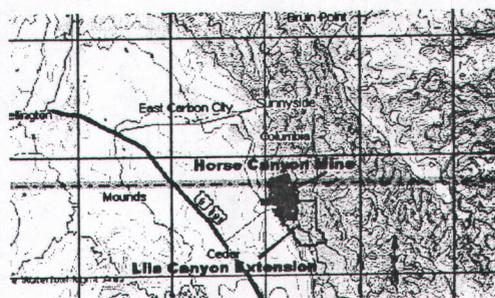
The extension to the approved permit area is described as follows:

T16SR14E

Section 10	Portions of SE1/4	Section 22	NE1/4NE1/4
Section 11	E1/2 Portions of W1/2	Section 23	N1/2 SE1/4 E1/2SW1/4
Section 12	All	Section 24	All
Section 13	All	Section 25	N1/2
Section 14	All	Section 26	E1/2NE1/4
Section 15	Portions of E1/2 SW1/4		

T16SR15E

Section 19	W1/2SW1/4 SE1/4SW1/4 S1/4NE1/4SW1/4
Section 30	NW1/4 SW1/4NE1/4 S1/4NW1/4NE1/4



The described areas are contained on the following U.S. Geological Survey 7.5 minute quadrangle maps, Cedar, Lila Point.

Written comments, objection or requests for informal conference on the application may be submitted by anyone affected by this proposal. Such comments should be filed within the next thirty (30) days with: State of Utah, Department of Natural Resources, Division of Oil, Gas & Mining, Coal Program.

Published in the Sun Advocate February XX, XX, XX and March XX, 2002

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Div. of Oil, Gas & Mining

AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

ss.

County of Carbon,)

I, Ken Larson, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State a true copy of which is hereto attached, was published in the full issue of such newspaper for 4 (Four) consecutive issues, and that the first publication was on the 28th day of February, 2002, and that the last publication of such notice was in the issue of such newspaper dated the 21st day of March, 2002.

Ken G. Larson

Ken G Larson - Publisher

Subscribed and sworn to before me this 21st day of March, 2002.

Linda Thayne

Notary Public My commission expires January 10, 2003 Residing at Price, Utah

Publication fee, \$ 407.68

INCORPORATED

JUN 24 2002

DIV OF OIL GAS & MINING

PUBLIC NOTICE

Horse Canyon Mine Lila Canyon Mine Extension

Notice is hereby given that Utah American Energy, Inc. P.O. Box 986 Price, Utah 84501, has submitted a complete application to the State of Utah, Division of Oil, Gas & Mining for an extension to the Horse Canyon Mine Permit Number 190070. The application will be known as Part B Lila Canyon Mine and is being processed as a new permit under the Horse Canyon Mine Permit Number.

A copy of the complete application is available for inspection at the Division of Oil, Gas & Mining located at 1699 West North Temple, Suite 110, Salt Lake City, Utah 84143-5801, at the Carbon County Recorder's Office, 100 West 100 South, Panguitch, Utah 84650, and at the Carbon County Recorder's Office, Carbon County Courthouse, Price, Utah 84650.

The extension of the approved permit includes the area as follows:

Section 10	Portion of SW 1/4	Section 22	N 1/4 NE 1/4
Section 11	1/2	Section 23	N 1/2
	Portion of W 1/2		SE 1/4
			E 1/2 SW 1/4
Section 14	All	Section 24	All
Section 15	All	Section 25	N 1/2
Section 16	All	Section 26	N 1/4 NE 1/4
	SE 1/4 NE 1/4		SW 1/4
Section 18	Portion of SW 1/4		
	SW 1/4		
Section 19	W 1/2 SW 1/4		
	SE 1/4 SW 1/4		
	SW 1/4 NE 1/4 SW 1/4		
Section 20	NW 1/4		
	SW 1/4 NE 1/4		
	SW 1/4 NE 1/4		

The described areas are contained on the following U.S. Geological Survey 7.5 minute quadrangle maps: Cedar, Uta Point.

Written comments, objection or requests for informal conference on the application may be submitted by anyone affected by this proposal. All comments should be filed within the next thirty (30) days with the State of Utah, Department of Natural Resources, Division of Oil, Gas & Mining, Coal Program.

Published in the Sun Advocate February 28, March 7, 14 and 21, 2002.


LINDA THAYN
 NOTARY PUBLIC • STATE of UTAH
 845 EAST MAIN
 PRICE, UTAH 84501
 COMM. EXP. 1-10-2003

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 OIL, GAS AND MINING

AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

SS.

County of Emery,)

I, Ken Larson, on oath, say that I am the Publisher of the Emery County Progress, a weekly newspaper of general circulation, published at Castle Dale, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 3 (Three) consecutive issues, and that the first publication was on the 5th day of March, 2002 and that the last publication of such notice was in the issue of such newspaper dated the 19th day of March, 2002.

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 JUN 24 2002
 DIV OF OIL GAS & MINING

Ken G. Larson
 Ken G Larson - Publisher

Subscribed and sworn to before me this 19th day of March, 2002.

Linda Thayne
 Notary Public My commission expires January 10, 2003 Residing at Price, Utah

Publication fee, \$219.18

 LINDA THAYN
 NOTARY PUBLIC • STATE of UTAH
 845 EAST MAIN
 PRICE, UTAH 84501
 COMM. EXP. 1-10-2003

PUBLIC NOTICE
 Horse Canyon Mine/Life Canyon Mine Extension

Notice is hereby given that Utah American Energy, Inc. P.O. Box 996 Price, Utah 84501 has submitted a complete application to the State of Utah Division of Oil, Gas & Mining for an extension to the Horse Canyon Mine Permit Number 1-0077019. The key application will be known as part of the Canyon Mine and is subject to the same terms and conditions of the Horse Canyon Mine Permit Number 1-0077019.

According to the complete application available to the State of Utah Division of Oil, Gas & Mining located at 169 West North Temple, Salt Lake City, Utah 84114-8801, and available online to the public at the State of Utah, Coal Mine, Coal Mine, Castle Dale, Utah 84501, the proposed extension is located in Carbon County, 900 Horse Price, Utah 84501.

The extension of the approved permit is also shown as follows:

Section 10	Tronost 1/4	Section 2	NE 1/4 NE 1/4
Section 11	Tronost 1/2	Section 12	N 1/2
	Tronost 3/4		SE 1/4
			E 1/2 SW 1/4
Section 12	W	Section 13	A
Section 13	W	Section 14	R 1/2
Section 14	W	Section 15	N 1/2 NE 1/4
	SE 1/4 NE 1/4		
Section 16	Tronost 1/4		
	SW 1/4		
Section 19	W 1/2 SW 1/4		
	SE 1/4 SW 1/4		
	S 1/4 NE 1/4 SW 1/4		
Section 30	NW 1/4		
	SW 1/4 NE 1/4		
	S 1/4 NW 1/4 NE 1/4		

The described areas are contained on the following U.S. Geological Survey 7.5 minute quadrangle maps: Cedar Hill Point.

Written comments, objection or requests for informal conference on the application may be submitted by anyone affected by this proposal. Such comments should be filed within the next thirty (30) days with State of Utah, Department of Natural Resources, Division of Oil, Gas & Mining, Coal Program.

Published in the Emery County Progress, March 12 and 19, 2002.

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Melvin A. Coonrod Owner, EIS

Mel Coonrod has a Bachelors of Science Degree in Vertebrate Zoology and Chemistry, a Masters Degree in Silviculture, and Post-Graduate work in ecology. Mel has a wide range of experience in the environmental arena. Beginning as an instructor in two major universities, then into the private sector where he built the largest reforestation TSI contracting firm in the Intermountain West, planting in excess of one million trees per year. In the mid-1970's, he was hired by Getty Oil Company as an environmental coordinator; and completed the second Approved Mine Reclamation Plan in Utah. When Texaco purchased Getty Oil in 1981, Mel founded EIS Environmental Industrial Service. Under his direction, the firm has implemented numerous NEPA documents, PAP's, LBA's. reclamation and engineering plans throughout the west. The first two coal mines to receive Phase III Bond Release were projects in which EIS played a major role in both planning and implementation. Mel is licensed in engineering; landscape architecture; general contracting; and is certified for Threatened, Endangered, and Sensitive Species surveys; wetland delineation; raptor inventories; asbestos inspection; and numerous MSHA ratings. He is also a licensed pilot and a fully certified diver in open water, with scuba ratings in various areas.

In addition to his vast experience in a variety of fields, he has published a number of articles and has worked extensively with several government agencies in developing training films and literature used to instruct both industry and agency personnel in areas of reclamation and wildlife enhancement. Mel's philosophy relative to development is to create a win-win scenario, wherein the resource can be utilized in a cost-effective manner, while at the same time the environment can be enhanced to such a degree through cost-effective mitigation that there is no net loss for the life of the project. (Full resume attached).

David K. Steed Project Manager/Ecologist

Mr. Steed (B.S. Ecology, 1993 Idaho State University) is an experienced Environmental Consultant and Project Manager with highly developed administrative and decision-making skills. Since joining EIS in 1993, he has overseen the coordination and management of regulatory documentation and baseline analysis required for state and federal mandates. Mr. Steed develops and acts as primary author of most of the NEPA and EPA related regulatory documentation produced, and is proficient with all CERCLA, RCRA, and TSCA related documentation. He is able to interface with agency personnel on all levels and in the absence of the supervisor, is responsible for the functions of the firm. Other specific duties include the supervision of water, soil and vegetation monitoring; wetland delineations, threatened, endangered and sensitive species inventories, stream classification, aquatic restoration, compliance coordination, reclamation supervision, GIS mapping, marketing solicitation; and contract management.

In 1998, Mr. Steed conducted an independent review for the Utah Regulatory Office of the U.S. Army Corp of Engineers of developed wetland mitigation projects throughout the state of Utah. Through his role as Lead Project Ecologist, his study was utilized to determine the rate of functional success, as well as to develop a set of guidelines for insuring the success of future projects. Associated duties while assisting the COE included independent review of federal wetland guidelines, wetland delineations, project management assistance, new-site review and interagency coordination on policy action and design.

Other studies that Mr. Steed has been associated with include: a nutrient cycling stream study in

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Yellowstone National Park for the National Park Service to examine the impacts to burned watersheds from the 1988 fire; a two-year Department of Energy telemetry study at the Idaho Nuclear Engineering Laboratory upon the potential for radioisotope transport by small mammals; a comparative U.S. Forest Service stream study in Southeastern Idaho to determine the level of stream degradation from year-long grazing; and numerous toxicity studies to determine the impact of heavy metals, pesticides, and nutrient enrichment upon salmonid communities. (Full resume attached).

**David D. Varner
Biologist**

David graduated in May of 1999 from Southern Utah University with a Bachelors of Interdisciplinary Science with an emphasis in Plant Science. He worked as an Assistant Laboratory Supervisor for Anadalex Resources for three years. In that capacity, David was responsible for maintaining quality of coal test results, and environmental compliance of the Wildcat Loadout surface facility. He is also licensed by the State of Utah as a private pesticide applicator. He has also conducted Environment Reviews for Federal Housing Authority and Housing and Urban Development grants.

Since joining EIS in May of 2000 David has conducted Threatened, Endangered, and Sensitive species surveys, raptor inventories, and has written corresponding reports for these studies. He has also participated and supervised in reclamation and mine surface compliance work.

As a lifetime resident of Eastern Utah, David is very familiar with the environmental issues that effect rural communities. Being a third generation agriculturist, Dave understands that conservation of our natural resources is vital to our future generations.

**Carl East
Biologist**

Carl graduated in December of 1995 from Adams State College with a Bachelors of Science in Biology with a field emphasis. He worked as a fishery technician for Utah State University, where he assisted in the surgery placing ultrasonic radio tags inside cutthroat trout. In 1996, Carl worked for the U.S. Forest Service in the state of Colorado, there he maintained and constructed motorized trails. Carl was responsible for the clearing of the timber, cleaning and building water diversion structures and informing users about the Colorado Off Highway Coalition Program.

Carl joined the EIS team in 1998, he has been involved with inventories such as Threatened, Endangered and Sensitive Species surveys, Vegetation Surveys, Wildlife Delineation of Habitat Constituents. He has worked extensively with aquatics and aquatic environments and is currently over the fisheries program for the Nest Purse Indian Nation.

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**Melvin A. Coonrod
Owner/Principal Consultant
Environmental Industrial Services**

EXPERIENCE

Owner/Principal Consultant - Environmental Industrial Services (EIS), Helper, Utah

1990 to Present: Environmental Industrial Services (EIS) operates two distinct divisions and maintains a fully staffed office of college trained consultants that are involved in all phases of biological and physical monitoring of potential disturbance. Duties include vegetation baseline studies, wildlife, soils, and threatened and endangered species inventories, riparian and wetland classification, environmental assessments, environmental impact statements, mine reclamation plans (MRP), lease buy applications (LBA), etc. In addition, the staff works with and coordinates with a number of local, state and federal agencies to facilitate permits and compliance with federal and state regulations.

Mr. Coonrod also provides reclamation/revegetation and construction project management. This involves the oversight and coordination of a large variety of heavy equipment and a substantial labor force, subcontractors, skilled technicians, etc. to implement the work. Projects include all aspects of construction from total mine construction with associated support facilities to demolition and the total reclamation of abandoned and obsolete mine facilities. This is followed with environmental monitoring to assist and insure bond release.

Co-Owner - B & R Reclamation, Helper, Utah

1983 - 1990: Performed reclamation contracting for the following clients:

Husky Oil Company, M.K. Contracting, Getty Oil Co., Skyline Mine, Plateau Mine, Exxon Oil Co., Price River Coal Co., Soldier Creek Coal, Trail Mountain Coal, Beaver Creek Coal, Co-Op Mining Co., Kaiser Coal Co., Blackhawk Coal Co., Rancho Energies, Amoco Oil Co., Marathon Oil Co., U.S.G.S., and Amax Mining Co.

Co-Op Mining Co. - Salaried Position, Permitting and Compliance.

Beaver Creek Coal - Hydrologic Monitoring, Mines 3,2,4,6,7, and CV Spur.

Summit Coal Co. - Mine and Reclamation Plan Preparation, submittal January 1984.

Exxon Oil Co. - Drill Site Reclamation Plan.

U.S. Fuel - Ocular Monitoring of Revegetation Success.

R & M Consultants - Stability Analysis Compaction Testing Sediment Ponds, Genwal Coal Co.

Longmire Coal Co. - Inspection of Coal Loading, U.S. Government Contracts.

College of Eastern Utah - Instructor, Taught Reclamation Practices, Spring Quarter 1983.

A.E.P. Blackhawk Coal Co. - Environmental Engineer, Maintain Utah Coal Properties.

Environmental Coordinator Permitting and Compliance - Getty Oil Company, Price, Utah

1980 - 1983: All phases of mine plan approval, environmental assessment on proposed unit-train loadout, reclamation plans including methods, species, and procedures though train loadout, reclamation contracts and work on property in 1981 in excess of \$400,000.00.

Supervised all monitoring of hydrology subsidence, climate, wildlife and revegetation efforts. Handled compliance efforts relative to all state, federal and local regulations including toxic waste, raptors and subsidence.

Residential, Licensed General B-1 Contractor - State of Utah

1971 - 1981: Working in all phases of construction, averaging +20 homes per year. Involved in subdivision development and light commercial construction. Owned and operated construction and Real Estate offices in Carbon and Emery Counties.

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& Mining

Teacher - Carbon County School District, Price, Utah

1970 - 1973: Teaching Botany, Zoology, and Ecology. Was instrumental in changing curriculum design to offer a wider range of subjects rather than general science. Set up and maintained a fully enclosed herpetarium within the school including both tropical and desert life zones with representative plants and animal life of each.

T.S.I. and Reforestation Contractor

1967 - 1977: Worked for: United States Forest Service, Bureau of Land Management, B.I.A. and Boise Cascade Lumber Co. as a prime contractor in Arizona, New Mexico, Utah, Wyoming, Idaho, Colorado, and Montana. Work involved implementation of site preparation, thinning and planting. Supervised a crew of 40+ men in addition to heavy equipment. Worked as a consultant on private grounds, recommending species and procedures to revegetate denuded areas.

Teacher - Weber State College, Ogden, Utah

1965 - 1967: Teaching assistance in entomology and physiology under Dr. Earl Smart, Taught bacteriology, entomology, and physiology.

EDUCATION

Utah State University - Utah

M.F. Silviculture - 1970
Secondary Certification - Ecology/ Botany
Post Graduate work in Ecology

Weber State College - Utah

B.S. Zoology - 1967
Minor - Chemistry

PROFESSIONAL LICENSES & CERTIFICATIONS

General Contractor, Classification - B-100
Engineering - S-310
Landscape Architecture - S-330
Earth Moving - B-100-A
Blaster - Utah, Arizona, New Mexico, Arkansas.
MSHA - Refuse and Sediment Pond Inspection.
Asbestos - Inspection and Compliance, Utah.
Opacity Inspector - DEQ Visual Emission, Utah.
Threatened and Endangered Species Inventories - BLM.
NEPA and Biological Consultant - BLM - Utah, New Mexico, Arizona, Colorado, & Nevada.
USFS Manti-LaSal National Forest Approved TES Consultant.
Utah State Division of Wildlife Resources TES and Raptor Consultant.
USFWS Certified Mexican Spotted Owl Surveyor.
USACOE Certified Section 404 Wetland Delineator.
Utah State DEQ Certified On-Site Wastewater Treatment Design, Soil Evaluation & Percolation Testing.
BIA certified on TE&S Species - Utah, Arizona, New Mexico and Colorado for a number of Indian Nations

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AWARDS & CERTIFICATES

National Wildlife Certificate of Appreciation - Reclamation Practices.
Wildlife Society - Conservation Achievement Award.
Utah State University - Outstanding Reclamation Award 1986 & 1987.
Board of Director - Carbon County Country Club.
Board of Director - East Duck Club.
Utah Agro-Forester of the Year - 2001
Chairman Local DU Chapter

PUBLICATIONS

Coal Mining and Wildlife. slide presentation in cooperation with UDWR, presently being utilized by the majority of mine in Utah as a training program.

Enhancement Methods to Increase Vegetation of Critical Valued Winter Mule Deer Range. N.P. Seminar, February 1983.

Riparian Enhancement on Coal Properties with Intermediate Streams. NPI Seminar, January 1989, Salt Lake City.

Burnout Canyon Reclamation Project, methodologies and Success. University of Colorado Reclamation Seminar, July 1994.

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David K. Steed
Project Manager
EIS Environmental & Engineering Consulting

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SUMMARY OF SUPPORTIVE QUALIFICATIONS AND CAREER OBJECTIVE

An experienced Environmental Consultant and Project Manager with highly developed administrative and decision-making skills. Expertise in regulatory procedures, site design and proposal preparation, environmental monitoring and systems design, as well as a developed background in terrestrial and aquatic ecology.

EMPLOYMENT HISTORY

Ecologist/Environmental Consultant - EIS Environmental & Engineering Consulting, Helper, UT

1993 to Present: Coordination and management of regulatory documentation and baseline analysis required for state and federal mandates. Specific duties include: supervision of water, soil and vegetation monitoring; wetland delineation; stream classification; aquatic restoration; threatened, endangered and sensitive (TES) species monitoring; compliance coordination; reclamation supervision; marketing solicitation; and contract management. Federally certified to conduct threatened, endangered and sensitive species inventories. Coordinate and act as primary author of most of the NEPA and EPA related regulatory documentation produced. Interface with agency personnel on all levels and in the absence of the supervisor, responsible for the functions of the firm. Also proficient with all CERCLA, RCRA, and TSCA related documentation.

Project Ecologist - U.S. Army Corp of Engineers, Utah Regulatory Office, Bountiful, UT

1998: Review and analysis of on-going wetland mitigation projects throughout the state of Utah to determine the rate of success, as well as to determine a set of guidelines for insuring the success of future projects. Specific duties included review of federal wetland guidelines, wetland delineations, project management assistance, new-site review and interagency coordination on policy action and design.

Ecological Technician - CERE Environmental Research Group, Pocatello, ID

1991 to 1993: Primary design and collection of ecological data associated with several on-going studies. Studies included: a nutrient cycling stream study in Yellowstone N.P. to examine the impacts to burned watersheds from the 1988 fire, a two year telemetry study at the Idaho Nuclear Engineering Laboratory upon the potential for radioisotope transport by small mammals, a comparative U.S. Forest Service stream study in Southeastern Idaho to determine the level of stream degradation from year-long grazing, and numerous toxicity studies to determine the impact of heavy metals, pesticides, and nutrient enrichment upon salmonid communities.

Field Technician - Idaho Department of Fish and Game, Pocatello, ID

1988 to 1991: Coordinated numerous wildlife population dynamics studies. Directed field collection in the absence of the supervising biologist.

EDUCATION

Idaho State University: B.S. 1993. Major - Ecology; Minors - Geology, English and Philosophy

Course work emphasized stream ecology, geology, environmental law, and outdoor recreation management. Specific experience with GIS technology, remote sensing and data logging equipment. Extensive use and expertise with Windows, Corel, Wordperfect, Quattro and ArcView.

Utah BLM Approved NEPA and Biological Consultant
Utah BLM Approved TES Consultant
Utah BLM Approved Third Party Monitor and ROW Preparer
Approved BLM NEPA and Biological Consultant in New Mexico, Idaho, Arizona, Colorado and Nevada
USFS Manti-LaSal NF Approved NEPA and Biological Consultant
USFS Manti-LaSal NF Approved TES Consultant
Utah State Division of Wildlife Resources TES and Raptor Consultant
USFWS Certified Mexican Spotted Owl Surveyor
USFWS Certified Southwestern Willow Flycatcher Surveyor
USACOE Certified Section 404 Wetland Delineator
International Erosion Control Association - Member

COMMUNITY AFFILIATIONS

Castle Country Anglers-Trout Unlimited - Member
Castle Country Council for the Arts and Humanities - Board Member
Emery County Tourism Economic Development - Board Member
Utah Division of Community Development/Helper Main Street Program - Board Member
Utah Department of Transportation - U.S. Highway 191/6 Interchange Planning
Helper Arts Festival - Board Member
BSA Troop 282 - Committee Member

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PROJECTS AND RELATED EXPERIENCE

Div. of Oil, Gas & Mining

- 1998: Project manager and third party coordinator, Environmental Assessment for Andalex Resources and Carbon County Westridge Project, Carbon County, Utah.
- Project manager and third party coordinator, Environmental Assessment for Chandler & Associates Gas Field Development, Emery County, Utah.
- Project Manager and agency liaison, Mine and Reclamation Plan for Marblehead Lime Company, Toole County, Utah.
- Supervise analysis for threatened, endangered and sensitive plant, animal and insect species in Southeastern Utah for numerous federal projects
- 1997: Coordinate resource evaluation and project design for Ferron Coalbed Methane projects, Environmental Assessments for proposed Texaco E&P, Inc. Exploration, Emery County, Utah.
- Supervise evaluation and alternative design, and address all associated permitting, Environmental Assessment for proposed PacifiCorp Barn Canyon Transmission Line Realignment, Carbon County, Utah.
- Supervised resource evaluation, impact analysis, and associated permitting, Environmental Assessment for Dugout Canyon Road, Carbon County, Utah.
- 1996-93: Conducted raptor inventories, emphasizing sensitive species/nesting habitat within the Wasatch Plateau and Book Cliffs for various developments in Carbon, Emery and Wasatch Counties, Utah.
- 1996-95: Assist in project design and supervision, Mountain Coal/ARCO 2,7&8 Mine Reclamation, Carbon County, Utah. Coordinate revegetation requirements and design.
- 1996-95: Analyzed natural resource impacts involved in a Lease-Buy Application for a 5000 Acre land acquisition by Genwal Resources from Manti-La Sal NF, Emery County, Utah.
- 1995: Supervised development and alternative evaluation process, for a proposed gas pipeline in Nine Mile Canyon, Carbon-Duschene Counties, Utah. Coordinated the assessment with 7 separate Indian Nations (Shoshone (3), Shoshone-Bannock, Navajo, Hopi, & Ute) with established cultural rights within the area.
- Project manager for development and ROW/resource impact evaluation, Environmental Assessment for proposed PacifiCorp Helper-National 138 kV Transmission Line, Carbon County, Utah.
- Conducted a series of Phase I Environmental Audits for Utah Railway, Mountain Coal, and several realty offices
- Project manager for development and resource impact evaluation of proposed route and alternatives, Environmental Assessment for PacifiCorp, Trail Mountain 69 Kv Transmission Line, Emery County, Utah. Prime author of document.
- 1994: Conducted a full riparian inventory of soils, vegetation, and habitat available to macrobenthic organisms and associated wildlife along Crandall Creek in Emery County, Utah for Genwal Resources in association with Manti-La Sal NF and UDWR.
- Conducted resource development and baseline analysis for Environmental Assessment for Genwal Resources of Proposed Morland Coal Loadout, Emery County, Utah. Co-authored document.
- Conducted a Phase I Environmental Site Assessment of the Proposed Moab Tram for Portal

Recreation, Grand County, Utah.

- 1994-93: Co-supervised reclamation construction and equipment needs, AMAX Coal Sowbelly Mine Reclamation, Carbon County, Utah. Acted as liaison for mine with UDOGM in regards to project compliance.
- 1993: Analyzed and organized regulatory permitting included in the Banning Loadout Mining & Reclamation Plan for Soldier Creek Coal, Carbon County, Utah.

Other Experience:

Ecological Technician - CERE, Pocatello, Idaho: 1989-93

Conducted telemetry studies on Black-tailed jackrabbit populations and assisted Great Basin desert vegetation composition and nutrient cycling studies at the Idaho Nuclear Engineering Laboratory (INEL).

Developed nitrogen and micronutrient cycling study in Yellowstone National Park. The study concerned the role of detrital and chemical breakdown in terrestrial and aquatic habitats as a result of the 1988 fire.

Comparative stream study showing the effects of stream degradation on the East and West forks of Mink Creek, Idaho. Conducted toxicity testing involving the effects of nutrient enrichment, heavy metals, and pesticides upon fish.

Studied the effects of changing water levels on trout populations along Henry's Fork of the Snake River.

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Div. of Oil, Gas & Mining

**Resume
of
Dan W. Guy
Registered Professional Engineer**

**State of Utah - No. 154168
State of Colorado - No. 28570
State of Wyoming - No. 6414**

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Div. of Oil, Gas & Mining

General Information:

Name: Dan W. Guy
Age: 59
Married: 2 Children
Residence: 1056 West 2060 North, Helper, Utah 84526
Home Telephone: (435) 637-3234
Work Telephone: (435) 637-2422
Fax Number: (435) 637-2431
Occupation: President of Blackhawk Engineering, Inc.
1056 West 2060 North
Helper, Utah 84526

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Statement of Qualifications:

- 26 years Registered Professional Engineer, State of Utah.
- 9 years Registered Professional Engineer, State of Colorado.
- 9 years Registered Professional Engineer, State of Wyoming.
- 35 years of experience in field of Mining Engineering.
- 35 years of experience in surveying.
- 29 years of supervisory experience.
- 23 years of managerial experience.
- 26 years Registered Mine Foreman, State of Utah.
- 16 years of experience with coal quality control and analysis.
- 25 years of experience with environmental regulations and compliance.
- 25 years experience with environmental engineering, including hydrologic computations, and design and construction of drainage and sediment control structures.

Responsibility for the construction of 6 complete Mining and Reclamation Plans and Major revisions of 5 additional plans.

Participated on the Utah Coal Operator's Committee to rewrite the Utah Surface Mining Regulations in conjunction with the Utah Division of Oil, Gas & Mining.

Responsibility for final reclamation of 3 mine sites, 2 of which have been granted Final Bond Release.

Extensive experience with hydrologic design, including flow calculations, channel design, pond design and rip-rap sizing.

- 19 years President of Blackhawk Engineering, Inc. (Mining and Environmental Engineering).
- 2 years President of Western Testing and Engineering, Inc. (Commercial Coal Analysis Laboratory).

Past Chairman A.I.M.E. Utah Chapter, 8 year member.

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Daniel M. Larsen
Soil Scientist/ Soil Management Specialist
EIS

EXPERIENCE

Forest Soil Scientist, GS-12 - USDA Forest Service, Manti-LaSal National Forest, Price, Utah

1979 - 1997 (Retired): Served as soils project staff responsible for soil survey, soil management services, and watershed improvement activities on the Manti-LaSal National Forest. Participated as an interdisciplinary team member for Forest Land Use and Management Planning and Project Support. Responsible for soils program planning and budget preparation. Provided numerous soils management services for minerals, range, timber, wildlife, recreation, and special use projects. Much of this activity was related to environmental assessment. Provided soils information for coal, gas and oil leasing, exploration, and development. Reviewed company provided soils information for data adequacy standards.

Conducted and coordinated soil survey activities on lands administered by the Manti-LaSal National Forest covering about 1,400,000 acres. This included progressive soil surveys at the order of 3 intensity level on six different soil survey areas. It involved working closely with the Natural Resources Conservation Service as well as contractors. Prepared and administered contracts for three soil surveys. Completed a draft soil survey report for the Manti Division and contributed to the preparation of a draft soil survey report for the Monticello District of the Manti-LaSal National Forest. Contributed to ecological mapping, primarily at the section and subsection levels, and was part of a team to determine "properly functioning condition" of subsections.

Detailed to the Tongass Nation Forest at Sitka, Alaska during the summer of 1991 to work on soil/slope stability analysis of potential timber sales areas.

Soil Scientist GS-12 - USDA Forest Service

1977 - 1979: Served as a soils and reclamation specialist on an Interagency Environmental Task Force to evaluate proposed coal mining projects in the state of Utah. This task force involved working with several state and federal agencies and was under the lead of the US Geological Survey. Assisted in preparation of two Regional Environmental Impact Statements: one for Central Utah and one for Southern Utah. Was part of an I.D. Team to evaluate mine reclamation covering projects in an eight state area. Co-authored a publication on The Reclamation of Mined Lands in the Western Coal Region, USGS Circular 872. Completed the soils portion of the Nation Erosion Inventory on the Manti-LaSal National Forest.

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Forest Soil Scientist, GS-11 - USDA Forest Service, Deschutes National Forest, Bend Oregon

1971 - 1977: Primary duties consisted of soil management assistance to Forest resource managers. Responsible for Environmental Analysis Reports and Impact Statements. Worked on soil, topography, climate and vegetation input for the Land Use Plan and Environmental Impact Statement for Deschutes National Forest. Soil management services were primarily related to sensitive soil areas where logging activities were proposed and to the use of prescribed burning in forest management. Also provided soil management assistance to the Bend Pine Nursery. Completed the final report of The Soil Resource Inventory of the Deschutes National Forest (1,852,000 acres).

Forest Soil Scientist, GS-11 - USDA Forest Service, Wayne-Hoosier National Forest, Bedford, Indiana

1968-1969: Conducted soil resource inventory and assisted in the Forest Soil Scientist with soil management services. Duties included soil mapping on aerial photographs, making soil profile descriptions, vegetation identification and correlation with soils, identifying soil-landscape relationships, and evaluating laboratory data obtained in soil investigations. Mapped about 21,000 acres at a scale of 4 inches to the mile. Aided in obtaining soils information on two recreation sites and several reforestation sites.

Research and Teaching Assistant - University of Minnesota, St. Paul, Minnesota

1965 - 1968: Conducted soil fertility studies on mineral and organic soils in northern Minnesota. Studies fertilization rates and dates of application as related to seed production and plant tissue analysis of Kentucky bluegrass and Timothy. Obtained soil and climatic data at various plot locations. Conducted soil chemical analysis tests. Acted as a teaching assistant by providing instruction for a three hour per week class in "Soil Fertility Evaluation." Wrote a Master's Thesis on "The Effect of Fertilization on Timothy Seed Production in Northern Minnesota."

Biological Aide, GS-4, USDA Forest Service - Tongass National Forest, Ketchikan, Alaska

1964 - 1965: Aide to a Soil Scientist conducting a soil resource inventory. Worked on the north half of the Prince of Wales Island. The job consisted of digging soil pits, assisting and making soil profile descriptions, plant identification and notations on distribution, and some independent soil mapping on aerial photographs.

AWARDS

Certificate of Merit for superior performance as a member of the Interagency Environmental Task Force on Coal.

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Certificate of Merit for evaluation of factors leading to the preparation of the Forest Land and Resource Management Plan, Manti-LaSal National Forest.

Extra Step Award for soils presentation for Conservation Day on the Manti-LaSal National Forest.

Extra Step Award related to the minority employment program, Manti-LaSal National Forest.

Certificate of Appreciation for soils input to the plan and Environmental Assessment for the South Manti Timber Sale, Manti-LaSal National Forest.

Scholarship in Conservation, University of Wisconsin, Stevens Point.

PROFESSIONAL ORGANIZATIONS

Member of the Utah Society of Soil Scientists

PUBLICATIONS

Soil Resource Inventory of the Deschutes National Forest, Oregon, 1979.

Reclamation of Mined Lands in the Western Coal Region, Geological Survey Circular 272, Co-Author.

Conducted field work on Natural Resources Conservation Service Publications:

Soil Survey of Canyonlands Area, Utah.

Soil Survey of Fairfield-Nephi Area, Utah

Soil Survey of San Miguel Area, Colorado

Numerous in-service Forest Service Reports in Forest Service files.

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Div. of Oil, Gas & Mining

AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

SS.

County of Carbon,)

I, Ken Larson, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State a true copy of which is hereto attached, was published in the full issue of such newspaper for 4 (Four) consecutive issues, and that the first publication was on the 1st day of April, 2004, and that the last publication of such notice was in the issue of such newspaper dated the 22nd day of April, 2004.

Ken G. Larson

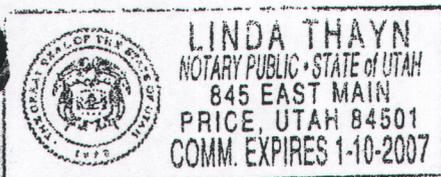
Ken G Larson - Publisher

Subscribed and sworn to before me this 22nd day of April, 2004.

Linda Thayne

Notary Public My commission expires January 10, 2007 Residing at Price, Utah

Publication fee, \$ 565.76



PUBLIC NOTICE

HORSE CANYON MINE LILA CANYON MINE EXTENSION

Notice is hereby given that UtahAmerican Energy, Inc. P.O. Box 986, Price, Utah 84501, has submitted a complete application to the State of Utah, Division of Oil, Gas & Mining for an extension to the Horse Canyon Mine Permit Number C/007/013. The new application will be known as part "B" Lila Canyon Mine and is being processed as a new permit under the Horse Canyon Mine Permit Number

A copy of the complete application is available for inspection at the Division of Oil, Gas & Mining office located at 1594 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801, and at the Emery County Recorders Office, Emery County Courthouse, Castle Dale, Utah 84513 and at the Carbon County Recorders Office, Carbon County Courthouse, Price, Utah 84501.

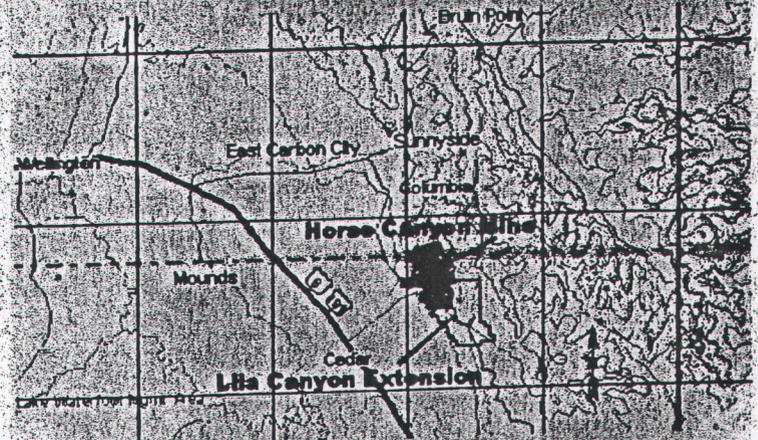
The extension to the approved permit area is described as follows:

T16SR14E

- Section 10 Portions of SE1/4
- Section 11 E1/2, Portions of W1/2
- Section 12 All
- Section 13 All
- Section 14 All, SE1/4NE1/4
- Section 15 Portions of E1/2, SW1/4
- Section 22 NE1/4NE1/4
- Section 23 N1/2, SE1/4, E1/2SW1/4
- Section 24 All
- Section 25 N1/2
- Section 26 N1/2NE1/4

T16SR15E

- Section 19 W1/2SW1/4, SE1/4SW1/4, S1/4NE1/4SW1/4
- Section 30 NW1/4, SW1/4NE1/4, S1/4NW1/4NE1/4



The described areas are contained on the following U.S. Geological Survey 7.5 minute quadrangle maps, Cedar, Lila Point.

Written comments, objection or requests for informal conference on the application may be submitted by anyone affected by this proposal. Such comments should be filed within the next thirty (30) days with: State of Utah, Department of Natural Resources, Division of Oil, Gas & Mining, Coal Program.

Published in the Sun Advocate April 1, 8, 15 and 22, 2004.

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Div. of Oil, Gas & Mining

AFFIDAVIT OF PUBLICATION

INCORPORATED

MAY 18 2007

Div. of Oil, Gas & Mining

STATE OF UTAH)

SS.

County of Emery,)

I, Ken Larson, on oath, say that I am the Publisher of the Emery County Progress, a weekly newspaper of general circulation, published at Castle Dale, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 4 (Four) consecutive issues, and that the first publication was on the 6th day of April, 2004 and that the last publication of such notice was in the issue of such newspaper dated the 27th day of April, 2004.

Ken G. Larson

Ken G Larson - Publisher

Subscribed and sworn to before me this 27th day of April, 2004.

Linda Thayne

Notary Public My commission expires January 10, 2007 Residing at Price, Utah

Publication fee, \$ 408.28

PUBLIC NOTICE

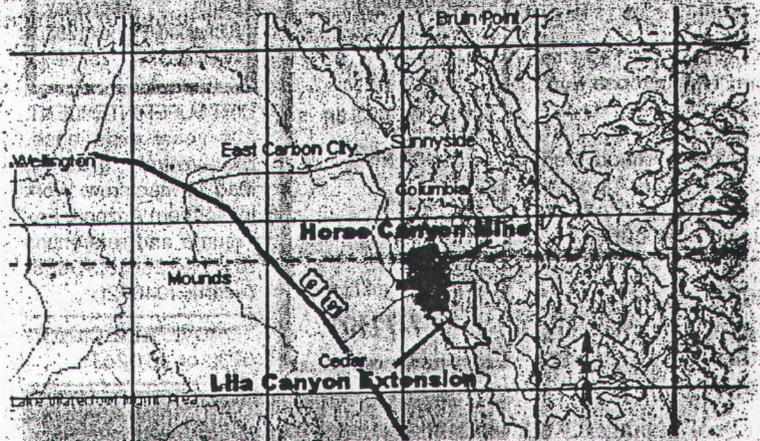
HORSE CANYON MINE LILA CANYON MINE EXTENSION

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The extension to the approved permit area is described as follows:

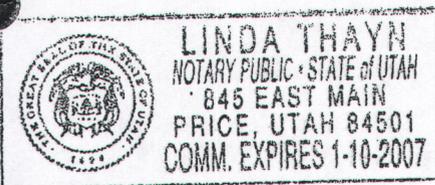
- T16SR14E Section 10: Portions of SE1/4
- Section 11: E1/2, Portions of W1/2
- Section 12: All
- Section 13: All
- Section 14: All, SE1/4NE1/4
- Section 15: Portions of E1/2, SW1/4
- Section 22: NE1/4NE1/4
- Section 23: N1/2, SE1/4, E1/2SW1/4
- Section 24: All
- Section 25: N1/2
- Section 26: N1/2NE1/4
- T16SR15E Section 19: W1/2SW1/4, SE1/4SW1/4, S1/4NE1/4SW1/4
- Section 30: NW1/4, SW1/4NE1/4, S1/4NW1/4NE1/4



The described areas are contained on the following U.S. Geological Survey 7.5 minute quadrangle maps, Cedar, Lila Point.

Written comments, objection or requests for informal conference on the application may be submitted by anyone affected by this proposal. Such comments should be filed within the next thirty (30) days with: State of Utah, Department of Natural Resources, Division of Oil, Gas & Mining, Coal Program.

Published in the Emery County Progress April 6, 13, 20 and 27, 2004.





UtahAmerican Energy, Inc.

May 30, 2005

Patrick Gubbins
Field Office Manager
Bureau of Land Management
Price Field Office
125 South 600 West
Price, Utah 84501

REFERENCE: Water Survey Horse Canyon Extension - Lila Canyon Mine

Dear Mr. Gubbins:

Division of Oil, Gas and Mining rule R645-301-525.130 requires that all property owners in, and around, the Lila Canyon Extension receive copies of any water rights surveys completed during the permitting process.

UtahAmerican Energy, Inc. notifies the Bureau of Land Management that a water rights survey was conducted in conjunction with the Lila Canyon Mine permitting process. A copy of this survey can be found in Chapter 7 of the Lila Canyon PAP. A copy of the PAP is on file, in the confidential room, at your office.

Should you have any questions please call.

Sincerely,

R. Jay Marshall
Project Manager

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Div. of Oil, Gas & Mining

cc File
Appendix 1-5 PAP



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Div. of Oil, Gas & Mining

Thomas J. Suchoski**EDUCATION**

MS, WATERSHED MANAGEMENT	1979
<i>University of Arizona</i>	<i>Tucson, Arizona</i>
BS, GEOLOGY	1977
<i>Utah State University</i>	<i>Logan, Utah</i>
OSHA HAZARDOUS WASTE SAFETY TRAINING	1987
CHANNEL RESTORATION SHORT COURSE	1986
<i>Utah Division of Oil, Gas, & Mining</i>	<i>Salt Lake City, Utah</i>
DESIGN OF WATER QUALITY MONITORING NETWORKS	1985
<i>Colorado State University</i>	<i>Fort Collins, Colorado</i>
GEOMORPHOLOGY SEMINAR AND SHORT COURSE	1980
<i>U.S. Office of Surface Mining</i>	<i>Denver, Colorado</i>

EMPLOYMENT

PRESIDENT/HYDROLOGIST	1999-PRESENT
<i>Hydrologic Design</i>	<i>Salt Lake City, Utah</i>
PROJECT MANAGER/HYDROLOGIST	1990-PRESENT
<i>EarthFax Engineering, Inc.</i>	<i>Salt Lake City, Utah</i>
SENIOR HYDROLOGIST	1989-1990
<i>Powder River Coal Company</i>	<i>Gillette, Wyoming</i>
SENIOR HYDROLOGIST	1987-1989
<i>Sergent, Hauskins, and Beckwith Geotechnical Engineers</i>	<i>Salt Lake City, Utah</i>
PROJECT MANAGER/HYDROGEOLOGIST	1986-1987
<i>Uintex</i>	<i>Salt Lake City, Utah</i>
HYDROLOGIST/ENGINEERING GEOLOGIST	1979-1980, 1984-1986
<i>State of Utah, Division of Oil, Gas, & Mining</i>	<i>Salt Lake City, Utah</i>
PROJECT HYDROGEOLOGIST	1982-1984
<i>Ford, Bacon & Davis Inc.</i>	<i>Salt Lake City, Utah</i>
PROJECT HYDROLOGIST	1980-1982
<i>Vaughn Hansen Associates Inc.</i>	<i>Salt Lake City, Utah</i>

EXPERIENCE

Responsibilities have included conducting and managing surface and groundwater projects for public and private clients. Groundwater projects included: supervision and contract management of groundwater well drilling activities for numerous projects for water quality monitoring and water supply development; preparation of well head source protection plans, water right applications, and permits and specifications for well drilling; design and installation of well monitoring networks to conduct hydrogeologic characterization and water quality sampling; design of groundwater interception and re-injection systems; design of spring collection systems; developed MODFLOW groundwater flow models and associated interface routines; performance of a sensitivity analysis of MODFLOW groundwater model for the Jordanelle Reservoir in northern Utah; modeling of groundwater flow for mines; groundwater flow and contaminant migration modeling for various facilities to determine the rate and extent of plume development and evaluated various treatment options; performance of a seepage study for a tailings facility to determine the extent of a contaminant plume; review and evaluation of a groundwater dewatering model for an open pit gold mine in New Guinea; evaluation and preliminary design of groundwater dewatering system for an open pit mine; evaluation, design, and installation of a groundwater dewatering well for a surface copper mine; analysis of data from numerous pumping tests for aquifer parameters; supervision and coordination of hydrogeologic characterization efforts at a hazardous-waste site; collection of groundwater quality samples and analysis of

Thomas J. Suchoski

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chemistry data to determine compliance with water quality regulations; conducting and supervising groundwater quality characterization and environmental audits; evaluation of water quality data from problem sites not meeting water quality standards; analysis of water quality data using database management and GIS software; collection of water chemistry and aquifer parameters for hydrogeochemical characterizations of abandoned uranium mill tailings sites in the western United States; performance of hydrologic and geologic review and feasibility studies to locate a super conducting-super collider in western Utah; groundwater dewatering and water quality monitoring associated with a uranium mine in central Wyoming.

Surface water projects have included: supervision of hydrological aspects of environmental permitting for surface water diversions, impoundments, and runoff-control facilities; development and maintenance of runoff control plans for mine facilities; preparation of construction specifications for various surface water control projects; developed runoff-control plans for gold-ore heap-leach facilities in Nevada, South Carolina, and Utah; conducted runoff evaluations using SCSHYDRO and HEC-1 software for projects in West Texas, Arizona, Nevada, Montana, and Utah; designed surface hydrology facilities; evaluation of meander potential for rivers affected by channel modification and preparation of permit applications for stream channel alterations in Arizona, Colorado, Utah, and Wyoming; determination of scour and depositional potential of reclamation channels; design of storm water handling system for 1,500 acre subdivision in northern Utah; conducted surveys of stream channels, runoff control facilities (i.e., ditches, ponds, and outlet structures), and earthwork construction areas; conducted construction inspections, coordinated subcontractors for water resources projects and determined budgetary compliance; evaluation of erosion potential and sediment loading from reclaimed mining sites; determination of 100-year flood and associated flood plains for complex natural channels; design of runoff-control facilities for a probable-maximum flood (PMF) event; determination of flood-inundation areas associated with PMF and 100-year flood plains; collection of surface water base line flow, groundwater level, and water chemistry monitoring data; analysis of water quality data for compliance with water quality standards using database management software; supervised preparation of hydrologic, geologic, and engineering portions of coal and mineral mining permits in Colorado, Nevada, and Utah; development and management of capital improvements budget for hydrologic projects and permitting activities; preparation of a surface and groundwater monitoring database and evaluation of data for compliance with water quality standards using database management software; participated in environmental assessments and audits; coordinated large scale permitting projects with local, state, and federal agencies; collection of stream flow and surveyed cross-section data and water quality parameters; and performance of alluvial valley floor evaluations in Colorado, Utah, and Wyoming.

Engineering projects have included: preparation of grading plans for mine site reclamation, commercial sites, and residential subdivisions; design, layout, and specification of water wells, water systems, and water tanks and controls; and design and layout of expansion of existing sanitary sewer systems.

Managed computer network and workstations for both Netware and Microsoft operating systems. Configured hardware, installed software, conducted network maintenance and backups, and handled help desk functions. Managed CAD and GIS translation software use and customization. Provided advanced word processing, spreadsheet, database, Visual Basic, FORTRAN, and C software development. Worked with clients to ensure compatibility of the electronic data files with various systems and platforms.

MEMBERSHIPS

Association of Groundwater Scientists and Engineers
American Institute of Hydrology

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Div. of Oil, Gas & Mining

Thomas J. Suchoski

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CERTIFICATIONS AND REGISTRATIONS

Registered Professional Geologist (Utah)
Registered Professional Hydrologist (AIH)
Engineer in Training (Utah)

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Div. of Oil, Gas & Mining

CURRICULUM VITAE

MICHAEL M KING

1130 N 200 E
Price, UT 84501
(435) 637-4193

College of Eastern Utah
451 E 400 N
Price, UT 84501
(435) 613-5232

EDUCATION

<u>Degree</u>	<u>Institution</u>	<u>Major Field</u>	<u>Year</u>
Ph.D.	Utah State University	Wildlife Science	1985
M.S.	Brigham Young University	Zoology	1979
B.S.	Brigham Young University	Zoology	1977
A.S.	College of Eastern Utah	Life Sciences	1974

Ph.D. Dissertation: Behavioral Response of Desert Bighorn Sheep to Human Harassment: a Comparison of Disturbed and Undisturbed Populations (1985, Utah State University).

M.S. Thesis: Differential Habitat Utilization by Male and Female Mule Deer (1979, Brigham Young University).

Course Work Summary (Quarter Hours)

Ecology	31	Wildlife Science	32	Stat./Comp. Sci..	29
Biology	34	Range Sci../Botany	30	Math/Physics	31
Zoology	32	Japanese	24	Chemistry	29

PROFESSIONAL EXPERIENCE

Dean, Arts and Sciences - College of Eastern Utah (7/1/2000 to present).

Professor, Life Sciences - College of Eastern Utah (7/96-6/2000).

Associate Professor and Extension Wildlife Specialist - University of Tennessee, Department of Forestry, Wildlife and Fisheries (8/88-8/96). Responsible for developing Extension Education programs in Wildlife Management on private lands, Wildlife Damage Management and the Tennessee 4-H Wildlife Project.

Natural Resources Planner - U.S. Department of Defense/Utah State Research Foundation (3/86-8/88). Developed natural resources management plans, conducted Environmental Assessments, and developed a research project to study the effects of sonic boom on wildlife for Hill Air Force Base and the Utah Test and Training Range, Utah.

Research Biologist/Technical Writer/Graduate Research Assistant - Department of Fisheries and Wildlife, Utah State University (9/80-3/86). Designed and conducted research on ecology and behavior of desert bighorn sheep on Bureau of Land Management lands in southeastern Utah; Bureau of Land Management.

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M.M. King

Collected and analyzed data and wrote reports for an inventory of the flora and fauna of Hill Air Force Base and the Utah Test and Training Range. Developed desert bighorn sheep habitat management plans for Bureau of Land Management administered lands in southeastern Utah.

Graduate Research Assistant - Department of Zoology, Brigham Young University (4/78-9/78). Designed and conducted research on summer habitat utilization of mule deer in central Utah.

Graduate Teaching Assistant - Department of Zoology, Brigham Young University (9/77-4/79). Taught Intro. Zoology, Vertebrate Zoology, Fish and Wildlife Techniques, General Ecology, Mammalogy Laboratory courses.

RELATED EXPERIENCE

- Associate Editor Wildlife Society Bulletin (1998-1999)
- Member Southeastern Utah Regional Advisory Committee for Utah Division of Wildlife Resources (1997-).
- Editor Proceedings, 6th (1993-1995) Eastern Wildlife Damage Control Conference, 1993-1995.
- Editor University of Tennessee Agricultural Extension Service Renewable Natural Resources Homeowners Newsletter (1991-1996).
- Editor University of Tennessee Agricultural Extension Service Renewable Natural Resources Wildlife Timely Tips Newsletter (1988-1990).
- Referee Papers for Proceedings of Southeastern Association of Fish and Wildlife Agencies, Desert Bighorn Council Transactions, Proceedings of Northern Wild Sheep and Goat Council, Journal of Wildlife Management and Great Basin Naturalist.
- Advisor Nutrition of desert bighorn sheep in Canyonlands National Park, Utah State University and National Park Service (1981-1983).
- Advisor Desert bighorn sheep river-rafter interactions on the Colorado River, Utah State University (1984-1986).
- Advisor Mutual of Omaha's Wild Kingdom, Operation Bighorn Segment, Utah Division of Wildlife Resources (1983).
- Guide Special High-Bid Desert Bighorn Sheep Hunt, Utah Division of Wildlife Resources (1982,1983,1985).
- Technician Desert bighorn sheep survey, capture, and relocation in southeastern, Utah Division of Wildlife Resources (1986).
- Technician Grouse Hunter Check Stations, Utah Division of Wildlife Resources (1977).

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Div. of Oil, Gas & Mining

M.M. King

TEACHING EXPERIENCE

College of Eastern Utah Quarter Courses

LFSC 101	Principles of Biology	LFSC 110	General Botany
LFSC 116	Anatomy and Physiology	LFSC 118	Human Reproductive Biology
LFSC 125	Heredity	LFSC 210	General Zoology
LFSC 270	Natural History Excursion	LFSC 150	General Ecology

College of Eastern Utah Semester Courses

LFSC 1220	Biology II	LFSC 1240	Biology II Lab
LFSC 1410	General Botany	LFSC 1420	General Botany Lab
LFSC 2100	General Zoology	LFSC 2110	General Zoology Lab
LFSC 2350	Introductory Ecology	LFSC 2360	Introductory Ecology Lab
WILD 2010	Humankind and the Environ.	WILD 1010	Field Experience
LFSC/Geol 1800	Principles of Environ. Science		

New CEU Courses Developed

LFSC 1220	Biology II	LFSC 1240	Biology II Lab
LFSC 2350	Introductory Ecology	LFSC 2360	Introductory Ecology Lab
LFSC/GEOL 1800	Principles of Environ. Science		

Laboratory Courses at Brigham Young University, 1977-79)

ZOOL 105	Intro. Zoology
ZOOL 203	Vertebrate Zoology
ZOOL 457	Fish and Wildlife Techniques
ZOOL 350	General Ecology
ZOOL 547	Mammalogy

Inservice Training Short Courses (Training for Univ. Tenn. County Extension Personnel)

<u>Course</u>	<u>Subject</u>	<u>Time</u>
EXT Wildlife & Fisheries 201	4-H Wildlife and Fisheries Project	8 hrs
EXT Wildlife & Fisheries 202	Backyard Wildlife/Outdoor Classrooms	8 hrs
EXT Wildlife & Fisheries 301	Wildlife Damage Management	8 hrs
EXT Wildlife & Fisheries 302	Wildlife Enterprises	4 hrs
EXT Wildlife & Fisheries 303	Advanced 4-H Judging	6 hrs
EXT Wildlife & Fisheries 305	Advanced Small Game Management	8 hrs

Workshops Conducted for the General Public

Urban Wildlife - Master Gardener Training (1993-1996)
Small Game Management for Extension Agents (1990, 1993)
Tennessee 4-H Wildlife Conference (1989 - 1995)
Tennessee 4-H Environmental Stewardship Volunteer Leaders Forum (1989,1991,1993)

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Div. of Oil, Gas & Mining

M.M. King

Backyard Wildlife Seminar (1992)
Fee Hunting as and Alternative Enterprise (1990)
Managing Deer Damage In Tennessee (1989)

PROGRAM AND COMMITTEE APPOINTMENTS

Utah State Watchable Wildlife Committee, Utah Div. of Wildlife Resources (1999-2000).
Southeastern Regional Advisory Committee, Utah Division of Wildlife Resources (1997-).
Associate Editor, The Wildlife Society Bulletin (1998-1999).
6th Eastern Wildlife Damage Management Conference (**Co-chair**, 1993-1995).
National 4-H Wildlife Habitat Evaluation Program (1989-; **Chair**, 1992-1995).
National 4-H Environmental Stewardship Program Design/ Writing Team (1992-1993).
Tennessee Ag. Extension Service Natural Resources Priority Team (**Chair**, 1995-96;
member, 1993-96).
Tennessee 4-H Wildlife Project (**Director**, 1988-1996).
Tennessee 4-H Environmental Stewardship Task Force (1991-1994).
Univ. Tennessee Ag. Extension Serv. Endangered Species Task Force (1991-1996).
Tennessee District II Forest Stewardship Committee (1996/1990-1994).
Tennessee Animal Damage Control Committee (1988-).
Tennessee Wetlands Technical Assistance to Private Landowners Committee (1990-92).
Tennessee Wetlands Partners Project Committee (1993-).
Univ. Tennessee Ag. Extension Serv. Natural Resources Initiative Team (1993-).
Regional Ecosystem Management Project Cooperator, Virginia Tech University,
Auburn University, University of Tennessee (1994-)
Faculty Affairs Committee, Univ. Tenn. Dept. Forestry, Wildlife and Fish. (1989-1991;
Chair, 1991).
Search Committees, Extension Wildlife Assistant Position (**Chair**, 1990); Extension
Forestry Assistant Position (1991), Extension Forestry Assistant Professor Position
(1994, 1995), Dept. of Forestry, Wildlife and Fisheries Department Head and Leader
(1994).

Graduate Student Committee Membership:

1990-1991 A comparison of bird species use of two different forest types (Carol Hardy;
M.S.)
1991-1995 An analysis of hunter perceptions of small game management of two wildlife
management areas in Tennessee (Mike Weefer; M.S.)
1993-1995 Perception of crop damage by black bears in North Carolina (Bobby Madry;
M.S.)
1991-1995 Identification and mapping of ruffed-grouse habitat in Tennessee (Melora
Doan; M.S.).

PROFESSIONAL ORGANIZATIONS

The Wildlife Society
Southeast Section of the Wildlife Society
Tennessee Chapter of the Wildlife Society
Tennessee Association of Agricultural Agents & Specialists
National Association of County Agricultural Agents
Tennessee Conservation League
Epsilon Sigma Phi (National Honorary Extension Fraternity)

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Div. of Oil, Gas & Mining

M.M. King

Private Lands Committee, SE Section The Wildlife Society (1988-; Secretary, 1992).
Education Committee, Tennessee Chapter the Wildlife Society (1993-)
The Wildlife Society - Tennessee Chapter; Representative to Southeast Section of The Wildlife Society (1996-)

GRANTS/CONTRACTS

Utah Electronic College Curriculum Development; Introduction to Environmental Science.
(UECC - 2001-02, \$10,000).

Wildlife Database Project. (Utah Division of Wildlife Resources - 1999-2000, \$17,000).

Riparian Database Project (Bureau of Land Management - 2000-2001, \$9500).

Star Schools Curriculum Development; Biology II - the Diversity of Life (Mountain Plains Distance Learning Partnership, Riverton, WY - 1999, \$8000).

Star Schools Curriculum Development; Introductory Ecology (Mountain Plains Distance Learning Partnership, Riverton, WY - 1997, \$10000).

Increasing Environmental Literacy/ Recruitment of Minorities to Natural Resources through the Use of Outdoor Classrooms (USDA Cooperative Research and Extension Services, Washington, DC - 1996, \$10,000).

Cultural Methods of Decreasing Vole (*Microtus* spp.) Damage in No-till Soybeans in Tennessee (Tennessee Soybean Promotion Board - 1996, \$15,000 annually through 1998).

Tennessee 4-H Wildlife Project (Contract No. ID-1-03853-1-00 - Tennessee Wildlife Resources Agency, \$19,500 annually (1989-1994) and \$30,000 (1995-1996).

National 4-H Wildlife Habitat Evaluation Program (Champion International Paper Co., \$15,000 (1993-1995).

National 4-H Wildlife Habitat Evaluation Program (US Fish and Wildlife Service, \$25,000 (1993); \$20,000 (1994-1995).

National 4-H Wildlife Habitat Evaluation Program (Rocky Mountain Elk Foundation, \$5,000 (1993); \$4,500 (1994); \$5,000 (1995).

National 4-H Wildlife Habitat Evaluation Program (National Rifle Association, \$2,500 (1994); \$5,000 (1995).

Youth Quail Ecology and Management Education Program (Tennessee Wildlife Resources Agency, \$15,000; Quail Unlimited, \$5,000; Wildlife Forever, \$5,000 - 1995).

Statewide Deer Damage Survey (Contract No. ID-1-04203-200) - Tennessee Wildlife Resources Agency, \$10,000 (1991-1993).

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M.M. King

AWARDS/HONORS

Outstanding Faculty Member 1997-98, Division of Science and Technology; College of Eastern Utah.

USDA Certificate of Appreciation for service to the National 4-H Wildlife Habitat Evaluation Program (1996); 1989-1996 (National Chair, 1993-1995)

The Wildlife Society Certificate of Appreciation - National Conservation Education Award (1996); Awarded in the Program Category to the National 4-H Wildlife Habitat Evaluation Program

State Early-Career Award - Epsilon Sigma Phi National Honorary Extension Fraternity (1995)

Tennessee Leadership Academy (1995)

Award for Excellence - Environmental Literacy (Tennessee 4-H Wildlife Program), Southern Cooperative Extension Forest Resource Specialists (1995).

1st Place - Team Newsletter, Tennessee Association of Agricultural Agents and Specialists (1992-1995).

Outstanding Young Agent, Tennessee Association of Agricultural Agents and Specialists (1994).

1st Place (Southern Region) - Team Newsletter, National Association of County Agricultural Agents (1994).

Award for Excellence - Materials Development (4-H Wildlife and Fisheries Manuals), Southern Cooperative Extension Forest Resource Specialists (1994).

University of Tennessee Institute of Agriculture Best Education Publication (1992).

Outstanding Alumni Award, College of Eastern Utah (1987).

1ST and 2ND Place, Utah Wildlife Society Photo Contest (1984).

Honorarium, Invited Scientific Paper, Northern Wild Sheep and Goat Council, White Horse, Yukon Territories, Canada (1984).

Honorarium, Invited Seminar, College of Eastern Utah Natural History Seminar Series (1980).

Cum Laude Graduate, Brigham Young University (1977).

Honors Graduate, College of Eastern Utah (1974).

High Honors Graduate, Carbon County High School (1970).

Elk's Most Valuable Student Award, Carbon High School (1970).

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M.M. King

Jewkes-Woodward-Mele Outstanding Student Athlete Award, Carbon High School (1970)

Utah Boy's State (1969).

PEER REVIEWED EXTENSION PUBLICATIONS:

King, M.M. The Quail Series: the northern Bobwhite. PB1611. 1999. Univ. Tenn. Ag. Ext. Service. 17pp.

King, M.M. The Quail Series: the northern Bobwhite - Lesson Plans and Activities. PB1612. 1999. Univ. Tenn. Ag. Ext. Service. 13pp.

Johnson, J.E., G.A. Sheerer, G.H. Hopper, J.A. Parkhurst, M.M. King, J.C. Bliss and K.M. Flynn. 1996. Managed Forests for Healthy Ecosystems. PB1574. Univ. Tenn. Ag. Ext. Service. 40pp.

King, M.M. 1996. Urban Wildlife Management. PB1578. Univ. of Tenn. Ag. Ext. Serv. Master Gardener Series.

Hill, T.K. and M.M. King. 1996. Ecology - 4-H Wildlife Project, Unit VIII. PB 1441. Univ. Tenn. Ag. Ext. Service.

Burnette, J., P. Denton, G. Smith and M.M. King. 1996. Living for a better environment - 4H Conservation Project, Unit I. PB1492. Univ. Tenn. Ag. Ext. Service. 34pp.

Burnette, J. and M.M. King. 1996. Wildlife - 4H Conservation Project, Unit IV. PB1551. Univ. Tenn. Ag. Ext. Service. (In press).

Cantrell, R. L., W. G. Minser and M. M. King. 1994. Trees for Wildlife. PB1446. Univ. Tenn. Ag. Ext. Service. 11pp.

King, M.M. 1994. Managing Deer Damage in Tennessee. PB 1509. Univ. Tenn. Ag. Ext. Service. 16pp.

King, M. M. and T. K. Hill. 1991. Let's Learn about Wildlife and Fish - 4-H Wildlife Project, Unit I. PB 1380. Univ. Tenn. Ag. Ext. Service. 41pp.

King, M. M. and T. K. Hill. 1991. Foods for Wildlife and Fish - 4H Wildlife Project, Unit IV. PB1381. Univ. Tenn. Ag. Ext. Service. 37pp.

King, M. M. and T. K. Hill. 1991. Recreation with Wildlife and Fish - 4H Wildlife Project, Unit VI. PB1382. Univ. Tenn. Ag. Ext. Service. 27pp.

King, M. M. and K. Roeker. 1991. Endangered Species in Tennessee. Pages 22-26 in Recertification of Private Pesticide Applicators. G. Burgess, ed. EC1021. Univ. Tenn. Ag. Ext. Service.

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M.M. King

REFEREED/PEER REVIEWED PUBLICATIONS

- King, M. M. 1995. Landowner perceptions of white-tailed deer population and damage in Tennessee. Pages 156-159, in 6th Eastern Wildlife Damage Management Conf. Proc. M.M.King, ed.
- King, M. M. 1989. Wildlife: A valuable commodity for forest landowners. Forest Farmer 48(8):6-8.
- King, M. M. 1988. Osprey preys on tiger salamander. J. Raptor Res. 22(4):121.
- King, M. M. and G. W. Workman. 1986. Response of desert bighorn sheep to human harassment: management implications. Trans. 51 N Am. Wildl. and Nat. Res. Conf. 51:74-85.
- King, M. M. and G. W. Workman. 1984. Cattle grazing in desert bighorn habitat in southeastern Utah. Desert Bighorn Council Trans. 28:18-22.
- King, M. M. and G. W. Workman. 1984. Ecological relationships between desert bighorn sheep and domestic cattle in southeastern Utah. Proceedings of the 4th Northern Wild Sheep and Goat Council 4:167-179.
- King, M. M. and G. W. Workman. 1983. Occurrence of contagious ecthyma in desert bighorn sheep in southeastern Utah. Desert Bighorn Council Trans. 27:11-12.
- King, M. M. and G. W. Workman. 1983. Movement patterns of desert bighorn in southeastern Utah. Desert Bighorn Council Trans. 27:4-6.
- King, M. M. and G. W. Workman. 1982. Desert Bighorn on BLM lands in southeastern Utah. Desert Bighorn Council Trans. 26:104-106.
- King, M. M. and H. D. Smith. 1980. Differential habitat utilization by the sexes of mule deer. Great Basin Nat. 40:273-281.

PROCEEDINGS EDITED

- King, M. M. 1995. Proceedings, 6th Eastern Wildlife Damage Control Conf. October 1993, Asheville, NC). 210pp.

REPORTS/MANUSCRIPTS

- King, M. M. and R. D. Smith. 1989-1995. Tennessee Private Lands Hunting Register. FWF Info. No. 82. 10pp.
- King, M. M. 1989-1995. Annual Report of 4-H Wildlife Project Activities. Tennessee Wildlife Resources Agency Contract No. ID90-3217-01. Nashville, TN.
- King, M. M. 1989-1995. 4-H Wildlife Conference Manual. FWF Info. No. 70. 41pp.

INCORPORATED

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M.M. King

- King, M.M. 1993. Tennessee Deer Population and Damage Survey Report. Tennessee Wildlife Resources Agency Contract No. ID-1-04203-200. Nashville, TN. 124pp.
- King, M. M. 1990. Status of Wildlife and Fisheries Extension Programs in Tennessee. Page 152. in *Future Directions for Cooperative Extension Wildlife, Fisheries, and Aquaculture Programs 1991-2000*. Proceedings of the National Extension Wildlife and Fisheries Workshop, Sept. 3-7, 1990, Monterey, CA. E. L. Fitzhugh and J. E. Miller, eds. USDA-Extension Service, Washington, D.C.
- King, M. M. 1990. Wildlife: a Valuable Commodity for Forest Landowners. Pages 26-29 in *Proceedings of the Middle Tennessee Forest Landowners Seminar: "Don't Just Own It- Manage It"*. George Hopper, ed. University of Tennessee Agricultural Extension Service. Knoxville, TN.
- Oliver, T., M. M. King and 10 other committee members. 1990. Report of the Technical Working Group to the Governor's Inter-agency Wetlands Committee. Private Landowner Technical Assistance Subcommittee. Tennessee Dept. of Agriculture. Nashville. 8pp.
- King, M. M. 1989. Making Money with Wildlife. Pages 93- 104 in *Southeastern Forest Landowner Seminar Proceedings*. J.E. Gunter, ed. Univ. of Georgia Coop. Ext. Service. Athens, GA.
- King, M. M. 1986. Vegetation. Pages 115-174 in *A study of the flora and fauna of Hill Air Force Base and the Utah Test and Training Range with special emphasis on avoidance of bird strike by aircraft, and wildlife and habitat inventories for management plans*. 2nd Annual Report. G. W. Workman, ed. Contract no. F42650-84-C-3559.
- King, M. M. 1985. Vegetation. Pages 134-149 in *A study of the flora and fauna of Hill Air Force Base and the Utah Test and Training Range with special emphasis on avoidance of bird strike by aircraft, and wildlife and habitat inventories for management plans*. 1st Annual Report. G. W. Workman, ed. Contract no. F42650-84-C-3559.
- King, M. M. 1985. Behavioral response of desert bighorn sheep to human harassment: a comparison of disturbed and undisturbed Populations. Ph.D. Dissertation. Utah State University, Logan, Utah. 137 pp.
- King, M. M. and G. W. Workman. 1983. Ecology of the desert bighorn sheep on BLM lands in southeastern Utah: 3rd Annual Report. BLM contract number YA-533-CTO-1068. Moab, Utah. 123 pp.
- King, M. M. and G. W. Workman. 1982. Ecology of the desert bighorn sheep on BLM lands in southeastern Utah: 2nd Annual Report. BLM contract number YA-533-CTO-1068. Moab, Utah. 115 pp.
- King, M. M. and G. W. Workman. 1981. Ecology of the desert bighorn sheep on BLM lands in southeastern Utah: 1st Annual Report. BLM contract number YA-533-CTO-1068. Moab, Utah. 100 pp.
- King, M. M. 1979. Differential habitat utilization by male and female mule deer. M.S. Thesis. Brigham Young University, Provo, Utah. 27 pp.

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Div. of Oil, Gas & Mining

M.M. King

MAGAZINE ARTICLES

- King, M.M. 1993. Do You Know How to Manage Your Forest for Songbirds? West Virginia Nongame News 11(8):7-8.
- King, M. M. 1991. Tennessee 4-H'ers Win 1991 National 4-H Wildlife Invitational. Tenn. Wildl. Mag. Insider Section 15(3):1.
- King, M. M. 1990. Tennessee's 4-H Wildlife Project. Tenn. Wildl. Mag. 14:9-12.
- King, M. M. 1990. Tennessee places 2nd in National 4-H Wildlife Judging Contest. Tenn. Wildl. Mag. Insider Section 14:6.

EDUCATIONAL VIDEOS

- King, MM., C.D. Kreh, G.H. Hopper. 1999. The Quail Series (4 modules in the series). Univ. Tenn. Ag. Ext. Service. 17pp.
- King, M. M. and K. Roeker. 1991. Endangered Species in Tennessee. In Recertification of Private Pesticide Applicators Training Video. G. Burgess, ed. Univ. Tenn. Ag. Ext. Service. (companion video to EC1021).
- King, M. M. and T. K. Hill. 1989. The Tennessee 4-H Wildlife Project. University of Tennessee Ag. Extension Service. Cat. No. 088. 29 min.
- National 4-H Wildlife Habitat Evaluation Contest Video (Advisor). 1992. Kansas State University. 11 min.
- National 4-H Wildlife Habitat Evaluation Contest Video - Leader's Guide (Advisor). Kansas State University. 42 min.

TECHNICAL PAPER PRESENTATIONS

- King, M. M. 1993. Teaching Environmental Stewardship through the Tennessee 4-H Wildlife Project. 2nd Tennessee Natural Resource Researchers and Educators Symposium, Murfreesboro, TN.
- King, M. M. 1993. Landowner perceptions of white-tailed deer population and damage in Tennessee. 6th Eastern Wildlife Damage Management Conference, Asheville, NC.
- King, M. M. 1991. Utilizing the Forest Stewardship Program to Enhance Grouse Habitat on Private Lands. 4th Southern Ruffed Grouse Workshop, Greeneville TN.
- King, M. M. 1991. Meeting the natural resource education needs of our changing constituencies. Tennessee Chapter of The Wildlife Society Annual Meetings, Martin, TN.
- King, M. M. 1990. Tennessee's Wildlife and Fisheries Extension Programs. 4th National USDA Extension Fisheries and Wildlife Workshop. Monterey, CA.

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M.M. King

- King, M. M. and G. W. Workman. 1986. Effects of human harassment on flight behavior and activity budgets of desert bighorn sheep. 30th Desert Bighorn Council, April 1986. Page, AZ.
- Rentzler, P., T.D. Bunch, G.W. Workman, and M. M. King. 1986. Reintroduction of desert bighorn sheep into Capitol Reef National Park: a summary. 30th Desert Bighorn Council, April 1986. Page, AZ.
- Cresto, J., Connor, J., Karpowitz, J., and King, M.M. 1986. Desert bighorn sheep management in Utah: a cooperative effort. 51st North American Wildlife and Natural Resources Conference, March 1986. Reno, NV. (Poster).
- King, M. M. and G. W. Workman. 1986. Response of desert bighorn sheep to human harassment: management implications. 51st North American Wildlife and Natural Resources Conference, March 1986. Reno, NV.
- King, M. M. and G. W. Workman. 1985. Flight behavior of desert bighorn sheep in response to human disturbance. 29th Desert Bighorn Council, April 1985. Las Vegas, NV.
- King, M. M. and G. W. Workman. 1984. Habitat overlap between desert bighorn and domestic cattle in southeastern Utah. Northern Wild Sheep and Goat Conference, May 1984. Whitehorse, YK, Canada.
- King, M. M. and G. W. Workman. 1984. Cattle grazing in desert bighorn habitat in southeastern Utah. 28th Desert Bighorn Council, April 1984. Bullhead City, AZ.
- King, M. M. and G. W. Workman. 1984. Ecological overlap between desert bighorn and cattle in southeastern Utah. Utah Wildlife Soc., February 1984. Logan, UT.
- King, M. M. and G. W. Workman. 1983. Behavior of the desert bighorn sheep in southeastern Utah. Utah Academy of Science, Arts, and Letters, April 1983. Logan, UT.
- King, M. M. and G. W. Workman. 1983. Occurrence of a mouth disease in desert bighorn sheep, Blue Notch Canyon, Utah. 27th Desert Bighorn Council, April 1983. Silver City, NM.
- King, M. M. and G. W. Workman. 1983. Movements and habitat utilization of desert bighorn on BLM lands in southeastern Utah. 27th Desert Bighorn Council, April 1983. Silver City, NM.
- King, M. M. and G. W. Workman. 1982. Desert bighorn on BLM lands in southeastern Utah. 26th Desert Bighorn Council, April 1982. Borrego Springs, CA.
- King, M. M. and G. W. Workman. 1981. A preliminary report on desert bighorn sheep behavior in southeastern Utah. Utah Academy of Sciences, Arts, and Letters, November 1981. St. George, UT.
- King, M. M. and H. D. Smith. 1979. Habitat partitioning in male and female mule deer. 59th Meeting of Amer. Soc. Mammal., June 1979. Corvallis, OR.
- King, M. M. and H. D. Smith. 1979. Habitat separation by male and female mule deer. Utah Wildlife Soc., February 1979. Salt Lake City, UT.

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M.M. King

INVITED SEMINAR PRESENTATIONS

- The Basics of Wildlife Habitat Selection. 1994. 1st Eastern Nuisance Wildlife Control Operators Shortcourse. University of Kentucky, Utah State University and National Animal Damage Control Association. Lexington, KY.
- Root Damage by Wildlife. 1994. Turf Grass Shortcourse. University of Tennessee Agricultural Extension Service. Knoxville, TN.
- Fee Hunting: Positive and Negative aspects for Landowners and Hunters. 1993. Tennessee Student Chapter of The Wildlife Society Deer Hunting Seminar. Knoxville, TN.
- Endangered Species and Pesticide Use. 1992. The University of Tennessee Agricultural Extension Service Commercial Pesticide Applicators Certification Workshops. Memphis, Jackson, Nashville, Knoxville, Cleveland, Murfreesboro, Kingsport, TN.
- Wildlife Damage Control in Tennessee. 1992. The University of Tennessee Agricultural Extension Service Pest Control Operator School. Knoxville, TN.
- Backyard Wildlife. 1992. The University of Tennessee Agricultural Extension Service UT Next Door Program. Nashville, TN.
- Deer Hunter - Landowner Relations in Tennessee. 1991. Tennessee Wildlife Resources Agency White-tailed Deer Management Workshop. Jackson, TN.
- Attracting Wildlife to the Landscape. 1991. University of Tennessee Agricultural Extension Service Ornamental Horticulture Expo Program. Jackson, Lebanon, Chattanooga, TN.
- Wildlife Economics. 1990. Middle Tennessee Forest Landowners Seminar. Nashville, TN.
- Fee Hunting. 1990. West Tennessee Rural Revitalization Conference. Jackson, TN.
- Wildlife Economics. 1990. Tennessee Association of Soil Conservation Districts Annual Meeting. Memphis, TN.
- Alternative Income with Wildlife. 1989. Tri-State (TN, GA, AL) Cattleman's Association Spring Meeting. Chattanooga, TN.
- Tennessee Wildlife: a valuable commodity. 1989. Tennessee Forestry Association Annual Meeting. Nashville, TN.
- Making Money with Wildlife. 1989. Georgia Forestry Day in the South Landowner Workshop. Atlanta, GA.
- Wildlife in Utah. 1984-1985. Box Elder County Junior High Schools, Mantua, UT.
- History of wildlife in Utah. 1984-1985. Logan Junior High School-Utah History Classes, Logan, UT.
- Field aging techniques for desert bighorn sheep. 1982-1985. Utah Division of Wildlife Resources, Blanding and Moab, UT.
- Effects of cattle grazing and human disturbance on desert bighorn sheep in southeastern.

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M.M. King

1984. Bureau of Land Management, U.S. Park Service, and U.S. Forest Service, Moab District Office (BLM), Moab, UT.

Ecology of desert bighorn sheep in southeastern Utah. 1983. College of Eastern Utah Life Sciences Division, Price, UT.

Field research on desert bighorn sheep in Utah. 1983. Carbon County High School Advanced Biology Program, Price, Utah.

Desert bighorn sheep on BLM lands in southeastern Utah. 1983. Bureau of Land Management, San Juan Resource Area, Monticello, UT.

Desert bighorn sheep habitat use in southeastern Utah. 1982. Utah Bighorn Sheep Society, Orem, UT.

Bighorn sheep research in Utah. 1981. Utah Bighorn Sheep Society, Salt Lake City, UT.

Mountain sheep of North America. 1980. College of Eastern Utah Life Sciences Division, Price, UT.

Summer habitat utilization of mule deer. 1980. College of Eastern Utah Natural History Seminar Series, Price, UT.

Mule deer habitat utilization and winter problems in central Utah. 1979. Brigham Young University Student Chapter of the Wildlife Society, Provo, UT.

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**VITAE
2006**

Jody J. Patterson

EDUCATION: 1994 B.A. New Mexico Highlands University
1996 M.A. New Mexico Highlands University
2002 A.B.D. (Ph. D. expected Fall 2005) University of Alaska, Fairbanks

PROFESSIONAL ORGANIZATIONS:

Plains Anthropological Association
Alaska Anthropological Association
Alaska Quaternary Center
Association of American Geographers

PROFESSIONAL EXPERIENCE IN COLORADO:

2001 Cultural Resource Inventory and Limited Testing Resource Development
Technologies Eleven Well Locations Southwest of Rangeley, Rio Blanco County,
Colorado. Project Duration: 1 month.

PROFESSIONAL EXPERIENCE:

- 2001 Archaeologist, Montgomery Archaeological Consultants, Moab, Utah.
Permitted as a supervisor in Utah (statewide). Responsibilities include fieldwork
(survey and testing); documentation of prehistoric and historic cultural resources;
site eligibility (NRHP) assessments; laboratory analysis of artifacts; and IMACS site
form and report and research design preparation.
- 2000 Adjunct Faculty, University of Alaska-Fairbanks, Department of Anthropology
Courses taught include: Fundamentals of Archaeology, Archaeological Field School,
and Introduction to Anthropology. Also worked as a laboratory instructor and
Teaching Assistant for various courses from 1998-2000.
- 2000 Archaeologist, Cultural Resource Consultants, Anchorage, Alaska.
Responsibilities included archaeological survey and testing, literature reviews, and
report writing.
- 1998 Archaeologist-Project Director, University of Alaska and Wrangell-St. Elias National
Park and Preserve Project.
Supervised archaeology crew, conducted archaeological survey, lab work, and
report writing.
- 1997 Archaeologist (GS-09), Wrangell-St. Elias National Park and Preserve
Conducted archaeological survey, supervised crew members, performed lab work,
and wrote reports.
- 1995-1996 Archaeological Technician, Pecos National Historical Park
Lithic analyst and crew member for cultural resource survey at Pecos Historical
National Park.

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J. Patterson

- 1993-1996 Archaeological Technician and Crew Chief, Northern Research Group, Inc., Las Vegas, New Mexico. Conducted field work, supervised crew members, conducted file searches, and wrote reports.
- 1993-1995 Archaeological Technician and Crew Chief, Las Vegas Cultural Resource Management, Las Vegas, NM. Conducted field work, supervised crew members, conducted file searches, and wrote reports.
- 1993 Crew Chief, Archaeological Mapping, NMHU, Department of Anthropology, Las Vegas, NM. Supervised mapping crew during the summer field season.

Professional Presentations and Presented Papers

Patterson, J., S. George, P. Matheus, and C. Martin

- 2001 *Upper Yukon River Region*. 1:6,000,000 scale map published by the Alaska Quaternary Center and National Park Service for the Upper Yukon Heritage Symposium.

Patterson, J.

- 2000 *How Far is too Far?: Quantifying Viewsheds in the Nutzotin Mountains, South-central Alaska*. Alaska Anthropological Association.

Patterson, J.

- 1999 *A First Approximation of a Lithic Scatter Typology in the Nutzotin Mountains, Wrangell-St. Elias National Park and Preserve*. Alaska Anthropological Association.

Patterson, J.

- 1998 *Late Holocene Land Use in the Nutzotin Mountains*. University of Alaska, Public Anthropology Colloquium.

- 1998 *Archaeological and Paleoecological Fieldwork in the Wrangell-St. Elias National Park and Preserve*. Alaska Quaternary Center Seminar.

Selection of Projects with Technical Publications in Utah

Patterson, J.

- 2005 Archaeological Data Recovery at 42Ga3818 and 43In1371 Along State Route 20, Garfield and Iron Counties, Utah.

Patterson, J., and K. Montgomery

- 2005 Cultural Resource Inventory of Bill Barrett Corporation's Stone Cabin Access on SITLA in Carbon County, Utah.

Patterson, J.

- 2004 Bill Barrett Corporation's Stone Cabin Jack Canyon and Rims Survey, Carbon County, Utah.

- 2004 Cultural Resource Inventory of the Division of Wildlife Resources Little Mountain Test Annex Project, Weber County, Utah.

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J. Patterson

2004 Cultural Resource Protection, Monitoring, and Discovery Plan for the West Tavaputs Plateau Drilling Program, Carbon County, Utah.

2004 Cultural Resource Summary of BBC's Tavaputs Plateau Exploratory Drilling Program, Carbon County, Utah.

Patterson, J. and A. Whitfield

2004 Monitoring and Additional CRI of BBC Stone Cabin 3-D Seismic Program, Carbon County, Utah.

Patterson, J.

2003 Mitigation of UDOT's US 191 Improvement Project from SR 279 to SR 313, Grand County, Utah.

2003 Cultural Resource Inventory of Lone Mountain's Bar X 25 Well Location and Access, Grand County, Utah. MOAC Report 03-55.

2003 Cultural Resource Inventory of Rio Algom's Water Drilling Program, San Juan County, Utah. MOAC Report 03-37.

2003 Nine Mile Monitoring and Protection Program for BBC Well Locations in Dry and Nine Mile Canyons, Carbon County, Utah.

2003 Cultural Resource Inventory of Bill Barrett Corporation's 12-24 and 5-13 Alt. Well Location, Carbon County, Utah.

2003 Cultural Resource Inventory of Bill Barrett Corporation's Three Mile Pipeline in Nine Mile Canyon, Carbon County, Utah.

2003 Cultural Resource Inventory of Bill Barrett Corporation's Water Canyon Compressor Station, Carbon County, Utah.

2003 UDOT's Data Recovery Plan for 42Be2189, Beaver County, Utah.

2003 Cultural Resource Inventory of Bill Barrett Corporation's Dry Canyon Compressor Station, Carbon County, Utah.

2002 Cultural Resource Inventory of the RSA-USA, Inc. Marlboro Commercial Location Near Gemini Bridges, San Juan County, Utah. MOAC Report 02-68.

2002 Cultural Resource Inventory of the RSA-USA, Inc., Marlboro Commercial Location Near Dugout Ranch, San Juan County, Utah. MOAC Report No. 02-62.

2002 Cultural Resource inventory of a Portion of the Beehive-Midstate Fiber Optic Line Near Garrison, Millard County, Utah. MOAC Report No. 02-32.

2002 Cultural Resource Inventory of Brown Brothers Constructions' Material Pit Near Cainville, Wayne County, Utah. MOAC Report No. 02-05.

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- 2002 Cultural Resource Inventory of Utah Department of Transportation's Proposed Baker Gravel Pit Near Kanosh, Millard County, Utah.
- 2002 Cultural Resource Inventory for MACTEC-ERS' Five Water Monitoring Well Locations Near Green River, Grand County, Utah.
- 2002 Cultural Resource Inventory for MACTEC-ERS' Four Water Monitoring Well Locations Near Moab, Grand County, Utah.
- 2002 Cultural Resource Inventory of Rock Deformation Research Inc's Proposed Sampling Areas Along Muddy Creek, Emery County, Utah.
- Patterson, J. and K.R. Montgomery
2002 Cultural and Paleontological Resources Survey of UDOT's US 191 Improvement Project Between SR 279 and SR 313, Grand County, Utah. MOAC Report No. 01-36.
- Patterson, J. and K.R. Montgomery
2002 Cultural Resource Inventory of Two RSA-USA, Inc.'s Marlboro Commercial Locations in Grand and San Juan Counties, Utah
- 2002 Cultural Resource Monitoring of Anshutz Headwater Federal 7-15 Access Road, San Juan County, Utah.
- Patterson, J., M. Elkins, and K. Montgomery
2001 Cultural Resource Inventory of the New Water Utility Line for the City of Price, Carbon County, Utah. MOAC Report No. 01-87.
- Patterson, J. and K. Montgomery
2001 Cultural Resource Inventory of Three Areas within the Proposed Scofield Area Coal Mine, Carbon County, Utah. MOAC Report No. 01-97
- 2001 Cultural Resource Inventory of the Quitchupah Coal Haul Road, Emery and Sevier Counties, Utah. MOAC Report NO. 01-82.
- Patterson, J.
2000 Wiki Peak-Ptarmigan Lake 1999 Archaeological Investigations: Overview of the Work Conducted by the University of Alaska, Fairbanks Archaeological Field School. Submitted to Wrangell-St. Elias National Park.
- 2000 Additional Testing of Six Surface Depressions Near the Egegik Airport, Alaska. Cultural Resource Consultants, Anchorage, Alaska.
- 2000 Survey and Testing of the Alternative B Runway at Platinum, Alaska. Cultural Resource Consultants, Anchorage, Alaska.
- Patterson, J.
1996 Plains-Pueblo Interaction at Tecolote Pueblo (LA 296), Tecolote, New Mexico. Master's Thesis, Anthropology Department, New Mexico Highlands University.

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VITAE
2006

NAME: Keith R. Montgomery

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Moab, Utah 84532
(435) 259-5764
kmontgomry@montarch.com

EDUCATION: 1974 A.A. Edmonds Community College
1976 B.A. Western Washington University (Anthropology)
1979 M.A. Western Washington University (Archaeology/Anthropology)

PROFESSIONAL ORGANIZATIONS: Utah Professional Archaeological Council
Society for American Archaeology

PROFESSIONAL EXPERIENCE:

- 1996 - Present Principal Investigator, Montgomery Archaeological Consultants, Moab, Utah.
In charge of writing technical proposals, and initiating and directing all cultural resource projects. Responsible for ensuring that all projects conducted by the company meet required standards for compliance with federal and state legislature pertaining to cultural resources. To date, he has directed over 500 projects to completion on state, federal, and private lands.
- 1983-1996 Consulting Project Archaeologist, Sagebrush Archaeological Consultants, Ogden, Utah.
Permitted under Sagebrush to conduct cultural resource investigations (survey, testing, and excavation) on federal and state lands in the Great Basin (Utah and Nevada) and Colorado Plateau (Utah, Colorado, and Arizona). Responsible for project planning and coordination, supervision of field crews, site recordation, NRHP assessments, data analysis, and report preparation.
- 1984-1996 Consulting Project Archaeologist, Abajo Archaeology, Bluff, Utah.
Permitted under Abajo to perform cultural resource investigations (survey, testing, excavation) on federal and state lands in the Utah, western Colorado, and northern Arizona). Responsible for project planning and coordination, technical proposals, supervision of field crews, site recordation and NRHP assessments, data analysis, and report preparation.
- 1981-1983 Staff Archaeologist. Archeological Environmental Research Corporation (AERC) Bountiful, Utah. Permitted (federal and state) to supervise cultural resource investigations (survey and excavation) in the Great Basin and Colorado Plateau (Fremont and Anasazi) geographical/cultural areas.

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Selected Projects with Technical Reports and Publications:

Montgomery, K.

- 2005 Cultural Resource Inventory of EOG Resources, Inc.'s Five Proposed Wells: CWU #662-6, CWU #663-6, and East Chapita #1-5, #2-5, and #5-5 in Uintah County, Utah

Montgomery, K.

- 2004 Cultural Resource Inventory of Bill Barrett Corporation's Proposed Tumbleweed Units #14-17-15-21, #16-17-15-21, #9-18-15-21 and #1-19-15-21 Well Locations, Uintah County, Utah.

Montgomery, K.R., and D.L. Shank

- 2004 Cultural Resource Inventory for Utah Department of Transportation's SR 56 Bridge (Structure OC -307) Rehabilitation Project, East of Modena, Iron County, Utah.

Montgomery, K., and S. Kinnear-Ferris

- 2004 Cultural Resource Survey of Bill Barrett Corporation's Cedar Camp 3D Seismic Project, Uintah and Grand Counties, Utah.

Elkins, M., and K. Montgomery

- 2004 Cultural Resource Block Inventory of Ute Tribal Lands in Sections 19, 30, and 31 of T5S R5W for UTE FNR LLC, Duchesne County, Utah.

Mrstik, J., and K. Montgomery

- 2004 Cultural Resource Inventory of Division of Wildlife Resources Consumers Road Parcels, Carbon County, Utah.

Whitefield, A., and K. Montgomery

- 2004 Cultural and Fossil Resource Inventory Along US Highway 89 and State Route 14 Near Long Valley Junction, Kane County, Utah. STP-0089(86)104.

Elkins, M. and K.R. Montgomery

- 2003 Cultural Resource Inventory For the Utah Department of Transportation's US 6 Helper Interchange, Carbon County, Utah. Report No. U-03-MQ-0320s.

- 2003 Class 1 Existing Data Review of Encana Oil and Gas Corporation's Proposed Oil and Gas Development Area in the Kennedy Wash Region of Uintah County, Utah. Report No. U-03-MQ-752b,s,p.

Montgomery, J.A. and K.R. Montgomery

- 2003 Utah Department of Transportation's State Route 10 Muddy Creek Bridge Replacement Cultural Resource Inventory, Emery County, Utah.

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Elkins, M. and K.R. Montgomery

2002 Cultural Resource Inventory of UP&L Pacificorp Camp Williams To Four Corners 345kv Power Line, San Juan County, Utah.

2002 Cultural Resource Inventory of Seven Seismic Lines for the Veritas Uintah Seismic Project, Uintah County, Utah.

2002 Cultural Resource Inventory of the Emery Telecom's Fiber Optic Line Between the Towns of Price and Helper, Carbon County, Utah.

Kinnear-Ferris, S. and K.R. Montgomery

2002 Cultural Resource and Fossil Inventory of Utah Department of Transportation's SR-95 Westwater Canyon Realignment, San Juan County, Utah.

Montgomery, J. and K.R. Montgomery

2002 Utah Department of Transportation's State Route 10 Muddy Creek Bridge Replacement Cultural Resource Inventory, Emery County, Utah.

Montgomery, K.R. and S. Ball

2002 Cultural Resource Inventory of Inland Resources' 760-Acre Parcel in Township 8S, Range 16E, Section 24 and Township 8S, Range 17E, Section 19, Duchesne County, Utah.

Raney, A. and K.R. Montgomery

2002 Cultural Resource Inventory of the Dixie Escalante 138kV Power Line Project, Washington County, Utah.

Montgomery, K.R.

2001 Cultural Resource Inventories of 400 Acres in the Wells Draw and Pariette Bench Localities for Inland Production Company, Duchesne County, Utah. Montgomery Archaeological Consultants.

2001 Cultural Resource Inventories of 20 Well Locations, Access and Pipeline Routes in the Wonsits Valley Oil and Gas Field, Uintah County, Utah. For Shenandoah Energy, Inc. Montgomery Archaeological Consultants.

Montgomery, K.R. and S. Ball

2001 Cultural Resource Inventory of the Moore Road (County Road 1612) Emery County, Utah. Prepared for the Utah Department of Transportation under contract with JBR Environmental Consultants. Montgomery Archaeological Consultants.

2001 Cultural Resource Inventory of the Garkane Powerline Between Mount Carmel Junction and Zion National Park, Kane County, Utah. Montgomery Archaeological Consultants.

Montgomery, J.A. and K.R. Montgomery

2001 Cultural Resource Inventory of Bonneville Fuels Corporation's Willow Creek Pipeline, Uintah County, Utah. Montgomery Archaeological Consultants.

Elkins, M. and K.R. Montgomery

2001 Cultural Resource Inventory of Citizen Communications' Fiber Optic Line Along SR 174, Millard County, Utah. Montgomery Archaeological Consultants.

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Elkins, M. and K.R. Montgomery

2001 Cultural Resource Inventory for the Utah Department of Transportation's US 89 Intersection Improvement Near Big Water, Kane County, Utah. Montgomery Archaeological Consultants.

Patterson, J.J. and K.R. Montgomery

2001 Cultural Resource Inventory of the Quitchupah Coal Haul Road, Emery and Sevier Counties, Utah. Montgomery Archaeological Consultants.

Montgomery, K.R.

2000 Archaeological Data Recovery at a Prehistoric Quarry (Site 5RB790/42Un1669) In Hells Hole Canyon, Rio blanco County, Colorado. Montgomery Archaeological Consultants.

Montgomery, K.R. and S. Ball

2000 Cultural Resource Inventory of Marathon Oil Company's 2000 Drilling Program in Castle Valley, Carbon County, Utah. Montgomery Archaeological Consultants.

Montgomery, K.R. and J.A. Montgomery

2000 Utah Department of Transportation's Interstate 70 to Price State Route 10 Passing Lanes Cultural Resource Inventory, Emery and Carbon Counties, Utah. Montgomery Archaeological Consultants.

2000 Cultural Resource Inventory and Evaluative Testing of Utah Department of Transportation's U.S. 191 White Mesa Amended Right-of-Way Access Project, San Juan County, Utah. Montgomery Archaeological Consultants.

Montgomery, K.R.

1999 Cultural Resource Inventory of the Plateau's Willow Creek Mine Pipeline Gathering System, Carbon County, Utah. Montgomery Archaeological Consultants.

1999 Cultural Resource Inventory of Coastal Oil and Gas Corporation's Ten Well Locations in the Park Mountain Area, Rio Blanco County, Colorado. Montgomery Archaeological Consultants.

Montgomery, K.R. and J.A. Montgomery

1999 Cultural Resource Inventory Along Salina's Main and State Streets, Sevier County, Utah. Montgomery Archaeological Consultants.

Montgomery, K.R., J.A. Montgomery, and S.Kinnear-Ferris

1999 Cultural Resource Inventory of the Emery Telephone Fiber Optic Line Ferron to Emery, Emery County, Utah. Montgomery Archaeological Consultants.

Montgomery, J.A., and K.R. Montgomery

1999 Eligibility Testing at Site 42Cb1302, Carbon County, Utah. Montgomery Archaeological Consultants.

Montgomery, K.R.

1998 Cultural Resource Inventories of Coastal Oil and Gas Corporation's Douglas Creek Unit Wells #67, #69, and #70, Rio Blanco, Colorado. Montgomery Archaeological Consultants..

1998 Data Recovery at Site 42Em2423.1 for the Proposed Cottonwood Creek Water Treatment Plant in Emery County, Utah. Montgomery Archaeological Consultants.

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Montgomery, K.R., and J.A. Montgomery

1998 Cultural Resource Inventory of the Bryce Canyon Foster's Development Parcel, Garfield County, Utah. Montgomery Archaeological Consultants.

1998 Cultural Resource Investigations of the Joe Wilson Canyon Pipeline, San Juan County, Utah. Montgomery Archaeological Consultants.

1998 Cultural Resource Inventory of the Goblin Valley Materials Pit, Emery County, Utah. Montgomery Archaeological Consultants.

Montgomery, J.A., and K.R. Montgomery

1998 Cultural Resource Inventory of the Jack Spring Water Line Project, San Juan County, Utah. Montgomery Archaeological Consultants.

1998 Cultural Resource Inventory of the Wellington Canal Irrigation and Water Conservation Project, Carbon County, Utah. Montgomery Archaeological Consultants.

Montgomery, K.R., and J.A. Montgomery

1997 Cultural Resource Inventory and Site Testing of the Cottonwood Creek Water Project, Emery County, Utah. Montgomery Archaeological Consultants.

1997 Cultural Resource Inventory and Evaluative testing for the Wilson Arch Power Line Project, San Juan County, Utah. Montgomery Archaeological Consultants.

1997 Cultural Resource Inventory of the Emery Telephone Company's Green River to Crescent Junction Fiber Optic Line, Grand County, Utah. Montgomery Archaeological Consultants.

Montgomery, K.R., and J.A. Montgomery

1997 Cultural Resource Inventory of the Moab Airport to Crescent Junction Fiber Optic Line, Grand County, Utah. Montgomery Archaeological Consultants.

Montgomery, K.R., and J.A. Montgomery

1996 Cultural and Paleontological Resource Inventory of Utah Department of Transportation's U.S. 191 Lane Addition and Drainage Easement for the Kane Springs Wash Bridge Replacement Project, San Juan County, Utah. Abajo Archaeology.

1996 Cultural Resource Inventory and Evaluation of Utah Department of Transportation's Mormon Tank Wash Bridge Replacement Project Along U.S. 191, San Juan County, Utah. Abajo Archaeology.

Montgomery, K.R.

1996 Evaluative Testing of Site 42Gr2556 along Tusher Canyon Road (CR126), Grand County, Utah. Abajo Archaeology.

W.E. Davis and K.R. Montgomery.

1996 Site 42Sa22396: A Prehistoric Hoe Procurement Site on Big Bench, Southern San Juan County, Utah. Utah Archaeology 1996.

Montgomery, K.R., and J.A. Montgomery

1995 Cultural Resource Inventory of Pacificorp/Utah Power's Proposed 345 kV Transmission Line Green River to Grand Junction Section, Grand County, Utah and Mesa County, Colorado. Volumes I and II. Abajo Archaeology.

Montgomery, K.R.

- 1995 Cultural Resource Inventory and Evaluative Testing for Utah Department of Transportation's State Route 18: St. George to Snow Canyon, Washington County, Utah. Abajo Archaeology.

Montgomery, K.R., and J.A. Montgomery

- 1994 Cultural Resource Inventory and Evaluation of Utah Department of Transportation's Mormon Tank Wash Bridge Replacement Project along U.S. 191, San Juan County, Utah. Abajo Archaeology.

- 1994 Cultural Resource Inventory and Historical Reconnaissance Survey for Utah Department of Transportation's SR-260, Sevier County, Utah. Abajo Archaeology.

Montgomery, K.R.

- 1994 Cultural Resource Inventory of Utah Departments of Transportation's La Sal Junction road improvement project along U.S. 191 and SR-46, San Juan Co., Utah. Abajo Archaeology.

Montgomery, K.R., and J.A. Montgomery

- 1993 Utah Department of Transportation's State Route 31 Huntington Canyon Project: Archaeological Excavations at Site 42Em2109 and 42Em2095, Emery County, Utah. Abajo Archaeology.

Montgomery, K.R.

- 1993 Cultural Resource Inventory and Site Testing for White Mesa Sanitary Landfill in San Juan County, Utah. Abajo Archaeology.

Montgomery, K.R., and J.A. Montgomery

- 1992 Cultural Resource Inventory and Evaluation of the Utah Department of Transportation's State Route 14 Corridor between Mileposts 0.6 and 8.5, Iron County, Utah. Abajo Archaeology.

Montgomery, K.R., and J.A. Montgomery

- 1992 Cultural Resource Inventory and Evaluation of Garfield County's Johns Valley Road Improvement Project, State Road 22 Survey Corridor between Mileposts 12.00 and 16.58, Garfield County, Utah. Abajo Archaeology.

Montgomery, K.R.

- 1992 Cultural Resource Inventories of Utah Department of Transportation's Circleville to Junction State Route 89 and State Route 62 Project Areas, Piute County, Utah. Abajo Archaeology.

Montgomery, K.R.

- 1990 Cultural Resource Survey of a Gold Mine Near Soup Rock, San Juan County, Utah. Sagebrush Archaeological Consultants.

- 1989 Cultural Resource Inventory of the Proposed Utah Department of Transportation's Dubinkey Road Materials Pit, Grand County, Utah. Abajo Archaeology.

Montgomery, K.R.

- 1989 Cultural Resource Inventories and Evaluations of the Utah Department of Transportation's Information/View Localities along State Route 313, Grand County, Utah. Abajo Archaeology.

- 1988 Cultural Resource Inventory of the Proposed Utah Department of Transportation's Sagebrush Bench Materials Pit, Emery County, Utah. Abajo Archaeology.

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Montgomery, K.R., and J.A. Montgomery

1988 The Archaeology of the Recapture Dam Pipeline Project, Phase I, San Juan County, Utah. Abajo Archaeology.

1988 Archaeological Testing for Utah Department of Transportation at Site 42Em1876: Interstate Highway 70, Castle Valley to Beyond Muddy Creek Segment, Emery County, Utah. Abajo Archaeology.

1988 Archaeological Testing at Sites 42Sa10636, 42Sa18241 and 42Sa20040 Along U.S. Highway 191, Grand and San Juan Counties, Utah. Abajo Archaeology.

Montgomery, K.R.

1987 Cultural Resource Inventory of the Utah Department of Transportation's Ferron Creek Bridge and Highway Improvement Project in Emery County, Utah. Abajo Archaeology.

Montgomery, K.R., and J.A. Montgomery

1987 Cultural Resource Inventory of the State of Utah's Horse Pasture No. 2 Chaining Program, Grand County, Utah. Abajo Archaeology.

Montgomery, K.R.

1986 Intensive Cultural Resource Inventory of the Proposed Utah Department of Transportation Cat Canyon Materials Pit, Carbon County, Utah. Abajo Archaeology.

Montgomery, K.R., and J.A. Montgomery

1986 Cultural Resource Inventory and Avoidance Recommendations for the Alkali Road Improvement Project, San Juan County, Utah. Abajo Archaeology.

Montgomery, K.R., and J.A. Montgomery

1985 Cultural Resource Inventory and Avoidance on Seven Seismographic Transects for Champlin Petroleum, Alkali Prospect, San Juan County, Utah. Abajo Archaeology.

Montgomery, K.R.

1983 Cultural Resource Survey of Five Seismic Lines in San Juan County, Utah. Environment Consultants Inc., Dallas, Texas.

Montgomery, J.A., K.R. Montgomery, D. Weder, and F.R. Hauck

1982 Archaeological Investigations in the Ten Mile Potash Project Area in Grand County, Utah. AERC Paper No. 35, Archaeological Environmental Research Corporation, Salt Lake City.

Montgomery, K.R.

1981 Archaeological Reconnaissance of Seismic Corridors and Access Roads in the Cottonwood Canyon, Tank Mesa, Montezuma Canyon, Cedar Peak, and Little Ruin Canyon Localities of San Juan County, Utah. Archeological Environmental Research Corporation.

Montgomery, K.R.

1979 Prehistoric Settlements of Sumas Valley, Washington. Masters's Thesis, Department of Anthropology, Western Washington University.

Montgomery, K.R.

1978 "A Preliminary Report of Archaeological Research of the Sumas Area." Paper Presented to the 31st Annual Northwest Anthropological Conference.

Education

- 2004 - Present Ph.D., Anthropology, Washington State University - Pullman, WA
Dissertation topic – How shifting subsistence strategies of settled agro-pastoralists relate to changes in the environment and social structure at the Chalcolithic site of Gilund India, Chaired by Dr. S. Weber
- 2000 - 2004 M.A., Anthropology, Washington State University - Pullman, WA
Thesis titled “*Investigations of Human Gnawing on Small Mammal Bones Among Contemporary Bofi Foragers of the Central African Republic*,” Chaired by Dr. K.D. Lupo
- 1992 - 1997 B.S., Sociology-Anthropology, Montana State University - Bozeman, MT

Research Interests

- Conservation Biology, Prehistoric Environmental Exploitation, Cultural Sustainability
- Appropriate Field Methodologies, Public Participation and Archaeological Applicability
- Colorado Plateau, Chaco, Anasazi, Fremont, Socioeconomic Scale and Interactions
- Indus Civilization, Shifting Subsistence Strategies, Pastoralism, Domestication
- Central Africa Forest-Foragers, Ethnography, Applied Ethnographic Research
- Zooarchaeology, Taphonomy, Hominid/Hominoid Ecology

Publications and Reports

Fancher, Jason and **Matthew Landt**

In Prep *Tooth and Tool in Small Mammal Butchery Studies: Ethnoarchaeological Research Among Bofi Foragers of the Central African Republic*. Prepared for submission to Journal of Anthropological Archaeology during Summer 2006

Landt, Matthew and Andrew Duff

In Prep Report on Excavations from the 2005 and 2006 Cox Ranch Community Project. Prepared for submission to BLM – Socorro Field Office during early summer 2006.

Landt, Matthew

In Prep *Tooth Marks and Human Consumption: Ethnoarchaeological Mastication Research Amongst Foragers of the Central African Republic*. Prepared for submission to Journal of Archaeological Science during early summer 2006

Landt, Matthew and Jenn Mueller

In Press *Prehistoric Bedrock Mortars in Southeastern Utah*. Utah Archaeology. Given final acceptance and awaiting publication of volume.

Landt, Matthew J.

2005 *Preliminary Report on the Faunal Remains from Gilund, India*. Submitted in Fall 2005 and awaiting final form from P.I.s Dr. G. Possehl (U. of Penn.) and Dr. V. Shinde (Deccan College) – expected during summer 2006

Mueller, Jenn and **Matthew Landt**

2004 *Results of A Cultural Resource Revisitation Program for Lisbon Valley, San Juan County, Utah*. Bureau of Land Management. Copies available from BLM Report # U-04-BL-1395b, p, s.

Lupo, Karen, and **Matthew Landt**

2003 *Wear and Functional Analysis of Three Bone Scrapers from the Bernstein-Dierking Discovery Site (42SA24364), Utah*. Prepared for Edge of the Cedars State Park Museum, Blanding, Utah.

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Professional Presentations

Mueller, Jenn L., **Matthew J. Landt**, and Donna Turnipseed

2005 *Dowcutting, Erosion and Old Survey Data: A Cautionary Tale of Two Site Inventories.*
Paper presented at the 7th Biennial Rocky Mountain Anthropological Conference, September 2005, Park City, Utah.

Landt, Matthew, Andrew Duff, and Fumiyasu Arakawa

2005 *Results from the Cox Ranch Pueblo Community Research Project.* Poster presented at the 70th Annual Meeting of the Society for American Archaeology, March-April 2005, Salt Lake City, UT. – Included as link on National BLM website in web-friendly format at http://www.blm.gov/heritage/adventures/heritage_ed/site_visits.html, accessed 10 Jan 2006.

Duff, Andrew, Alissa Nauman, Jenn Mueller, Stephanie VanBuskirk, Gary Huckleberry, **Matthew Landt**, and Hugh Robinson

2004 *Recent Research in the Cox Ranch Community, a Chacoan Community on the System's Southern Frontier.* Poster presented at the 69th Annual Meeting of the Society for American Archaeology, March-April 2004, Montreal, Canada.

Landt, Matthew

2003 *Investigations of Human Gnawing on Small Mammal Bones by Contemporary Bofi Foragers of the Central African Republic.* Paper presented at the 68th Annual Meeting of the Society for American Archaeology, April 2003, Milwaukee, WI.

Schachner, Gregson, Andrew I. Duff, **Matt J. Landt**, and R. David Satterwhite

2003 *Exploring Chaco's Southern Frontier: Survey of the Cox Ranch Community.* Poster presented at the 68th Annual Meeting of the Society for American Archaeology, April 2003, Milwaukee, WI.

Guest Lecturer

Landt, Matthew

2005 *Chimpanzee Mastication and Early Hominid Evolution.* Invited Lecturer at WSU-Pullman as part of the Undergraduate Anthropology Lecture Series.

Landt, Matthew

2005 *The Marginal Chalcolithic Site of Gilund, India.* Invited Lecturer at WSU-Vancouver as part of Vancouver Anthropology Undergraduate Colloquium Series.

Society Memberships

Society for American Archaeology (since 2000)
Archaeological Conservancy (since 2003)
International Council of Archaeozoology (2002)

Register of Professional Archaeology (since 2004)
Society of Conservation Biology (since 2003)

Computer & Miscellaneous Skills

Adobe Suite (Photoshop and Illustrator)
ArcGis & GPS Pathfinder
Microsoft Suite (Excell, Word, Powerpoint, etc.)

Automotive Repair Skills (Clutch, Throwout Bearing, Carburetor, Transfer Case, etc.)
NAUI Certified (2002)

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Field Work Experience**Date / Location****Supervisor, Position, & Nature of Work**July - Aug 2005
UtahDonna Turnipsees (BLM), Archaeological Technician/ArcGis Specialist
Hired under the STEP program with the Moab Field Office. Performed Section 106, Class III Field Inventory and Pedestrian Survey for Uranium testing programs in Lisbon Valley with at-risk/vandalized sites in Ten-Mile Canyon. In field mapping and lithic analysis with Trimble mapping.May - July 2003-2005
New MexicoDr. Andrew Duff (WSU) - Field School Teaching Assistant/Excavation Crew Chief/
Site Photographer; Plan and Supervise Site Excavation and Facilitate Student
Instruction in Excavation Procedures as well as Field Laboratory Methods that
include Flotation and Faunal Analysis at the Cox Ranch Pueblo CommunityJan - Feb 2005
IndiaDr. Gregory Possehl (University of Pennsylvania), Faunal Analyst/Excavation Crew
Chief; Archaeological Excavation, Survey and Faunal Analysis at the Chalcolithic
site of Gilund, Rajasthan District, IndiaJuly - Dec 2004
UtahDonna Turnipseed (BLM) & Dr. Andrew Duff (WSU), Crew Chief/ArcGis Trainee
Challenge Cost-Share/Cooperative Conservation Initiative Agreement between
Washington State University and the BLM, Moab Field Office (MFO). Audited
cultural resource records at MFO for 'at-risk' sites. Performed unsupervised
Section 106, Class III field inventory for designated sites with GIS. Reassessed site
evaluations and provided action plan for mitigation in Lisbon Valley.Sept - Dec 2003 /
Central African
RepublicDr. K.D. Lupo (WSU), Ethnoarchaeological Assistant
Pedestrian and Archaeological Survey of Rockshelters, Ethnographic Interviews
and Focal Follows among Forest Foragers in the N'gotto Forest ReserveJuly 2003 /
UtahMr. David Schmitt (Desert Research Institute), Crew
Pedestrian Survey on Dougway Military Base for Stryker ProjectJuly - Aug 2002 /
WashingtonDr. Matthew Root (Rainshadow Research, Inc.), Crew
Pedestrian Survey for BLM Land Exchange in NE WashingtonMay - June 2002 /
New MexicoDr. Andrew Duff (WSU) - Crew
Pedestrian Survey & Reconnaissance for 2003 WSU Field School at the Cox Ranch
Peublo CommunitySept 2001 /
IdahoDr. Peter Mehringer (WSU), Student
Lake Coring linked with Palynology class at Perkins LakeJuly - Aug 2001 /
MontanaDr. Leslie Davis (Museum of the Rockies), Crew and Lab Manager
Pedestrian Survey and Excavation at the Hagen Site, OTL Ridge, and MacHaffie
Site. Responsible for the Curation and Cataloging of Excavated Materials.July - Aug 2000 /
MontanaDr. Leslie Davis (Museum of the Rockies), Excavation Crew and Lab Manager
Archaeological Reconnaissance in the Badlands of Montana and South Dakota.
Responsible for Excavation, Curation and Cataloging of Materials at MacHaffie.**INCORPORATED****MAY 18 2007**

Field Work Experience cont'd

Date / Location	Supervisor, Position, & Nature of Work
July - Aug 1998 / Montana	Dr. Leslie Davis (Museum of the Rockies), Crew Excavation in Central Montana at Blacktail Cave and the MacHaffie Site
June - July 1996 / Wyoming	Dr. Marcel Kornfeld & Dr. Charles Reher (University of Wyoming), Student Excavator at the Vore Buffalo Jump, Sandcreek Rockshelter, and Pedestrian Survey in the Black Mountain Archaeological District

Teaching/Professional Experience

Date	Position/Supervisor	Nature of Work/Location
2005-2006	Teaching Assistant World History Pre-1500 Introduction to Anthropology	Anthropology Department (GenEd 110) (Anth 101) WSU, Pullman, WA Dr. Richard Hines Dr. Marsha Quinlan
Spring 2004	Preceptor/Grader, Dr. Ken Faunce,	World History Post-1500 (GenEd 111) Anthropology Department WSU, Pullman, WA
Spring 2004	Preceptor/Tutor, Dr. Katherine Lovrich,	Physical Anthropology (Anth 260) Student Advising and Learning Center WSU, Pullman, WA
2001-2003	Scanning Electron Microscopy Technician, Microscopy Research (EMIC 487) Dr. Chris Davitt	Department of Biological Sciences WSU, Pullman, WA
2001-2003	Teaching Assistant, Introduction to Anthropology Sex, Evolution and Human Behavior World History Post-1500 Introduction to Anthropology	Anthropology Department (Anth 101) (Anth 468) (GenEd 111) (Anth 101) WSU, Pullman, WA Dr. Gary Huckleberry Mrs. Terry Tucker Dr. Ken Faunce Dr. Shila Baksi
2001-2003	Senator, Graduate and Professional Student Association (GPSA)	WSU, Pullman, WA
2001-2003	Affiliate, GPSA Budget Committee	WSU, Pullman, WA
Fall 2002	Research Assistant, Dr. Peter Mehringer,	SEM Technician/Image Analysis of Ground Stone Anthropology Department WSU, Pullman, WA
Spring 2002	Research Assistant, Dr. Linda Stone,	Human Genome Diversity Project Literature Research Anthropology Department WSU, Pullman, WA
Spring 2002	Research Assistant, Mr. Kevin Pullen,	Lab Prep/Cataloging of Small Animal Comparative Specimens for Curation in the Connor Museum of Vertebrate Zoology Department of Biological Sciences WSU, Pullman, WA
Fall 2001	Museum Assistant, Dr. Mary Collins,	Volunteer/Supervisor for Visit of Grade School Children Museum of Anthropology WSU, Pullman, WA
Summer 2001	Museum Technician, Dr. Mary Collins,	Catalogue Artifacts for Curation and NAGPRA Compliance Museum of Anthropology WSU, Pullman, WA

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Teaching/Professional Experience cont'd

Date	Position/Supervisor	Nature of Work/Location
Spring 2001	Research Technician, Dr. Peter Mehringer,	Identification of Macrobotanicals in Multiple Lake Cores Anthropology Department WSU, Pullman, WA
1997-1998	Research Assistant, Dee Seitel	Display Preparation, Cataloging and Curation of Prehistoric and Historic Artifacts and Fossils Museum of the Rockies MSU, Bozeman, MT
1994-1996	Resident Advisor, Tammy Olsten	Organize & Supervise Student Community Involvement Montana State University MSU, Bozeman, MT
Spring 1995	Resident Advisor National Representative, Jeff Bondy	National Association of College and University Montana State University MSU, Bozeman, MT

Awards, Grants, and Honors

Type/Date	Issuer & Nature of Grant/Award
Award / Fall 2005	1 st Annual Rain Shadow Research Graduate Student Award to further graduate research.
Scholarship / Spring 2005	1 st Annual Janet L. Friedman Memorial Scholarship in Archaeology for a Ph.D. student with a focus in Cultural Resource Management.
Award / Fall 2004	Excellence Award for archaeological contribution to the BLM- Moab Field Office (1st Oct 2004)
Grant / Spring 2003	Graduate School Travel Grant for travel to 68 th Annual Meeting of the Society for American Archaeology, April 2003, Milwaukee, WI.
Grant / Spring 2003	GPSA Registration Grant for registration at 68 th Annual Meeting of the Society for American Archaeology, April 2003, Milwaukee, WI
Award / Spring 2003	GPSA Senate Excellence Award for service to graduate and professional students as a member of the Senate and Budget Committee

Language Abilities

Language	Experience	Ability
English	--	fluent
German	2 years school	non-practical
Hindi	2 months	practical only - Spring 2005
Rajastani	2 months	practical only - Spring 2005
French	3 months	practical only - Fall 2003
Sangho	2.5 months	practical only - Fall 2003
Bofi	2.5 months	practical only - Fall 2003

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VITA

MARK CLAYTON BOND
P.O. Box 56
Bluff, Utah 84512

EDUCATION:

MA in Anthropology (Dean's List), Northern Arizona University, Flagstaff, Arizona, 1981.

BA in Anthropology, (with Honors), New Mexico State University, Las Cruces, New Mexico, 1974.

PROFESSIONAL EXPERIENCE:

1999-Present Staff Archaeologist (full-time), Montgomery Archaeological Consultants, Moab, Utah.

1996-1998 and 2002 Project Site Foreman, University of Colorado (Boulder), summer field school excavations at Site 42Sa22674, a Chacoan Great House in Bluff, Utah.

1990-2002 Consulting Project Archaeologist contracting with Abajo Archaeology, Bluff, Utah.

1988-1990 Staff Archaeologist, Zuni Archaeological Program, Zuni Pueblo, New Mexico.

1982-1988 Consulting Project Archaeologist contracting with Abajo Archaeology, Bluff, Utah.

1987 Archaeological Field Director, Human Systems Research, Inc., Las Cruces, New Mexico.

1981 Crew Director, Plano Archaeological Consultants, Longmont, Colorado.

1981 Project Archaeologist, Archaeology Laboratory, Northern Arizona University, Flagstaff, Arizona.

1980 Crew Director, Laboratory of Public Archaeology, Colorado State University, Fort Collins, Colorado.

1979-1980 (full time) and 1975-1977 (intermittent) Project Director, Cultural Resources Management Division, Department of Sociology and Anthropology, New Mexico State University, Las Cruces, New Mexico.

TECHNICAL REPORTS AND PUBLICATIONS:

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- 1976 An Archaeological Survey of Sixteen Proposed Drill Pads in Socorro County, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 47.
- 1976 An Archaeological Reconnaissance of Ten Proposed Geothermal Testing Areas in Hidalgo County, New Mexico, with Janet Watson. New Mexico State University, Cultural Resources Management Division Report No. 51.
- 1977 Highway Salvage Archaeology in the Vicinity of Chilchinbito, Arizona, with Toni Sudar-Murphy and Fred P. Frampton. New Mexico State University Museum Occasional Paper No. 4.
- 1978 Collection and Analysis of Lithic Procurement Debris Loci in the Bullhead City-Riviera Area, Mohave County, Arizona. Manuscript on file, Laboratory of Archaeology, Northern Arizona University, Flagstaff.
- 1978 A Survey of Proposed Construction Site Areas in Riviera, Arizona. Manuscript on file, Laboratory of Archaeology, University of Northern Arizona, Flagstaff.
- 1979 An Archaeological Survey of Eight Proposed Continental Oil Company Well Locations in Lea County, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 285.
- 1979 An Archaeological Survey of Selected Parcels of Bureau of Land Management Administered Lands in the Eagle Draw and Cottonwood Wash Watersheds, Eddy and Chaves Counties, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 298.
- 1979 A Class III Cultural Resource Inventory of Proposed Off-Road Vehicle Areas in the Haystack Mountain, Comanche Hill, and Mescalero Sands Vicinity near Roswell, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 327.
- 1979 An Archaeological Clearance Survey for a Buried Telephone Cable in Dona ana County, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 330.
- 1980 An Archaeological Clearance Survey of the Restless Prospect. New Mexico State University, Cultural Resources Management Division Report No. 360.
- 1980 An Archaeological Clearance Survey of the Aden Crator Prospect. New Mexico State University, Cultural Resources Management Division Report No. 363.
- 1980 An Archaeological Clearance Survey of the Hunts Hole Prospect. New Mexico State University, Cultural Resources Management Division Report No. 364.

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- 1980 An Archaeological Survey of Two Proposed Well Pad Sites in Southern Dona Ana County, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 367.
- 1980 An Archaeological Clearance Survey of Eleven Magnetelluric Survey Sites near Radium Springs, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 375.
- 1980 An Archaeological Survey of Nineteen Proposed Uranium Prospect Drill Holes in McKinley County, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 377.
- 1980 An Archaeological Survey of a Proposed El Paso Electric Company Powerline in northeastern Luna County, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 383.
- 1980 An Archaeological Survey of the Mesa Park Project, Las Cruces, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 390.
- 1980 An Archaeological Survey of Five Proposed Uranium Test Drilling Locations near the Bear Mountains, Socorro County, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 391.
- 1980 An Archaeological Survey of a Mine Access Road near Magdalena, Socorro County, New Mexico. New Mexico State University, Cultural Resources Management Division Report No. 395.
- 1981 An Archaeological Survey of Two Proposed Water Well Sites in Coconino and Navajo Counties, near Dennebito Trading Post, Arizona. Manuscript on file, Northern Arizona University, Archaeology Laboratory, Project No. 452-AZ-D.
- 1981 An Archaeological Survey of Fifteen Proposed House Sites in the Keams Canyon Wash Vicinity and Three Proposed Electrical Service Lines on Hopi Tribal Lands in Navajo County, Arizona. Manuscript on file, Northern Arizona University, Archaeology Laboratory, Project No. 475-AZ-J.
- 1981 Ground and Pecked Stone Artifacts from the San Juan Bridge Project. Manuscript on file, Selected Studies Program, Department of Anthropology, Northern Arizona University.
- 1982 An Intensive Cultural Resource Inventory of a Proposed Energy Fuels Nuclear, Inc., Uranium Exploration Field Camp in Northern Mojave County, Arizona. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Arizona Strip District Office, Bureau of Land Management, St. George, Utah.

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- 1982 An Intensive Cultural Resource Inventory of the Energy Fuels Nuclear Inc., Proposed Corncob and S.G. Claims Drilling Locations in Northern Mohave County, Arizona. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Arizona Strip District Office, Bureau of Land Management, St. George, Utah.
- 1982 An Intensive Cultural Resource Inventory of a Garkane Power Association, Inc., Powerline Right-of-way in Northern Mohave County, Arizona. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Arizona Strip District Office, Bureau of Land Management, St. George, Utah.
- 1982 Archaeological Investigations on the Garkane Power Association, Inc., Hack Canyon Powerline Right-of-way, Northern Mohave County, Arizona. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Arizona Strip District Office, Bureau of Land Management, St. George, Utah.
- 1982 The Intensive Cultural Resource Inventories of Four Uranium Exploration Drilling Platform Areas near the Mt. Trumbull Road in Northern Mohave County, Arizona. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Arizona Strip District Office, Bureau of Land Management, St. George, Utah.
- 1982 The Intensive Cultural Resource Inventory of Six Proposed Energy Fuels Nuclear, Inc., Uranium Exploration Drilling Locations in Northern Mohave County, Arizona. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Arizona Strip District Office, Bureau of Land Management, St. George, Utah.
- 1982 The Intensive Cultural Resource Inventory of the Energy Fuels Nuclear, Inc., Drill Site No. 86 Uranium Exploration Drilling Location in Northern Mohave County, Arizona. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Arizona Strip District Office, Bureau of Land Management, St. George, Utah.
- 1983 White Mesa Ceramics, 1981. In 1981 Excavation on White Mesa, San Juan County, Utah, by William E. Davis, et al., pp. 165-240. Manuscript on file, Plano Archaeological Consultants, Longmont, Colorado.
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- 1983 Archaeological Survey of the Rocky Mountain Geophysical Siesmographic Exploration Transect Right-of-way: Horsehead Point, Coal Bed Canyon, and Cedar Point, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1983 Ceramics. In 42Sa14187: A Pueblo II Anasazi Burial in Westwater Canyon, San Juan County, Utah edited by William E. Davis. Manuscript on file, Abajo Archaeology, Bluff, Utah.
- 1984 Ceramics. In 42Sa16011: A Basketmaker III Slab-lined Cist North of Recapture Wash, San Juan County, edited by William E. Davis. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1984 Archaeological Survey of the Proposed San Juan County Roads' Alkali Ridge Road (CR204) Gravel Quarry, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1984 Archaeological Survey of the Proposed San Juan County Roads' Bluff Airport Road, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1984 Archaeological Survey of a Portion of the City of Blanding Water Pipeline Construction Project, Johnson Creek Canyon, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1984 Archaeological Survey of the San Juan County Roads' Alkali Ridge Road (CR204) Surfacing Project, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1984 The Archaeological Survey of the Union Oil Company of California's Proposed Natural Gas Pipeline: Drill Site A-911 to the Big Indian Valley, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Moab District Area, Bureau of Land Management, Monticello, Utah.
- 1984 Archaeological Survey of the San Juan County Roads' Proposed County Road 146 Realignment at the Confluence of Tank and Montezuma Canyons, San Juan County, Southeastern Utah, with William E. Davis. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.

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- 1985 The Archaeological Survey of Rocky Mountain Geophysical, Inc., Seismographic Exploration Transect Numbers PX-4, Southeast San Juan County, Utah, and Montezuma County, Colorado. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1985 Archaeological Survey of Six GeoSeismic Services, Inc., Seismographic Exploration Transects on the Ute Mountain Reservation, Montezuma County, Colorado. Manuscript on file, Abajo Archaeology, Bluff, Utah.
- 1985 Piedra Black-on-white, White Mesa Variety: Formal Description of a Western Mesa Verde Anasazi Pueblo I White Ware Type, with Winston Hurst and Sloan Emory Schwindt. Pottery Southwest, 12(3).
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- 1985 Cultural Resource Inventory of the Utah Department of Transportation's Section 7 Borrow Pit Location, Southern Carbon County, Utah with Debra Foldi. Manuscript on file, Abajo Archaeology, Bluff, Utah, and the Price River Resource Area Office, Bureau of Land Management, Price, Utah.
- 1986 The Cultural Resource Inventory of Southern Union Exploration Company's Proposed Tin Cup Federal 1-31 and 1-36 Well Pad Locations and Associated Access Routes in San Juan County, Southeastern Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1987 42Em2112: Cultural Resource Inventory and Testing of a Fremont Camp Site in the Proposed Utah Department of Transportation Detour Right-of-way at the Huntington Creek Bridge, Emery County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah, and the Antiquities Section, Division of State History, Salt Lake City, Utah.
- 1987 Archaeological Testing at 42Sa9290: A Basketmaker III Pit House Village in the Westwater Canyon Bottom, San Juan County, Utah with William E. Davis. Manuscript on file, Abajo Archaeology, Bluff, Utah, and the Antiquities Section, Division of State History, Salt Lake City, Utah.
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- 1987 Archaeological Inspection of Southern Union Exploration's Tin Cup Federal 1.31 Reserve Pit, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the San Juan Resource Area, Bureau of Land Management, Monticello, Utah.
- 1987 Archaeological Survey of a Six Mile Fence Line on White Sands Missile Range north of Organ, Dona Ana County, New Mexico. Human Systems Research, Inc., Project No. 8719, Tularosa, New Mexico.
- 1987 Archaeological Survey of a Mountain Bell Buried Telephone Cable Near Holloman Air Force Base, Otero County, New Mexico. Human Systems Research, Inc., Project No. 8720, Tularosa, New Mexico.
- 1987 Archaeological Survey of a Proposed Otero Electric Company Powerline Corridor on Fort Stanton Mesa, Lincoln County, New Mexico. Human Systems Research, Inc., Project No. 8722, Tularosa, New Mexico.
- 1987 Archaeological Survey of Two Proposed Hughes Aircraft, Inc., Mobile Radar Site Locations in De Baca and Lincoln Counties, New Mexico. Human Systems Research, Inc., Project No. 8723, Tularosa, New Mexico.
- 1987 Archaeological Survey of the Mountain Bell Rough and Ready Gap Buried Fiber Optics Right-of-way in Dona Ana County, New Mexico. Human Systems Research, Inc., Project No. 8717, Tularosa, New Mexico.
- 1988 Historic Artifacts from Site 42Em1934. In The Interstate 70 Ghost Rock Archaeological Project, Emery County, Utah, edited by William E. Davis. Manuscript on file, Abajo Archaeology, Bluff, and the Antiquities Section, Division of State History, Salt Lake City, Utah.
- 1989 Site Descriptions: AZ:K14:25 and AZ:K:14:27 with Mark B. Sant. In Excavation at Early Puebloan Sites in the Puerco River Valley, Arizona: The N2007 Project edited by Mark B. Sant and Marianne Marek. Zuni Archaeological Program Report No. 271.
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- 1990 Archaeological Survey of the East Mill Housing Well and Beacon Well Locations, Navajo Nations New Lands, Apache County, Arizona. Zuni Archaeological Program Report No. 311.

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- 1990 An Archaeological Survey of the Chevron USA, Inc., Range Creek #3-4 Drill Location and Associated Vehicle Access Routes in the Book Cliffs Area, Emery County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Price River Resource Area Office, Bureau of Land Management, Price, Utah.
- 1990 The Cultural Resources Inventory of a Proposed Western Gas Processors, Inc., Gas Pipeline Corridor near Tsitah Wash, Apache County, Arizona. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Navajo Nation Historic Preservation Department, Window Rock, Arizona.
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- 1992 Cultural Resource Inventory and Evaluative Testing along SR262: Utah-Colorado State Line to Montezuma Creek, Navajo Nation Lands, San Juan County, Utah with William E. Davis, Winston B. Hurst and Deborah A. Westfall. Manuscript on file, Abajo Archaeology, Bluff, Utah.
- 1992 Archaeological Survey of the Utah Department of Transportation's Proposed State Route 9 Dalton Wash to Grafton (F-014(17)), Slump-fill disposal Loci Project, Washington County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.

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- 1993 Cultural Resource Inventory of the Proposed Grand County Hastings Road (CR154) Improvement Project, Grand County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1993 Cultural Resource Inventory of Six Proposed Road Improvement Segments: The San Juan Road 146 Improvement Project, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1993 Cultural Resource Inventory of the SR24 Improvement Project: Interstate 70/SR24 South to Greasewood Draw, Milepost 155 to Milepost 161, Emery County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1993 Cultural Resource Inventory and Traditional Cultural Properties Survey of the Proposed San Juan County Road Department's CR413 Improvement Project on Navajo Nation Lands, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Navajo Nation Historic Preservation Department, Window Rock, Arizona.
- 1993 Archaeological Investigations Along the Utah Department of Transportation's U.S. Highway 191 Improvements Project Right-of-way: Cow Canyon to State Route 262, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1993 Cultural Resource Inventory and Evaluative Testing Along U.S. Highway 191: Black Mesa Road to Shirttail Junction, San Juan County, Utah with Winston B. Hurst, Deborah A. Westfall, and William E. Davis. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1994 Evaluative Testing of Four Archaeological Sites Along the Grand County's Proposed Hastings Road (CR154) Improvement Project Right-of-way, Grand County, Utah with Jonathon Till. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.

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- 1994 Ceramic Analysis of Sherd Collections from Natural Bridges National Monument, Arches National Park and Canyonlands National Park, Southeastern Utah. Manuscript on file, Canyonlands National Park Headquarters, Moab, Utah.
- 1994 The Cultural Resource Inventory of the Utah Department of Transportation's State Road 50 Cattle Underpass Project, Eastern Millard County, Utah with William E. Davis. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1994 The Cultural Resource Inventory of Six Proposed Filming Loci for Locations Southeast in the Valley of the Gods, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1994 Limited Evaluative Testing of Six Archaeological Sites Located along Utah Department of Transportation's Proposed US-191 Improvement Project (NH-0191(2)42), Black Mesa Road to Shirttail Junction, San Juan County, Utah with Winston B. Hurst and Deborah A. Westfall. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1994 Cultural Resource Inventory of Two Proposed Gravel Pits and Associated Facilities on the Bluff Bench, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1995 Cultural Resource Inventory of the San Juan County School District's Proposed Blanding Block Project, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1995 The Archaeological Survey of a Proposed Western Gas Resources, Inc., Buried Pipeline Right-of-way Corridor in Upper Little Nance Patterson Canyon, San Juan county, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1995 Supplemental Archaeological Investigations Along the U.S. Highway 191 Right-of-way. Addendum to: Archaeological Investigations Along the Utah Department of Transportation's U.S. Highway 191 Improvements Project Right-of-way: Cow Canyon to State Route 262, San Juan County, Utah (1993). Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1996 Evaluative Testing of Two Discovery Sites, 42Sa22502 and 42Sa22503, Along the San Juan County Road 104 Realignment, San Juan County, Utah with Jonathon Till. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.

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- 1996 Ceramic Analysis. In Archaeological Testing at the Bluff Great House, Southeastern Utah, October 1995 with Cathrine Cameron, Stephen K. Lekson and William E. Davis. Manuscript on file, Department of Anthropology, University of Colorado, Boulder.
- 1996 A Technical Proposal for a Three Year Program of Archaeological Inventory, Natural Bridges National Monument, San Juan County, Utah with William E. Davis, Winston B. Hurst, Jonathan D. Till and Deborah A. Westfall. Manuscript on file, Natural Bridges National Monument, Utah.
- 1996 Cultural Resource Inventory of Space Chimp Production's Proposed White Wash Filming Location, Grand County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Grand Resource Area Office, Bureau of Land Management, Moab, Utah.
- 1997 Cultural Resource Inventory and Avoidance: Twin Mountain Rock Company's Proposed Railroad Spur, Beaver County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1997 Cultural Resource Inventory of the Twin Rock Company's Quarry Expansion Area, Beaver County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1998 Archaeological Investigations in the DTX-10 Project Area, Washington County, Utah with William E. Davis, Jonathon D. Till and Deborah A. Westfall. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Cedar City District Office, Bureau of Land Management, Cedar City, Utah.
- 1998 Cultural Resource Inventory of the Proposed KEJANA Development Mill Creek Canyon Road Improvement Corridor Project, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Grand Resource Area Office, Bureau of Land Management, Moab, Utah.
- 1999 Archaeological Test Excavations at Sites 42Sa23300 and 42Sa23301 in the Canyon of Mill Creek, San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Grand Resource Area Office, Bureau of Land Management, Moab, Utah.
- 1999 Cultural and Paleontological Resource Inventory of Utah Department of Transportation's Proposed Improvement Project: State Route 20, Milepost 0 to 10.5, Iron and Garfield Counties, Utah with William E. Davis and Deborah A. Westfall. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 1999 A Cultural and Paleontological Resources Inventory of the Proposed Brown Sugar Surface Mine Area in Tooele County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Salt Lake City Office, Bureau of Land Management, Salt Lake City, Utah.

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- 2000 Cultural and Paleontological Resources Inventory of the Proposed Roadway Reconstruction along Highway US-89, Centerfield to Gunnison (UDOT Project No. NH-0089(43)206), Sanpete County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and Division of State History, Salt Lake City, Utah.
- 2000 Evaluative Archaeological Testing at Site 42Sa22675, Bluff Bench Gravel Pit (UDOT Project NH-0191(6)37), San Juan County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and Division of State History, Salt Lake City, Utah.
- 2000 Cultural Resource Inventory along Selected Fence Lines at the Green River Test Site (GRTS), Green River, Grand Junction, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Archaeology Office, U.S. Army, White Sands Missile Range, New Mexico.
- 2000-2002 Cultural Resource Inventories of Fill Sediment Disposal Areas near the Utah Department of Transportation's North Glendale to Long Valley Junction US-89 Improvement Project, Kane County, Utah (STP-0089(11)90). Three letter reports for small cultural resource inventories (U-00-AS-0686p, U-00-AS-0332p and U-00-AS-0037p). Manuscripts on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 2001 Mars Analog Research Station (MARS) Cultural Resource and Paleontological Inventory on SITLA Lands near Hanksville, Wayne County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 2001 The Cultural Resource Inventory of the Utah National Guard Blanding Armory Maintenance Hut Construction Project, Blanding, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 2001 Cultural and Paleontological Resources Inventory of Utah Department of Transportation's SR-161 Cove Fort Rest Area Turning Lanes Project (No. IM-15-4(39)138), Millard County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 2002 Cultural and Paleontological Resource Inventory of the Proposed Ticaboo Breakwater Quarry Project, Garfield County, Utah. Manuscript on file, Abajo Archaeology, Bluff, Utah and the United State Department of the Interior, National Park Service, Glen Canyon National Recreation Area, Lake Powell, Utah.
- 2002 Cultural and Paleontological Resource Inventory Aong 5500 West and 5700 West, Kanarraville to Iron Springs, Cedar City, Iron County, Utah (Udot Project No. STP-1756(1)0). Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.

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- 2002 The Class III Cultural Resources Inventory of the Southeastern Area Sale Parcels: Looking Glass Overlook Deux, Pine Ridge, Lower Allen Canyon, Dolores Point Overlook, Mine Road, Photograph Gap, Millcreek Overlook and Southern Comb Ridge, San Juan, Grand and Emery Counties, Utah (State Survey Permit No. U-01-AS-0541s) with Winston B. Hurst and William E. Davis. Manuscript on file, Abajo Archaeology, Bluff, Utah and the Division of State History, Salt Lake City, Utah.
- 2003 Cultural Resource Inventory of Westport Resources Deadman Creek 3939 Acre Block Survey, Carbon County, Utah with Anne Raney. Manuscript on file, Montgomery Archaeological Consultants, Moab, Utah and the Price River Resource Area Office, Bureau of Land Management, Price, Utah.
- 2003 Cultural Resource Management Inventory of Shenandoah Energy's OU GB #3W-15-8-22 Well Location on Glen Bench, Uintah County, Utah. Manuscript on file, Montgomery Archaeological Consultants, Moab, Utah and the Vernal Field Office, Bureau of Land Management, Vernal, Utah.
- 2003 Cultural Resource Inventory of Pendragon Energy's Well Locations Federal #14-17-10-18, #7-19-10-18 and #15-20-10-18, Uintah County, Utah. Manuscript on file, Montgomery Archaeological Consultants, Moab, Utah and the Price River Resource Area Office, Bureau of Land Management, Price, Utah.
- 2003 Cultural Resource Inventory of Shenandoah Energy's Proposed Well Locations WVX #8-17-8-21, NC 3M-32-8-22 and NC 8m-32-8-22 on Ute Indian Lands, Uintah County, Utah. Manuscript on file, Montgomery Archaeological Consultants, Moab, Utah and the Ute Indian, Tribe, Uintah and Ouray Agency, Fort Duchesne, Utah.
- 2003 Cultural Resource Inventory of Shenandoah Energy's Proposed Well Locations WVX 1W-17, WVX 2W-17, WVX 5W-16 GB 3W-36 and GB 7W-36 on Ute Tribal Land, Uintah County, Utah. Manuscript on file, Montgomery Archaeological Consultants, Moab, Utah and the Price River Resource Area Office, Bureau of Land Management, Price, Utah.
- 2003 Cultural Resource Inventory of Shenandoah Energy's Proposed Well Locations NDC 9M-22, 11M-22, 3M-27, 10W-25 and Lateral #5 Pipeline (Township 8S, Range 21E), Uintah County, Utah. Manuscript on file, Montgomery Archaeological Consultants, Moab, Utah and the Price River Resource Area Office, Bureau of Land Management, Price, Utah.

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Education:

2004 Master of Arts in Anthropology, University of Montana, Missoula, Montana.

2001 Bachelor of Arts in Anthropology, University of Montana, Missoula, Montana.

Work Experience:

2005-Present Staff Archaeologist.

Montgomery Archaeological Consultants. Moab, Utah.

Conducted various Class I literature reviews and Class III inventories in Utah (Vernal field office, Price Field Office, Richfield Field Office, Cedar City Field Office, Monticello Field Office, and Moab Field Office). Responsibilities include conducting fieldwork (survey, testing, and data recovery); documentation of prehistoric and historic cultural resources; site eligibility (NRHP) assessments; laboratory analysis of artifacts; and site form and report preparation. Skilled in a number of software packages including Microsoft Word, Excel, GPS Pathfinder and ArcView; and is proficient with the use of GPS units and related software (e.g. Trimble GeoExplorer II and III).

2004-2005 Archaeological Technician.

USDA Forest Service, Sierra National Forest. Clovis, CA.

Conducted cultural resource surveys and inventories in areas of proposed projects. Produced site maps using a compass and protractor. Took GPS location readings using a Garmin GPSMAP 76S. Took site photos. Recorded new sites, and monitored the site condition of pre-recorded sites. Monitored the performance of contract archaeologists for compliance with their contract.

Performed file searches and pre-field research. Filed archaeological site records and reports. Uploaded GPS data to ArcGIS/ArcMap, and produced project area maps and inventory maps. Cataloged digital pictures and burned them onto CD's for storage. Compiled and entered archaeological data in preparation of reports. Updated and maintained records systems of known cultural resources. Evaluated the archaeological accuracy in the reporting of survey and excavation findings in three wilderness cultural resource inventories, and in contractor site reports. Performed site condition assessments. Served as the Forest Service's contract

inspector on contracts that they had negotiated with a CRM firm for Wilderness inventories. Assisted in writing cultural resource management reports for five commercial pack stations operating in Sierra Nevada Wilderness areas.

2002-2003 Archaeological Records Technician.
University of Montana. Missoula, Montana.

Filing archaeological site records, scanning records into the Montana Antiquities Database, updating records, processing requests for site records, and assigning site numbers. Providing information for and coordinating with archaeologists, Native American tribes, and the State Historic Preservation Office (SHPO).

2001 Archaeological Technician.
USDA Forest Service, Lewis & Clark National Forest. Great Falls, Montana.

Conducted surveys and inventories of cultural resources in areas of proposed projects; using a compass, topographical map, and aerial photographs. Searched for surface evidence of historic and prehistoric archaeological remains; and recorded their location. Used shovel, trowel and screen to test for subsurface evidence of historic and prehistoric archaeological remains. Took pictures of artifacts and features. Typed up cultural resource inventories and cultural site records. Recorded site leads on topographical maps. Performed historic research. Conducted pre-field research of archaeological reports, maps, and aerial photos. Filed archaeological reports.

Other Qualifications:

Professional Organizations: Register of Professional Archaeologists.

Field Schools:

Historic Archaeology. Field school in Virginia City, Montana, during the summer of 2000, under the direction of Dr. John Douglas.

Prehistoric Archaeology. Field school at the Keatley Creek site in British Columbia, Canada, during the summer of 2002, under the direction of Dr. Bill Prentiss.

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UTAH FIELDWORK EXPERIENCE

2005 Crew Leader - Cultural Resource Inventory of The Central Utah Railroad Project in Sevier, Sanpete and Juab Counties, Utah. (8 weeks)

Crew Leader - Cultural Resource Inventory of Bill Barrett Corporation's Seismic Project Near Pine Ridge, San Juan County, Utah. (2 months)

Crew Leader - Cultural Resource Inventory of The Alton Coal Development in the Alton Amphitheater, Kane County, Utah. (1 ½ months)

Crew Leader - Cultural Resource Inventory of Newfield Exploration's Block Parcel in Township 9S, Range 16E, Sections 23 and 24, Duchesne County, Utah. (2 weeks)

Crew Leader - Cultural Resource Inventory of The State of Utah Division of Wildlife Resources Grey Wolf Parcels, Duchesne County, Utah. (3 days)

Crew Leader - Cultural Resource Inventory of The State of Utah Division of Wildlife Resources Sanford Sagegrouse 2 Project Parcels, Garfield County, Utah. (1 week)

Crew Leader - Cultural Resource Inventory of The Little Hole Hazardous Fuel Reduction Project Parcels, Daggett County, Utah. (2 weeks)

Crew Leader - UDOT US 491 Monticello to Colorado State Line, Data Recovery for Site 42Sa25619, San Juan County, Utah. (1 week)

Crew Leader - Cultural Resource Inventory of EOG Resources Inc.'s Two Proposed Wells: East Chapita #17-17 and East Chapita #18-17 in Township 9S, Range 23E, Section 17, Uintah County, Utah. (3 days)

Crew Leader - Cultural Resource Inventory of EOG Resources Inc.'s Two Proposed Wells: CWU #336-19 & CWU #548-19 in Township 9S, Range 23E, Sections 10,17, & 26 Uintah County, Utah. (2 days)

Crew Leader - Data Recovery for Sites 42Ws4113 and 42Ws4115 Washington County Utah. Utah Department of Transportation's State Route 18 RP 37.0 to RP 38.73 Maintenance Project. (2 weeks)

Crew Leader - Cultural Resource Inventory of Westport Oil and Gas Company's Six Proposed Well Locations near Sand Wash: NBU Wells 1021-13 A, C, G, I, K, and O in Township 10S, Range 21E, Sections 13, Uintah County, Utah. (2 days)

Crew Leader - Cultural Resource Monitoring of Star Valley's Proposed 12-Mile Pipeline Near Harley Dome in Grand County, Utah. (3 days).

Crew Leader - Cultural Resource Inventory of Medallion Exploration's Nine Well Locations in Evacuation Creek, Uintah County, Utah. (3 days).

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Crew Leader - Cultural Resource Inventory of GLNA LLC/Eclips Exploration's Proposed Federal Access Corridor, Grand County, Utah. (1 week).

Crew Member - Cultural Resource Inventory of the Colorado River Bridge Project for Michael Baker Jr., Inc., Grand County, Utah. (2 weeks).

2006 Crew Leader - Cultural Resource Monitoring of GLNA LLC/Eclips Exploration's Proposed Federal Access Corridor, Grand County, Utah. (1 week).

Crew Leader - Cultural Resource Inventory of Enduring Resources' Proposed Southam Canyon 10-24-11-16 Well Location in T10S R24E Section 16, Uintah County, Utah. (1 day)

Crew Leader - Cultural Resource Inventory of Enduring Resources' Proposed Southam Canyon 10-24-44-18 Well Location in T10S R24E Section 17, Uintah County, Utah. (1 day)

Crew Leader - Cultural Resource Inventory of Enduring Resources' Proposed Southam Canyon 10-24-31-7 Well Location in T10S R24E Section 6, Uintah County, Utah. (1 day)

Crew Leader - Cultural Resource Inventory of Enduring Resources' Two Proposed Southam Canyon Well Locations 11-24-11-10, and 11-24-22-10, in T11S R24E, Section 10, Uintah County, Utah. (2 days)

Crew Leader - Cultural Resource Inventory of EOG Resources, Inc.'s Three Proposed Chapita Well Locations CWU #1212-12, 1215-12, and 1216-11, in T9S R22E Sections 11 and 12, Uintah County, Utah. (2 days)

Crew Leader - Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed NBU #1022-17D Pipeline, Uintah County, Utah. (2 days)

Crew Leader - Cultural Resource Monitoring of GLNA LLC/Eclipse Exploration's Federal Access/ Pipeline Corridor, Grand County, Utah. (1 week)

Crew Leader - Cultural Resource Inventory of Utah Division of Wildlife Resources Midway State Fish Hatchery, Wasatch County, Utah. (1 day)

Crew Leader - Cultural and Fossil Resource Inventory of Utah Department of Transportation's SR-10 Muddy Creek Bridge to Ferron, Emery County, Utah. (2 weeks)

Crew Leader - Cultural Resource Inventory of of Questar's Southern System Expansion Project II in Carbon, Duchesne, and Uintah Counties, Utah. (2 days)

Crew Leader - Cultural Resource Inventory of Running Foxes Petroleum's Broadhead CDM Trespass, Grand County, Utah. (1 day)

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Crew Leader - Cultural Resource Inventory of Running Foxes Petroleum's Eight Proposed Cisco Gamma Well Locations, Grand County, Utah. (2 days)

Crew Leader - Cultural Resource Inventory of Veritas Geophysical Integrity's Hatch Point Seismic Staging Areas, San Juan County, Utah. (1 day)

Crew Leader - Cultural Resource Monitoring of Lisbon Valley Mine's Proposed Flying Diamond Drill Hole, San Juan County, Utah. (1 day)

SELECTED MOAC TECHNICAL REPORTS AND PUBLICATIONS

Jendresen, A. and K. Montgomery

2005 Cultural Resource Inventory of Newfield Exploration's Block Parcel in Township 9S, Range 16E, Sections 23 and 24, Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and A. Whitfield

2005 Cultural Resource Inventory of Utah Division of Wildlife Resources Sanford Sagegrouse 2 Project, Garfield County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and K. Montgomery

2005 Cultural Resource Inventory of EOG Resources Inc.'s Two Proposed Wells: East Chapita #17-17 and East Chapita #18-17 in Township 9S, Range 23E, Section 17, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and K. Montgomery

2005 Cultural Resource Inventory of EOG Resources Inc.'s Two Proposed Wells: CWU #336-19 & CWU #548-19 in Township 9S, Range 23E, Sections 10, 17, & 26 Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and K. Montgomery

2005 Cultural Resource Inventory of Westport Oil and Gas Company's Six Proposed Well Locations near Sand Wash: NBU Wells 1021-13 A, C, G, I, K, and O in Township 10S, Range 21E, Sections 13, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2005 Cultural Resource Monitoring of Star Valley's Proposed 12-Mile Pipeline Near Harley Dome in Grand County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2005 Cultural Resource Inventory of Medallion Exploration's Nine Well Locations in Evacuation Creek, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

INCORPORATED

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Jendresen, A.

2005 Cultural Resource Inventory of GLNA LLC/Eclipse Exploration's Proposed Federal Access Corridor, Grand County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2005 Cultural Resource Inventory of EOG Resources, Inc.'s Four Proposed Well Locations: North Chapita #233-33, #307-33, #310-33, and #312-33, in T8S R22E section 33, in Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Westport Oil & Gas Company's Proposed Well Locations: NBU 920-13E, 920-14K, L, M, N, 920-15B, C, 920-22A, and 920-24G, H, M, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Flying J Oil & Gas Inc.'s proposed well location, Ute 2-17A1E, and access route, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources' 18 Proposed Rainbow Well Locations with Access and Pipeline Corridors near Asphalt Wash, in T11S R24E, Sections 17 and 20, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and K. Lower-Eskelson

2006 Cultural Resource Inventory of Westport Oil & Gas Company's 14 Proposed Well Locations (NBU #920-27A, B, C, D, F, G, H, I & NBU #920-28A, B, G, H, J, O), Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Westport Oil and Gas Company's Proposed Well Locations: NBU#1022-16 (J, K, L, P), Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Questar Exploration's Three Proposed Well Locations: COY #13ML-24-8-24, COY #14ML-24-8-24, and WWT #15ML-24-8-24, in Coyote Basin, T8S R24E, Section 24, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Westport Oil and Gas Company's Bitter Creek Compressor Station, in T10S R22E Sec. 19, Uintah Co. Utah. Montgomery Archaeological Consultants, Moab, Utah.

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Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources Inc.'s Eight Proposed Well Locations (CWU 1140-18, 1147-18, 1149-18, 1131-19, 1132-19, 1133-19, 1134-19 and 1135-19), in T9S, R23E, Sections 18 and 19, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources Inc.'s Proposed Well Locations: Stagecoach #103-17, and Natural Cotton #80-19, in Township 9 South, Range 22 East, Sections 17 and 19, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of XTO Energy's Proposed Well Locations: #17-8-8-14, #17-8-17-32, #17-8-18-43, #17-8-18-31 and #17-8-18-23 in T17S R8E, Sections 8, 17 and 18, Emery County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and T.B. Seacat

2006 Cultural Resource Inventory of EOG Resources Inc.'s Proposed Well Locations: CWU #1144-18, #1146-18, #1137-19, #1139-19, #1150-19, #1130-20 and #1170-20, in T9S R23E, Sections 18, 19, and 20, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and A. Whitfield

2006 Cultural Resource Inventory of EOG Resources, Inc.'s Ten Proposed Chapita Well Locations in T9S R22E Sections 10 and 11, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Seven Proposed Well Locations: NBU #1021-3D, G, H, L, and #1021-4B, G, H, in T10S R21E Sections 3 and 4, and T9S R21E Sections 33 and 34, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources, Inc.'s Three Proposed Chapita Well Locations CWU #1212-12, 1215-12, and 1216-11, in T9S R22E Sections 11 and 12, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources' Proposed Southam Canyon 10-24-11-16 Well Location in T10S R24E Section 16, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources' Proposed Southam Canyon 10-24-44-18 Well Location in T10S R24E Section 17, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

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Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources' Proposed Southam Canyon 10-24-31-7 Well Location in T10S R24E Section 6, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed NBU #1022-17D Pipeline, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and P. Stavish

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed South Central Compressor to Sage Grouse Compressor Pipeline, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources' Two Proposed Southam Canyon Well Locations, 11-24-11-10, and 11-24-22-10, in T11S R24E Section 10, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Ten Proposed Bitter Creek Well Locations 1122-6 A, B, C, F, G, H, J, L, O, and P, in T11S R22E Section 6, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources, Inc.'s Seven Proposed North Chapita Well Locations, in T8S R22E, Section 34, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources Inc.'s Eleven Proposed Chapita Well Locations, in T9S R23E, Sections 21, 27, 28, and 34, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Monitoring of GLNA LLC/Eclipse Exploration's Federal Access/Pipeline Corridor, Grand County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Four Proposed Love Well Locations 1122-18 C, F, J, and K, in T11S R22E Section 18, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

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Jendresen, A.

2006 Cultural Resource Inventory of Utah Division of Wildlife Resources Midway State Fish Hatchery, Wasatch County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed Chapita Processing to Diablo Compressor Powerline , Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed Chapita Processing to Bonanza Power Plant, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Cisco Expro, LLC's Danish Flat 2D seismic prospect, in Grand County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources Inc.'s Proposed Big Spring Well Location #3-36GR, Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A. and A. Whitfield

2006 Big Pack Project Area EA, Uintah County, Utah, Sections 3.5 and 4.0., Prepared for the Bureau of Land Management, Vernal Field Office, under Contract with Buys and Associates, Inc. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural and Fossil Resource Inventory of Utah Department of Transportation's SR-10 Muddy Creek Bridge to Ferron, Emery County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's NBU #920-25C Micro-Seismic Project, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP'S Proposed Well Location NBU #922-31P-1, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

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Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources' Two Proposed Rainbow Well Locations #11-24-14-29, and 11-24-24-29, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources' Proposed Well Location Buck Camp Canyon 12-22-31-20, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed Bitter Creek #1122-4C Pipeline, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed NBU #1022-22D Pipeline, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed NBU #1022-28J Pipeline, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources, Inc.'s Proposed Southam Canyon 10-25-33-19 Well Location, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed NBU #921-25A Pipeline, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Enduring Resources' Proposed Well Location Archy Bench #11-23-43-31, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Questar E & P's Nine Proposed Well Locations in Wonsits Valley, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

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Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources, Inc.'s Eight Proposed HOSS Well Locations (T8S R22E S. 36 and T8S R23E S. 31), Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources Inc.'s Proposed Well Location CWU #1228-7, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Two Proposed Pipelines (NBU #922-34D-3, and NBU #922-34O-3), Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Two Proposed Pipelines (NBU #1022-3C-2, and NBU #1022-3M-4), Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of UTE/FNR LLC's Four Proposed Well Locations #14-12-56, #2-24-56, #9-24-56, and #10-24-56, Duchesne County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of EOG Resources, Inc.'s Proposed Well Location East Chapita #55-5, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Questar Exploration and Production Company's Proposed Water Well Location WF WTR #15-15-19, on Ute Tribal Lands, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Hill Creek Compressor Station, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Four Proposed Pipelines, NBU #1022-4D-1T, #1022-4E-1T, #1022-4I-4 and #1022-4J-4T, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

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Jendresen, A.

2006 Cultural Resource Inventory of McElvain Oil & Gas' Proposed Asphalt Wash 11-23-33-12 Well Location, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of McElvain Oil & Gas Properties, Inc.'s Two Proposed Well Locations, Rainbow 11-24-13-13 and 11-24-11-14, Uintah County, Utah . Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Veritas Geophysical Integrity's Hatch Point Seismic Staging Areas, San Juan County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Running Foxes Petroleum's Eight Proposed Cisco Gamma Well Locations, Grand County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Running Foxes Petroleum's Broadhead CDM Trespass, Grand County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

Jendresen, A.

2006 Cultural Resource Inventory of Questar Exploration and Production's Seven Proposed WRU Well Locations, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.

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Patricia M. Stavish
Curriculum Vitae 2006

EDUCATION:

- 2003-2005 Masters of Science in Anthropology with a focus in Archaeology, Dec. 2005
University of Wisconsin-Milwaukee, Milwaukee, Wis. Thesis: Women and Children
First: The Distribution of Grave Goods at the La Tene cemetery Munsingen-Rain.
- 1998-2002 Bachelor of Arts Degree with a major in Anthropology.
University of Minnesota-Twin Cities, Minneapolis, MN.

PROFESSIONAL ORGANIZATIONS:

Register of Professional Archaeologists (RPA)
American Anthropological Association

PROFESSIONAL EXPERIENCE:

- April-Sept 2005
Feb 2006 to Present Staff Archaeologist, Montgomery Archaeological Consultants, Moab, Utah.
Responsibilities include fieldwork (survey and mitigation); documentation of
cultural resources; site eligibility assessments; laboratory analysis of artifacts
technical and research design reports. Skilled in a number of software
packages including Microsoft Word, Excel, GPS Pathfinder and ArcView;
and is proficient with the use of GPS units and related software (e.g. Trimble
GeoExplorer II and III).
- 2004 Archaeological Crew Member, Bad Duernberge, Hallein, Austria.
Excavation of Iron Age settlement. Tasks included retrieval of artifacts and
identification of settlement features; use of total station and theodolite to
record artifacts and; laboratory analysis.
- 2002-2004 Archaeological Field Technician: Foth and Van Dyke, Eagan, MN. Phase
I, II and III archaeological survey and excavation in Minnesota and Iowa.
Operation of archaeological and survey equipment.
- 2000 Archaeological Assistant. Minnesota Historical Society, St. Paul, MN.
Excavation of the Mill City ruins (historical urban site). Collection and
documentation of archaeological data; creation of scaled drawings of historic
structures; operation of survey and GPS equipment.
- 2000 University of Minnesota-Twin Cities Field School. Excavation of historical
fur trading site in Mendota Minnesota. Skills acquired: survey methods, site
mapping, excavation of test units, mapping unit floors, profiles and features.

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Utah Fieldwork (Montgomery Archaeological Consultants)

- 2005 Archaeological Technician. Cultural Resource Inventory of Alton Coal Development, Kane County, Utah (2 months). Cultural Area: Anasazi
- 2005 Archaeological Technician. HDR Engineers Central Railroad Project, Sevier County, Utah (2 weeks). Cultural Area: Great Basin
- 2005 Archaeological Technician. Utah Department of Transportation's Data Recovery at Sites 42Sa25619, 42Sa25664, and 42Sa25664, San Juan County, Utah (1 month). Cultural Area: Anasazi
- 2005 Archaeological Technician. Cultural Resource Inventory of Bill Barrett Corporation's Seismic Project Near Pine Ridge, San Juan County, Utah. (1.5 months). Cultural Area: Anasazi
- 2005 Archaeological Technician. Cultural Resource Inventory for the Santa Clara River Bridge on Shivwits Tribal Land, Washington County, Utah (2 weeks). Cultural Area: Anasazi
- 2005 Archaeological Technician. Cultural Resource Inventory of 13 EOG Resources well locations, Uintah County, Utah (1 week). Cultural Area: Great Basin
- 2005 Archaeological Technician. Cultural Resource Inventory of 5 EOG Resources well locations, Uintah County, Utah (3 days). Cultural Area: Great Basin
- 2005 Archaeological Technician. Cultural Resource Inventory of Veritas Geophysical Integrity's Seep Ridge 3D seismic prospect, Uintah County, Utah (3 weeks). Cultural Area: Great Basin.
- 2006 Archaeological Technician. Cultural Resource Inventory of Consol Coal's Hidden Valley development parcels, Emery County, Utah (1 week). Cultural Area: Great Basin
- 2006 Archaeological Technician. Cultural Resource Inventory of Delta Petroleum's three well locations, Grand County, Utah (1 week). Cultural Area: Great Basin
- 2006 Archaeological Technician. Cultural Resource Inventory of Tidewater's four well locations, Grand County, Utah (1 week). Cultural Area: Great Basin
- 2006 Archaeological Technician. Cultural Resource Inventory of the Adam's mineral claims, Grand County, Utah (2 weeks). Cultural Area: Great Basin
- 2006 Archaeological Technician. Cultural Resource Inventory of Kerr-McKee's Ouray compressor to Bridge station pipeline, Uintah County, Utah (5 days). Cultural Area: Great Basin.
- 2006 Archaeological Technician. Cultural Resource Inventory of Kerr-McKee's proposed State 921-33M well location, Uintah County, Utah (4 days). Cultural Area: Great Basin.
- 2006 Archaeological Technician. Cultural Resource Inventory of Kerr-McKee's proposed State 921-33M well location, Uintah County, Utah (4 days). Cultural Area: Great Basin.
- 2006 Archaeological Technician. Cultural Resource Inventory of Kerr-McKee's proposed State 1021-36L well location, Uintah County, Utah (4 days). Cultural Area: Great Basin.

Utah Fieldwork (Montgomery Archaeological Consultants)

- 2006 Archaeological Technician. Cultural Resource Inventory of EOG Resources well Locations North Duck Creek 320-27, 321-27, 322-27, 323-27, 324-27, 318-33, 319-33 on Ute Tribal Lands, Uintah County, Utah (1 week). Cultural Area: Great Basin
- 2006 Archaeological Technician. Cultural Resource Inventory of Kerr-McKee NBU 1021-10P well location, Uintah County, Utah (5 days). Cultural Area: Great Basin
- 2006 Archaeological Technician. Cultural Resource Inventory of Kerr-McKee NBU 1021-7B well location, Uintah County, Utah (5 days). Cultural Area: Great Basin
- 2006 Archaeological Technician. Cultural Resource Inventory of Enduring Resources'10 Southam Canyon well locations, Uintah Co., Utah (1 week). Cultural Area: Great Basin
- 2006 Archaeological Technician. Cultural Resource Inventory of Questar E & P 13 well locations in the Wonsits Valley on Ute Tribal Lands, Uintah Co. Utah (1 week). Cultural Area: Great Basin

LABORATORY WORK

- 2004 Lab Volunteer. Old World section in the Archaeology laboratory at the University of Wisconsin-Milwaukee. Digitizing field drawing from excavations in Germany.
- 2002-
2003 Archaeological Lab Technician. Forth and Van Dyke, Eagan MN. Washed and cataloged artifacts, including both prehistoric and historical remains from surveys and excavations.

TEACHING EXPERIENCE

- Fall 2005 Teaching Assistant. Introduction of Anthropological Statistics, University of Wisconsin-Milwaukee.
- Spring 2005 Teaching Assistant. Introduction of Cultural Anthropology, University of Wisconsin-Milwaukee.

RESEARCH EXPERIENCE

- 2004 Part of a graduate student team involved in digitizing excavation drawings from the UWM "Landscape of Ancestors" project in Germany (<http://www.uwm.edu/~barnold/arch/>). Mortuary contexts, including burials, from two early Iron Age mounds digitized using Canvas software.
- 2002 Research assistant to Professor Greg Laden, Dept. Of Anthropology; University of Minnesota-Twin Cities, Minneapolis, MN. Library research on various topics of Biological Anthropology and Archaeology.
- 2001-
2002 Research Assistant to Professor Robert Blanchette, Department of Plant Pathology; University of Minnesota-Twin Cities, Minneapolis, MN. Identification of archaeological wood samples using light microscope and digital imaging equipment.

PRESENTATIONS

December
2005

American Anthropological Association: 104th Annual Meeting, Washington, DC. Session: Materialization of Social Identity. Presentation of paper "Women and Children First: An Analysis of Grave Goods and Gender in the Iron Age Cemetery at Munsingen-Rain."

November
2004

Chacmool Gender Conference: Qu(e)rring Archaeology, Calgary, Alberta, Canada Session: Expressions of Gender Identity in Mortuary Context. Presentation of paper "Women and Children First: The Distribution of Grave Goods at the La Tene cemetery Munsingen-Rain."

TECHNICAL PUBLICATIONS (Montgomery Archaeological Consultants)

Stavish, P. and K. Montgomery

2005 Cultural Resource Inventory of EOG Resources' Proposed 3 CWU Wells: #684-1, #677-6, and #680-6 in Uintah County, Utah. Project No. U-05-MQ-0783b.

Cultural Resource Inventory of EOG Resources' Proposed 4 CWU Wells: #1039-18, #1034-19, #1035-19 and #692-20 in Uintah County, Utah. Project No. U-05-MQ-0780b.

Cultural Resource Inventory of EOG Resources' Proposed 5 Chapita Wells Units in Sections 29 and 30 of Township 9 South, Range 23 East in Uintah County, Utah. Project No. U-05-MQ-0781b.

Cultural Resource Inventory of EOG Resources' Proposed 4 CWU Wells: #1039-18, #1034-19, #1035-19 and #692-20 in Uintah County, Utah. Project No. U-05-MQ-0780b.

Cultural Resource Inventory of EOG Resources' Proposed 2 East Chapita Wells Units in Section 5 of Township 9 South, Range 23 East in Uintah County, Utah. Project No. U-05-MQ-0779b.

Cultural Resource Inventory of EOG Resources, Inc.'s Proposed Chapita Wells Unit #1065-3 (Previous #597-3), #1066-3 (Previous #543-3), and #1067-3 (Previous #542-3) in Uintah County, Utah. Project No. U-05-MQ-0778b.

Cultural Resource Inventory of EOG Resources, Inc.'s Proposed Chapita Wells Unit #1041-22 (Previous #237-22) and #1042-28 (Previous #401-28F) in Uintah County, Utah. Project No. U-05-MQ-0777b.

Cultural Resource Inventory of EOG Resources, Inc.'s Proposed Chapita Wells Unit #1036-13 (Previous #236-13), #1037-13 (Previous #338-13), and #1038-24 (Previous #328-24F) in Uintah County, Utah. Project No. U-05-MQ-0776b.

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Stavish, P. and K. Montgomery

2005 Cultural Resource Inventory of Westport Oil & Gas NBU #922-34 D, K, M and O Well Locations, Uintah County, Utah. Project No. U-05-MQ-0782b.

Cultural Resource Inventory of EOG Resources, Inc.'s 13 Proposed Well Locations: North Chapita #225-33, #284-6, #287-5, Stagecoach #97-8, #98-8, #99-8, #100-8, #106-8, #107-8, #108-8, CWU #982-9, #983-9, #985-9 in Uintah County, Utah. Project No. U-05-MQ-0795i.

Cultural Resource Monitoring of Westport Resources Pipeline Corridor, Carbon County, Utah. Montgomery Archaeological Consultants, Moab, Utah. BLM, Vernal Field Office. Permit No. U-05-MQ-0411b Part 2 of 2.

Cultural Resource Inventory of Portions of the Grey Wolf Parcel for the State of Utah, Division of Wildlife Resources, Duchesne County, Utah. Project No. U-05-MQ-0802s.

Cultural Resource Inventory of EOG Resources, Inc.'s Proposed Stagecoach Wells #109-7, #104-17, #80-20 and CWU #1016-16, Uintah County, Utah. Project No. U-05-MQ-0786i.

Stavish, P.

2006 Cultural Resource Inventory of Newfield Exploration's 40 Acre Parcel in Township 9S, Range 16E, Section 15, Duchesne, Utah. Project No. U-06-MQ-0349b,s.

Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP'S Proposed Ouray Compressor to Bridge Station Pipeline and Power Line in Uintah County, Utah. Project No. U-06-MQ-0348i.

Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed State #921-33M Well Location, Uintah County, Utah. Project No. U-06-MQ-488s.

Cultural Resource Inventory of Kerr-McGee Oil & Gas Onshore LP's Proposed Well Locations State #1021-36L and #1021-36M Uintah County, Utah. Project No. Project No. U-06-MQ-0325b,s.

Cultural Resource Inventory of EOG Resources Inc.'s Proposed Well Locations North Duck Creek 320-27, 321-27, 322-27, 323-27, 324-27, 318-33, 319-33 on Ute Tribal Lands, Uintah County, Utah. Project No. U-06-MQ-0324i.

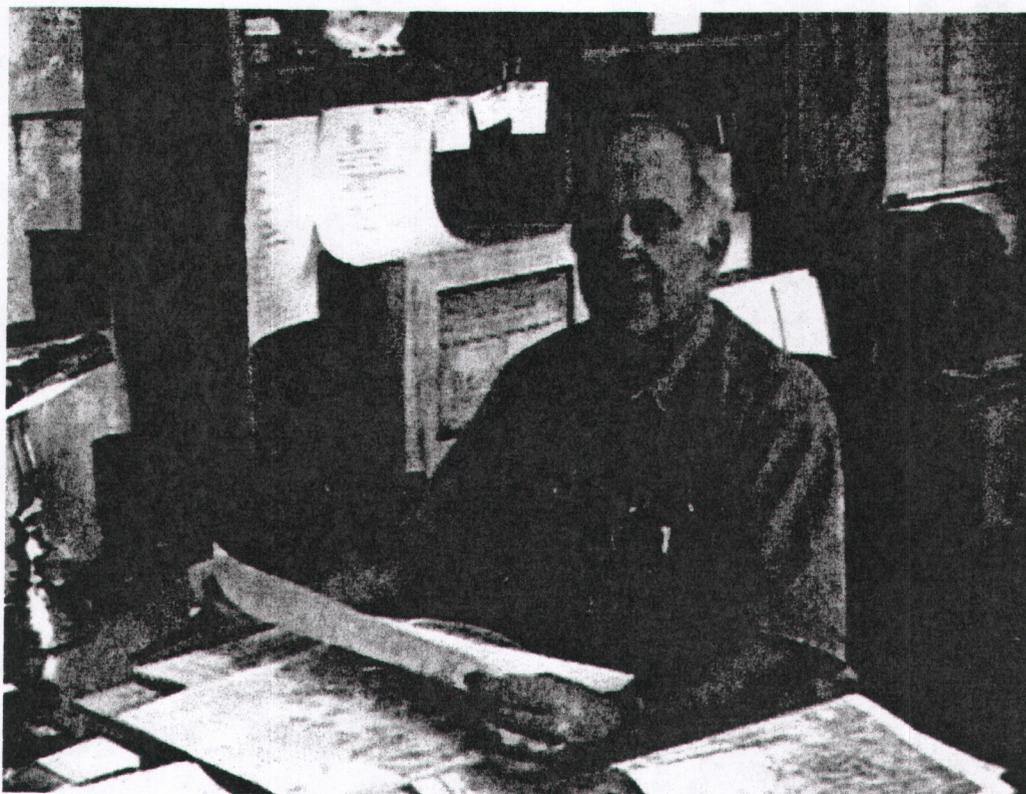
Cultural Resource Inventory of the Delta Petroleum Corporation Energy's Proposed Greentown Federal #33-12 and #35-12 Well Locations, Grand County, Utah. Project No. U-06-MQ-0288b.

Cultural Resource Inventory of Alton Coal Development's Sink Valley-Alton Amphitheater Project Area, Kane County, Utah. Project No. U-05-MQ-0346b,p.

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EIS ENVIRONMENTAL & ENGINEERING CONSULTING STAFF

**J. T. "Tom" Paluso, P.E.
Civil and Environmental Engineer**

Mr. Paluso has over 32 years experience in mining, the oil and gas industry, and governmental service, with more than 26 years dedicated to coal mining. Upon graduation, he worked for Schlumberger Offshore Services in Alaska and California where he supervised a geologic exploration crew searching for oil and gas on Alaska's North Slope and offshore drilling platforms in Cook Inlet. For several years he worked with the U. S. Forest Service in Alaska, California and Utah, concentrating on engineering and environmental projects. During his coal career, he worked in a variety of different positions in both union and non-union mining operations. These included: longwall and development section face boss, preparation plant engineer, coal laboratory manager, project engineer and chief mining engineer.

Mr. Paluso has worked for some the most innovative and aggressive coal mines in the West, such as, Kaiser Steel Corporation, which introduced longwall mining to Utah and the West, and also pioneered many experimental mining methods over the years. He worked at Skyline Mines, once the largest underground coal mine west of the Mississippi, with an annual production of 5 million tons. A wide diversity of projects were completed during his 26 years in the coal mining industry. His major areas of concern were engineering and construction. Following are a few of his major endeavors during this period: developed complete plans for a new mine; designed coal handling facilities; supervised preparation plant engineering and operation; managed coal laboratory operations; coordinated methane

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drainage systems; designed and supervised the construction of rock slopes and shaft development; designed and operated underground slurry systems. Tom did extensive work on mine permitting, ventilation systems, pneumatic rock dust systems, mine de-watering and supply systems, and reserve exploration.

Mr. Paluso received his B. S. in Civil Engineering and a M. S. in Environmental Engineering from Utah State University. He is a Registered Professional Engineer and is also a certified Fireboss and Mine Foreman in Utah. Presently he is a member of the Society for Mining, Metallurgy and Exploration and the American Society of Civil Engineers.

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RECENT WORK PROJECTS

Tom Paluso

EIS PROJECTS

1. Bridge Design & Installation
2. Road Design and Upgrading
3. Pipeline Relocation Permitting
4. Stream Alteration Permits
5. Flood Evaluation
6. Air Quality Permitting
7. Surface and Ground Water Appropriation
8. Culvert Sizing
9. Petroleum Storage Tank Emissions
10. Evaporation Pond Evaluation

LILA CANYON PROJECTS

1. Mine Permitting
2. Sediment Pond Design
3. Sediment Movement Calculations
4. Reclamation Cost Evaluation
5. Hydrology Calculations

ARCH COAL & KAISER STEEL PROJECTS

1. Sediment pond and Dam inspection
2. Slope Stability Analysis
3. Geologic Formation Drilling (Reserve Evaluation)

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