

**SEISMIC ASSISTANTS, LTD'S. CULTURAL RESOURCE SURVEY IN
THE
BIG SANDY CREEK CORRIDOR UNIT, TURKEY CREEK CORRIDOR UNIT,
AND VILLAGE CREEK CORRIDOR UNIT OF THE BIG THICKET NATIONAL
PRESERVE
IN HARDIN AND TYLER COUNTIES, TEXAS**

RESEARCH DESIGN

Survey Methods Within the Preserve

Dixie Environmental Services, Co., (DESCO) will conduct an archeological survey of the Seismic Assistant's Ltd.'s 3-D project area within the Big Sandy Creek Corridor Unit, Turkey Creek Unit, and Village Creek Corridor Unit of the Big Thicket National Preserve in Hardin and Tyler counties, Texas. DESCO has contracted with Brazos Valley Research Associates (BVRA) to direct the study, which will identify all prehistoric and historic archeological sites in the Area of Potential Effect (APE) for avoidance during the drilling operations. This work will be performed under a Federal Archeological Resource Protection Act (ARPA) permit, and all conditions of that permit will be met. The survey methods described here are based on previous archeological surveys and results within the Preserve and will incorporate shovel testing along the source lines as specified below. Receiver lines will not be surveyed, as no adverse impacts to archeological sites are anticipated in these areas.

Following establishment of the 3-D seismic corridors and locations of proposed shot holes, the field crews will conduct a 100% pedestrian survey covering 15 meters (50 feet) on either side of each access route centerline (total survey width will be 30 meters [100 feet]). Archaeologists will visually inspect all eroded and disturbed areas for surface artifacts associated with archeological sites and/or features.

At or near each proposed shot hole location, field crews will excavate one shovel test to determine if buried cultural materials exist in the APE. Where cultural materials are recovered at these proposed shot hole locations, crews will delineate the site boundaries by excavating additional shovel tests in all four cardinal directions and/or along landforms at 10-meter (30-foot) intervals. A site boundary will be determined when two consecutive, negative shovel tests are excavated in each of the four directions. Archeological site boundaries will be marked so these areas can be avoided during later drilling operations and the source point will be relocated at least 15 meters (50 feet) beyond the site boundaries. A shovel test will be excavated at the relocated shot hole location and, if necessary, the same process as above will be repeated.

Because all archeological sites need to be avoided during this operation, archeological crews will also excavate a minimum of three shovel tests at areas of high archeological site probability along the seismic corridor. Such high probability areas include: (1) elevated ridge tops; (2) flat benches overlooking the lower upland flats; (3) all sand mounds (pimple mounds), especially those of three or more feet of relief within areas of seasonal inundation; (4) all high sandy ground adjacent to major drainage flood zones; and (5) slopes and ridges in close proximity (100 meters [300 feet]) to permanent water sources. It has been found that such micro-topographical features often cannot be determined from aerial photography or USGS 7.5' topographical maps. Therefore, these areas must be determined in the field during the pedestrian survey. Where archeological sites are located in these high probability areas, the same method of determining and marking their boundaries will be employed so these locations can be avoided during drilling activities and aid in determining avoidance of impacts to both archeological sites and wetlands when such situations arise.

Holocene deposits will be shovel tested by hand in 10-centimeter levels to a depth of one meter or until Pleistocene clay or standing water is reached. The presence of Pleistocene clay or standing water will be a reason to terminate a shovel test. The excavated soil will be passed through quarter-inch hardware cloth. If the soil is clayey, screening may not be possible and, when this occurs, the soil will be broken apart and inspected by hand. All shovel tests will be backfilled to original ground level following excavation. Shovel tests will not be excavated on slopes greater than 20 percent or in areas of obvious disturbance.

BVRA shovel test forms will be completed for each test and will include the following information: (1) grid coordinates of test, (2) depth of test, (3) depth of cultural materials, (4) kinds of artifacts recovered, and (5) type of soil present. Munsell readings will be taken where appropriate. All artifacts found in shovel tests and diagnostic artifacts observed on the surface or in a disturbed context, will be collected for analysis in the laboratory. An accession number assigned by the National Park Service (NPS) will be obtained from the park, and a general inventory of artifacts will be provided to the NPS prior to departure from the field at the conclusion of the field survey. Once inventoried, no artifacts will be discarded, and all specimens will be cataloged per the conditions of the ARPA permit. Other notable specimens encountered will be described in the field notes and left in place.

When an archeological site is found and its boundaries determined, it will be assigned a field number. All sites will be documented through field notes, shovel test log, sketch map, and digital photography. The location of the approximate center of each site, along with the location of any isolated diagnostic surface artifacts within the 3-D seismic corridor, will be acquired using a hand-held GPS unit (using the NPS required NAD 83 datum), and the location of each site will be plotted on the appropriate USGS 7.5' topographic quadrangle.

Completed forms for each site will be submitted to the Texas Archaeological Research Laboratory (TARL) on the campus of The University of Texas at Austin where, after receiving the necessary documentation, state trinomial site numbers will be assigned. All sites will be referred to by their trinomial number in the final report.

Previously recorded sites in the project area may be visited. When this occurs, a site revisit form and a GPS location will be submitted to the NPS and (TARL).

At least one archaeologist will remain on stand-by during drilling operations in order to clear access routes or source point locations if new areas are selected for drilling.

Laboratory Analyses and Database Entries

Standard procedures for analyzing artifacts will be followed. All artifacts will be examined by a professional with an expertise in lithic and/or ceramic technology.

Per the ARPA permit conditions, all artifacts recovered will be cataloged in the NPS service wide curatorial database (ANCS+) and all archeological sites will be entered into the NPS service wide archeological database (ASMIS). The NPS will provide the necessary software and/or access to these databases.

Report Preparation and Submission

Following completion of all fieldwork, including any re-routing done in conjunction with drilling operations, three copies of the draft report will be submitted to the NPS for review; one will be submitted to the Big Thicket National Preserve, one will be submitted to the regional office Archeology Program, and one will be submitted to the Texas Historical Commission (THC). Following review by these agencies, all comments will be addressed in the final report, and the requisite number of final report copies will be delivered to all concerned parties.

The Principal Investigator will be the first author of the report and will be responsible for preparing a report that will satisfy the NPS and the THC.

Curation

All artifacts and records generated by this project will be submitted to TARL for permanent curation.

Principals

William E. Moore of BVRA will be the Principal Investigator for this project, and Edward P. Baxter will be the Archaeological Field Manager. Vitae of each are on file at the National Park Service, Santa Fe office under ARPA permit 06BITH1 for the Lance Rosier Unit.

SUMMARY OF ORGANIZATIONAL CAPABILITIES

Brazos Valley Research Associates (BVRA) began when William E. Moore terminated his employment with the Archeological Research Laboratory at Texas A&M University in 1987. Although Mr. Moore is the owner and sole full-time employee at BVRA, he has a network of highly regarded professionals from various disciplines from which he can choose for different projects as needed. These professionals include specialists in geoarchaeology, ceramic and lithic technology, environmental assessments, and a historian who has a strong research background.

William E. Moore graduated from Texas A&M University with a Masters degree in Anthropology in 1980 and has more than 20 years experience in contract archaeology. This figure is somewhat misleading since he has been involved in Texas archaeology as an amateur archaeologist for many years prior to entering graduate school in 1978.

Mr. Moore has a strong interest in research and, as a result, has been involved in several efforts that have been beneficial in terms of staying current with state and federal projects, past and present. These projects are the compilation of bibliographies of Southeast Texas and Central Texas published by the Office of the State Archeologist and an Abstracts in Texas Contract Archeology series published by the Department of Antiquities Protection (now Archeology Division, Texas Historical Commission). As a serious bibliographer, his once small collection of archaeological reports has evolved into a rather extensive collection of materials representing all areas of Texas as well as other states. Many of the volumes in this collection are rare and out of print.

BVRA has an excellent working relationship with the Archeology Division, Texas Historical Commission and the Office of the State Archeologist. To date, not one report prepared by BVRA has been rejected or submitted late. In fact, BVRA has been commended for being thorough and adhering to strict ethical standards.

BVRA has worked on a variety of project types and is very familiar with the procedures necessary to obtain an Antiquities Permit and all phases of a project from background research to report preparation and artifact curation. William E. Moore has archaeological experience in 77 Texas counties and 7 states. BVRA has submitted over 165 contract reports that have been accepted by the Texas Historical Commission. Work conducted to date includes Phase I (survey) and Phase II (testing) projects.

BVRA is a small firm with low overhead and is sensitive to the financial needs of clients. As a result, BVRA is often very competitive in terms of price. Usually, work can begin immediately, and projects are routinely completed in a timely manner.

ORGANIZATIONAL HISTORY

Brazos Valley Research Associates (BVRA) has a 19 year history of conducting various archaeological projects ranging from Phase I survey to Phase II testing and limited Phase III mitigation as well as avoidance plans for 3-D seismic surveys. In addition to field projects, BVRA has performed a number of research projects that have resulted in the publication of bibliographies and other forms of archaeological documentation such as the Abstracts in Texas Contract Archeology series published by the Texas Historical Commission.

Most of the work carried out by BVRA falls under the review of the Texas Historical Commission, Archeology Division. In these cases, William E. Moore has been the Principal Investigator and the appropriate permits have been issued to his firm in his name. Over 100 antiquities permits have been successfully completed by BVRA. In addition, Mr. Moore has served as the Principal Investigator for other archaeologists not qualified to obtain an antiquities permit. BVRA has examined small tracts of only a few acres to larger jobs of several hundred acres as well as pipelines of various lengths.

One of the more notable Federal projects performed by Mr. Moore is a literature review of the Pearl River in Mississippi from Jackson to its mouth in the Gulf. Mr. Moore spent eight months collecting data in order to prepare a two-volume report documenting the kinds of prehistoric and historic sites present along the river as well as writing a review of past archaeological work in the area and an overview of the culture history from Paleo-Indian to Modern times. This project was supervised by the United States Corps of Engineers, Mobile District in Alabama. It was completed in 1982.

Recently, BVRA has been involved in a large 3-D seismic project in the Bienville National Forest in Smith County, Mississippi. An ARPA permit was issued to BVRA, and this project is still in progress. Approximately 50 prehistoric and historic sites were recorded in the 178,000-acre project area. This project is being supervised by the United States Forest Service, Bienville Ranger District in Forest, Mississippi and the State Historic Preservation Officer in Jackson, Mississippi. In addition to survey and visitation of previously recorded sites, monitoring of drilling operations is being conducted to ensure the avoidance of significant cultural resources.

BVRA has also recently participated in avoidance plans for seismic survey operations along the Gulf Coast of Texas. Mr. Moore identified the location of all previously recorded archaeological sites and identified past investigations in order to submit a report (with detailed map) identifying high probability areas for avoidance. These projects are currently in review by the United States Corps of Engineers, Galveston District and the Texas Historical Commission, Archeology Division.

REQUEST FOR HOUSING/PROVISIONAL HOUSING AGREEMENT

April 24, 2006

Date

RECEIVED

APR 25 2006

Records and Collections Curation
Texas Archeological Research Laboratory
The University of Texas at Austin
J. J. Pickle Research Campus, Building 5
1 University Station R7500
Austin, Texas 78712-0714

TEXAS ARCHEOLOGICAL/
RESEARCH LABORATORY

Permanent housing and curation is requested at Texas Archeological Research Laboratory for:

Project # & name Kerr-McGee's Kountze 3-D Project

BVRA 06-09

PI William E. Moore

Agency(ies) & permit #(s) ARPA

Permit expiration _____

Project sponsor DESCO

Project area/county(ies)/site #(s) HARDIN COUNTY

Nature of investigation SEISMIC SURVEY

Dates of investigation MAY 2006 - OCTOBER 2006

Projected date for curation AUGUST 2006

Estimated space needs: Records 1/2 drawer Collections 1/2 drawer

I, the Principal Investigator for this project, acknowledge the requirement that all project records, including the original field records, be on archival materials.

W.E. Moore

Signature of Principal Investigator

William E. Moore

Print or type name

OWNER

Title

BVRA

Company

813 BECK Street

Address

Bryan, TEXAS 77803

City/State/Zip

Records file drawer (standard letter size) 27-x-11-x-10.5-inches

Collections drawer 28.5-x-25-x-3.5-inches • Collections box (3 collection boxes/shelf) 18-x-11-x-6-inches

~~\$1260.00~~
\$1320.00

TARL's current cost per drawer/shelf is ~~\$1260.00~~. This price is in effect from the date this request is approved by appropriate TARL personnel until the first day of the next fiscal year (Sept. 1st). If this project's materials are submitted for curation after this date, the fee in effect at the time of delivery will be charged.

TARL curation staff are to be contacted two weeks prior to bringing or sending materials to the repository. Final acceptance of the materials for housing is contingent upon full compliance with TARL's procedural guidelines for curation. For assistance in determining space/cost needs, archival suppliers, or procedures, please call 512-471-6006 (Records) or 512-471-6007 (Collections).

☒ Provisional housing approved

Rosario Casarez

Signature

☐ Provisional housing denied

Rosario Casarez, Registrar

Print or type name and title

4/25/2006

Date

BRAZOS VALLEY RESEARCH ASSOCIATES

**813 Beck Street
Bryan, Texas 77803
(979) 823-1148
bvracrm@cox-internet.com**

WILLIAM EDWARD MOORE

Personal Information

Date of Birth: November 26, 1943

Military Service: United States Army Security Agency
(Honorable Discharge, June 24, 1974)

Education

M.A. Anthropology, 1980
Texas A&M University
College Station, Texas

Diploma (German), 1973
United States Army Defense Language Institute
Monterrey, California

M.A. English, 1968
Sam Houston State University
Huntsville, Texas

B.S. Geography, 1967
Sam Houston State University
Huntsville, Texas

Professional Memberships

The Register of Professional Archaeologists (RPA)
Council of Texas Archeologists (CTA)
Friends of Northeast Texas Archeology
Houston Archeological Society (HAS)
Southern Texas Archaeological Association (STAA)
Texas Archeological Society (TAS)

Committees

Archives Committee, Council of Texas Archeologists

CTA Contractors List Committee, Council of Texas Archeologists

Honors and Awards

\$400 grant from the Texas Archeological Society Donor's Fund for testing and documenting site 41WA100 in Walker County, Texas.

Editor of the Newsletter of the Council of Texas Archeologists

Board Member, The Museum of Archaeology and Material Culture in Cedar Crest, New Mexico

Invited Talks

Recognizing and Recording Cultural Resources in the Texas State Forests. Talk given to the Texas Society of American Foresters in Huntsville, Texas (December 1993).

Archaeology and Your Historical Society. Talk given to the Lee County Historical Commission and Lee County Heritage Society, Lexington, Texas (April 30, 1992). Paper on file at the Texas Archeological Research Laboratory, Austin, Texas.

The Archaeology of the Big Thicket. Talk given to the Big Thicket Museum, Saratoga, Texas (1982).

The Archaeology of Southeast Texas. Talk given to a graduate seminar in Anthropology at Sam Houston State University, Huntsville, Texas (October 1978).

Permanent Employment

1987 to Present: Principal, Brazos Valley Research Associates (BVRA)

1983 to 1986: Staff member for the Archeological Research Laboratory, Texas A&M University. Duties included report preparation, editing, archaeological survey, and site monitoring.

1981 to 1983: Staff member for Heartfield, Price & Greene, Inc. Duties included archival research, report preparation, and archaeological survey.

Recent Professional Experience: Projects Approved by the Texas Historical Commission, Corps of Engineers, and other agencies.

2006

Archaeological survey for 3-D seismic project in the Bienville National Forest, Smith County, Mississippi. BVRA served as a subcontractor to DESCO and was the recipient of the ARPA permit.

Archaeological survey for the Chatfield Water Supply Corporation (WSC) improvements project in Navarro County, Texas. BVRA was retained by the Chatfield WSC to examine five areas pre-selected by the Texas Historical Commission.

Avoidance plan for the Smith Point 3-D seismic survey in Chambers County, Texas. BVRA served as a subcontractor to DESCO.

Avoidance plan for the High Island 3-d seismic survey in Chambers, Galveston, and Jefferson counties, Texas. BVRA served as a subcontractor to DESCO.

Archaeological evaluation of historic site 41BX784 in Bexar County, Texas. BVRA was retained by Rosillo Creek Development, Ltd. of Laredo, Texas to assess a previously recorded historic homestead prior to construction of a subdivision.

Archaeological survey of two proposed well sites in Tom Green County, Texas. BVRA was retained by the Tom Green County Fresh Water District. (In Progress)

Archaeological survey of four miles of proposed pipeline for Duke Vintex Schendel in Goliad County, Texas. BVRA served as a subcontractor to CSC Engineering and Environmental in Bryan, Texas.

Miscellaneous Publications and Journal Articles

2005 Archeological Survey at Musk Hog Canyon in Crockett County, Texas: The 1976 Texas Archeological Field School. Bulletin of the Texas Archeological Society 75:1-60.

2002 Gary/Kent Points in Walker County, Texas. Journal of the Houston Archeological Society 124:10-11.

2001 An Angostura Point from Walker County, Texas. Journal of the Houston Archeological Society 127:6.

1997 *Archeological Bibliography for the Central Region of Texas*. Office of the State Archeologist, Special Report 36, Texas Historical Commission.

- 1994 *Abstracts in Texas Contract Archeology 1992*. Department of Antiquities Protection, Abstracts in Texas Contract Archeology 6. Texas Historical Commission.
- 1993 *Abstracts in Texas Contract Archeology 1989*. Department of Antiquities Protection, Abstracts in Texas Contract Archeology 5. Texas Historical Commission.
- 1993 *The Technical Bulletin Series published by the Texas Archeological Research Laboratory 1971-1987: A Bibliography*. Texas Archeological Research Laboratory, Technical Series 34. The University of Texas at Austin.
- 1992 *Abstracts in Texas Contract Archeology 1990*. Department of Archeological Planning and Review, Abstracts in Texas Contract Archeology 3. Texas Historical Commission.

Abstracts in Texas Contract Archeology 1991. Department of Antiquities Protection, Abstracts in Texas Contract Archeology 4. Texas Historical Commission.

- 1991 *Abstracts in Texas Contract Archeology 1987*. Department of Archeological Planning and Review, Abstracts in Texas Contract Archeology 2. Texas Historical Commission.

A Petroglyph Site in Somervell County, Texas. *Texas Archeology* 35(4):5-6.

A Probable Aboriginal Gunflint from Site 41LK293 in Live Oak County, Texas. *La Tierra* 18(2):38-39.

- 1990 The Derrick Adams Site (41WA100), A Late Prehistoric Site in Walker County, Texas. *Journal of the Houston Archeological Society* 96:11-14.

- 1990 A Paleo-Indian Point from the Derrick Adams Site (41WA100) in Walker County, Texas. *Journal of the Houston Archeological Society* 95:16-17.

Archeological Testing at the Derrick Adams Site (41WA100), A Late Prehistoric Site in Walker County, Texas. BVRA, Contributions in Archaeology, Number 1.

Abstracts in Texas Contract Archeology 1988. Department of Archeological Planning and Review, Abstracts in Texas Contract Archeology 1. Texas Historical Commission.

- 1989 *Archeological Bibliography for the Southeastern Region of Texas*. Office of the State Archeologist, Special Report 31, Texas Historical Commission.
- An Andice Point from the Fietsam Site (41 FY 52), Fayette County, Texas. *La Tierra* 16(4):8-9.
- Archeological Bibliography for the Southeastern Region of Texas*. Office of the State Archeologist, Special Report 31, Texas Historical Commission.
- 1988 Additional Artifacts from the Strawberry Hill Site (41SJ160) in San Jacinto County, Texas. *Journal of the Houston Archeological Society* 91:11-15. (with John E. Dockall)
- Recollections of a Defunct Archaeological Society. *Journal of the Houston Archeological Society* 90:14-17.
- Analysis of Surface-Collected Materials from 41GL19, a Late Prehistoric Site in Gillespie County, Texas. *La Tierra* 15(2):21-26.
- Prehistory of the Pearl River, Louisiana and Mississippi: Report on a Literature Search. *Louisiana Archaeology* 11:191-227.
- Texas License Plates and Their Owners: Why They Can't Be Identified. *Texas Archeology* 32(1):11.
- 1987 *A Bibliography of Archaeological Reports Prepared by the Contract Laboratory, Texas A&M University*. BVRA, Bibliographies in Archaeology, Number 1.
- Texas. In Current Research, *American Antiquity* 52(3):637.
- 1986 Historical Archaeology in Texas: A Bibliography. Center for Archaeological Research, The University of Texas at San Antonio, Guidebooks in Archaeology, Number 2. (with Roger G. Moore)
- 1986 A Holly Fine Engraved Sherd from the Reese Site (41WA55), Walker County, Texas. *Journal of the Houston Archeological Society* 85:19-21.
- An Annotated Index to the First Ten Volumes of the Bulletin of the Central Texas Archeological Society. *Bulletin of the Texas Archeological Society* 55:189-212. (with Michael R. Bradle)
- Historical Archaeology in Texas: A Bibliography*. Center for Archaeological Research, The University of Texas at San Antonio, Guidebooks in Archaeology, Number 2. (with Roger G. Moore)

- 1985 Louisiana Archaeology: An Index to the First Ten Years. *Louisiana Archaeology* 10:337-366. (Published for 1983)
- Additional Artifacts from Site 41GL12 in Gillespie County, Texas. *La Tierra* 12(2):32-34.
- Analysis of Artifacts from a Rangia Cunneta Shell Midden (41HR133) on Peggy Lake, Harris County, Texas. *Journal of the Houston Archeological Society* 81:27-34.
- 1984 *An Annotated Index of La Tierra (1974-1983)*. Southern Texas Archaeological Association, Special Publication Number 3. (with Jim Mitchell, senior author)
- 1983 Transcription and index of Moreau B. Chambers' field notes for the 1932-1935 field seasons taken during his survey of the State of Mississippi while employed by the Mississippi Department of Archives and History. Manuscript on file at the Mississippi Department of Archives and History, Jackson.
- Report of Testing at the Wells Rockshelter (41RE53): A Middle Archaic Site in Real County, Texas. *La Tierra* 9(3):26-30.
- A San Patrice Point from the Gourd Creek Site (41WA83), Walker County, Texas. *Texas Archeology* 27(1):4-6.
- Surface-Collected Artifacts from Site 41GL12, An Archaic Site in Gillespie County, Texas. *La Tierra* 10(2):14-22.
- Archeological Investigations at Musk Hog Canyon, Crockett County, Texas: A Report of the 1976 Texas Archeological Society Field School. *Bulletin of the Texas Archeological Society* 53:13-81.
- 1982 An Annotated Bibliography of Texas Related Articles in the Plains Anthropologist (1947-1981). *La Tierra* 9(1):24-38. (with Roger G. Moore)
- 1977 *Bastrop County: 1691-1900*. Nortex Press. Wichita Falls, Texas.
- 1976 *Early Homes of Huntsville*. Tejas Publishing Company. Houston and Huntsville.
- 1975 *A Guide to Texas Counties*. Tejas Publishing Company. Houston and Huntsville.

EDWARD P. BAXTER

ARCHAEOLOGICAL CONSULTANT

**POST OFFICE BOX 1857
COLLEGE STATION, TEXAS 77841
(979) 255-4897
e.p.baxter@att.net**

Personal Information

Date of Birth: January 15, 1948

Education

B.A. (Anthropology), 1971
University of Arkansas
Fayetteville, Arkansas

MSHA Hazard Recognition

National Association of Underwater Instructors
SCUBA Diver Registration No. 75043

Professional Memberships

Society for Historical Archeology

The Register of Professional Archeologists (RPA)

Consulting Activities

Consulting Project Archaeologist for Brazos Valley Research Associates (2003 to Present)

Various consulting projects for government agencies and private industry (1979 to Present)

Archaeological Consultant to Dixie Environmental Services Co., Inc. (DESCO) in Magnolia, Texas. (2003 to Present)

Consulting Activities (continued)

Archaeological Consultant and Vessel Operator to PBS&J (formerly Espey, Huston & Associates, Inc.) in Austin, Texas (1980 to Present)

Past Employment

Research Assistant, Geochemical and Environmental Research Group, Department of Oceanography, Texas A&M University. (1982-1988)

Research Scientist and Projects Coordinator for the Anthropology Research Laboratory (contract archaeology office), Texas A&M University. (1974-1980)

Assistant Archeologist, Arkansas Highway Department, Little Rock. (1974)

Environmental Planning Specialist, Arkansas Historic Preservation Program, Little Rock. (1972-1974)

Recent Archaeological Projects (2005)

Low impact and cultural resources avoidance plan for the Reed 3-D seismic project in Newton County, Texas. Contract awarded to Ed Baxter by Quantum Geophysical of Houston, Texas.

Low impact and cultural resources avoidance plan for the Kolache 3-D seismic project in Lavaca County, Texas. Contract awarded to Ed Baxter by Louisiana Gas Development Corporation in Hallettsville, Texas.

An archaeological survey and monitoring for a seismic drilling operation in the Bienville National Forest in Smith County, Mississippi. I served as Project Archaeologist for BVRA and DESCO. This project is still in progress.

An archaeological survey for the Wheeler Branch Reservoir in Somervell County, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey of the proposed City of Bellville Clark Park in Austin County, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey of 13 pre-selected areas for the North Runnels Water Supply Corporation Water Additions Project in Runnels and Taylor counties, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey for the Fayette Water Supply Corporation Phase VII Water System Improvements Project in Bastrop, Fayette, and Gonzales counties, Texas. I served as Project Archaeologist for BVRA.

Recent Archaeological Projects (continued)

An archaeological survey for the Buffalo Springs project in Montgomery County, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey for the City of Buffalo water improvement project in Leon County, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey for the City of Lawn System Improvements Project (26 miles) in Callahan, Coleman, and Taylor counties, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey of 8.8 miles of proposed water line for the Poynor Water Supply Corporation Water System Improvements Project in Anderson County, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey of 15 pre-selected areas for the Woodrow-Osceola Water Supply Corporation Water System Improvements Project in Hill County, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey 8.82 km of proposed water line for the Falcon Rural Water Supply Wastewater Project in Starr County, Texas. I served as Project Archaeologist for BVRA.

An archaeological survey of 3 km of force main for the City of Penitas Colonia Wastewater Project in Hidalgo County, Texas. I served as Project Archaeologist for BVRA.

Miscellaneous Past Experience

Research Assistant, Geochemical and Environmental Research Group, Department of Oceanography, Texas A&M University, College Station, Texas, 1982-1988.

Project Coordinator and Archeological Diver for the Matagorda Island Magnetometer Survey and Anomaly Investigations Project, Matagorda, Texas. United States Army Corps of Engineers, 1981-1982.

Project Coordinator of the Freeport Harbor Magnetometer Survey and Anomaly Investigations Project, Freeport, Texas, United States Army Corps of Engineers, 1980.

Project Coordinator of the Grande Isle Magnetometer Survey, Grand Isle, Louisiana, United States Army Corps of Engineers, 1979.

Project Coordinator of the *USS Georgia* Project, Savannah, Georgia, United States Army Corps of Engineers, 1979.

Miscellaneous Past Experience (continued)

Laboratory Coordinator, Cultural Resources Laboratory, Texas A&M University, College Station, Texas, 1979-1980.

Projects Coordinator, Anthropology Research Laboratory, Texas A&M University, College Station, Texas, 1976-1979.

Research Archeologist, Texas A&M University, Performed various projects throughout Texas, 1974-1976.

Assistant Archeologist, Arkansas Highway Department, Little Rock, Arkansas. Performed archeological research in north-central Arkansas, 1974.

Environmental Planning Specialist, Arkansas Historic Preservation Program, Little Rock, Arkansas. Performed a historical inventory of Arkansas, 1972-1973.

Archeological Technician, Arkansas Archeological Survey, University of Arkansas, Fayetteville, Arkansas, 1972.

Assistant Archeologist, Arkansas Archeological Survey, University of Arkansas, Fayetteville. Performed archeological research on a large Mississippian ceremonial complex in northeastern Arkansas, 1969.

Archeological Technician, Arkansas Archeological Survey, University of Arkansas, Fayetteville. Performed archeological research in central Arkansas on Baytown and Fourche Maline occupations in northeast and central Arkansas, 1968.

Museum Technician, University of Arkansas Museum, University of Arkansas, Fayetteville, Arkansas, 1967-1968.

Summary of Experience

Mr. Baxter has a 39-year archeological career which includes prehistoric historic, terrestrial and underwater projects with six years of intensive oceanographic research. This research ranges from both coastal and deepwater environmental sampling throughout the Gulf of Mexico as well as petroleum exploration in the Gulf of Mexico, the Pacific Coast of South America, and the Arctic Ocean.

His terrestrial archaeological experience includes all levels of investigation from single person field reconnaissance to final mitigative actions in the states of Alaska, Arkansas, Louisiana and Texas. He has served in all project roles from crewmember to Principal Investigator, and is the author or co-author of over 60 cultural resource management reports and management plans.

Experience with seismic operations have resulted in a unique combination of avoidance planning and implementation of such plans during ongoing seismic operations. Mr. Baxter has served as Project Archeologist in four large scale seismic archeological surveys and monitoring activities on Federal lands. These projects include surveys on the Big Sandy Unit of the Big Thicket National Preserve, the Trinity National Wildlife Refuge, and the Alabama-Coushatta Indian Reservation as well as archeological monitoring of the seismic activities on the Wallisville Reservoir National Wildlife Refuge. To date, Mr. Baxter has completed twelve "Low Impact Methodology" and "Archeological Avoidance Plans" for United States Army Corps of Engineers permits.

In addition to traditional archaeological investigations, Mr. Baxter has experience in the acquisition and utilization of remote sensing data. This interest began when he was with the Arkansas Historic Preservation Program where he conducted extensive area-wide historic properties surveys and gained experience in the application and comparison of historic maps and archival sources to modern mapping and remote imagery. He has since participated in over 25 cultural resource management projects where remote sensing was the primary objective, including marine magnetometer surveys, bathymetric surveys, sonar surveys, and terrestrial magnetometer surveys.

As a certified diver and archaeologist, he has participated in a number of underwater archaeological investigations including two projects at Port Mansfield, Texas, four at Matagorda Bay, Texas, two at Port Isabel-Brownsville, Texas, five in Galveston Bay, Texas, two at Port Aransas, Texas, one at Freeport, Texas, one at Orange, Texas, one at Beaumont, Texas, one at Port Arthur, Texas, one at Sabine Pass, Texas, one at Fort Hood, Texas, one at Savannah, Georgia, and one at Grand Isle, Louisiana. Through his oceanographic and underwater archaeology endeavors he has become an experienced vessel operator and is knowledgeable of the technical difficulties encountered in nautical archaeology.

REQUEST FOR HOUSING/PROVISIONAL HOUSING AGREEMENT

July 21-2006

Date

RECEIVED

JUL 25 2006

Records and Collections Curation
Texas Archeological Research Laboratory
The University of Texas at Austin
J. J. Pickle Research Campus, Building 5
1 University Station R7500
Austin, Texas 78712-0714

TEXAS ARCHEOLOGICAL/
RESEARCH LABORATORY

Permanent housing and curation is requested at Texas Archeological Research Laboratory for:

Project # & name SEISMIC ASSISTANCE LTD. 3-D SEISMIC SURVEY

PI William E. Moore

Agency(ies) & permit #(s) COE

Permit expiration N/A

Project sponsor SEISMIC ASSISTANCE LTD.

Project area/county(ies)/site #(s) HARDIN & TYLER COUNTIES

Nature of investigation PEDESTALAN SURVEY WITH SHAVEL TESTING

Dates of investigation AUGUST 2006

Projected date for curation SEPTEMBER 2006

Estimated space needs: Records 44

Collections 44

I, the Principal Investigator for this project, acknowledge the requirement that all project records, including the original field records, be on archival materials.

William E. Moore

Signature of Principal Investigator

William E. Moore

Print or type name

OWNER

Title

BURA

Company

813 BECK

Address

Bryan TX 77803

City/State/Zip

Records file drawer (standard letter size) 27-x-11-x-10.5-inches

Collections drawer 28.5-x-25-x-3.5-inches • Collections box (3 collection boxes/shelf) 18-x-11-x-6-inches

\$1320.00

TARL's current cost per drawer/shelf is \$1260.00. This price is in effect from the date this request is approved by appropriate TARL personnel until the first day of the next fiscal year (Sept. 1"). If this project's materials are submitted for curation after this date, the fee in effect at the time of delivery will be charged.

TARL curation staff are to be contacted two weeks prior to bringing or sending materials to the repository. *Final acceptance of the materials for housing is contingent upon full compliance with TARL's procedural guidelines for curation.* For assistance in determining space/cost needs, archival suppliers, or procedures, please call 512-471-6006 (Records) or 512-471-6007 (Collections).

☒ Provisional housing approved

Rosario Casarez

Signature

☐ Provisional housing denied

Rosario Casarez, Registrar

Print or type name and title

7/25/2006

Date