

WYOMING ASSOCIATION OF PROFESSIONAL ARCHEOLOGISTS NEWSLETTER

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WAPA MEETING, SPRING 1983

GENERAL INFORMATION AND CALL FOR PAPERS

The Spring, 1983 WAPA meeting will be held at the Parco Inn in Sinclair, Wyoming on April 1-2 (Friday and Saturday), 1983. The order of the Friday session will be somewhat different in that committees are to meet first in the morning session to try and get some of our backlogged work done. The Friday morning session will start at 9:30 and end at 11:30. If additional committee meeting time is necessary, they will be continued following the business meeting Friday afternoon. Space will be available on the mezzanine of the Parco. Members of the Executive Committee not involved in other committees will also meet at this time. Committees should discuss pertinent issues, and be prepared to present the results of their discussions and resolutions on Friday afternoon for the WAPA membership to consider. This is intended to give committees time to accomplish some of their goals. A potential list of issues is presented below:

- External Affairs: PMOA, Office Management and Budget revised CRM regs and Department of Interior rejection of same.
Resource Base: Predictive models, Trail evaluations
Peer Review: Results of report reviews, Role of research in contract reports

SPRING MEETING (continued)

Research Design: Results of research designing, Collection strategies
There are undoubtedly several other issues that the committees can discuss.

During the Saturday session, we will continue to offer individuals an opportunity to present the results of recent research, site reports, etc. Please limit presentations to 20 minutes. A slide projector and screen will be available. SEND TITLE AND ABSTRACT TO DAVID ECKLES, OFFICE OF THE STATE ARCHEOLOGIST, P. O. Box 3431, LARAMIE, WYOMING 82071.

Dr. George Frison will be the banquet speaker. As a continuation of the "History of Wyoming Archaeology" theme started at our fall meeting with the banquet address by Dr. Carling Malouf, Dr. Frison will speak on his early experiences in Wyoming archaeology. The banquet will be at the Parco Inn on Friday evening at 7:30. A cash bar for WAPA members will open at 6:30.

Rooms are available at the Parco Inn for WAPA members. The rates are \$23 for a single and \$24 for a double room. For reservations call (307) 324-6658.

NOTES FROM THE PRESIDENT

Dave Eckles

I wanted to relate some of my thoughts about WAPA since the last meeting in Casper. I thought that this was the best meeting I had attended. I sensed growth in the organization. For the last two meetings the topic of research in contract archeology is becoming key issue. The award to Margaret Powers shows our sincere interest in creating stronger amateur/professional ties. Certainly, the question of legislative and regulatory interpretation is still very much on all of our minds; the forum discussion on this subject was informative and timely.

There are several things that I would like to emphasize among the WAPA membership for the next year: research contributions to contract reports, sharing of information and reports, greater professional/amateur interactions, and pursuing publication outlets. I would like to receive your suggestions on how we can improve in these areas. See you all at the Parco.



EDITOR'S NOTES

Rhoda Lewis

In an attempt to provide a forum for presentation of current archaeological and/or historical research projects being conducted by WAPA members working in the state of Wyoming, the WAPA NEWSLETTER will be incorporating a current research section in each addition. Members working on private or professional research projects are being encouraged (begged) to send in a synopsis to the NEWSLETTER. We are asking that reports be no longer than three (3) typewritten pages. We can't handle larger manuscripts at this time. The WAPA NEWSLETTER is your means of sharing information with other professionals working in Wyoming.

We would also like to encourage committee chairman to submit reports for inclusion in the NEWSLETTER. Reports such as the one by Bruce Rippeteau in this issue provide pertinent information for us. We would also like to thank the State and Federal agencies (Tom Marceau, Mary Hopkins, and Ray Leicht) for their responses to our requests for updates.

There have been changes in the State of Wyoming personnel which will affect us as archaeologists working in the state. Dr. George Frison after 16 years as Wyoming State Archaeologist has submitted his resignation. Dr. Frison, who has been our first and only State Archaeologist, will end his term officially in January 1984. He will continue with his position at the University of Wyoming. No appointment has been made for the position of State Archaeologist at this time. Jan Wilson, Director of the Wyoming Recreation Commission and SHPO resigned effective December 31, 1982. Al Bastron has been appointed Acting Director and Acting SHPO.

WAPA MINUTES, OCTOBER 29, 1982, CASPER, WYOMING

President Tom Larson called the meeting to order at 10:00 am.

Announced evening banquet in Ramada Wyoming Room: Cash bar at 6:00 pm, Dinner at 7:30 pm. Dr. Carling Malouf to speak on "William Mulloy and the Early Days of Wyoming Archaeology.

Suggestion by Larson, motion by J. Francis to accept minutes from April meeting as presented in Newsletter. Second by T. Larson and passed.

Membership Committee Report by D. Eckles: 9 new voting and 1 new non-voting members accepted.

Resource Base Committee Report by J. Jameson: Discussed bibliography of reports, possibly by township and range. Getting together the pluses and minuses of current reports.

Peer Review Committee Report by B. Aivazian: Currently looking at one report, no comments back yet. Defining the format for reviewing future reports.

External Relations Committee Report by M. Metcalf (absent): nothing to report.

MINUTES (continued)

Research Design Committee Report by J. Francis: nothing to report.

Editor's Report by T. Peebles (for C. Zier): Zier requested that he be replaced as Editor. This is a voluntary position. Peebles nominated R. Lewis, who said she would accept the position.

Next Meeting: discussions as to where to hold the next meeting. T. Peebles said he would look into accommodations at Sinclair. Would be jointly sponsored by Metcalf-Zier Archaeologists, Inc. and Larson-Tibesar Associates.

Agency Reports

DEQ/OSM

November 8 meeting in Denver about new Programmatic Memorandum of Agreement on mine surveys, predictive models, site plans, etc. To include SHPO and downplay the role of Advisory Council. The Sept. 13 draft, National Council draft, and OSM draft are all being incorporated into and providing the basis for the PMOA. There will be two meetings to discuss the new PMOA: one for industry, one for agencies. Some attention will also be directed at the verification of proposed predictive models. Emphasis of research before and after field work. Use of remote sensing using mine data (soils, vegetation, etc.). Work on predicting buried valleys and streams. No change in the review procedures between DEQ and OSM, however, companies should work most closely with OSM.

BLM

Private Land vs. Split Estate questions:

1. Will MMS take over the responsibility for inventorying split estate?
2. Should the Federal government be involved in environmental concerns on private land?

Mark Sifert, Washington DC Department of Interior is working on a solicitor's opinion to these questions. BLM has no obligation to consider cultural resources on private land, but has deference to landowner's wishes. Threatened and endangered species also in question on split estate. Districts and district policies may vary greatly.

Jameson: BLM allows inventories if landowners do no object.

Chomko: Does Worland District follow BLM state policy?

Jameson: Generally require surveys unless letter of objection by landowner. About 90% of projects actually done. Subjective decisions based upon surrounding areas and previous surveys may result in inventory not being required.

R. Leicht: Final say rests with the BLM District Managers.

Chomko: Leicht: T. Marceau: When survey is not done, is SHPO contacted: Yes. What is SHPO response and is it put in writing: SHPO can only recommend, no dictate policy.

MINUTES (continued)

Peebles: Problem that oil and gas companies often have letter from landowner before even a Class I is conducted.

Marceau: SHPO will meet with BLM to coordinate record keeping and record exchange to monitor these actions.

Chomko: Marceau: What happens when SHPO does not agree with BLM decision to not conduct survey? SHPO does not hear back. Their files are full of negative responses which have not received work from BLM. They were ignored.

Chomko to Leicht: Do you know what happens to SHPO responses? Comments received from SHPO usually oriented along lines of not sufficient information. BLM needs more substantive input to warrant a response.

R. Bryant: SHPO only knows about possible project through informal channels. They cannot fully comment on actions unless formal procedures installed to allow response.

Larson: Have the number of NRHP sites increased in Wyoming?

Albanese: No sites added for 3-4 years. BLM does not do it, neither do contractors. Nominations simply not being made.

Marceau: SHPO trying to get \$10,000 fund to get WAS members to evaluate and nominate sites on private surfaces. Governor has an ad hoc committee on cultural resources to provide him with information on cultural resources on state lands, impacts, etc. Members (9) include Mark Junge (SHPO office), Nancy Fried (Gov. office), 2 private citizens, and a judge from the Judicial Branch. Trying to establish a state register and control and need for surveys on state lands. Establish SHPO functions in state statutes.

Oscar Swan (State Land Commission): Misunderstanding between state and BLM lands. Now, Districts have nothing to do with any state lands. A state permit is necessary to remove artifacts from state lands.

Marceau: SHPO is looking at applicable regulations from all other states for input; eg. Arizona where surveys are coordinated between SHPO and Federal agencies.

Historic Trust Meeting in Cody

Formed a citizens group to preserve cultural resources. Ad hoc committee has appointed a board to serve as a steering committee for establishing proper legislation/regulations. Anyone in Wyoming can join. Purpose now is to work for funding and preservation.

MINUTES (continued)

Announcements by B. Rippeteau

1. Society for Historical Archaeology Annual Meeting, Jan. 6-8, 1983, Marriott Hotel, downtown Denver. Call Adrienne Anderson (NPS) or Doug Scott (Colo BLM) for details. Council on Underwater Archaeology and Society of Professional Archaeologists (SOPA) to meet in conjunction.

2. Archaeology in Colorado Year. State proclamation in Colorado by governor. Jim Hester and Rippeteau represent the professional community and amateur groups. May want to consider similar for Wyoming. Work under concept that everyone will love the idea and it will eventually work.

New Officers

Vice-President (President-Elect): Mark Miller
Secretary: Bryan Aivazian
Treasurer: Debra Angulski
Executive Member-at-Large: Tom Peebles

Announcements

J. Michaelson: Wyoming Contricutions to Archaeology, Third Volume for sale.

Journal of Intermountain Archaeology subscriptions available from Western Wyoming COLlege.

Chomko called for discussions on Moxa Arch Pipeline.

Vlcek: Mitigation to take place on three sites. Project subjected to Class I and III studies. Full scale excavation on three sites. 75 sites found in total, of which 12 were considered eligible initially. Checks were done on others. Rather than test all sites as was done in Wamsutter (with little data generated), thought it might be better to mitigate several sites totally to gain maximum data. These sites would also suffer maximum impact damage. One let to inventory contractor, two others let for bid. Project plans were subject to SHPO review.

Break for Lunch: 12:15 to 1:45 pm.

Agency Reports Sessions

Jerry Wylie - USFS, Region 4

Permits on a job by job basis only. January 1983 will require regional certification. IMACS site forms required on all newly and rerecorded sites. Reports sent to USFS only, they handle all other transmittals, eg. SHPO. They have reporting and performance standards which all contractors must abide by. 16 staff archaeologists in the Region at that time. Research Facility at Weber State College, Utah (3 people). Paraprofessional staff and a training program.

Ray Leicht - Wyoming BLM, State Office

Problems with existing site form (format, not content). No positive feedback on form yet. September 10, 1982 was meeting with contractors. University of Utah and Rich Ficke (Utah BLM) discussed IMACS system. September 23 - Leicht, K. O'Neill, Marie Comer, Bob Williams, Mary Feathers, and Tom Marceau met in Rock Springs and discussed elements and categories needed for Wyoming. IMACS site file system is run as a cooperative. November 10 - committee one last time (date conflict, will be rescheduled). Leicht will meet

MINUTES (continued)

with Utah personnel in St. George for final revisions with IMACS. Casper BLM to begin updating soon. May be available for state use within 1 to 1-1/2 years. Optical sensing code forms probable.

Issue of 40 acre survey requirement: Heavy pressure from RMOGA (Tenneco's Lee Freeman primarily) to do away with 40 acre requirement. Most other states do 10 acres or less, direct impact areas only. Mike Beckes (USFS, Custer National Forest) has been receiving heavy pressure lately on the Forest Service's similar policy.

Dick Forrest - Mineral Management Service, Environ. Scientist

MMS is old Conservation Branch of USGS. Jan. 19, 1982, James Watt created MMS, a transfer of functions. Mostly to focus on royalty collections, however, regulations are changing also. Some of the changes will make it more comfortable for industry. MMS desires to acquire Federal land leasing authority, as they already have authority for offshore. Their mandate: be fair, firm and consistent.

Steve Sigstad - USFS, Region 2

USFS using only sampling for timber sale inventories. SHPO says that these do not meet the letter of the law, but USFS says that they do all that they can. 1976 - Denver workshop held to rewrite cultural resources manual. There are 26 million acres in the Region, and they should be completely inventoried by 1990! Realism said Congress would not fund 100% inventory. So land exchanges and strip mines receive complete inventories, but timber sales only focus on primary impact areas. They are attempting to maximize their return for the effort expended.

Conceptually, an experimental design should be required for each forest, however, the USFS considers this to be research, and not compliance. Their hands are tied. Project Delphi, through the SW Research Center of the USFS (Berkeley, Calif), is currently defining research goals and priorities for the forests. However, Project Delphi will not go along with research conducted in association with CRM. Overviews have been produced for all Region 2 forests (except Black Hills), and each are pretty good. Sensitivity areas have been defined and sample survey areas therefore hit the high potential areas.

Tom Marceau - Wyoming SHPO Archaeologist

Gave a review of CRM compliance legislation and procedures, indicating their role in compliance review, program review, NRHP procedures, and as the state data repository.

Agency Session Reviewers

Dave Eckles - Wyoming Recreation Commission

Changes are the main topic of concern that day. There appears to be a growing concern that less work will be done (requires) in the future.

- Marceau: to date, no changes; all is still in effect

- Wylie: Laws are unchanged, but procedures are being streamlined

- Forrest: no legal changes evident, but sees an increase in the number of conflicts in the future. Therefore, tread lightly.

MINUTES (continued)

Bruce Rippeteau - Powers Elevation & RMOGA

- How many paraprofessionals in Region 4 forests: Wylie: about 1-2 dozen.
- To Leicht: the effort to make the state forms more workable for all is admirable. 40 acres is a problem. Beckes is a good advocate for our side. What happens when the on-site results in the archaeologist needing more time to do the job right, but cannot because of high pressure from being waited upon by the other on-site personnel.
- To Marceau: lead by example, not by wielding a "big stick" (a friendly suggestion). The law is there, but it must be flexible.
- In general: we are not just CRM managers, but we should also be promoters. We must share our discipline, and we must not be arrogant in doing so.

Open Discussion

J. Albanese: the 40 acre survey is cost effective for the life of the well due to changes and expansions.

Leicht: the 40 acre concept has been in since the late 1970s.

B. Aivazian: Are RMOGA's concerns over the 40 acres related to the cost of the work or just additional government regulations?

Leicht: Both, also reemphasized that there is considerable pressure exerted upon archaeologists during on-site inspections.

Rippeteau: Tennaco may just be making noise to demonstrate its ability to influence or change laws.

Leicht: if a well is in the corner of a 1/4, 1/4, then it may be necessary to examine the entire 160 acre quarter section.

R. Lewis: not so, it's only the 40 acres centered over the well location.

Vlcek: most do a centered 40, not a legal 1/4, 1/4 section.

Rippeteau: discussions made during the on-site circumvent the entire compliance process. Site avoidance is the key industry attitude.

Vlcek: suggests archaeology be done in advance of on-site. Also there is a need to shovel test in areas where ground visibility is poor, such as forested areas.

C. Arthur: presently, some USFS RFPs do require shovel testing to be done in association with inventory projects.

G. Smith: regardless of OSM guidelines, DEQ will decide what is required or not. If questions, call them. In Wyoming, OSM has only oversight authority/responsibility over DEQ.

MINUTES (continued)

Marceau: File Search Costs - on large projects \$6/section up to 5 sections, then \$4/section for each additional. No more fees for reviews. If IMACS goes into control, the SHPO will still maintain overall state control. Agencies only keep track of what is done on their surfaces. They may also run a system whereby large scale research projects may be conducted in-house on their computer. For file searches, one needs more than just site data in computer. Also needs to know where work or surveys have been done.

Lewis: will there be a cost for pure research requests?

Marceau: at this time, only actual costs incurred.

Vlcek: does not like present system of BLM forwarding report copies to SHPO only when there is a need to comment. Causes a serious gap in their data base.

Leicht: situation due to too many instances where SHPO was commenting when they were not requested to by the BLM. When reports are forwarded for review, the agency comments are attached.

Marceau: in response to Leicht: the comments offered are part of their quality control function over reporting and information standards. The state may have data requirements for computer storage which may not be sufficiently met by the Federal review personnel or agencies.

Wylie: in their region of the Forest Service it is not the contractor's responsibility to provide the state with a copy of the report.

Lewis: not sending reports to the state results in a non-current data base for file searches.

President Tom Larson concluded that this was a productive discussion, but that time was getting late. It was motioned the meeting be adjourned. It was seconded and passed.

Minutes submitted by Bryan L. Aivazian, WAPA Secretary

". . . archaeology is still the most fun you can have with your pants on."

Kent Flannery 1982

Archaeologists are the cowboys of science.

Anon. Whenever

1983 WAPA MEMBERSHIP DUES

WAPA 1983 dues are payable at the Spring Meeting. If your are unable to attend, please send your check and this form to: Debra Angulski
838 19th Street
Boulder, CO 80302
(303) 444-8584

NAME _____
ADDRESS _____

BUSINESS PHONE _____

PAID MEMBERSHIP LIST FOR 1983

(Any questions should be addressed to Deb Angulski at the above address)

C. Armitage	Tom Larson	Omaha District, Corp of
John Benka	Rhoda Lewis	Engineers
Steve Chomko	Tom Marceau	Gregory Smith
Jo Ann Kanter	Mark Miller	Mona Thompson
Doug Kullen		Willy Tibesar

MARGARET POWERS FIRST RECIPIENT OF THE WAPA SERVICE AWARD

David Eckles

On January 22, 1983, the first WAPA service award was formally presented to Margaret Powers at the 30th anniversary meeting of the Sheridan Chapter, Wyoming Archaeological Society. Margaret Powers was one of the founders of WAS and the development of WAS was in large part due to her efforts. There were over 50 people in attendance at the Sheridan WAS meeting. Margaret was surprised that she had been chosen as the first recipient of the WAPA service award, but at the same time deeply appreciative. She related stories about her early days in archaeology, how Bill Mulloy had encouraged her to form an amateur society, and how, during excavations, George Frison always found the projectile points in her excavation units. Margaret sent a thank you message to the WAPA organization saying that she cherishes the award and the thought behind it. We haven't agreed on much in WAPA, but we did this one right.

WAPA EXTERIOR AFFAIRS COMMITTEE REPORT

Bruce Rippeteau

Since the Fall WAPA meeting, the Committee-as-a-Whole has not been overly busy. This is due, in considerable part, to the current stagnant, economic situation in Energy Exploration and Development. However, several noteworthy events can be reported:

(1) On 12-13 January 83, under Society for American Archaeology aegis and at its expense, the Chairman (acting as an individual, but generally for WAPA and others) met in Reno with Cynthia Irwin-Williams (Chair of the SAA Committee on Federal Archaeology), Don Fowler, and a representative of George Gummerman to prepare a "new" version of the "Coal Programmatic Memorandum of Agreement" under development by OSM/Interior.

It has been felt by some archaeologists that the (multiple draft) PMOA being created by the Advisory Council is partly off the mark, although hopefully the goal is the same to all parties. Senior representatives of the American Mining Congress and the National Coal Association also attended our meeting. Cynthia forwarded our 22-page remarks and PMOA to the ACHP on 25 January 83. The Committee's overall tack included reducing the procedural awkwardness. A propos of WAPA, coal work on the Northern Plains (especially on the Powder in WY, and in eastern ND) was an important perspective for the other committee members.

(2) On 03 December, Interior Secretary Watt consolidated all non-financial, onshore mineral activities into the BLM. This surprise move disappeared part of the nascent Mineral Management Service and part of the USGS, and "should" lead to some simplifications of procedure and decision authority in the agency: the BLM. We'll know more at the next of the annual BLM/Industry Oil and Gas meetings (eg. CO/UT, WY/MT/ND/SD etc.) although none are yet scheduled. Current reports are of great, ongoing chaos in the affected agencies.

(3) Colorado has "Colorado Archaeology Awareness Year-1983" now in effect. This was kicked-off by the early-January Society for Historic Archaeology Meetings in Denver, and by Governor Lamms' (actually he hurt his back the day before, so Lt. Governor Nancy Dick very ably and graciously performed the ceremony) Proclamation of January 1983 as "Colorado Archaeology Awareness Month".

The Steering Committee for CAAY-83 has 2 each representatives from the "Colorado Council of Professional Archaeologists" (who took the original lead), the "Colorado Archaeological Society" (who very strongly supports us with activities and donated match), and the "Colorado Historic Society" (who matches the cash, and provides space in the Heritage Center).

The Committee Members, in said order, are: Jim Hester, Joyce Herold and Bruce Rippeteau; Frank Adkins and Bill Tate; and Linda Gregonia and Emerson Pearson. This committee now has 2 employees, Jim Grady and Bobbi Klausung, as Coordinators. There is a stellar T-Shirt which you might wish to purchase (\$7.50 + 1.00 for mailing; proceeds go to the Awareness Year expenses) from WAPA member Marcia Tate.

EXTERNAL AFFAIRS (continued)

(4) The Rocky Mountain Oil and Gas Association is creating a Sub-Committee, of its Public Lands Committee, expressly for Archaeology and has asked RMOGA member Bruce Rippeteau to chair it.

Earlier, RMOGA sent BLM Director Burford a letter concerning the "10/40 acre" well pad survey issue as was raised by Tennaco. The whole matter is a difficult policy decision, but RMOGA did a good job of discussing the 40 acre "pros". RMOGA did cite the burden on Oil and Gas, while ". . . clearly recognizing the public values of archaeology and (RMOGA) supports protection of the cultural resources."

(5) Mark Miller, who has been working with the WY Stockgrowers Association since 1981, reports that they did not adopt our WAPA-suggested resolution, but they did express some sympathy to our cause and did indicate to him that they would invite the WAPA President to their 1982 Cheyenne meeting. However, the latter didn't happen either and Mark recommends we discuss the advisability of forward movement at our upcoming meeting. Mark has full particulars for the business meeting.

UPDATE FROM WYOMING REVIEW AND COMPLIANCE

Thomas E. Marceau

The Governor's Ad Hoc Committee on Historic Preservation wrote 11 bills dealing with cultural resources in Wyoming. As of this writing, 5 have been introduced for consideration by the Legislature. I would like to be able to say that CRM was among the issues begin considered but the three bills dealing with archeological and historic resource management died in committee. One bill (SF-202) which should have provided the SHPO with a legal mooring for a State Preservation program within the Recreation Commission has been side-tracked due to apparent misunderstanding of the intent of the bill. I am trying to contact the appropriate people in order to explain the purpose of the bill; however, as a state employee I am not allowed to actively lobby for this or any other bill. As the only archeologist on the committee, I found it difficult to convince a majority of committee members of the need for archeological legislation. Their primary intent remained with the preservation of the built environment. Evidence of this concern is reflected in the bills which have been introduced, i.e. SF-36 Uniform Conservation Easement Act; SF-164 Municipal Historic Preservation; SF-168 Historic Neighborhood Zoning; SF-201 Historic Rehabilitation Tax Credit.

On the National level, James Watt has returned the ACHP 106 regulations to the Office of Management and Budget for review and "editing". This action occurred after a majority of the ACHP, including Watt's representative, had voted to approve the regs. Watt's actions were taken on the grounds that the Advisory Council's draft advocated historic preservation. Thus, the revised regulations governing Section 106 compliance remain in limbo.

REVIEW AND COMPLIANCE (continued)

The Department of Transportation has taken two actions which are of concern to anyone involved in CRM. They have asked state transportation departments to support the Interior Department's revision of the 106 regs--regs written in such a way as to make CRM work virtually voluntary on the part of Federal agencies. They have also suggested changing the National Register criteria so that only sites of national significance would be listed. Their reasoning is that such a restructuring of the Register would "decrease action at all levels of government as fewer sites of less than national significance must be reviewed at the nomination and project compliance stages with a substantial reduction in paperwork, state grants, project delays and costs." Welcome to 1935!

BLM COMMENTS

The following comments were in response to a request from Ray Leicht of the Wyoming State BLM Office in Cheyenne. The information is an update of some of the items discussed at the fall WAPA meeting in Casper.

40 Acre Survey Requirement

We do appreciate the support from the SHPO and several contractors, through letters and phone calls, to retain the 40-acre survey. We have provided the BLM Washington Office with a written response with respect to that office's suggestion that an area of direct impact and small buffer zone be surveyed for APD's. In our memorandum, we provided several arguments for keeping the 40-acre survey. Our BLM Washington Office will be reviewing comments from each BLM state and developing a policy shortly.

Split Estate

A Washington Department of Interior Solicitor's opinion on this subject is still anticipated sometime in 1983. Phone conversations with that office indicate they are in agreement with our approach of requiring Class III inventory on split estate APS's if the landowner does not object in writing.

New Site Form

The BLM in Wyoming is adopting the Intermountain Antiquities Computer System (IMACS) site form. Comments on the site form and users guide are being received by the University of Utah Archaeological Center. It is expected that the final form and users guide will be available and ready for use in Wyoming by early Spring, 1983.

In the same vein, the BLM in Wyoming intends, in the near future, to experiment with a modified version of the IMACS form, using the same categories and elements, but substituting a "bubble" format. Hence, the encoding would not require a separate form, but would occur as the form is being filled out (similar to GRE exams where answers are marked in pencil and entered into a computer without the need to keypunch the data). Several contracting firms will probably be used to take part in a pilot study involving field use of these forms.

BLM (continued)

To standardize data from almost 23,080 sites in Wyoming and to facilitate management of the data in our computer, the BLM in Wyoming in FY 83 will be contracting to transfer data from the various site forms onto the IMACS form. We will also be putting "project" (area surveyed) data on a separate one page form and entering this data in the computer. Our data compilation objective will be to establish a system to permit computerization of a large volume of cultural resource data and to present the data in an accessible and usable format which can be used for:

- 1) BLM land use planning systems
- 2) Environmental assessments
- 3) More rapid evaluation/assessment for cultural resource clearances for lands and mineral actions as well as Bureau projects
- 4) Reports requiring specific cultural resource information
- 5) Providing institutions with a systematic assemblage of cultural inventory data and information.

Report Disposition

In December 1982, the BLM revised its report disposition policy. Our policy still is for cultural resource contractors to routinely forward two (2) copies of each survey report to the BLM, instead of one copy to the BLM and copy to the SHPO. However, for emergency-type projects in which there is a foreshortened time period for SHPO comments and which may impact a potentially eligible site, the contractor will notify the BLM and SHPO about the short time frame. At the same time, the contractor will forward a copy of the survey report to both the BLM and the SHPO for simultaneous review.

RECENT MAJOR REPORTS

Mary Hopkins of the Office of the Wyoming Review and Compliance has provided the the following list of major reports for archaeological work completed within the state of Wyoming. The list includes reports received and on file in the Laramie office by the end of January, 1983.

Babcock, William A., and others

1982 Historic Resources Inventory, Dry Fork Mine, Campbell County, Wyoming. Historical Research Associates, Missoula, Montana.

Babcock, William A. and others

1982 Historic Resources Inventory, Jacobs Ranch Mine, Campbell County, Wyoming. Historical Research Associates, Missoula, Montana.

MAJOR REPORTS (continued)

- Cassells, E. Steve
1982 Cultural Resource Survey of the Hospital Gulch Timber Sale. Spearfish District, Black Hills National Forest, South Dakota. Plano Archaeological Consultants, Longmont, Colorado.
- Craig, Carolyn and B. Miles Gilbert
1981 Prehistoric Cultural Resource Investigations in the Bighorn National Forest. Larson-Tibesar Associates, Laramie, Wyoming.
- Farmer, Reid and others
1982 An Archaeological, Historical, and Paleontological Inventory of the Cordero Mine, Campbell County, Wyoming. Metcalf-Zier Archaeologists, Inc., Eagle, Colorado.
- Greiser, Sally T., and others
1982 Prehistorical Resources Inventory Dry Fork Mine, Campbell County, Wyoming. Historical Research Associates, Missoula, Montana.
- Hauff, Jeffery and David Eckles
1982 The Carter Mining Company's Caballo Mine, Campbell County, Wyoming: Cultural Resource Mitigation Within the Permit Area, 1981. Office of the Wyoming State Archaeologist, Laramie, Wyoming.
- Heffington, J. Douglas and others
1982 The Playa Project: Archaeological Investigations at the Texas Gulf Tailings Pond #4, Sweetwater County, Wyoming. Western Wyoming College, Rock Springs, Wyoming.
- Keller, Sarah Anne Cameron
1971 The Middle Period: Wyoming and Adjacent Plains. Dissertation, Harvard University, Cambridge, Massachusetts.
- Latady, William R. Jr. and others
1982 Final Report of 34 Investigations at the Cities Service Adobe Town Gas Pipeline Laterals. Office of the Wyoming State Archaeologist, Laramie, Wyoming.
- Lecompte, Janet S. and Jane L. Anderson
1982 A History of Northern Campbell County and the Rawhide Mine Permit Area, Wyoming Appendix D-2 Volume I. Pioneer Archaeological Consultants, Longmont, Colorado.
- Metcalf, Michael D. and Jane L. Anderson, eds.
1982 Final Report on 1980 Archaeological Site Testing and Evaluation for MAPCO's Rocky Mountain Liquid Hydrocarbon Pipeline, Spread 6 Lincoln, Sweetwater, and Uinta Counties, Wyoming. PMZ Archaeology, Woodward-Clyde Consultants, San Francisco, California.
- O'Brian, Patrick M.
1982 Archaeological Investigations at 48SW1091: A Stratified Plant Processing Site in Southwest Wyoming. Western Wyoming College, Rock Springs, Wyoming.

MAJOR REPORTS (continued)

Reher, Charles A.

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WYOMING CONTRIBUTIONS TO ANTHROPOLOGY

Volume 3 of Wyoming Contributions which contains the following articles can be purchased for \$5.00 including postage from: Wyoming Contribution to Anthropology, Department of Anthropology, University of Wyoming, Laramie, Wyoming 82071.

Pronghorn utilization at 48UT390 in southwestern Wyoming by David Reiss and Danny N. Walker.

The Oyster Ridge site; Late Prehistoric antelope utilization in the Bridger Basin, southwestern Wyoming by Christian J. Zier.

The Bairoil Tipi Ring site (48SW2369), Sweetwater County, southwestern Wyoming by Edward W. Jess and Dianne M. C. Berrigan.

Lithic source analysis and interpretation: Some problems and applications in eastern Wyoming by Carolyn Craig.

Sampling Lithic Scatters by David Eckles.

The paleopathology of a human skeletal sample from the Northwestern Plains by John W. Fisher, Jr.

Down the hill without a site by Marcel Kornfeld.

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