

5-14-1982

# Wyoming's Amended Proposed Master's Report

Attorney General, State of Wyoming

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Case 329  
4/13/1  
Box 22

Case # 4993

File # 329

4731

IN THE DISTRICT COURT OF THE  
FIFTH JUDICIAL DISTRICT  
STATE OF WYOMING

IN RE: THE GENERAL ADJUDICATION )  
OF ALL RIGHTS TO USE WATER IN )  
THE BIG HORN RIVER SYSTEM AND ) CIVIL NO. 4993  
ALL OTHER SOURCES, STATE OF )  
WYOMING )

WYOMING'S PROPOSED MASTER'S REPORT,  
AMENDED PROPOSED FINDINGS OF FACTS, CONCLUSIONS OF  
LAW AND DECREE COVERING THE CLAIMS BY AND ON BEHALF  
OF THE TRIBES OF THE WIND RIVER INDIAN RESERVATION

COMES NOW, the State of Wyoming, by and through its Attorney General, and respectfully submits the attached proposed Master's Report, including amended proposed findings of fact, conclusions of law and interlocutory decree, for the consideration of the Master, pursuant to his order of March 3, 1982.

1. This submission contains eight volumes:

<u>Volume #</u>	<u>Contents</u>
I	State's Proposed Special Master's Report
II	State's Amended Proposed Findings of Fact (Series 1 through 5)
III	State's Amended Proposed Findings of Fact (Series 6 through 26)
IV	State's Amended Proposed Findings of Fact (Series 27 through 47)

V	State's Amended Proposed Conclusions of Law and Interlocutory Decree and Appendix 1 to Decree
VI	Appendix 2 to State's Proposed Findings
VII	Appendices 3, 4, 5, 6, 7 & 8 (Part A) to State's Proposed Findings
VIII	Appendices 8 (Part B), 9, 10 & 11 to State's Proposed Findings

2. The overriding objective of the State in preparing this submission has been to develop thorough, detailed and painstaking amended proposed findings of fact. Such findings, if reported by the Master and adopted by Judge Joffe, will reduce the likelihood that additional factual hearings might be required, before final disposition, should any reviewing court differ with the legal conclusions reached by the Special Master. For example, while the State has submitted findings of fact and conclusions of law resulting in the dismissal of all Indian reserved right claims (based on the lack of Congressional intent to reserve water), the State nevertheless has submitted proposed findings of fact and conclusions of law with respect to the quantification of those Indian reserved right claims. Similarly, although the State's submission would result in the disestablishment of the ceded portion of the reservation, the State has also submitted proposed find-

ings and conclusions as if no disestablishment had occurred.

3. The State's submission is also intended to propose a complete resolution of the claims by and on behalf of the Tribes. Since the Master carefully reserved his ruling with respect to what has come to be called the "boundaries and dates" portion of this case, the State's submission contains findings and conclusions relevant to that portion. Those findings and conclusions not only closely parallel the proposed findings submitted by the State at the conclusion of the boundaries and dates hearings, but are also based on appropriate evidence submitted during subsequent portions of the trial.

4. The State has divided its amended proposed Findings of Fact into white and yellow pages. The white pages contain the substance of the State's submission. The yellow pages contain relevant support for those submissions, either by way of references to the record or to legal authorities. As such, the yellow pages essentially represent Wyoming's supporting brief.

5. The State has prepared this submission in an effort to present to the Master a reasonable resolution of this controversy and not as a proposal which adopts

only the positions which have been taken by the State on factual, legal, procedural and evidentiary issues. Consequently, the State expressly reserves the right to reassert any and all of its previous positions during any future proceeding in this matter.

Respectfully submitted this fifth day of May, 1982.

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CERTIFICATE OF SERVICE


The foregoing WYOMING'S PROPOSED MASTER'S REPORT, AMENDED PROPOSED FINDINGS OF FACT, CONCLUSIONS OF LAW AND DECREE COVERING THE CLAIMS BY AND ON BEHALF OF THE TRIBES OF THE WIND RIVER INDIAN RESERVATION was hand-delivered on May 5, 1982, to:

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IN THE DISTRICT COURT OF THE  
FIFTH JUDICIAL DISTRICT  
STATE OF WYOMING

IN RE: THE GENERAL ADJUDICATION )  
OF ALL RIGHTS TO USE WATER IN )  
THE BIG HORN RIVER SYSTEM AND ) CIVIL NO. 4993  
ALL OTHER SOURCES, STATE OF )  
WYOMING )

REPORT OF THE SPECIAL MASTER CONCERNING  
THE RESERVED WATER RIGHT CLAIMS BY AND ON BEHALF  
OF THE TRIBES OF THE WIND RIVER INDIAN RESERVATION, WYOMING

COMES NOW, TENO RONCALIO, Special Master herein and respectfully submits, pursuant to W.R.C.P. 53(e) and the Court's "First Order of Certification and Referral to Master Teno Roncalio and Setting of First Meeting of the Parties," of May 29, 1979, as amended on December 9, 1981, this Partial Report, relating solely to all of the reserved water right claims by and on behalf of the Shoshone and Arapahoe Tribes of the Wind River Indian Reservation, which contains, inter alia, findings of fact and conclusions of law as well as a proposed interlocutory decree which establishes a tabulation or list of said water rights in their order of relative priorities on the river system.



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## I. BACKGROUND AND SUMMARY

This action, commenced by the State of Wyoming in early 1977, may be the most significant litigation in the history of Wyoming. The State has asked this Court, and the Court has asked the Special Master, to determine the rights of all water users in the Big Horn River Basin. Although the basin is of immense size and its water users number in the tens of thousands, statistics alone cannot adequately describe the importance of this general adjudication.

Eventually, the right of each and every water user will be determined and tabulated by this Court. In referring this case to the Special Master, however, the Court specifically provided that the rights of all the various users need not be determined at the same instant. Instead, recognizing the complexity and magnitude of the factual and legal issues involved, the Court established a procedure under which those rights could be divided into and dealt with in manageable portions.

This particular report involves the most volatile and controversial portion, the reserved water right claims by and on behalf of the Shoshone and Arapahoe Tribes of the Wind River Indian Reservation. These claims are asserted

by both the Tribes, in their own behalf, and by the United States, in its fiduciary capacity as Trustee for the Tribes. The claims themselves, as initially set forth in the pleadings, were enormous -- totalling some 1,516,454 acre-feet per annum (plus instream flows, as well as the maintenance of lake levels and groundwater levels) along the Wind River, which eventually becomes the Big Horn River near the downstream boundary of the reservation. The claims for which the United States and Tribes put on evidence were, however, for significantly less water.

Because the paper claims far exceed the virgin flow of the Wind River, and because they are said to be the most senior rights on the river, they have spawned serious alarm among the non-Indian residents of the basin who worry that their water will be taken away and given to the Indian residents. However farfetched that alarm may seem, it has lent a degree of intensity and concern to what has become a quiet attempt to insure that all the assurances and promises made by the United States, whether to Indian or non-Indian, can be honored.

To reach that result, however, requires an understanding of the historical settlement of this basin. Originally, of course, long before statehood, the entire basin was owned by

the United States. It eventually settled the Shoshones on the Wind River Reservation and encouraged the settlement of the remainder of the basin (including some lands now within the boundaries of the present day Indian reservation) by other of its citizens. Because of the semi-arid nature of the region, all of this settlement -- Indian and non-Indian, alike -- was and is desperately dependent on water for its establishment and continuance. The social and economic life of not only the reservation, but the basin as a whole, is directly dependent on water, with irrigated agriculture being the mainstay of human endeavor in the region.

The particular difficulty faced by the Special Master is the necessity to carefully analyze and apply the law with a sensitivity which will ensure that:

1. All present users of water, whether Indian or non-Indian, within the basin are preserved, and
2. That at least the minimal needs for water of all people, whether Indian or non-Indian, are satisfied.

In light of the law which has evolved around Indian water rights, these practical and humanitarian objectives are not easily met. When analyzed from one perspective, at least,



the law of Indian reserved rights would seem to require that all potential uses of water on the Indian reservation (no matter how farfetched and speculative) must be given preference over even present, on-going uses elsewhere in the basin. Such an approach is, of course, as unconscionable as the other extreme of saying that present uses outside the reservation must be honored prior to any use within the reservation. Neither extreme is an acceptable application of the law in a state which has long embraced the concept of equality and has long struggled to ensure that all its citizens and residents, regardless of race, creed or national origin, enjoy the full advantages and opportunities which the State has to offer.

In applying the applicable law (fashioned over the last seventy-five years by the United States Supreme Court) to the facts which have been presented to me, I am required to find that

1. The minimal needs of the Indians and the primary purpose of the reservation must be satisfied under what is known as the reserved right or Winters doctrine. All other needs to use water by Indians on the reservation must be satisfied under Wyoming State law.

2. Historic and present uses of water on those unallotted portions of the Wind River Indian Reservation, which have been continuously held in trust for the Indians since 1868, must continue and must enjoy a priority date as of 1868, the year in which the reservation was established as a permanent homeland for the Indians where they could successfully engage in agricultural pursuits. No evidence has been presented to me that the minimal needs of the Indians are not and cannot be met by the continuation of historic and present uses of water, nor that the primary purposes of the reservation cannot be met by the continuation of those uses.
3. With respect to future uses of water on the Indian reservation, which does not appear to be necessary to satisfy the minimal needs of our Indian residents nor to carry out the primary purposes of the reservation, and with respect to historic uses on allotted lands or lands not continuously held in trust since 1868, I have determined that those future and historic uses are not embraced within the reserved

right doctrine and, consequently, water rights for those uses must be and have been obtained (as are rights for all other uses) under the provisions of the prior appropriation doctrine as enunciated in the Constitution and statutes of the State of Wyoming.

To reach this conclusion has required three years of intensive study as well as a remarkable amount of careful sifting and sorting of the factual and legal aspects of our most precious and ephemeral natural resource -- water. The remainder of this massive report describes the details of that process and the specifics of the result.

Note: To assist the Court, counsel, and the public, the Special Master has prepared the above summary of this report. Since this brief summary is not a substantive portion of the report, any conflict between it and the more lengthy subsequent portions of the report shall be resolved in favor of the subsequent portions.

## II. PROCEDURAL PROGRESS AND STATUS OF THE CASE

This has been a long and drawn out case, lasting for almost six years and involving: over 130 days of hearings, approximately 18,000 pages of transcripts, 81 witnesses, roughly 2400 exhibits, diligent work by counsel and consultants and the expenditure of millions of dollars of public and private funds. The following summary briefly describes the progress of this portion of the case, from inception on January 24, 1977, to its submission on February 19, 1982:

1. On January 24, 1977, the State of Wyoming filed a complaint in the District Court of the Fifth Judicial District, State of Wyoming, seeking a determination of all rights to the use of water in the Big Horn River system and all other sources within Wyoming's Water Division 3. On the same day, Judge Harold Joffe certified that the action is a "suit" within the meaning of the McCarran Amendment, 43 U.S.C., Section 666, and ordered service upon the United States. The Court also approved service by mailing (certified mail, return receipt requested) a Court-approved notice to all known defendants. In addi-

tion, the Court ordered service upon all unknown parties by publication of the notice in each county in Water Division 3.

2. On February 22, 1977, the United States removed the case to the United States District Court for the District of Wyoming based on the presence of federal constitutional and statutory questions presented by the adjudication. While in federal court, the United States answered the complaint by arguing that Wyoming's general adjudication statute W.S. Sec. 1-36-107 does not provide for the adjudication of water rights held by the federal government. The United States also generally claimed rights to use water within Water Division 3 but declined to provide any specifics.
3. On April 15, 1977, Wyoming moved to remand this case to state court. Based on federal policies favoring state-court adjudication of water rights, the voluminous claims to water under Wyoming law and procedural defects in the federal government's removal the Federal District Court granted Wyoming's motion on May 31, 1977.

4. In August, 1977, the United States moved to dismiss the suit for failure to join indispensable parties (the Shoshone and Arapahoe Indian Tribes) and for lack of jurisdiction. The Tribes appeared as amicus curiae arguing that a conflict of interest on the part of their trustee, the United States, precluded effective representation of the Tribes by the federal government. The Tribes also raised their own sovereign immunity as a defense to being joined in the adjudication. The court ruled against the Tribes and United States on all issues and suggested that private counsel for the Tribes would alleviate any potential conflict of interest on the part of the United States. On November 21, 1978, the court granted leave to the Tribes to intervene permissively, pursuant to W.R.C.P. 24(b).
5. In April, 1978, Wyoming moved to certify certain limited issues concerning state-awarded water right to the Wyoming Board of Control. On August 22, 1978, the Court granted Wyoming's motion subject to the disqualification of one member of the Board and the appointment of independent counsel for the Board.

6. On May 4, 1979, the court referred the remaining issues to Teno Roncalio as Special Master.
7. On August 7, 1979, the Special Master conducted a first meeting of the parties in Worland, Wyoming.
8. On August 21, 1979, the Master ordered the United States to file a statement of the present boundaries of all federal reservations of land in Wyoming's Water Division 3 and the dates of establishment and extensions, together with supporting documentation. On September 24, 1979, the United States filed its Statement of Geographic Boundaries, accompanied by many appendices and supporting documents.
9. During the next six months, the United States, the Tribes, and the State of Wyoming, resolved many of their differences concerning reservation boundaries and establishment dates. The most significant agreement, reached on April 15, 1980, concerned the lands encompassed within the present exterior boundaries of the Wind River Indian Reservation, but this stipulation expressly reserved the rights of the parties to dispute the establishment dates and other attributes of specific lands within the Indian Reservation.

10. The Special Master conducted hearings during the weeks beginning April 14, July 14 and July 21, 1980 concerning the still-disputed issues of fact concerning reservation boundaries and establishment dates. During this time, the United States and Wyoming continued negotiations concerning the boundaries and establishment dates of other reservations. These discussions culminated on July 15, 1980, when the U.S. and Wyoming presented six additional stipulations to the Master. The Master then ordered all parties to submit proposed findings of fact and conclusions of law (with a supporting brief relating to disputed issues) concerning boundaries and establishment dates by September 3, 1980.
11. On March 6, 1980, the United States filed a Statement of Claims setting forth the water rights it sought as trustee for the Shoshone and Arapahoe Tribes of the Wind River Indian Reservation as well as on its own behalf. On May 29, 1980 the United States filed a "Supplemental Claim" concerning matters not pertinent to this portion of the case. On May 29, 1980, the United States filed a "Statement of Claims for Appropriative Rights Not the Subject of



Decrees, Certificates or Permits of the State of Wyoming.

12. On April 4, 1980 private counsel for the Shoshone and Arapahoe Tribes filed the "Statement of the Shoshone and Arapahoe Tribes Concerning the Measurement of Tribal Reserved Water Rights." These claims were for amounts in addition to those previously claimed on the Tribes behalf by the United States.
13. The Special Master issued an order on June 26, 1980 containing a stipulation between the parties providing that the United States and Tribes would not object to provisional confirmation of adjudicated rights and no party would challenge the United States' or Tribes' adjudicated state rights until after determination of all federal reserved rights.
14. On July 16, 1980 the State of Wyoming filed its Response to the United States' Statement of Claims as well as its "Brief in Support of the Response to the Claims for Water Rights of the United States and the Shoshone and Arapahoe Tribes".
15. On September 3 and 4, 1980, the State of Wyoming filed its "Proposed Findings of Fact and Conclusions of Law Concern-

ing Federal Reservation Boundaries and Establishment Dates," and the "Brief in Support of its Proposed Findings of Fact and Conclusions of Law Concerning Federal Reservation Boundaries and Establishment Dates" within Wyoming's Water Division 3.

16. On September 3, 1980, the United States filed its "Proposed Findings of Fact, Conclusions of Law and Brief Concerning the Boundaries of the Wind River Indian Reservation and the Priority of Water Rights for Lands Within the Reservation."
17. On August 29, 1980, the Tribes filed their "Proposed Findings of Fact and Conclusions of Law on the Boundaries of the Wind River Reservation and the Priority Date of the Tribes' Water Rights" and "Brief in Support of Their Proposed Findings of Fact and Conclusions of Law on Boundaries and Dates."
18. On October 3, 1980, a hearing was held on various pretrial motions. Arguments were presented by the major parties on Wyoming's Motion to strike a portion of expert testimony presented on June 23, 1980; the State of Wyoming's motion to dismiss with prejudice the United States' claims on

behalf of the Department of Energy; the State of Wyoming's motion to dismiss the United States' claims for non-reserved federal appropriative water rights; and the State of Wyoming's motion for partial summary judgment concerning the fisheries and wildlife habitat claims on behalf of the BLM. The Special Master denied the motion to strike portions of the expert testimony and the motion for partial summary judgment. He requested briefs and took the other two motions under advisement.

19. On October 23, 1980, a pretrial conference was held to determine the procedural methods and issues to be resolved during the hearings on the adjudication of all water rights on the Wind River Indian Reservation.
20. In his November 10, 1980 Order the Special Master dismissed the State of Wyoming's motion of October 3, 1980, for partial summary judgment on instream flow claims on behalf of the BLM. The Order also set forth an outline for the hearings on the adjudication of all water rights on the Wind River Indian Reservation. The outline, which resulted from the October 23, 1980 pretrial conference, established the jurisdiction and parties to be involved,

the general nature of the claims by these parties, the uncontroverted facts, the contested issues of law, and the procedures to be followed for discovery, depositions and exhibits. The Order also set December 1, 1980 as the initial trial date for the hearings concerning the Wind River Indian Reservation.

21. On November 7, 1980, the United States filed its brief in support of its argument concerning the State of Wyoming's Motion to Dismiss the United States' Claims for Federal Appropriative Rights based on Rule 12(b)(6) of the W.R.C.P. On November 21, 1980, the State of Wyoming filed its brief.
22. On November 20, 1980, the State of Wyoming filed its Motion to Dismiss Off-Reservation Hunting and Fishing Claims of the United States and Tribes. On November 21, 1980, the State filed its brief in support of its motion. In his December 12, 1980 Order, the Special Master granted the State's motion and dismissed with prejudice the United States' and Tribes' off-reservation hunting and fishing claims.

23. On December 3, 1980, the State of Wyoming filed its Motion for Reconsideration or Certification. Following oral arguments on December 19, 1980, the Special Master partially granted the motion. Paragraph 3 limiting the time for an offer of proof regarding congressional intent on the Wind River Indian Reservation was stricken.
24. On November 21, 1980, counsel for the Shoshone and Arapahoe Tribes filed a motion for a continuance until January of 1981 with respect to the initial trial date concerning the adjudication of water rights on the Wind River Indian Reservation. At a pretrial hearing on November 24, 1980, the Tribes argued that the United States was unprepared to begin the hearings in December. After lengthy arguments the United States was persuaded to join in the motion when the Special Master ruled that no continuance could be granted at the request of only one of the major parties. The Court granted the continuance and set the trial date for January 26, 1981.
25. During the pretrial hearing on November 24, 1980, the Special Master ruled that granting the United States' and Tribes' motion for a continuance significantly altered the

State of Wyoming's opportunity for discovery and granted the State's request that depositions be allowed to continue until the first day of trial.

26. The Special Master allowed discovery to continue throughout the hearings on the adjudication of all water rights in Wyoming's Water Division No. 3. During the hearings the United States served 6 sets of Interrogatories and Requests for Production on the State of Wyoming, and the Tribes served 5 sets of Interrogatories and Requests for Production on the State of Wyoming. The State of Wyoming served 18 sets of Interrogatories and Requests for Production on the United States. They also served 5 sets on the Shoshone and Arapahoe Tribes. All parties conducted depositions throughout the year of hearings. The State of Wyoming also made 4 requests to the United States and Tribes for permission to enter the Wind River Indian Reservation.

27. On January 26, 1981, the United States began its case-in-chief. This presentation required fifty-one days between January 26 and July 17, 1981. The Court heard the testimony of 13 witnesses, each of whom was examined by

the United States, the Tribes, and the State of Wyoming. During this time, the United States presented 495 direct exhibits to the Court. The State of Wyoming presented 487 cross-examination exhibits. The six months of hearings covered 7,876 pages in the transcripts.

28. Throughout the hearings concerning the adjudication of all water rights on the Wind River Indian Reservation over fifteen changes were made in the trial schedule. Many of these changes were the result of personal conflicts; the major extensions, however, involved the apparent need for more time on the presentation of oral arguments and testimony. The changes finally established that the United States' direct presentation would last until the middle of July, the Tribes' case would begin in the end of July and then skip to the first days in September, and the State's case would last from September through mid-December.
29. On May 6, 1981 the State of Wyoming moved that the Special Master visit the Wind River Indian Reservation to gain a personal perspective of the land and land use patterns on the reservation. After substantial arguments, the United States and Tribes agreed to the motion and June 10, 1981

- was set aside for a helicopter tour. Each of the major parties was represented on the tour which included stops at sites selected by each party.
30. On July 16, 1981, the United States presented its closing arguments in its direct case concerning the hearings on the adjudication of all water rights on the Wind River Indian Reservation. At this time the Court agreed to Wyoming's reservation to file its motion to dismiss, pursuant to Rule 41(b) of the Wyoming Rules of Civil Procedure, when the Tribes' case-in-chief is concluded.
  31. On July 16, 1981, the Shoshone and Arapahoe Tribes began the presentation of their direct case. This presentation lasted nine days, between July 17, 1981 and September 3, 1981; compiled a transcript record of 1,370 pages, from page 7876 to 9846; and covered the testimony of ten witnesses. The Tribes submitted 139 direct examination exhibits, the United States' 3 cross-examination exhibits, and the State of Wyoming's 28 cross-examination exhibits.
  32. On July 16, 1981, Tribal counsel filed an "Amended Statement of the Shoshone and Arapahoe Tribes Concerning the Measurement of Tribal Reserved Water Rights." This



amended claim is in addition to those claims made in their Statement of Claims and those made on their behalf in the United States' Statement of Claims during the United States' direct case.

33. On July 17, 1981, the Shoshone and Arapahoe Tribes, the United States and the State of Wyoming agreed that a list prepared by Tribal counsel of the enrolled members (or direct descendants of enrolled members) in the designated Tribes would be accepted and relied upon for the purposes of this case. On October 22, 1981 the Tribes filed an "Amended Stipulation of Tribal Enrollment" which was accepted by the United States and State of Wyoming and entered into the record.

34. On September 3, 1981 the State of Wyoming began the presentation of its case-in-chief with the filing of its Trial brief which set forth the proposed outline of its case and tentative schedule of witnesses. The State of Wyoming's direct presentation covered 36 days between September 3 and December 18, 1981. The Court heard the testimony of 23 witnesses and entered 736 direct examination exhibits. The United States in cross-examination

entered 39 exhibits and the Tribes' 16 exhibits. The transcript record consists of 5,717 pages, beginning at page 7846 and continuing through page 15,563.

35. During the four months of hearings devoted to Wyoming's position, various stipulations and agreements were reached between the major parties. One of the major agreements, discussions of which began in September, 1981, concerned the status of the uncanceled and unadjudicated permits in Water Division 3. At an informal conference held on October 21, 1981, the major parties approved a method through which the State Engineer could begin the process of adjudicating and cancelling a large number of the permits.
36. On July 21, 1980, the Special Master granted Wyoming's request to respond to the legislative intent evidence presented by the Tribes. On October 7, 1981, the State of Wyoming presented its argument supporting its claim that Congress did not intend to reserve water for the Wind River Reservation but instead required that water rights for the Reservation be determined and obtained within the confines of State law. During this presentation the State submitted 261 exhibits, the authenticity of which had

- previously been accepted by the United States and Tribes.
37. On October 22, 1981, the Special Master set aside the week of December 7, 1981, for hearings in Worland, Wyoming, for the presentation by the private parties on the economic impact of the Federal and Tribal claims on state-awarded water rights, and on discussions of legal issues which they wish to raise. On November 19, 1981, the Special Master granted a motion by private counsel to lift the time restrictions set for specific arguments during the Worland hearings.
38. On December 7, 1981, the Special Master began the hearings in Worland, Wyoming on the economic impact of the United States' and Tribes' claims on the Wind River Indian Reservation. The four days of hearings included the testimony of 20 witnesses and the introduction of 118 exhibits. The hearings compiled a transcript record of 1,228 pages, from 13,310W to 14,538.
39. On December 15, 1981, the State of Wyoming moved the Court for an order directing that the proposed findings of fact, conclusions of law and proposed Master's report concerning water rights for the Wind River Indian Reservation not

held under State law be submitted by February 1, 1982. After a lengthy argument the Court took the motion under advisement. On December 16, 1981, the Special Master accepted the United States' suggestion and set March 15, 1982, for the submission of the proposed Findings of Fact and Conclusions of Law. On February 25, 1982, the United States and the Tribes requested a continuance for the Findings of Fact and Conclusions of Law. Although the State of Wyoming raised no objection, it did not join in the motion. On March 3, 1982, the Court amended its December 16, 1981, order and set April 7, 1982, as the final submission date.

40. On December 18, 1981, the State of Wyoming concluded the presentation of its direct case concerning the hearings on the adjudication of all water rights on the Wind River Indian Reservation. At this time, the United States reserved its right to call rebuttal witnesses and the State reserved its right to surrebuttal.
41. On January 11, 1982, a post-trial hearing was held on a motion by the United States to substitute deposition transcripts for the oral testimony of its rebuttal witnesses.

The motion was denied. On January 21, 1982, at a post-trial hearing on the rebuttal issue, February 12, 1982, was tentatively set aside for the presentation of the United States' rebuttal case.

42. On February 19, 1982, a post-trial hearing was held at which time the Court granted the State of Wyoming's January 21, 1982, motion to correct exhibits entered during its direct case.

43. On February 19, 1982, at a post-trial hearing the Court heard the testimony of the United States' rebuttal witness. This testimony included the introduction of one exhibit and had a record in the transcripts of 129 pages. At the conclusion of the hearing the State of Wyoming waived surrebuttal and the matter of the reserved rights for the Wind River Indian Reservation stood submitted.

III.  
SUMMARY OF THE NATURE OF THE UNITED STATES' AND TRIBES' CLAIMS  
CONCERNING THE WIND RIVER INDIAN RESERVATION AND OBJECTIONS  
THERE TO

I. INTRODUCTION

The United States has claimed reserved water rights for all federal lands in Water Division No. 3. The portion of the case now before the Court involves only those claims made on behalf of the Shoshone and Arapahoe Tribes of the Wind River Indian Reservation for agriculture, fisheries and wildlife, mineral development, municipal and industrial uses and aesthetics.

The Tribes endorse the claims made by the United States on their behalf, but find them insufficient, asserting that greater amounts of water are necessary to satisfy present and future needs of the reservation.

The State of Wyoming denies that the United States and Tribes are entitled to the rights they claim on behalf of the Wind River Indian Reservation.

II. GENERAL CLAIMS AND OBJECTIONS THERETO

A. Legal Theory of Claims

The United States and the Tribes base their claims primarily on the reserved rights, or Winters doctrine. They claim that large amounts of water were reserved to fulfill the purposes of the Wind River Indian Reservation when it was created in 1868. They also seek confirmation of certain state-awarded rights, a matter which is not a portion of this Report.

B. Wyoming's Response

1. Wyoming rejects the claim of the United States and Tribes for reserved rights on the Wind River Indian Reservation. Wyoming contends that no reserved water right was created on behalf of the Wind River Indian Reservation when the Reservation was created by the Treaty of Ft. Bridger on July 3, 1868, or that, if created, has since been abrogated or lost. Wyoming bases this contention on the following theories of law.

a. Wyoming contends that the United States did not intend to create any reserved right on behalf of the Wind River Indian Reservation when it was created by the July 3, 1868 Treaty of Ft. Bridger. Wyoming relies on the Treaty itself, as well as subsequent Treaties and Agreements affecting the Wind River Indian Reservation, acts of Congress, case law, and other evidence in support of this contention.

b. As an alternative theory, Wyoming contends that any reserved water right which may have been created on behalf of the Wind River Indian Reservation by the Ft. Bridger Treaty was abrogated by Wyoming's Constitution, as

ratified by the Act of July 10, 1890, admitting Wyoming to statehood. Congress has expressly acknowledged Wyoming's ownership of all waters within the State's boundaries by its admission of Wyoming to statehood and attendant ratification of the Wyoming Constitution, which declares all waters of the state to be the property of the state.

- c. Wyoming also argues that any reserved rights which may have been created by the Ft. Bridges Treaty were abrogated by the agreement of April 21, 1904, known as the Second McLaughlin Agreement, affirmed by Congress on March 3, 1905. Wyoming contends that Article III of that Agreement provides that water rights for the benefit of the Wind River Indian Reservation are to be obtained according to Wyoming law.
- d. Finally, even if the United States did intend to create reserved rights on behalf of the Wind River Indian Reservation when it created the Reservation, Wyoming contends that the United States is now estopped from claiming those rights. Both the acts of the



United States in acquiring rights under Wyoming law for the Reservation and in encouraging settlers to enter, settle, and acquire water rights in the Big Horn Basin, estop the United States from claiming reserved rights on behalf of the Wind River Indian Reservation.

2. If, in spite of the foregoing, the Court finds that reserved rights were created on behalf of the Wind River Indian Reservation and were never abrogated, Wyoming contends that all general limitations inherent in the reserved rights doctrine must apply to those rights. These limitations include at a minimum, all of the following:

a. Under the reservation doctrine, water will not be found to have been reserved for use on federally-reserved lands unless it is shown that the United States, in fact, intended to reserve such water. The United States must have specifically intended to create a reserved right for the primary purposes of the Wind River Indian Reservation.

- b. The reserved right must be precisely quantified in terms of the specific primary purposes for which it is to be used.
- c. The quantity of water reserved may only be the minimal amount necessary to fulfill the primary purpose for which the Wind River Indian Reservation was established.
- d. No reserved right can exist for the secondary purposes underlying the creation of the Wind River Indian Reservation, if any.
- e. A reserved right may apply only to such water as is unappropriated under Wyoming's law as of the date when the reserved right was created. Any appropriative right for which a permit application was filed prior to the date of creation of a reserved right is senior to that reserved right.
- f. No reserved right exists to use water which is not located in or touching the Wind River Indian Reservation, nor may a reserved right be exercised beyond the boundaries of the reservation.
- g. A reserved right applies only to land continuously owned and actually reserved by the United States.

h. A reserved right may be exercised only by Indians for whom the land to be served by the reserved right is held in trust by the United States. It may not be exercised by permittees or non-Indian lessess. If land has been lawfully allotted or patented directly to an individual Indian, the reserved right exists on behalf of the Indian and correspondingly diminishes any reserved right which may have existed on behalf of the Reservation.

i. A reserved right may not be found to exist on behalf of lands acquired or reacquired by the United States or Tribes by purchase, devise, gift, exchange or otherwise. Reserved rights persist only as long as lands served by the rights are continuously held by the United States in trust for the Indians. Reserved right status is finally and irrevocably terminated by the disposition, in any form, including allotment, of the land with which said right is claimed, to any non-Indian. Once land is disposed of, reacquisition by the Tribes, a Tribal member, or by the United States on

behalf of the Tribes, in no way restores, re-establishes, reactivates, or in any way renews any reserved water right on said land upon reacquisition.

- j. Any reserved right awarded must be limited in its quantity to minimize injury to owners and users of competing appropriative water rights.

### III. SPECIFIC CLAIMS AND OBJECTIONS THERETO

#### A. Purpose of Wind River Indian Reservation

The United States asserts that the purpose of the Wind River Indian Reservation was and is to provide a permanent home for the civilization of the Shoshone and Arapahoe Tribes. Wyoming contests this, arguing that the sole primary purpose of the Wind River Indian Reservation was and is purely agrarian, that is to convert the Indians from a nomadic to an agricultural people. Only to this extent can the purpose underlying the creation of the reservation be construed as one to provide a permanent home for the Tribes.

#### B. Priority Date

The United States and Tribes claim a priority date of July 3, 1868, for any and all reserved water rights claimed on behalf of the Wind River Indian Reservation. The Tribes contend that this date applies as well to lands which may be reacquired, in the future,

in trust for the Tribes or for individual Indians. Wyoming agrees that a July 3, 1868, priority date attaches to those unallotted portions of the Wind River Indian Reservation which have continuously been held in trust by the United States. Alternatively, the State maintains that, for those portions of the reservation which were disestablished and subsequently restored, the date of restoration serves as the applicable priority date. On the Wind River Indian Reservation, restoration dates range from 1940 to 1974. Wyoming disputes any claim for a reserved right for reacquired lands; though, if one is awarded, the priority date must be the date of restoration or reacquisition, whichever is later. Finally, Wyoming argues that the acquisition in trust of lands never held in trust does not establish a reserved right.

C. Quantification for Specific Purposes

The United States and Tribes appear to agree that all reserved rights which may be granted in this case must be specifically quantified. Wyoming, of course, takes this position.

Because the trial in this case provides a detailed and specific record of the quantities which all parties believe may be granted for any purpose, it would do little good to describe the quantities claimed in the

Statements of Claim or Responses filed by the parties. Only a general description of the uses for which the quantities were claimed is appropriate.

1. United States and Tribes

By its two Statements of Claim the United States alleged that it was entitled, on behalf of the Tribes, to a quantification of a reserved right for irrigation, livestock uses, domestic, municipal, and commercial uses, oil development, coal development, gas development, uranium development, phosphate rock development, and gypsum development.

In addition, the United States argues that it was entitled to a reserved water right for aesthetic use and for fisheries and wildlife uses, both on and off the Wind River Indian Reservation. The United States characterizes these latter uses as "non-consumptive" and claims the right to develop storage as may be necessary to meet the "non-consumptive" use as well as diversions. Finally, the United States claims the right to maintain natural groundwater levels on the Reservation.

The claim of the Tribes did not diminish the claims of the United States on their

behalf. Rather, it expanded those claims. The Tribes claimed additional water for non-trust lands (the United States' claim applied only to trust lands) and additional water for uses for which the claims made by the United States were felt by the Tribes to be insufficient. These include irrigation uses as well as other uses. The Tribes also made a specific claim for a reserved right for evapotranspiration from reservoirs on the Wind River Indian Reservation and dispute, as too low, the United States' estimate of the duty of water. Finally, the Tribes made claims for water to maintain lake levels and streamflows and groundwater.

2. Wyoming

Wyoming disputed all of the specific claims of the United States. Wyoming's first position is, of course, that no reserved right exists on behalf of the Wind River Indian Reservation. If it does, however, it is Wyoming's contention that the right may be quantified solely as is necessary to irrigate the practicably irrigable acres of unallotted lands continuously held in trust by the United States within

the Reservation. Wyoming accepts no quantification for any other purpose. In addition, Wyoming recognizes no right to any reserved right for off-Reservation use or for groundwater.

#### IV. CONCLUSION

It is apparent that the claims of the United States and Tribes differ radically from the State of Wyoming's position. It is the task of the Court to determine which, if any, of the contentions put forth are correct.



#### IV. IDENTITY OF THE PARTIES

In theory, every person in the Big Horn Basin who uses its water is a party to this general adjudication. In accordance with statute, service by mail has been obtained on over twenty thousand persons who had some record interest in lands served by a State water right (whether decree, permit or certificate) within the basin. In addition, newspaper notices have been published to alert even those with unrecorded interests to step forward, claim and prove their water rights.

##### A. Major Parties

As a practical matter, however, the active parties in this proceeding have numbered no more than a few hundred -- at least to this point. Since, with brief interruptions, the claims by and on behalf of the Tribes were handled first, the most active parties have been the Tribes and United States. During the course of the hearings concerning the Indian water rights, the Tribes have been represented by:

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The United States has been represented by a number of attorneys from the Department of Justice and the Department of Interior: From the Department of Justice, in order of their appearance: William Burchette, Esq., Hank Meshorer, Esq., Myles Flint, Esq., Regina L. Sleater, Esq., Thomas W. Echohawk, Esq., and James J. Clear, Esq. From the Department of Interior, Joseph Membrino.

The claims by and on behalf of the Tribes have been contested by the State as well as a large number of private parties. During the pendency of the adjudication, four different Wyoming Attorneys General have held office: V. Frank Mendicino, Esq., John Rooney, Esq., John D. Troughton, Esq. and Steven F. Freudenthal, Esq. From within the Attorney General's staff, Jack D. Palma, Esq., Sandra K. Dunn, Esq. and Bruce Salzburg,

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The private parties, because of the expense of participation in a long trial conducted primarily in Cheyenne, which is outside the basin, tended to pool their resources by hiring one attorney for large groups of parties or by appearing pro se.

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V. REVIEW OF THE EVIDENCE FOR RESERVED RIGHTS CLAIMS

The pages following set forth a chronological, descriptive index to the evidence presented during this action. Both testimony which appears in the transcript of the trial and exhibits presented during the trial are catalogued.

The review is set forth as outlined below:

- (A) Index to witnesses and testimony presented at the trial.
  - (1) Boundaries and Establishment Date Trial
  - (2) Wind River Indian Reservation Trial, including the portion which took place in Worland, Wyoming.
- (B) A descriptive index to the exhibits presented at the trial.
  - (1) Boundaries and Establishment Dates Trial.
  - (2) Wind River Indian Reservation Trial including the portion which took place in Worland, Wyoming.

A. INDEX TO WITNESSES AND TESTIMONY

1. SUMMARY OF  
BOUNDARIES AND ESTABLISHMENT DATE  
TRIAL

United States Case in Chief:(Sleater)

1. The United States did not put on any witnesses during its direct case in support of the boundaries of the Wind River Indian Reservation as stated in its statement of geographic boundaries. It relied upon three exhibits, WR-1, WR-2, WR-3 to support its claim. (pp. 34-36)
2. The State of Wyoming's case-in-chief: (Palma) (pp. 36-110)
  - a. In his opening statement, Mr. Palma set out what the State of Wyoming believes support his position on the boundaries and establishment dates of the Wind River Indian Reservation. (pp. 36-41)
3. Examination of James D. Voeller, pp. 41-108.
  - a. Direct (Palma), pp. 41-92. Mr. Voeller's testimony outlined the diminishments and restorations of the Wind River Reservation between 1868 and 1974.
  - b. Cross (Sleater), pp. 92-97.
  - c. Cross (Sachse), p. 97.
  - d. Direct (White), pp. 98-107.Mr. Voeller's testimony concerned the disposition of land described in Wyoming Exhibits WR-1 through WR-8 as well as the present status of those lands.

- e. Cross (Sleater), pp. 107-108.
- f. Cross (Sachse), p. 108, pp. 108-109.
- 4. Conclusion of Wyoming's rebuttal case with respect to the United States' claims concerning the boundaries and dates of the Wind River Indian Reservation, p. 109.
- 5. United States Rebuttal, pp. 110-426.
- 6. Opening statement, (Sleater), pp. 110-114.
- 7. Examination of Peter Iversen (Sleater), pp. 114-357. Dr. Iversen, admitted as an expert historian in Indian history, policy and development, presented testimony concerning the disposition of tribal land. This testimony essentially relied on Dr. Iversen's interpretation of various public documents relating to the administration of Indian lands by the United States government, specifically as they related to the 1905 statute.
  - a. Direct (Sleater), pp. 114-240.
  - b. Cross (White), pp. 240-268. The witness testified that his water analysis of the years 1905 and 1908 were directly interrelated with his land use analysis.
  - c. Redirect (Sleater), pp. 268-270.
- 8. Examination of Ronald Penman, pp. 270-355.
  - a. Direct (Sleater), pp. 270-345. Mr. Penman was admitted as an expert in Indian records and BIA



records specifically between the years 1930 and 1945. He testified on the administration of the government accounting system regarding Indian trust matters. His concentration was on a study of the grazing leases on the open portion of the Wind River Reservation primarily between 1905 and 1916.

b. Cross (White), pp. 346-355. Mr. White presented an offer of proof with respect to the cross examination of Penman concerning whether or not the leases he testified to and which appear presented by the state fall within or fall without the boundaries of the Wind River Reservation. A stipulation was agreed to accepting that some of the leases testified to by Mr. Penman were outside the exterior boundaries of the reservation.

9. Examination of Richard Oaks, pp. 357-396.

a. Direct (Membrino), pp. 357-389. Although Mr. Oaks was not formally admitted as a witness, his testimony indicated that he was a land surveyor for the Department of the Interior working primarily with Federal and Indian lands in Wyoming and in Nebraska.

Direct (Sleater), pp. 357-389. His testimony included the admission of various restoration acts about which the State of Wyoming had no objection. The major portion of his testimony

concerned substantiating exhibits previously admitted by the State of Wyoming.

- b. Cross (White), pp. 389-396. The State of Wyoming objected to Mr. Oaks' testimony in the belief that his responses were obtained with the assistance of the Master, with the existence of an exhibit not in evidence. The focus of this examination of Mr. Oaks was to determine whether or not his testimony of these maps presented by the State of Wyoming did not accurately depict the exhibits offered by the state, was prejudiced as he was shown additional information. The Master disagreed with the state's observation.

10. Examination of Edward Kassahn, pp. 397-405.

- a. Direct (Sleater), pp. 397-401. Mr. Kassahn defined a master title plat as showing ownership of land, specifically private ownership, public lands and the restricted nature of lands. He testified that limited investigation of certain townships represented in the Wyoming exhibits WR-10A and 10B revised reflected the existence of a withdrawal.
- b. Cross (White), pp. 401-405. Mr. Kassahn testified that the only way to make a thorough examination of the Secretary's order of withdrawal was to examine each section of each plat.

11. Recross of Dr. Iversen (White), pp. 521-568.

Dr. Iversen testified without the documents from which he relied in his analysis of federal action under the further provided clause of Article III of the 1905 Act which were affected by federal actions concerning water. Discussion focused on the errors between the 1905 Act and Winter's decision. Dr. Iversen concluded that the only thing the United States did with respect to the period March 3, 1905 to March 6, 1908, which was not in compliance with Wyoming state law, was to prosecute the Winter's case in Montana. He further concluded during the post-winter's period, that is the period after January 6, 1908 and especially by the second decade of this century, the United States no longer made every effort to comply with state law, but relied on the Winter's doctrine for Indian rights.

12. Examination of Elsie Kolstad, pp. 64-101.

a. Direct (Sachse), pp. 64-95. Ms. Kolstad was admitted as an expert on the subject of titles to Indian properties recorded in the Billings title plat office. The witness primarily described the methods used to prepare an up-to-date map of the Wind River Reservation showing which lands were held in fee ownership, which

lands were held in trust for the Tribes,  
which lands were held in trust for individual  
Indians, and which lands were held by the  
United States.

b. Cross (Merrill), pp. 95-101.

13. Continued Cross of Dr. Iversen, pp. 126-173.

a. Cross (White), pp. 126-171. The witness  
testified that there were some conflicting  
opinions with respect to the source of water  
rights for the reservation prior to the  
1905 Act.

b. Cross (Sachse), pp. 171-174.

14. Examination of James Voeller, pp. 180-303.

a. Direct (White), pp. 180-254. Mr. Voeller's  
testimony included an examination of the location  
and acreage amounts of the lands within the  
ceded and diminished portion of the reservation  
and the methods which were used to prepare  
consolidated legal descriptions of the lands  
contained in the Wind River Reservation by  
priority dates assuming that those ceded lands  
were reserved as of the date of the restoration  
order bringing them back to the reservation.

b. Cross (Sleater), pp. 254-275.

c. Examination by the Special Master, pp. 276-281.

- b. Cross examination (Sleater), pp. 254-275.
  - c. Examination by the Special Master, pp. 276-281.
  - d. Cross (Sleater), pp. 281-301. This cross examination was primarily for discussion of exhibits submitted by the State of Wyoming in April, 1980.
  - e. Redirect (White), pp. 302-303. Mr. Voeller indicated he personally supervised the preparation of the exhibits given during his testimony.
15. Examination of Becky Braman, pp. 303-307.
- a. Direct (White), pp. 303-306. Mrs. Braman testified that she personally reviewed the permits used in the preparation of exhibits which have been admitted as the WR-20 series.
  - b. Cross (Facciolla), pp. 306-307.

2. SUMMARY OF TRIAL ON THE WIND  
RIVER INDIAN RESERVATION

16. Examination of Richard Harbour, pp. 62-142;

Mr. Harbour, admitted as an expert in natural resources management and planning, testified for the United States regarding aesthetics on the Wind River Indian Reservation.

a. Direct, U.S., pp. 62-117.

b. Cross, pp. 118-142.

17. Examination of James Merchant, pp. 186-723a;

Mr. Merchant, admitted as an expert in economics, testified for the United States regarding livestock, municipal, commercial and industrial water requirements.

a. Direct, U.S., pp. 186-610.

b. Cross, pp. 610-723a.

18. Examination of Oliver Page, pp. 749-1046;

Mr. Page, admitted as an expert in hydrogeology and ground water development, testified for the United States regarding his evaluation of the ground water resources on the Reservation for use in resource development and in support of the United States' claims.

a. Direct. U.S., pp. 749-925.

b. Cross, pp. 925-1046.

19. Examination of Albert Kersich, pp. 1097-1885;

Mr. Kersich, admitted as an expert in agricultural engineering, testified for the United States regarding arable land on the future project areas.

a. Direct, U.S., pp. 1097-1259.

b. Cross, pp. 1260-1885.

20. Examination of Ron Billstein, pp. 1894-2439;

Mr. Billstein, admitted as an expert in water resource engineering, testified for the United States regarding acres in use during 1980 for unadjudicated lands. He also testified regarding water supply to serve irrigated lands.

a. Direct. U.S., pp. 1894-2130.

b. Cross, pp. 2130-2439.

21. Examination of George Christopulos, pp. 2459-2468;

George Christopulos testified as the Wyoming State Engineer, testifying for the State regarding the certification of water rights in Wyoming.

a. Direct. Wyo. pp. 2459-2463.

b. Cross, pp. 2463-2464.

c. Redirect, pp. 2464-2468.

22. Examination of Ronald Billstein, pp. 2477-2966;

(refer to No. 20 )

a. Cross, Wyo., pp. 2477-2926.

b. Redirect, pp. 2933-2944.

23. Examination of Albert Kersich, pp. 3036-3261;

(refer to No. 19 )

a. Cross, Wyo. pp. 3036-3195.

b. Redirect, pp. 3196-3237.

24. Examination of Ross Waples, pp. 3285-3698;

Mr. Waples, admitted as an expert in soil science and land classification, testified for the United States regarding Type VIII, Type VII lands on the Wind River Indian Reservation.

a. Direct, U.S., pp. 3285-3409.

b. Cross, pp. 3409-3685.

c. Redirect, pp. 3688-3698.



25. Examination of Robert Toedter, pp. 3700-3998;

Mr. Toedter, admitted as an expert in agricultural engineering specializing in drainage, testified for the United States regarding depth to barrier and hydraulic conductivity on arable lands testified to by Messrs. Kersich and Waples for future project, Type VIII and Type VII lands. He also testified regarding the depletion analysis used in generation of natural flows by Mr. Keene.

- a. Direct, U.S., pp. 3700-3890.
- b. Cross, Wyo., pp. 3892-3961.
- c. Redirect, U.S., pp. 3980-3992.
- d. Recross, Wyo., pp. 3993-3998.

26. Examination of Woldezion Mesghinna, pp. 4000-4887;

Dr. Mesghinna, admitted as an expert in agricultural engineering, testified for the United States regarding irrigable acres, water requirements and engineering costs for the future project and Type VIII lands.

- a. Direct, U.S., pp. 40001-4341.
- b. Cross, Tribes, pp. 4350-4389.
- c. Cross, Wyo., pp. 4394-4875.
- d. Redirect, U.S., pp. 4878-4885.
- e. Recross, Wyo., pp. 4885-4487.

27. Examination of David M. Dornbusch, pp. 4890-5137;

Mr. Dornbusch, admitted as an expert in economics, testified for the United States regarding economic feasibilities of future project, Type VIII and Type VII lands.

- a. Direct, U.S., pp. 4890-5054.
- b. Cross, Tribes, pp. 5070-5087.

c. Cross, Wyo., pp. 5104-5137.

28. Examination of Thomas M. Stetson, pp. 5208-5577;

Mr. Stetson, admitted as an expert in civil engineering, testified for the United States regarding water requirements for Type VII, Unadjudicated In-Use and Adjudicated claims. He also testified regarding the engineering costs for development of Type VII lands.

a. Direct, U.S., pp. 5208-5264.

b. Cross, Wyo., pp. 5268-5570.

c. Redirect, U.S., pp. 5570-5577.

29. Examination of Woldezion Mesghinna, pp. 5579-5709;

(refer to No. 26 )

a. Direct, U.S., pp. 5579-5605.

b. Cross, Wyo., pp. 5605-5702.

c. Redirect, U.S., pp. 5702-5708.

d. Recross, Tribes, pp. 5708-5709.

30. Examination of David M. Dornbusch, pp. 5717-6260;

(refer to No. 27)

a. Direct. U.S., pp. 5717-5770.

b. Cross, Wyo., pp. 5773-6260.

31. Examination of David Vogel, pp. 6322-6901;

Mr. Vogel, admitted as an expert in fisheries biology, testified for the United States regarding in-stream flow claims on the major streams within the Wind River Indian Reservation.

- a. Direct, U.S., pp. 6322-6559.
- b. Cross, Radosevich, pp. 6559-6589.
- c. Cross, Wyo., pp. 6589-6896.

32. Examination of Robert Toedter, pp. 6911-7039;

(refer to No. 25 )

- a. Direct, U.S., pp. 6911-7013.
- b. Cross, Radosevich, pp. 7013-7036.
- c. Cross, Wyo., pp. 7036-7039.

33. Examination of Michael Keene, pp. 7047-7202;

Mr. Keene, admitted as an expert in hydrology, testified for the United States regarding natural flows on streams within the Wind River Indian Reservation.

- a. Direct, U.S., pp. 7048-7136.
- b. Cross, Wyo., pp. 7158-7202.

34. Examination of Ronald Billstein, pp. 7214-7663;

(refer to No. 20 )

- a. Direct, U.S., pp. 7215-7431.
- b. Cross, Donnell, pp. 7434-7488.
- c. Cross, Wyo., pp. 7500-7663.

35. Examination of Robert Toedter, pp. 7669-7739;

(refer to No. 25 )

- a. Direct, U.S., pp. 7669-7684.
- b. Cross, Wyo., pp. 7684-7689.
- c. Redirect, U.S. pp. 7689-7691.
- d. Cross, Wyo., pp. 7691-7739.

36. Examination of George Christopulos, pp. 7766-7794;

(refer to No. 21 )

- a. Direct, Wyo., pp. 7766-7789.

37. Examination of Mae M. Eckman, pp. 7840-7870;

Mae Eckman, employed as the manager of the Land, Titles and Record Section of the BIA, testified regarding title transactions on the WRIR and tax records for lands in the WRIR.

- a. Direct, U.S., pp. 7840-7870.

38. Examination of Robert N. Harris, pp. 7907-7946;

Mr. Harris, chairman of the Shoshone Business Council, testified for the Tribes regarding the Tribal Council and fee land ownership.

- a. Direct, Tribes, pp. 7907-7927.

- b. Cross, Radosevich, pp. 7928-7933.

- c. Cross, Wyo., pp. 7933-7946.

39. Examination of Pius Francis Moss, pp. 7946-7981;

Mr. Moss, a member of the Arapahoe Tribe, testified for the Tribes regarding Tribal history and fee land ownership.

- a. Direct, Tribes, pp. 7946-7959.

- b. Cross, Radosevich, pp. 7959-7961.

- c. Cross, Wyo., pp. 7965-7981.

40. Examination of Frank Enos, pp. 7985-8006;

Mr. Enos, a member of the Shoshone Tribe, testified for the Tribes regarding how he acquired his fee lands and his opinion regarding reserved water rights in fee lands.

- a. Direct, Tribes, pp. 7985-7995.

b. Cross, Radosevich, pp. 7995-8001.

c. Cross, Wyo., pp. 8001-8004.

41. Examination of Elsie Kolstad, pp. 8011-8031;

Mrs. Kolstad, an employee in the title division of Bureau of Indian Affairs, testified for the Tribes regarding the titles and the fee and allotted lands on the Reservation.

a. Direct, Tribes, pp. 8011-8021.

b. Cross, Wyo., pp. 8021-8028.

c. Cross, Radosevich, pp. 8028-8031.

42. Examination of Keith Higginson, pp. 8044-8239;

Mr. Higginson, admitted as an expert in water resources engineering, testified for the Tribes regarding currently irrigated and practicably or potentially irrigable and irrigated land held in Indian fee. His testimony included acreage and water requirement for these lands.

a. Direct, Tribes, pp. 8044-8095.

b. Cross, Radosevich, pp. 8095-8104.

c. Cross, Wyo., pp. 8105-8233.

d. Redirect, Tribes, pp. 8233-8235.

e. Recross, Wyo., pp. 8235-8237.

43. Examination of Ronald D. Bliesner, pp. 8250-8557;

Mr. Bliesner, admitted as an expert in agricultural engineering, testified for the Tribes regarding engineering costs, water requirements, and water supply for the two future projects claimed in addition to the five projects proposed by the United States.

- a. Direct, Tribes, pp. 8250-8420.
- b. Cross, Radosevich, pp. 8421-8450.
- c. Cross, Wyo., pp. 8452-8557.

44. Examination of Lyman S. Willardson, pp. 8567-8725.

Dr. Willardson, admitted as an expert in agricultural engineering, testified for the Tribes regarding drainage design and engineering on the two additional projects proposed by the Tribes as well as a review of the drainage on the five proposed projects by the United States.

- a. Direct, Tribes, pp. 8567-8630.
- b. Cross, U.S., pp. 8635-8690.
- c. Cross, Radosevich, pp. 8690-8705.
- d. Cross, Wyo., pp. 8706-8712.
- e. Redirect, Tribes, pp. 8713-8720.
- f. Recross, Wyo., pp. 8721-8723.
- g. Recross, Radosevich, pp. 8723-8725.

45. Examination of Jack Keller, pp. 8729-8821.

Dr. Keller, admitted as an expert in agricultural engineering, testified for the Tribes regarding engineering concepts for irrigation development.

- a. Direct, Tribes, pp. 8729-8811.
- b. Cross, Radosevich, pp. 8811-8818.
- c. Cross, Wyo., pp. 8819-8821.

46. Examination of Ronald Cummings, pp. 8840-8988;

Dr. Cummings, admitted as an expert in economics, testified for the Tribes regarding economic feasibility of the two additional projects proposed by the Tribes as well as the conceptual approach to economic feasibility.

- a. Direct, Tribes, pp. 8840-8914.
- b. Cross, Radosevich, pp. 8915-8926.
- c. Cross, U.S., pp. 8926-8932.
- d. Cross, Wyo., pp. 8932-8988.

47. Examination of Ronald Bleisner, pp. 8989-9004;

(refer to No. 43 )

- a. Voir dire, Wyo., pp. 8989-9004.

48. Examination of Ronald Cummings, pp., 9004-9042;

(refer to No. 46 )

- a. Cross, Wyo., pp. 9005-9042.

49. Examination of Omer C. Stewart, pp. 9053-9237.

Dr. Stewart, admitted as an expert in anthropology, testified for the Tribes regarding the history of the Wind River Indian Reservation.



- a. Direct, Tribes, pp. 9053-9200.
- b. Cross, Wyo., pp. 9201-9237.

50. Examination of Leonard Rice, pp. 9360-9511;

Mr. Rice, admitted as an expert in water resources engineering, testified for the State of Wyoming regarding the conceptual analysis of hydrology and water rights modeling.

- a. Direct, Wyo., 9360-9378.
- b. Cross, U.S., pp. 9378-9485.
- c. Cross, Tribes, pp. 9485-9510.
- d. Redirect, Wyo., p. 9511.

51. Examination of Gordon (Jeff) Fassett, pp. 9536-9647;

Mr. Fassett, admitted as an expert in water resource engineering, testified for the State of Wyoming, regarding the water supply, water availability, River Operation studies, municipal, domestic and impact upon State awarded water rights.

- a. Direct, Wyo., pp. 9536-9647.

52. Examination of George Christopulos, pp. 9653-9815.

(refer to No. 21 )

- a. Direct, Wyo., pp. 9663-9712.
  - b. Cross, U.S., pp. 9712-9815.
53. Examination of Gordon (Jeff) Fassett, pp. 9828-9854.  
(refer to No. 51 )
- a. Direct, Wyo., pp. 9824-9854.
54. Examination of George Christopulos, pp. 9858-9999.  
(refer to No. 21 )
- a. Cross, U.S., pp. 9858-9919.
  - b. Cross, Tribes, pp. 9939-9949.
  - c. Cross, Radosevich, pp. 9952-9965.
  - d. Redirect, Wyo., pp. 9966-9979.
  - e. Recross, U.S. pp. 9992-9994.
  - f. Recross, Tribes, pp. 9995-9999.
55. Examination of Gordon (Jeff) Fassett, pp. 10008-10490;  
(refer to No. 51 )

- a. Direct, Wyo., pp. 10008-10071.
- b. Cross, U.S., pp. 10081-10375.
- c. Cross, Radosevich, pp. 10375-10409.
- d. Cross, Rogers, pp. 10411-10439.
- e. Redirect, Wyo., pp. 10444-10490.

56. Examination of James Voeller, pp. 10491-10526.

James Voeller, admitted as an expert in engineering surveying, testified for the State of Wyoming regarding state awarded water rights on the WRIR and the impact of the State of Wyoming's analysis of the reserved rights associated with the Indian reservation on state awarded water rights.

- a. Direct, pp. 10491-10520.
- b. Cross, U.S., 10520-10526.

57. Examination of Clarence Fowkes, pp. 10537-10758.

Mr. Fowkes, admitted as an expert in soil science, testified for the State of Wyoming regarding arable lands in general on the Wind River Indian Reservation. He also testified with respect to the history of drainage problems due to inadequate soil investigations in the Big Horn Basin and Riverton area.

- a. Direct, Wyo., pp. 10537-10651.
- b. Cross, U.S., 10651-10739.
- c. Redirect, Wyo., pp. 10740-10758.

58. Examination of Craig Sommers, pp. 10765-11187;

Mr. Sommers, admitted as an expert in soil science and agronomy, testified for the State of Wyoming regarding arable lands within the claims for future project, Type VIII, Type VII, Indian-owned fee "P", Unadjudicated In-Use and Adjudicated lands.

a. Direct, Wyo., pp. 10765-11028.

b. Cross, Tribes, pp. 11028-11075.

c. Cross, U.S., pp. 11075-11187.

59. Examination of Steven Martin, pp. 11212-11274.

Mr. Martin, admitted as an expert in terrestrial ecology, testified for the State of Wyoming regarding the wildlife claims on the Wind River Indian Reservation.

a. Direct, Wyo., pp. 11212-11253.

b. Cross, U.S., pp. 11253-11274.

60. Wyoming's Intent and Purposes Argument, pp. 11285-11332.

61. Examination of Tom Keith, pp. 11397-11543;

Mr. Keith, admitted as an expert in aesthetics, testified for the State of Wyoming regarding the aesthetic claims on the Wind River Indian Reservation.

- a. Direct, Wyo., pp. 11398-11457.
- b. Cross, U.S., pp. 11483-11528.
- c. Cross, Tribes, pp. 11528-11542.

62. Examination of Gary Watts, pp. 11543-11601;

Mr. Watts, admitted as an expert in natural resource economics, testified for the State of Wyoming regarding economic feasibility of mineral development on the Wind River Indian Reservation.

- a. Direct, Wyo., pp. 11543-11590;
- b. Cross, U.S., pp. 11590-11598
- c. Cross, Tribes, pp. 11598-11600.

63. Examination of Gordon (Jeff) Fassett, pp. 11613-11623;  
(refer to No. 51 )

- a. Direct, Wyo., pp. 11613-11622.

64. Examination of Jack Dozzi, pp. 11624-11716.

Mr. Dozzi, admitted as an expert in aerial photogrammetry, testified for the State of Wyoming regarding the accuracy of hydrographic photos presented during the testimony of Ron Billstein (Exhibits WRIR C-56-136).

- a. Direct, Wyo., pp. 11624-11676.
- b. Cross, U.S., pp. 11677-11703.
- c. Cross, Tribes, pp. 11704-11705.
- d. Redirect, Wyo., pp. 11708-11715.
- e. Recross, Tribes, pp. 11715-11716.

65. Examination of David F. McRobbie, pp. 11737-11817;

Mr. McRobbie, admitted as an expert in surveying, testified for the State of Wyoming regarding measurement of acreages from photographs as compared to on-the-ground surveys.

- a. Direct, Wyo., pp. 11737-11786.
- b. Cross, U.S., pp. 11787-11813.
- c. Cross, Tribes, pp. 11813-11817.

66. Examination of Robert Brogden, pp. 11833-11885;

Mr. Brogden, admitted as an expert in groundwater geology, testified for the State of Wyoming regarding the contradiction within the United States' claims regarding the development of ground water.

- a. Direct, Wyo., pp. 11833-11853.
- b. Cross, U.S., pp. 11854-11855.

67. Examination of Robert Carver, pp. 11886-12128;

Mr. Carver, admitted as an expert in livestock operations, management and economics, testified for the State of Wyoming regarding economic feasibility of livestock operations on the Indian reservation.

- a. Direct, Wyo., pp. 11886-11965.
- b. Cross, U.S., pp. 11965-12109.
- c. Redirect, Wyo., pp. 12109-12124.
- d. Recross, U.S., pp. 12127-12128.

68. Examination of Floyd Bishop, pp. 12130-12276;

Mr. Bishop, admitted as an expert in water resource engineering, testified for the State of Wyoming regarding the general design concept of proposed future projects, and water requirements for Wyoming's evaluation of United States' claimed historic lands and proposed future lands.

- a. Direct, Wyo., pp. 12132-12208.
- b. Cross, U.S., pp. 12209-12265.
- c. Cross, Tribes, pp. 12266-12273.
- d. Redirect, Wyo., pp. 12273-12275.
- e. Recross, U.S., pp. 12275-12276.

69. Examination of Michael Hamel, pp. 12281-12344;

Mr. Hamel, admitted as a lay witness, testified for the State of Wyoming regarding the status of Indian ownership on Indian-owned fee lands claimed by the Tribes.

- a. Direct, Wyo., pp. 12281-12340.
- b. Cross, Tribes, pp. 12340-12344.

70. Examination of Woldezion Mesghinna, pp. 12346-12420;

(refer to No. 26 )

- a. Direct, Wyo., pp. 12346-12412.
- b. Cross, Tribes, pp. 12413-12418.
- c. Redirect, Wyo., pp. 12419-12420.

71. Examination of Craig Sommers, pp. 12421-12510;

(refer to No. 58 )

- a. Direct, Wyo., pp. 12421-12455.
- b. Cross, U.S., pp. 12460-12501.
- c. Cross, Tribes, pp. 12501-12503.
- d. Redirect, Wyo., pp. 12505a-12510.

72. Examination of Charles Raher, pp. 12514-12555;

Dr. Raher, admitted as an expert in dendrochronology and dendrochomatology, testified for the State of Wyoming regarding the feasibility of dendrochronological research relating to a reconstruction of past stream flow in the Wind River Big Horn Basin.

- a. Direct, Wyo., pp. 12514-12542.
- b. Cross, U.S., pp. 12542-12548.
- c. Cross, Radosevich, pp. 12552-12555.



73. Examination of Henry Sostrom, pp. 12567-13130:

Mr. Sostrom, admitted as an expert in construction engineering and design, construction cost estimation and aerial photointerpretation, testified on future project, Type VIII and Type VII lands. He also testified regarding irrigable acres from the engineering standpoint for future projects, Type VIII and Type VII. His testimony includes currently irrigated acres for Unadjudicated In-Use, Indian owned "P" and "I" lands, and Adjudicated lands as well.

- a. Direct, Wyo., pp. 12567-12798.
- b. Cross, Radosevich, pp. 12799-12825.
- c. Cross, Tribes, pp. 12891-12966.
- d. Cross, U.S., pp. 12968-13130.

74. Examination of Paul Wilson, pp. 13078-13248;

Dr. Wilson, admitted as an expert in the field of historical geography, testified for the State of Wyoming, discussing the history of farming and ranching on the Wind River Indian Reservation.

- a. Direct. Wyo., pp. 13178-13238.
- b. Cross, U.S., pp. 13240-13245.
- c. Redirect, Wyo., pp. 13246-13248.

75. Examination of Henry Sostrom, pp. 13249-13688;

(refer to No. 73)

- a. Direct, Wyo., pp. 13249-13442.
- b. Cross, U.S., pp. 13447-13570.
- c. Cross, Tribes, pp. 13570-13627.

- d. Cross, U.S., pp. 13632-13652.
- e. Redirect, Wyo., pp. 13652-13659.
- f. Recross, U.S., pp. 13660-13661.
- g. Redirect, Wyo., pp. 13661-13688.

76. Examination of Floyd Bishop, pp. 13691-13823;

(refer to No. 68 )

- a. Direct, Wyo., pp. 13691-13713.
- b. Cross, U.S., pp. 13714-13803.
- c. Cross, Tribes, pp. 13803-13811.
- d. Redirect, Wyo., pp. 13812-13822.
- e. Recross, U.S., pp. 13822-13823.

### 3. SUMMARY OF WORLAND TRIAL

77. Examination of Delbert McOmie, pp. 13318A-13373A;

Mr. McOmie, Mayor of the City of Lander, Wyoming, was called as a witness for the city and private users. He testified as to the water situation in the city and the impact of the United States' claims on it.

- a. Direct, P.A., pp. 13319A-13366A.
- b. Cross, U.S., pp. 13367A-13371A.
- c. Redirect, P.A., pp. 13371A-13373A.

78. Examination of Robert V. Nunn, pp. 13374A-13408A;

Mr. Nunn, a private consultant in water control for the City of Lander, Wyoming, was called as a witness for the city and private water users. He testified on water use by the city.

- a. Direct, P.A., pp. 13374A-13398A.
- b. Cross, U.S., pp. 13340A-13408A.

79. Examination of Pete Allen, pp. 13410A-13416A;

Mr. Allen, director of Public Works for the City of Lander, Wyoming, was called as a witness by various defendants, and testified on the water use and revenue from the users of municipal water.

- a. Direct, P.A., pp. 13410A-13416A.

80. Examination of Fred W. Heryford, pp. 13416A-13433A;

Mr. Heryford, superintendant of the Wyoming State Training School, was called as a witness for the City of Lander, Wyoming, testifying on water use and the financial situation at the State school.

- a. Direct, P.A., pp. 13417A-13429A.
- b. Cross, U.S., pp. 13430A-13432A.

81. Examination of Walter K. Ellis, pp. 13433A-13441A;

Mr. Ellis is a retired farmer and rancher and was called as a witness for the City of Lander, Wyoming, and private water users. He testified on the impact of the Big Horn Adjudication on his water rights.

a. Direct, P.A., pp. 13433A-13440A.

82. Examination of Tom Reed, pp. 13447A-13470A;

Mr. Reed is a cattle rancher and was called as a witness for the Defendants Riverton and private users. He testified as to water use on his ranch which is within the boundaries of the Wind River Indian Reservation.

a. Direct, P.A., pp. 13447A-13470A.

83. Examination of Bill Hamilton, pp. 13470A-13484A;

Mr. Hamilton is a rancher and was called as a witness for the Defendants Riverton and private users. He testified to the possible effects of the Big Horn Adjudication on his water use.

a. Direct, P.A., pp. 13470A-13481A.

b. Cross, U.S., pp. 13483A-13484A.

84. Examination of Fred Brownlee, pp. 13486A-13512A;

Mr. Brownlee is a loan officer for the Farmers Home Administration in Worland, Wyoming. He appeared as a witness for the City of Lander, and testified as to the effect of the Big Horn Adjudication on farm and ranch loans.

a. Direct, P.A., pp. 13486A-13500A.

b. Cross, U.S., pp. 13501A-13509A.

c. Redirect, P.A., pp. 13509A-13512A.

85. Examination of John Longfellow, pp. 13513A-13526A;

Mr. Longfellow is a farmer on the Wind River Indian Reservation, and appeared on his behalf. He testified on water use and the impacts of the Big Horn Adjudication on his water rights.

a. Direct, P.A., pp. 13514A-13518A.

b. Cross, U.S., pp. 13522A-13526A.

86. Examination of Bill Peterson, pp. 13528A-13577A;

Mr. Peterson is city administrator of Riverton, Wyoming, and appeared as a witness for the city and private users. He testified as to water use by the city.

a. Direct, P.A., pp. 13528A-13577A.

87. Examination of Lowell Lund, pp. 13577A-13628A;

Mr. Lund is a commissioner in LeClair Irrigation District and appeared as a witness for the City of Riverton and private users. He testified as to water use and crop production on the District.

a. Direct, P.A., pp. 13577A-13615A.

b. Cross, U.S., pp. 13615A-13624A.

c. Redirect, P.A., pp. 13625A-13628A.

88. Examination of Jack Long, pp. 13630A-13759A;

Mr. Long is manager of the Midvale Irrigation District and appeared as a witness for various defendants. He testified as to water use on the District.

a. Direct, P.A., pp. 13630A-13727A.

b. Cross, U.S., pp. 13737A-13743A.

c. Redirect, P.A., pp. 13746A-13753A.

d. Recross, U.S., pp. 13754A-13759A.

89. Examination of Gideon Davidson, pp. 13760A-13784A;

Mr. Davidson is a commissioner of the Riverton Valley Irrigation District and was a witness for the City of Riverton and various defendants. He testified on water use and crop production on the district.

a. Direct, P.A., pp. 13760A-13780A.

b. Cross, U.S., pp. 13783A-13784A.

90. Examination of Billy Daniels, pp. 13785A-13805A;

Mr. Daniels is a rancher near Thermopolis, Wyoming, and appeared on behalf of several private water users. He testified on the possible impacts of the Big Horn Adjudication on his water rights.

a. Direct, P.A., pp. 13786A-13802A.

b. Cross, U.S., pp. 13803A-13805A.

91. Examination of Carl Duane Rush, pp. 13808A-13816A;

Mr. Rush is a part-time farmer near Thermopolis and appeared on behalf of several private water users. He testified as to water use on his property.

a. Direct, P.A., pp. 13808A-13813A.

b. Cross, U.S., pp. 13815A-13816A.

92. Examination of Joseph Campbell, pp. 13819A-13833A;

Mr. Campbell is a rancher near Thermopolis, Wyoming, and appeared as a witness on behalf of several private water users. He testified on water use on his ranch.

a. Direct, P.A., pp. 13819A-13833A.

93. Examination of Matt M. Brown, pp. 13837 -13869 ;

Mr. Brown is a rancher near Thermopolis, Wyoming, and appeared as a witness on behalf of several private water users. He testified on water use on his ranch.

- a. Direct, P.A., 13837 -13861 .
- b. Cross, U.S., 13863 - 13868 .
- c. Redirect, P.A. 13868 - 13869 .

94. Examination of Glen W. Yeager, pp. 13870 - 13888 ;

Mr. Yeager is a retired consultant for Holly Sugar, Inc., and testified on behalf of various defendants. He testified on the possible impacts of the Big Horn Adjudication on the sugarbeet business.

- a. Direct, P.A., 13870 - 13881 .
- b. Cross, U.S., 13881 -13887 .

95. Examination of Willard Wilson, pp. 13890 -13928 ;

Mr. Wilson is a rancher, and president of the Owl Creek Irrigation District. He was a witness for various defendants and testified on the possible impacts of the Big Horn Adjudication on water use within the District.

- a. Direct, P.A., 13890 -13917 .
- b. Cross, U.S., 13919 -13928 .

96. Examination of Landis Webber, pp. 13947 -13962 .

Mr. Webber is a rancher near Thermopolis, Wyoming, and appeared on behalf of various defendants. He testified as to the possible effects of the Big Horn Adjudication on his water use.

- a. Direct, P.A., 13848 -13958 .

97. Examination of Daniel S. Healy, pp. 13963 -13976 .

Mr. Healy is a sheep rancher in Worland, Wyoming. He appeared on behalf of various defendants and testified as to the possible effects of the Big Horn Adjudication on ranching.

- a. Direct, P.A., pp. 13964 -13973 .

98. Examination of Blaine Pound, pp. 13976 -13988 .

Mr. Pound is an industrial development representative for the Burlington Northern Railroad Company, and was called as a witness for various defendants, testifying as to the possible effects of the Big Horn Adjudication on the business of the Burlington Northern Railroad.

- a. Direct, P.A., pp. 13977 -13983 .  
b. Cross, U.S., pp. 13983 -13983 .  
c. Direct (resumed), P.A., pp. 13983 -13985 .  
d. Cross, U.S., pp. 13985 - 18987 .  
e. Redirect, P.A., 13988 -13988 .

99. Examination of Donald Lee Becker, pp. 13990 -14015 .

Mr. Becker is the Vice-President, Branch Office Manager for the Federal Land Bank Association of Wyoming, appearing as a witness for various defendants and testifying as to the possible effects of the Big Horn Adjudication on farm and ranch loans.

- a. Direct, P.A., pp. 13990 -14000 .  
b. Cross, U.S., pp. 14001 -14015 .

100. Examination of Glenn Swing, pp. 14016 -14034 .

Mr. Swing is a retired farmer and appeared as a witness for various defendants. He testified on water use and crop production on his land and the possible effects of the Big Horn Adjudication on it.



a. Direct, P.A., pp. 14016 -14033 .

b. Cross, U.A., pp. 14033 -14033 .

101. Examination of Jonothan Davis, pp. 14035 -14051 ;

Mr. Davis is a farmer in Emblem, Wyoming and was a witness for various defendants. He testified as to water use on his farm and the possible effects of the Big Horn Adjudication on his crop production.

a. Direct, P.A., pp. 14035 -14050 .

b. Cross, U.S., p. 14051 .

102. Examination of Donald Schlenker, pp. 14052 -14061 ;

Mr. Schlenker is board member and secretary and treasurer of the Lower Hanover Canal Association and director and chairman of the board of the First National Bank. He appeared as a witness for various defendants and testified both as to water use in the district and the effect of water on loans from First National Bank.

a. Direct, P.A., pp. 14053 - 14058.

103. Examination of Jay Owen Everet, pp. 14065 -14075 ;

Mr. Everet is a board member and secretary/treasurer of the Lower Hanover Canal Associates, and is chairman of the board of the First National Bank. He testified as to the use of water by the association, and water as it affects agricultural loans by the bank.

a. Direct, P.A., pp. 14065 -14075 .

104. Examination of Langford Keith, pp. 14078 -14107 ;

Mr. Keith is rancher in Silver City, New Mexico and an attorney. He appeared on behalf of various defendants and testified as to water use on his ranch and possible effects of Big Horn Adjudication on that water use.

a. Direct, P.A., pp. 14078 - 14092.

b. Cross, U.S., pp. 14093 -14103 .

c. Redirect, P.A., pp. 14106 -14107 .

105. Examination of Edward Shaffer, pp. 14108 -14113 ;

Mr. Shaffer is the manager of the H.D. Ranch and was called as a witness by various defendants to testify as to water use on the ranch.

- a. Direct, P.A., pp. 14108 -14112 .

106. Examination of Maurice Allen, pp. 14114 -14128 ;

Mr. Allen appeared as a witness on behalf of various defendants and testified as to water use on his land near the H. D. Ranch.

- a. Direct, P.A., pp. 14114 -14123 .

- b. Cross, U.S., pp. 14123 -14125 .

107. Examination of Wally Shaffer, pp. 14128 -14144 ;

Mr. Shaffer is County Assessor for Hot Springs County, and appeared on behalf of various defendants, testifying as to the possible effects of the Big Horn Adjudication on tax revenues for the County.

- a. Direct, P.A., pp. 14128 -14140 .

- b. Cross, U.S., pp. 14140 -14142 .

- c. Redirect, P.A., pp. 14143 -14144 .

108. Examination of Lee A. Ballenger, Jr., pp. 14145 -14156 ;

Mr. Ballenger, Jr. is an employee of the Cody Canal Irrigation District and was called as a witness by various defendants. He testified as to the water use by the district.

- a. Direct, P.A., pp. 14145 -14155 .

109. Examination of Hugh Currah, pp. 14156 -14175 ;

Mr. Currah is a ranch manager and owner near Cody, Wyoming and was called as a witness by various defendants to testify as to water use on those ranches.

- a. Direct, P.A., pp. 14156 -14165 .
- b. Cross, U.S., pp. 14167 -14175 .

110. Examination of Bob Hicks, pp. 14176 -14182 ;

Mr. Hicks is manager for Lakeview Irrigation District and was a witness for various defendants. He testified as to water use in that district.

- a. Direct, P.A., pp. 14176 -14180 .

111. Examination of Shirley Ballenger Bales, pp. 14182 -14190 ;

Mrs. Bales is a rancher and appeared as a witness for various defendants. She testified as to water use on her ranch.

- a. Direct, P.A., pp. 14183 -14187 .
- b. Cross, U.S., pp. 14187 -14190 .

112. Examination of Beryle Churchill, pp. 14191 -14218 ;

Mr. Churchill is a rancher on an original homestead on the Shoshone Reclamation Project in Powell and was a witness on behalf of various defendants. He is also an author and testified as to some of his writings on water and agriculture in Powell, Wyoming.

- a. Direct, P.A., pp. 14192 -14207 .
- b. Cross, U.S., pp. 14207 -14207 .

113. Examination of Bruce Murray, pp. 14310 -14331 ;

Bruce Murray lives on an original homestead on the Garland Division Project. He testified as to water use on that original homestead.

- a. Direct, P.A., pp. 14310 -14330 .

114. Examination of Chester Zwemmer, pp. 14332 -14339 ;

Mr. Zwemmer lives on an original homestead on the Deaver Irrigation District Project, and was a witness on behalf of private land owners. He testified as to water use on that homestead. He is secretary/treasurer and member of the board of the Elk Water Users Association. and testified as to water use by the Association.

- a. Direct, P.A., pp. 14332 -14337 .  
b. Cross, U.S., pp. 14337 -14338 .

115. Examination of Burchill Hopkin, pp. 14339 -14349 ;

Mr. Hopkin lives near Powell, Wyoming, and is secretary/treasurer of the Elk Water Users Association. He testified, on behalf of private landowners, as to water uses by the association.

- a. Direct, P.A., pp. 14339 -14343 .  
b. Cross, U.S., pp. 14343 -14345 .  
c. Cross, U.S., pp. 14345 -14347 .

116. Examination of Duane Calvin, pp. 14349 -14372 ;

Mr. Calvin is project manager for the Shoshone-Hart Mountain Irrigation District and was called as a witness on behalf of the private land owners. He testified as to water use on the district.

- a. Direct, P.A., pp. 14349 -14364 .  
b. Cross, U.S., pp. 14367 -14371 .

117. Examination of Eric Loloff, pp. 14372 -14382 ;

Mr. Loloff is manager of the Agricultural Lending Department at the First National Bank of Powell, Wyoming, and was called as a witness on behalf of private land owners. He testified as to the effect of water on agricultural loans through his bank.

a. Direct, P.A., pp. 14372 -14381 .

b. Cross, U.S., pp. 14381 -14382 .

118. Examination of Landis Webber, pp. 14418 -14434 ;

(examination of this witness took place in Cheyenne)

Mr. Webber is a rancher on Red Creek and appeared as a witness for various defendants, testifying as to water rights in connection with his ranch.

a. Direct, P.A., pp. 14418 -14434 .

119. Examination of David Brookshire, pp. 14487-14643;

Mr. Brookshire, admitted as an expert in natural resource economics, testified for the State of Wyoming regarding the feasibility of future projects on the WRIR.

- a. Direct, Wyo., pp. 14487-14538.
- b. Cross, Tribes, pp. 14540-14601.
- c. Cross, U.S., pp. 14602-14643.

120. Examination of James Jacobs, pp. 14662-15060;

Mr. Jacobs, admitted as an expert in agricultural economics, testified for the State of Wyoming regarding the economic analysis on future project, Type VIII and Type VII lands.

- a. Direct, Wyo., pp. 14662-14836.

- b. Cross, U.S., pp. 14837-14991.
- c. Cross, Tribes, pp. 14992-15042.
- d. Cross, U.S., pp. 15056-15059.

121. Examination of Robert E. Bryans, pp. 15060-15126;

Mr. Bryans, admitted as an expert in agricultural lending, testified for the State of Wyoming regarding financial feasibility of future projects on the Wind River Indian Reservation.

- a. Direct, Wyo., pp. 15061-15125.

122. Examination of James Voeller, pp. 15154-15172;

(refer to No. 56 )

- a. Direct, Wyo. pp. 15154-15168.
- b. Cross, U.S., pp. 15168-15169.
- c. Redirect, Wyo., pp. 15169-15170.
- d. Cross, Tribes, pp. 15170-15172.
- e. Cross, U.S., p. 15172

123. Examination of Gordon (Jeff) Fassett, pp. 15177-15238;

(refer to No. 51 )

- a. Direct, Wyo., pp. 15177-15215.

124. Examination of George Christopulos, pp. 15222-15240;

(refer to No. 21 )

a. Direct, Wyo., pp. 15222-15238.

125. Examination of James Arthur Sinning, pp. 15241-15284;

Mr. Sinning, admitted as an expert in fisheries biology, and instream flow methodology, testified for the State of Wyoming regarding in-stream flows claimed by the United States on the major streams within the Wind River Indian Reservation.

a. Direct, Wyo., pp. 15241-15276.

b. Cross, U.S., pp. 15277-15282.

c. Redirect, Wyo., pp. 15283-15284.

d. Recross, U.S., p. 15284.

126. Examination of Douglas Agee, pp. 15301-15424;

Mr. Agee, admitted as an expert in agricultural economics and farm management, testified for the State of Wyoming regarding economic feasibility on future projects on the Wind River Indian Reservation.

a. Direct, Wyo., pp. 15301-15372.

b. Cross, U.S., pp. 15374-15411.

c. Cross, Tribes, pp. 15411-15421.

d. Cross, U.S., pp. 15421-15422.

e. Redirect, Wyo., pp. 15422-15424.



127. Examination of James Voeller, pp. 15425-15551;  
(refer to No. 56)

a. Direct, Wyo., pp. 15425-15551.

128. Examination of Steven Goldfeld, pp. 15471-15587;

Mr. Goldfield was a rebuttal witness for the United States, and was qualified as an expert in economics. He testified as to the discount rate utilized by the United States.

a. Direct, U.S., pp. 15471-15535.

b. Cross, Wyo., pp. 15535-15582.

B. Descriptive Index to Exhibits

1. Boundary and Establishment Dates Trial

United States Exhibits Boundaries and Dates Trial

United States Exhibit WR-1:

1868 Treaty with the Shoshone and Bannock  
establishing the Wind River Indian  
Reservation

(a) Identified:	p. 34	(4/16/80)
(b) Offered:	p. 34	
(c) Admitted:	p. 34	

United States Exhibit WR-2:

Act of Congress of December 24, 1874  
ratifying the agreement with the  
Shoshone for a section of the southern  
part of the reservation.

(a) Identified:	p. 34	(4/15/80)
(b) Offered:	p. 34	
(c) Admitted:	p. 34	

United States Exhibit WR-3:

Act of Congress of June 7, 1897  
confirming the agreement regarding  
Thermopolis.

(a) Identified:	p. 34	(4/15/80)
(b) Offered:	p. 34	
(c) Admitted:	p. 34	

United States Exhibit WR-4:

Letter of June 11, 1910 from Sherman  
Coolidge to the Commissioner of Indian  
Affairs regarding open portion and  
belief that the United States would  
act as Trustee for the Indian.

(a) Identified:	p. 151	(4/16/80)
(b) Offered:	p. 153	
(c) Admitted:	p. 161	

United States Exhibit WR-5:

Bill of complaint of 1912 in the District  
Court of the United States: United States  
v. Wyoming State Board of Control.

(a) Identified:	p. 166	(4/16/80)
(b) Offered:	p. 167	
(c) Not admitted:	p. 172	

United States Exhibit WR-6:

Two letters of correspondence between Commissioner C. J. Rhodes and E. J. Fuller in 1935. Used to show process by which open lands were handled.

(a) Identified:	p. 173	(4/16/80)
(b) Offered:	p. 176	
(c) Admitted:	p. 185	

United States Exhibit WR-7:

Letter of March 7, 1929 from R. P. Haas to Commissioner of Indian Affairs. Illustrates process used for sale of open lands.

(a) Identified:	p. 186	(4/16/80)
(b) Offered:	p. 187	
(c) Admitted:	p. 191	

United States Exhibit WR-8:

Letter of March 29, 1929 from Charles H. Brooks to Rueben Haas. Shows Tribes were receiving annual rental from grazing leases.

(a) Identified:	p. 194	(4/16/80)
(b) Offered:	p. 196	
(c) Admitted:	p. 199	

United States Exhibit WR-9:

Letter of June 12, 1914 from E. P. Merritt to the Honorable C. O. Lobeck. Reveals statistics as to amounts of land sold, money obtained and land remaining on open portion of reservation.

(a) Identified:	p. 199	(4/16/80)
(b) Offered:	p. 202	
(c) Admitted:	p. 203	

United States Exhibit WR-10:

Act of 1916 authorizing Secretary of the Interior to lease the 1905 lands for mineral development.

(a) Identified:	p. 139	(4/16/80)
(b) Offered:	p. 139	
(c) Admitted:	p. 148	

United States Exhibit WR-13:

Letter of June 21, 1923 from Charles Burke to Rueben Haas. Shows disposition of coal lands on reservation.

(a) Identified:	p. 204	(4/16/80)
(b) Offered:	p. 205	
(c) Admitted:	p. 207	

United States Exhibit WR-14:

Letter of March 8, 1923 from Superintendent R. P. Haas to Commissioner of Indian Affairs. Intended to show continuing tribal interest in open portion of reservation.

(a) Identified:	p. 151	(4/16/80)
(b) Offered:	p. 153	
(c) Admitted:	p. 151	

United States Exhibit WR-15:

Letter of April 14, 1923 from E. B. Merritt to Rueben Haas. Shows accounting for receipts and expenditures for sale of open land.

(a) Identified:	p. 207	(4/16/80)
(b) Offered:	p. 209	
(c) Admitted:	p. 210	

United States Exhibit WR-16:

Letter of June 16, 1914 from members of the Arapahoe Tribe

to the Commissioner for Indian Affairs.

(a) Identified:	P. 151	(4/16/80)
(b) Offered:	P. 153	
(c) Admitted:	p. 161	

United States Exhibit WR-17:

Memorandum of June 15, 1929 prepared by Commissioner of Indian Affairs. Regards grazing on reservation.

(a) Identified:	p. 211	(4/16/80)
(b) Offered:	P. no reference	
(c) Not admitted.	p. 211	

United States Exhibit WR-18:

Letter of 1929 from Charles Brook to O. H. Gibson. Evidence of the government acting as trustee for Indians.

(a) Identified:	p. 213	(4/16/80)
(b) Offered:	P. no reference	
(c) Admitted:	p. 215	

United States Exhibit WR-19:

Memorandum of December 8, 1933 from William Zimmerman, Jr. to Secretary of the Interior. Evidence that Indian title is not extinguished until land is disposed.

(a) Identified:	p. 216	(4/16/80)
(b) Offered:	p. 217	
(c) Admitted:	p. 220	

United States Exhibit WR-20:

Letter of August 10, 1934 from John Collier to Secretary of Interior. The first to Ash-Sheep and is further evidence of undisposed lands

being considered Indian  
property

(a) Identified:	p. 220	(4/16/80)
(b) Offered:	p. 222	
(c) Admitted:	p. 228	
(d) Not admitted:	p. 373	

United States Exhibit WR-21:

Letter of September 18, 1934 from  
John Collier to Martin Overguard.  
Refers to Ash-Sheep and how funds  
were deposited after sale.

(a) Identified:	p. 228	(4/16/80)
(b) Offered:	p. 230	
(c) Admitted:	p. 232	

United States Exhibit WR-22:

Letter of January 28, 1928 from  
Rueben Haas to Commissioner of  
Indian Affairs transmitting a  
grazing permit. Shows government  
acted in open portion in granting  
grazing leases.

(a) Identified:	p. 233	(4/16/80)
(b) Offered:	p. 234	
(c) Admitted:	p. 236	

United States Exhibit WR-23:

Letter of April 22, 1927 from R.  
P. Haas to Commissioner of  
Indian Affairs. Transmittal of  
grazing lease.

(a) Identified:	p. 236	(4/16/80)
(b) Offered:	p. 237	
(c) Admitted:	p. no reference	

United States Exhibit WR-26:

Statement of transactions of treasury showing Class III moneys to and from treasury accounts. Admitted subject to filing of official attestation as to authenticity.

(a) Identified:	p. 291	(4/16/80)
(b) Offered:	p. 292	
(c) Admitted:	p. 294	

United States Exhibit WR-27:

Grazing Lease 405 and transmittal documents, located on ceded portion of the reservation.

(a) Identified:	p. 284	(4/16/80)
(b) Offered:	p. 285	
(c) Admitted:	p. 288	

United States Exhibit WR-28:

Grazing Lease 409 and transmittal documents.

(a) Identified:	p. 290	(4/16/80)
(b) Offered:	p. no reference	
(c) Admitted:	p. 291	

United States Exhibit WR-29:

Abstract of miscellaneous receipts. Lists all receipts received by age during accounting period January to March 31, 1914.

(a) Identified:	p. 296	(4/16/80)
(b) Offered:	p. 298	
(c) Admitted:	p. 300	

United States Exhibit WR-30:

Agent's account current, a statement of all transaction activities during the quarter.

(a) Identified:	p. 300	(4/16/80)
-----------------	--------	-----------

(b) Offered: p. 304  
(c) Admitted: p. 311

United States Exhibit WR-31:

Schedule of receipts and disbursements for third quarter, 1914.

(a) Identified: p. 311a (4/16/80)  
(b) Offered: p. 315  
(c) Admitted: p. 316

United States Exhibit WR-32:

Notice of deposit of funds to the treasury. Introduced to show how to trace funds after their deposit.

(a) Identified: p. 314 (4/16/80)  
(b) Offered: p. 315  
(c) Admitted: p. 316

United States Exhibit WR-33:

Appropriation Warranty No. 35 submitted with Exhibit WR-31.

(a) Identified: p. 313 (4/16/80)  
(b) Offered: p. 315  
(c) Admitted: p. 316

United States Exhibit WR-34:

Group of documents similar to WR-26 through 33. Includes grazing lease No. 390, Lease No. 391, Abstract and miscellaneous receipts, account current, auditor's statement, and notice of deposit of funds, all for fourth quarter, 1914 fiscal year.

(a) Identified: p. 318 (4/16/80)  
(b) Offered: p. 324  
(c) Admitted: p. 327



United States Exhibit WR-35:

Group of documents including leases, abstract of miscellaneous receipts, account current, auditor's statement, and notice of deposit of funds for first quarter, 1915 fiscal year.

(a) Identified:	p. 321	(4/16/80)
(b) Offered:	p. 324	
(c) Admitted:	p. 327	

United States Exhibit WR-36:

Group of documents including grazing leases, abstract of miscellaneous receipts, account current, auditor's statement and notice of deposit of funds all for second quarter, 1915 fiscal year.

(a) Identified:	p. 322	(4/16/80)
(b) Offered:	p. 324	
(c) Admitted:	p. 327	

United States Exhibit WR-37:

Group of documents including abstract of miscellaneous receipts, three vouchers and farm grazing leases, account current, auditor's statement and the notice of deposit of funds all for second quarter, 1916 fiscal year.

(a) Identified:	p. 322	(4/16/80)
(b) Offered:	p. 324	
(c) Admitted:	p. 327	

United States Exhibit WR-38:

Color-coded legend of the leases of the reservation representing the leased areas in evidence and where each lease area is located.

(a) Identified: p. 327 (4/16/80)  
(b) Withdrawn: p. 337

United States Exhibit WR-38A:

Map accompanying WR-38, covering leases for the period 1916 to 1917.

(a) Identified: p. 327 (4/16/80)  
(b) Withdrawn: p. 337

United States Exhibit WR-38B:

Map accompanying WR-38, covering leases for the period 1913 and 1915.

(a) Identified: p. 327 (4/16/80)  
(b) Withdrawn: p. 337

United States Exhibit WR-39:

Restoration Order of October 27, 1948 of certain portions of the ceded land on the reservation not shown on Wyoming Exhibit WR-15.

(a) Identified: p. 363 (4/17/80)  
(b) Offered: p. 365  
(c) Admitted: p. 365

United States Exhibit WR-40:

Restoration Order of August 10, 1934 of formerly owned Indian lands back in tribal ownership.

(a) Identified: p. 368 (4/17/80)  
(b) Offered: p. 369  
(c) Admitted: p. 377

United States Exhibit WR-41:

Restoration Order of April 17,  
1940 of certain portions of  
ceded land on the reservation not  
shown on Wyoming Exhibit WR-10B.

(a) Identified:	p. 365	(4/17/80)
(b) Offered:	p. 366	
(c) Admitted:	p. 367	

United States Exhibit WR-42:

Restoration Order of August 28,  
1942 of certain portions of  
ceded lands on the reservation

(a) Identified:	p. 377	(4/17/80)
(b) Offered:	p. 378	
(c) Admitted:	p. 378	

United States Exhibit WR-43:

Restoration Order of November 12,  
1942 restoring lands to tribal  
ownership.

(a) Identified:	p. 378	(4/17/80)
(b) Offered:	p. 378	
(c) Admitted:	p. 379	

United States Exhibit WR-44:

Restoration Order of February 2,  
1945. Depicted in blue on Wyoming  
Exhibit WR-10, 10A, 10B, and 15  
revived.

(a) Identified:	p. 379	(4/17/80)
(b) Offered:	p. 379	
(c) Admitted:	p. 379	

United States Exhibit WR-45:

Restoration Order of May 29, 1945.

(a) Identified:	p. 380	(4/17/80)
(b) Offered:	p. 380	
(c) Admitted:	p. 381	

Indian Exhibits Boundaries & Dates Trial

Tribes Exhibit M-1:

Map of Wind River Indian Reservation, depicting land held in fee ownership, land held in trust for the Tribes, and land held in trust for individual Indians and held by the United States.

(a) Identified:	p. 69	(7/18/80)
(b) Offered:	P. no	reference
(c) Admitted:	p. 77	

Tribes Exhibit M-2:

Overlay for M-1, showing lands currently held in trust that had once been fee lands.

(a) Identified:	p. 78	(7/18/80)
(b) Offered:	p. 79	
(c) Admitted:	p. 85	

Tribes Exhibit M-3:

Overlay for M-2, showing lands on base map owned in fee on which the Tribes sold mineral interests.

(a) Identified:	p. 88	(7/18/80)
(b) Offered:	p. no	reference
(c) Admitted:	p. 94	

Tribes Folder WR-5, 6, 17, 21:

Package of exhibits introduced for clarification of points raised in April hearings, 1980, as to certain exhibits: These relate to the United States exhibits, WR-6, WR-21, WR-17, WR-18 and WR-5.

(a) Identified: p. 102 (7/18/80)  
(b) Offered: p. 104  
(c) Admitted: p. 113

Tribes Exhibit No. 1:

Certified copy of a letter from  
First Secretary Samuel Adams,  
to the Attorney General dis-  
cussing the Duncan case.

(a) Identified: p. 113 (7/18/80)  
(b) Offered: p. 116  
(c) Admitted: p. 124

Tribes Exhibit No. 2:

The record of the case of United  
States v. Hampleman. This is the  
second Duncan case.

(a) Identified: p. 114 (7/18/80)  
(b) Offered: p. 116  
(c) Admitted: p. 124

Tribes Exhibit No. 3:

A letter from Reeves to Merritt  
of January 16, 1919 regarding the  
proof of treatment by the United  
States on the ceded portions of  
the reservation.

(a) Identified: p. 116, (7/18/80, 7/22/80)  
313  
(b) Offered: p. 116, 313  
(c) Admitted: p. 124, 315

Tribes Exhibit 3-4:

A letter from First Secretary Samuel Adams to the Attorney General discussing the Duncan case.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 315 (7/22/80)  
p. 315  
p. 316

Wyoming Exhibits Boundary and Dates Trial

Wyoming WR-1:

1868 Treaty between the Shoshone and Bannocks. Same as United States Exhibit WR-1.

(a) Identified:	p. 46	(4/15/80)
(b) Offered:	p. 48	
(c) Admitted:	p. 52	

Wyoming WR-2:

Act of Congress of December 24, 1878 ratifying agreement with the Shoshone. Same as United States Exhibit WR-2.

(a) Identified:	p. 46	(4/15/80)
(b) Offered:	p. 48	
(c) Admitted:	p. 52	

Wyoming WR-3:

Act of Congress confirming Thermopolis Agreement. Same as United States Exhibit WR-3.

(a) Identified:	p. 46	(4/15/80)
(b) Offered:	p. 48	
(c) Admitted:	p. 52	

Wyoming WR-4:

Act of Congress of 1905 ratifying agreement between McLaughlin and Arapahoe and Shoshone Tribes ceding certain portions of the reservation.

(a) Identified:	p. 46	(4/15/80)
(b) Offered:	p. 48	
(c) Admitted:	p. 52	

Wyoming WR-5:

Act of Congress of 1939 --  
Restoration Order.

(a) Identified	p. 49	(4/15/80)
(b) Offered:	p. 52	
(c) Admitted:	p. 52	

Wyoming WR-6:

Department of the Interior  
Restoration Order of April  
12, 1944.

(a) Identified:	p. 49	(4/15/80)
(b) Offered:	p. 52	
(c) Admitted:	p. 52	

Wyoming WR-7:

Department of the Interior  
Restoration Order of September  
19, 1944.

(a) Identified:	p. 51	(4/15/80)
(b) Offered:	p. 52	
(c) Admitted:	p. 52	

Wyoming WR-8:

Department of the Interior  
Public Land Order of  
Restoration of July 22, 1972.

(a) Identified:	p. 51	(4/15/80)
(b) Offered:	p. 52	
(c) Admitted:	p. 52	

Wyoming WR-9:

Illustration of dates and  
orders regarding Wind River  
Indian Reservation boundaries.

(a) Identified:	p. 52	(4/15/80)
(b) Not Admitted:	p. 59	



Wyoming WR-10:

Map of reservation depicting original boundary and the present boundary.

(a) Identified:	p. 59	(4/15/80)
(b) Offered:	p. 72	
(c) Admitted:	p. 72	

Wyoming WR-10A:

Overlay of WR-10 showing lands in green which were allegedly ceded.

(a) Identified:	p. 60	(4/15/80)
(b) Offered:	p. 72	
(c) Admitted:	p. 72	

Wyoming WR-10B:

Overlay of WR-10 showing Riverton Project, several restoration boundaries and the Arapahoe Ranch.

(a) Identified:	p. 62	(4/15/80)
(b) Offered:	p. 72	
(c) Admitted:	p. 72	

Wyoming WR-11:

Legal description of the Wind River Indian Reservation lands in the 1868 Treaty less land allegedly ceded March 3, 1905.

(a) Identified:	p. 78	(4/15/80)
(b) Offered:	p. 88	
(c) Admitted:	p. 88 and 91	

Wyoming WR-12:

Legal description of reservation land contained in Secretary Order of August 9, 1944. Taken from WR-6.

(a) Identified:	p. 78	(4/15/80)
(b) Offered:	p. 81	
(c) Admitted:	p. 91	

Wyoming WR-13:

Legal description of reservation lands contained in Secretarial Order of February 4, 1945. Taken from WR-7.

(a) Identified:	p. 79	(4/15/80)
(b) Offered:	p. 81	
(c) Admitted:	p. 91	

Wyoming WR-14:

Legal description of reservation lands contained in Public Land Order of July 23, 1974. Taken from WR-8.

(a) Identified:	p. 80	(4/15/80)
(b) Offered:	p. 81	
(c) Admitted:	p. 91	

Wyoming WR-15:

Composite map which delineates boundary of reservation, restorations of 1944, 1945 and 1974 and the Riverton Project.

(a) Identified:	p. 74	(4/15/80)
(b) Offered:	p. 76	
(c) Admitted:	p. 77	

Wyoming WR-9 (revised); WR-10 (revised); WR-10A (revised); WR-10B (revised); and WR-15 (revised):

Revisions of WR-9, 10, 10A, 10B, and 15, deleting legal conclusions from the Exhibits.

(a) Identified:	p. 100	(4/16/80)
(b) Offered:	p. 104	
(c) Admitted:	p. 104	

Wyoming WR-9A (revised):

Revised schematic illustrating reservation restorations.

(a) Identified:	p. 207	(7/21/80)
(b) Offered:	p. 213	
(c) Admitted:	p. 214	

Wyoming WR-10C:

Overlay for WR-10, showing restoration orders reflected on Exhibits WR-18A through 18G.

(a) Identified:	p. 214	(7/21/80)
(b) Offered:	p. 215	
(c) Admitted:	p. 218	

Wyoming WR-15A:

Composite map showing 7 additional restorations.

(a) Identified:	p. 219	(7/21/80)
(b) Offered:	p. 219	
(c) Admitted:	p. 221	

Wyoming WR-15B:

Consolidated legal description of land contained in reservation by priority date.

(a) Identified:	p. 250	(7/22/80)
(b) Offered:	p. 250	
(c) Not admitted:	p. 254	

Wyoming WR-16:

Plat map of Wind River Indian Reservation, used during voir dire of Mr. Penman of United States Exhibit WR-38, 38A and 38B. Same as Attachment B of United

States Statement of Claims.

(a) Identified: p. 331 (4/21/80)  
(b) Not offered: p. 333

Wyoming WR-17:

Resume of James E. Voeller,  
engineering surveyor, testifying  
as to the boundaries and dates  
of establishment of the reserva-  
tion.

(a) Identified: p. 44 (4/15/80)  
(b) Offered: p. 44  
(c) Admitted: p. 44

Wyoming WR-18A:

Restoration Order of August  
28, 1942.

(a) Identified: p. 204 (7/21/80)  
(b) Offered: p. 204  
(c) Admitted: p. 206

Wyoming WR-18B:

Restoration Order of November 12,  
1942.

(a) Identified: p. 204 (7/21/80)  
(b) Offered: p. 204  
(c) Admitted: p. 206

Wyoming WR-18C:

Restoration Order of April 26,  
1943.

(a) Identified: p. 204 (7/21/80)  
(b) Offered: p. 204  
(c) Admitted: p. 206

Wyoming WR-18D:

Restoration Order of June 1,  
1943.

(a) Identified:	p. 204	(7/21/80)
(b) Offered:	p. 204	
(c) Admitted:	p. 206	

Wyoming WR-18E:

Restoration Order of May 29,  
1945.

(a) Identified:	p. 204	(7/21/80)
(b) Offered:	p. 204	
(c) Admitted:	p. 206	

Wyoming WR-18F:

Restoration Order of October 27,  
1948:

(a) Identified:	p. 204	(7/21/80)
(b) Offered:	p. 204	
(c) Admitted:	p. 206	

Wyoming WR-18G:

Public Law 284, Act of Congress,  
August 15, 1953.

(a) Identified:	p. 204	(7/21/80)
(b) Offered:	p. 204	
(c) Admitted:	p. 206	

Wyoming WR-19A through  
WR-19G:

Legal descriptions for lands  
covered in Restoration Orders  
contained in Wyoming Exhibits  
WR-18A through 18G.

(a) Identified:	p. 243	(7/22/80)
(b) Offered:	p. 244	
(c) Admitted:	p. 249	

Wyoming WR-20, WR-20A, WR-20B:

Exhibits identical to United States Exhibit WR-38, WR-38A and WR-38B, which show leased areas on the reservation of evidence and where each lease area is located.

(a) Identified:	p. 346	(4/17/80)
(b) Not offered:	p. 350	

Wyoming WR-20, WR-20.6582 through WR-20.3220:

Certified applications filed on behalf of the Indians between the period of 1905 and 1915. WR-20 is a cover certificate listing by permit numbers the various applications contained in Exhibit 20.6582 through 20.3220.

(a) Identified:	p. 180	(7/21/80)
(b) Offered:	p. 180	
(c) Admitted:	p. 182	

Wyoming WR-20.1432E, WR-20.7371, WR-20.7372, WR-20.7373:

Certified copies of permit applications. Permits were raised by United States in cross-examination regarding the application for water on the reservation.

(a) Identified:	p. 308	(7/22/80)
(b) Offered:	p. 310	
(c) Admitted:	p. 311	

Wyoming WR-22B;

Map diagram showing cumulative progression of land for which permits were applied.

(a) Identified:	p. 193	(7/21/80)
(b) Offered:	p. 194	
(c) Admitted:	p. 196	

Wyoming WR-22C:

Bar graph indicating water right applications filed on behalf of the Indians for the period 1895 to 1915.

(a) Identified:	p. 187	(7/21/80)
(b) Offered:	p. 187	
(c) Admitted:	p. 188	

Wyoming WR-22E:

Color-coded map showing general location of lands claimed by 109 permits listed in Exhibit WR-20.

(a) Identified:	p. 188	(7/21/80)
(b) Offered:	p. 189	
(c) Admitted:	p. 193	

Wyoming WR-30.1914-8:

Letter dated December 7, 1914 to the President of the Senate from Franklin K. Lane, Secretary of the Interior, discussing the Hampleman case.

(a) Identified:	p. 317	(7/28/80)
(b) Offered:	p. 317	
(c) Admitted:	p. 317	

Wyoming WR-32-8:

Map of Wyoming dated 1892 prepared by the Department of the Interior Land Office. Used to show the boundaries as perceived by the public.

(a) Identified:	p. 198	(7/21/80)
(b) Offered:	p. 198	
(c) Admitted:	p. 202	

Wyoming WR-32-9:

Map of Wyoming dated 1897 prepared by the Department of the Interior Land Office. Used to show that diminution of reservation lands resulting from the McLaughlin Agreement.

(a) Identified:	p. 198	(7/21/80)
(b) Offered:	p. 198	
(c) Admitted:	p. 202	

Wyoming WR-32-10:

Map of Wyoming dated 1907 prepared by the Department of the Interior Land Office. Shows the boundaries of the diminished portion of the reservation.

(a) Identified:	p. 199	(7/21/80)
(b) Offered:	p. 199	
(c) Admitted:	p. 202	

Wyoming WR-32-11:

Map of Wyoming dated 1938, prepared by the State Planning Board. Used to show the boundary depicted as the reservation diminished.

(a) Identified:	p. 199	(7/21/80)
(b) Offered:	p. 199	
(c) Admitted:	p. 202	

Wyoming WR-32-12:

Map of Wyoming dated 1912, prepared by the Department of Interior Land Office. Shows the boundaries of the reservation as it is being diminished.

(a) Identified:	p. 199	(7/21/80)
(b) Offered:	p. 199	
(c) Admitted:	p. 202	



Wyoming WR-32-13:

Map of Wyoming dated 1932, State Road Map. Also shows the boundaries as the reservation is being diminished.

(a) Identified:	p. 199	(7/21/80)
(b) Offered:	p. 199	
(c) Admitted:	p. 202	

Wyoming WR-32-14:

Map of Wyoming dated 1933, State Road Map. Also shows boundaries as the reservation is being diminished.

(a) Identified:	p. 199	(7/21/80)
(b) Offered:	p. 199	
(c) Admitted:	p. 202	

Wyoming WR-32-15:

Map of Wyoming dated 1923, prepared by the Department of Interior Land Office. Used to show the reservation boundaries as it is diminished.

(a) Identified:	p. 312	(7/21/80 )
(b) Offered:	p. 312	
(c) Admitted:	p. 312	

Wyoming 31.1904-2:

Certified copy of transcripts and minutes from 1904 negotiations which led to the 1905 agreement.

(a) Identified:	p. 140	(7/21/80)
(b) Offered:	p. 158	
(c) Admitted:	p. 159	

Wyoming WR 33.3D:

Presidential proclamation of June 2, 1906 opening certain ceded lands.

(a) Identified:	p. 148	(7/21/80)
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(b) Offered: p. 158  
(c) Admitted: p. 159

Wyoming WR-33.14:

Act of Congress of 1953, regards  
payment to the Tribes for 1905  
lands and in particular the  
Riverton Reclamation Project.

(a) Identified: p. 136 (7/21/80)  
(b) Offered: p. 138  
(c) Admitted: p. 138

Wyoming WR-33.8:

Copy of the Carey Act Statutes,  
used for cross-examination re:  
administration of open land.

(a) Identified: p. 133 (7/21/80)  
(b) Offered: p. 134  
(c) Admitted: p. 134

2. Wind River Indian Reservation Trial

United States Exhibit WRIR C-1:

Wind River Indian Reservation water development investigation flow chart.

- |                 |                 |  |
|-----------------|-----------------|--|
| (a) Identified: | p. 39           |  |
| (b) Offered:    |                 |  |
| (c) Admitted:   | p. no reference |  |

United States Exhibit WRIR C-2:

Resume of Richard Harbour.

- |                 |       |           |
|-----------------|-------|-----------|
| (a) Identified: | p. 69 | (1/26/81) |
| (b) Offered:    | p. 69 |           |
| (c) Admitted:   | p. 70 |           |

United States Exhibit WRIR C-3:

Satellite photo of Wind River Indian Reservation by infra-red photography.

- |                 |       |           |
|-----------------|-------|-----------|
| (a) Identified: | p. 76 | (1/26/81) |
| (b) Offered:    | p.    |           |
| (c) Admitted:   | p. 76 |           |

United States Exhibit WRIR C-4:

Map of Wind River Indian Reservation showing different elevations

- |                 |       |           |
|-----------------|-------|-----------|
| (a) Identified: | p. 85 | (1/26/81) |
| (b) Offered:    | p.    |           |
| (c) Admitted:   | p. 89 |           |

United States Exhibit WRIR C-5:

Map of reservation showing federal Indian projects.

- |                 |       |           |
|-----------------|-------|-----------|
| (a) Identified: | p. 89 | (1/26/81) |
| (b) Offered:    | p. 91 |           |
| (c) Admitted:   | p. 94 |           |

United States Exhibit WRIR C-6:

Excerpt from CFR Title 23.

(a) Identified:	p. 106	(1/26/81)
(b) Offered:	p. 107	
(c) Admitted:	p. 107	

United States Exhibit WRIR C-7:

Map of reservation outline aesthetic areas claimed by the United States.

(a) Identified:	p. 110	(1/26/81)
(b) Offered:	p. 112	
(c) Admitted:	p. 113	

United States Exhibit WRIR C-8:

Description of projects completed by Dornbush & Company.

(a) Identified:	p. 182	(1/26/81)
(b) Not offered:		

United States Exhibit WRIR C-9:

Summary of two feed rations for 450 pound calves.

(a) Identified:	p. 194	(1/26/81)
(b) Offered:	p. 196	
(c) Admitted:	p. 198	

United States Exhibit WRIR C-10:

Summary of two feed rations for 1,000 pregnant cow in last third of pregnancy.

(a) Identified:	p. 198	(1/26/81)
(b) Offered:	p. 204	
(c) Admitted:	p. 227	

United States Exhibit WRIR C-11:

Summary of two feed rations for 825 pound pregnant heifers in the last three to four months of pregnancy.

(a) Identified:	p. 200	(1/26/81)
(b) Offered:	p. 204	
(c) Admitted:	p. 227	

United States Exhibit WRIR C-12:

Single feed ration of an 1,800 pound bull.

(a) Identified:	p. 203	(1/26/81)
(b) Offered:	p. 204	
(c) Admitted:	p. 227	

United States Exhibit WRIR C-13:

Table showing animal sold, sale weight, price per 100 weight, and other pertinent matters regarding sale.

(a) Identified:	p. 235	(1/26/81)
(b) Offered:	p. 241	
(c) Admitted:	p. 246	

United States Exhibit WRIR C-14:

Winter feed requirement on 250 cow ranch. Tolls taken from WRIR C-9 through 13.

(a) Identified:	p. 272	(1/27/81)
(b) Offered:	p. 274	
(c) Admitted:	p. 278	

United States Exhibit WRIR C-14A:

Livestock range area.

(a) Identified:	p. 286	(1/27/81)
(b) Offered:	p. 287	
(c) Admitted:	p. 290	

United States Exhibit WRIR C-15:

Annual economic cost of livestock enterprise.

(a) Identified:	p. 290	(1/27/81)
(b) Offered:	p. 303	
(c) Admitted:	p. 323, 345	

United States Exhibit WRIR C-15A:

Uncorrected version of WRIR C-15.

(a) Identified:	p. 318	(1/27/81)
(b) Offered:	p.	
(c) Withdrawn:	p. 324, 345	

United States Exhibit WRIR C-16:

Annual net returns to a livestock enterprise -- returns, costs, and returns to operator and labor.

(a) Identified:	p. 345	(1/27/81)
(b) Offered:	p. 347	
(c) Admitted:	p. 357	

United States Exhibit WRIR C-17:

Table of distribution of livestock and livestock water requirements by watershed for the Wind River Indian Reservation.

(a) Identified:	p. 375	(1/27/81)
(b) Offered:	p. 375	
(c) Admitted:	p. 395	

United States Exhibit WRIR C-18:

Table of population, current and projected for reservation.

(a) Identified:	p. 403	(1/27/81)
(b) Offered:	p. 406	
(c) Admitted:	p. 432	

United States Exhibit WRIR C-19:

Map of population on community water systems.

(a) Identified:	p. 433	(1/27/81)
(b) Offered:	p. 434, 435	
(c) Admitted:	p. 436	

United States Exhibit WRIR C-20:

Per capita water use table.

(a) Identified:	p. 438	(1/27/81)
(b) Offered:	p. 439	
(c) Admitted:	p. 457	

United States Exhibit WRIR C-21:

Table of annual water requirements from municipal, domestic and commercial water needs for reservation.

(a) Identified:	p. 458	(1/27/81)
(b) Offered:	p. 461	
(c) Denied: :	p. 463	

United States Exhibit WRIR C-22:

Map of oil reserves and enhanced recovery operations.

(a) Identified:	p. 494	(1/28/81)
(b) Offered:	p. 497	
(c) Admitted:	p. 498, 513	

United States Exhibit WRIR C-23:

Natural reserves and processing map.

(a) Identified:	p. 517	(1/21/81)
(b) Offered:	p. 521	
(c) Admitted:	p. 537	

United States Exhibit WRIR C-24:

Map of coal recovery areas and conversion facilities.

(a) Identified:	p. 550	(1/28/81)
(b) Offered:	p. 557	
(c) Admitted:	p. 566	

United States Exhibit WRIR C-25:

Map of uranium recovery and processing.

(a) Identified:	p. 569	(1/28/81)
(b) Offered:	p. 570	
(c) Admitted:	p. 571	

United States Exhibit WRIR C-26:

Map of phosphate rock recovery and processing.

(a) Identified:	p. 575	(1/28/81)
(b) Offered:	p.	
(c) Admitted:	p. 590	

United States Exhibit WRIR C-27:

Map of gypsum recovery and wall-board manufacturing.

(a) Identified:	p. 586	(1/28/81)
(b) Offered:	p. 587	
(c) Admitted:	p. 592	

United States Exhibit WRIR C-28:

Overall map of mineral deposits and processing.

(a) Identified:	p. 592	(1/28/81)
(b) Offered:	p. 593	
(c) Admitted:	p. 595	

United States Exhibit WRIR C-29:

Table by mineral of development existing and contemplated, includes



anticipated water requirements.

(a) Identified:	p. 596	(1/28/81)
(b) Offered:	p. 597	
(c) Admitted:	p. 608	

United States Exhibit WRIR C-30:

Resume of James Merchant.

(a) Identified:	p. 609	(1/28/81)
(b) Offered:	p. 609	
(c) Admitted:	p. 611	

Wyoming Exhibit in aid of cross-examination of Merchant:

Copy of average prices of cattle and calves at Billings Montana prepared by Gordon Kerl.

(a) Identified:	p. 642	(1/28/81)
(b) Not offered:	p.	

United States Exhibit WRIR C-31:

Qualifications of Oliver S. Page.

(a) Identified:	p. 752	(1/29/81)
(b) Offered:	p. 752	
(c) Admitted:	p. 752	

United States Exhibit WRIR C-31A:

Table of characteristics of rocks and deposits present on reservation.

(a) Identified:	p. 754	(1/29/81)
(b) Offered:	p.	
(c) Admitted:	p. 917	

United States Exhibit WRIR C-32:

Generalized columnar section showing rock formations of reservation.

(a) Identified:	p. 758	(1/29/81)
(b) Offered:	p.	
(c) Admitted:	p. 917	

United States Exhibit WRIR C-33:

Geologic map of Wind River Indian  
Reservation taken from the USGF.

(a) Identified:	p. 758	(1/29/81)
(b) Offered:	p.	
(c) Admitted:	p. 917	

United States Exhibit WRIR C-33A:

Overlay for Exhibit C-33, locating  
community water systems on ground  
water.

(a) Identified:	p. 804	(1/29/81)
(b) Offered:	p.	
(c) Admitted:	p. 917	

United States Exhibit WRIR C-33B:

Overlay for C-33, locating mineral  
and resource development.

(a) Identified:	p. 809	(1/29/81)
(b) Offered:	p.	
(c) Admitted:	p. 917	

Pls. Exhibit WRIR-GW-1:

Copy of letter from Tribal Councils  
to William Moffat.

(a) Identified:	p. 1011	(1/30/81)
(b) Not offered:	p.	

United States Exhibit WRIR C-34:

Resume of Al Kersich.

(a) Identified:	p. 1114	(2/09/81)
(b) Offered:	p. 1217	
(c) Admitted:	p. 1225	

United States Exhibit WRIR C-35:

Study area land based map.

(a) Identified:	p. 1123	(2/9/81)
(b) Offered:	p. 1123	
(c) Admitted:	p. 1227	

United States Exhibit WRIR C-36:

Table of Land Classification Standards.

(a) Identified:	p. 1133	(2/9/81)
(b) Offered:	p. 1133	
(c) Admitted:	p. 1149, 1230	

Wyo. Exhibit WRIR SK-2:

Copy of deposition exhibit Wyo. 3 Kersich. Land Classification Standards.

(a) Identified:	p. 1138	(2/9/81)
(b) Offered:	p.	
(c) Admitted:	p. 3194	

Wyo. Exhibit WRIR SK-3:

The Toedter Land Classification Standards taken from the Toedter depositions.

(a) Identified:	p. 1142	(2/9/81)
(b) Offered:	p. 1142	
(c) Admitted:	p. 3194	

United States Exhibit WRIR C-37:

Map symbol code.

(a) Identified:	p. 1152	(2/9/81)
(b) Offered:	p. 1152	
(c) Admitted:	p. 1242	

United States Exhibit WRIR C-38:

Soil textural triangle to determine textures.

(a) Identified: p. 1159 (2/9/81)  
(b) Offered: p. 1159  
(c) Admitted: p. 1244

United States Exhibit WRIR C-39:

Composite aerial photograph of a township.

(a) Identified: p. 1159 (2/9/81)  
(b) Offered: p. 1159  
(c) Admitted: p. 1247

United States Exhibit WRIR C-40:

Copy of log of Section 13, T. 4 N.,  
R. 2 W., depicted on Exhibit C-39:

(a) Identified: p. 1160 (2/9/81)  
(b) Offered: p. 1160  
(c) Admitted: p. 1253

United States Exhibit WRIR C-41:

Arable sprinkler lands in selected  
study areas.

(a) Identified: p. 1176 (2/9/81)  
(b) Offered: p. 1176  
(c) Admitted: p. 1259

United States Exhibit WRIR C-42:

Arable gravity lands in selected  
study areas.

(a) Identified: p. 1176 (2/9/81)  
(b) Offered: p. 1217  
(c) Admitted: p. 1259

United States Exhibit WRIR C-43:

Land classification report of  
six study areas.

(a) Identified: p. 1180 (2/9/81)  
(b) Offered: p.  
(c) Admitted: p. 1259

United States Exhibit WRIR C-44:

North Crow Heart Area Study,  
gravity blow up of area on  
Exhibit C-42.

(a) Identified:	p. 1185	(2/9/81)
(b) Offered:	p. 1217	
(c) Admitted:	p. 1259	

United States Exhibit WRIR C-45:

Sprinkler land map of Exhibit  
C-44.

(a) Identified:	p. 1193	(2/9/81)
(b) Offered:	p. 1193	
(c) Admitted:	p. 1259	

United States Exhibit WRIR C-46:

Gravity map of South Crow heart

(a) Identified:	p. 1195	(2/9/81)
(b) Offered:	p. 1195	
(c) Admitted:	p. 1259	

United States Exhibit WRIR C-47:

Sprinkler map of South Crow heart

(a) Identified:	p. 1195	(2/9/81)
(b) Offered:	p. 1195	
(c) Admitted:	p. 1259	

United States Exhibit WRIR C-48:

Gravity map of Big Horn Flats.

(a) Identified:	p. 1196	(2/9/81)
(b) Offered:	p. 1196	
(c) Admitted:	p. 1259	

United States Exhibit WRIR C-49:

Sprinkler map of Big Horn Flats.

(a) Identified:	p. 1196	(2/9/81)
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(b) Offered: p. 1196  
(c) Admitted: p. 1259

United States Exhibit WRIR C-50:

Gravity map of Riverton East.

(a) Identified: p. 1196 (2/9/81)  
(b) Offered: p. 1196  
(c) Admitted: p. 1259

United States Exhibit WRIR C-51:

Sprinkler map of Riverton East.

(a) Identified: p. 1197 (2/9/81)  
(b) Offered: p. 1197  
(c) Admitted: p. 1259

United States Exhibit WRIR C-52:

Sprinkler map for Owl Creek.

(a) Identified: p. 1197 (2/9/81)  
(b) Offered: p. 1197  
(c) Admitted: p. 1259

United States Exhibit WRIR C-53:

Gravity map for Arapahoe.

(a) Identified: p. 1198 (2/9/81)  
(b) Offered: p. 1198  
(c) Admitted: p. 1259

United States Exhibit WRIR C-54:

Sprinkler map for Arapahoe.

(a) Identified: p. 1198 (2/9/81)  
(b) Offered: p. 1198  
(c) Admitted: p. 1259

Wyo. Exhibit WRIR-SK-4:

Copy of portion of 1953 Bureau of  
Reclamation manual.

(a) Identified: p. 1295 (2/9/81)  
(b) Offered: p. 3167  
(c) Admitted: p. 3194

Wyo. Exhibit WRIR SK-5:

Copy of portion of 1980 Bureau  
of Reclamation Manual.

(a) Identified:	p. 1298	(2/9/81)
(b) Offered:	p. 3176	
(c) Admitted:	p. 3194	

Wyo. Exhibit WRIR SK-8:

First two pages of the preliminary  
draft by HKM and Associates  
entitled "Inventory of Water  
Resources" and page v.7 of the  
same report.

(a) Identified:	p. 1310	(2/9/81)
(b) Offered:	p. 3177	
(c) Admitted:	p. 3194	

Wyo. Exhibit WRIR SK-7:

Another set of land classification  
standards regarding the question  
of soil depth to barrier.

(a) Identified:	p. 1418	(2/10/81)
(b) Not Offered:		

Wyo. Exhibit WRIR SK-9:

Page excerpts from 1957, Special  
Report -- Third Division --  
Riverton Project.

(a) Identified:	p. 1557	(2/11/81)
(b) Offered:	p. 3178	
(c) Admitted:	p. 3194	

Wyo. Exhibit WRIR Sk-9A:

1957, Special Report -- Third  
Division -- Riverton Project;  
entire document.

(a) Identified:	p. 1564	(2/11/81)
(b) Offered:	p. 3178	
(c) Admitted:	p. 3194	

Pls. Exhibit WRIR SK-20:

Waples map symbol code taken  
from deposition exhibits.

(a) Identified:	p. 1572	(2/11/81)
(b) Offered:	p. 3182	
(c) Admitted:	p. 3194	

Pls. Exhibit WRIR SK-10A:

United States Bureau of Reclama-  
tion semi-detailed land classi-  
fication map for T.1 S., R. 4 E.

(a) Identified:	p. 1602	(2/11/81)
(b) Offered:	p. 3181	
(c) Admitted:	p. 3194	

Pls. Exhibit WRIR SK-10B:

Bureau of Reclamation map provided  
from deposition exhibits by Al  
Kersich.

(a) Identified:	p. 1608	(2/11/81)
(b) Not Offered:		

Pls. Exhibit WRIR SK-10:

U.S. Bureau of Reclamation Land  
Classification Standards for  
Muddy Ridge in the Big Horn  
District.

(a) Identified:	p. 1812	(2/13/81)
(b) Offered:	p. 3179	
(c) Admitted:	p. 3194	

Pls. Exhibit WRIR SK-30:

U.S. Bureau of Reclamation  
semi-detailed drainage investiga-  
tion map for T. 4 N., R. 1 E.

(a) Identified:	p. 1834	(2/13/81)
(b) Offered:	p. 3183	
(c) Admitted:	p. 3194	



United States Exhibit WRIR C-55A:

Map of Wind River Indian Reservation -- historic land irrigation study.

(a) Identified:	p. 1905	(3/9/81)
(b) Offered:	p. 1989	
(c) Admitted:	p. 2111	

United States Exhibit WRIR C-55A:

Table II -- acres in use by each photo; relates to C-56 through C-136.

(a) Identified:	p. 1939	(3/9/81)
(b) Offered:	p.	
(c) Withdrawn:	p. 1898	

United States Exhibit WRIR C-61:

Aerial photo with overlay showing U.S. Claim areas and their evaluation by aerial photograph.

(a) Identified:	p. 1951	(3/9/81)
(b) Offered:	p.	
(c) Admitted:	p. 2111	

United States Exhibit WRIR C-56:

Historic land use aerial photograph 7-209.

(a) Identified:	p. 1960	(3/9/81)
(b) Offered:	p. 1989	
(c) Admitted:	p. 2111	

United States Exhibit WRIR C-138:

Historic Land Use Study -- Claims for Acres in Use, by Billstein.

(a) Identified:	p. 1962	(3/9/81)
(b) Offered:	p. 1990	
(c) Admitted:	p. 2123	

United States Exhibit WRIR C-137:

Exhibit form of Table I from  
Exhibit C-138 "Acres in Use by  
Location."

(a) Identified:	p. 1963	(3/9/81)
(b) Offered:	p. 1990	
(c) Admitted:	p. 2111	

United States Exhibit WRIR C-55B:

Table II from Exhibit C-138,  
"Acres in Use by Photograph",  
replaces C-55A.

(a) Identified:	p. 1984	(3/9/81)
(b) Offered:	p. 1989	
(c) Admitted:	p. 2111	

United States Exhibit WRIR C-139:

Resume of Ronald A. Billstein.

(a) Identified:	p. 1985	(3/9/81)
(b) Offered:	p. 1990	
(c) Admitted:	p. 2113	

United States Exhibit WRIR C-57  
through 136:

Series of historical land use  
aerial photos showing acres in  
use.

(a) Identified:	p. 1989-	(3/9/81)
	1990	
(b) Offered:	p. 1990	
(c) Admitted:	p. 2111	

Pls. Exhibit WRIR HB-5:

Photogrammetry, pages 70-71.

(a) Identified:	p. 1999	(3/9/81)
(b) Not offered:		

Pls. Exhibit WRIR HB-1:

Document prepared by witness giving a series of random checks for scale accuracy of photos introduced in Exhibit C-57 through C-136.

(a) Identified:	p. 2003	(3/9/81)
(b) Offered:	p. 2743	
(c) Admitted:	p. 2748	

Pls. Exhibit WRIR HB-3:

BLM certified copy of plat map for T. 5 N., R. 5 W.

(a) Identified:	p. 2021	(3/9/81)
(b) Offered:	p. 2744	
(c) Admitted:	p. 2748	

Pls. Exhibit WRIR HB-7:

Copy of BLM records for field notes of same township as in HB-3.

(a) Identified:	p. 2022	(3/9/81)
(b) Offered:	p. 2744	
(c) Admitted:	p. 2748	

Pls. Exhibit WRIR HB-8

Table of irrigation types used for classifications of irrigated lands.

(a) Identified:	p. 2040	(3/9/81)
(b) Offered:	p. 2744	
(c) Admitted:	p. 2748	

Pls. Exhibit WRIR HBC-1

Flow chart showing development of water rights claims by the United States for Wind River Indian Reservation.

- (a) Identified:
- (b) Not offered:

p. 2148 (3/11/81)

Pls. Exhibit WRIR HB-1129  
through HB-1128:

Blue-line copies of overlays  
for previous series of historic  
use aerial photos.

- (a) Identified:
- (b) Not offered:

p. 2153 (3/11/81 thru 3/13/81)  
thru 2436

Pls. Exhibit WRIR HB-2000  
through HB-2013A:

Certified copies of Certifications  
of Appropriations and Supporting  
Documentation.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 2478 (3/16/81 thru 3/17/81)  
thru 2558  
p. 2752  
thru 2675  
p. 2759

Pls. Exhibit WRIR HB-137-9:

Billstein worksheet for LeClair  
Irrigation Project.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 2573 (3/17/81)  
p. 2675  
p. 2677

Pls. Exhibit WRIR HB-137-22:

Billstein worksheet for North  
Fork Little Wind Area.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 2576 (3/17/81)  
p.  
p. 2677

Pls. Exhibit WRIR HB-61:

Computation sheet of totals and percentages of active types of land irrigated prepared by Billstein. Pls. Exhibit WRIR HB-61, HB-137-24, HB-137-20, HB-137-28, HB-137-8, HB-137-10 through HB-137-19, HB-137-21, HB-137-23, HB-137-25 through -27, HB-137-30 through -35.

A series of permit number worksheets of Billstein showing unadjudicated lands in the "in use" tabulations for various streams.

(a) Identified:	p. 2573 (3/17/81)
	thru 2675
(b) Offered:	p. 2675
(c) Admitted:	p. 2677

Pls. Exhibit WRIR HB-55;

1980 water use ledger for trust acres in LeClair Irrigation District.

(a) Identified:	p. 2711 (3/18/81)
(b) Offered:	p. 2748
(c) Admitted:	p. 2752

Pls. Exhibit WRIR HB-50B:

Complete copy, Saunder's field notes, Book B.

(a) Identified:	p. 2715 (3/18/81)
(b) Offered:	p. 2752
(c) Admitted:	p. 2752

Pls. Exhibit HB-50A:

Complete copy, Johnston field notes, Book A.

(a) Identified:	p. 2717 (3/18/81)
(b) Offered:	p. 2752
(c) Admitted:	p. 2752

Pls. Exhibit WRIR HB-32A  
through HB-47A, Pls. Exhibit  
WRIR HB-11A through HB-31A,  
Pls. Exhibit WRIR HB-29A,  
-16A, -15A.

A series of investigative form  
notes, results and planimeter  
sheets for various drainages.

(a) Identified:	p. 2721 (3/18/81) thru 2740
(b) Offered:	p. 2746 thru 2747
(c) Admitted:	p. 2747

Pls. Exhibit WRIR HB-137-11A,  
Pls. Exhibit WRIR HB-137-13A  
through -19A, Pls. Exhibit WRIR  
HB-137-23A through -30A.

Tabulation per stipulation identi-  
fying land types and acres for  
given tracts for various drainages.

(a) Identified:	p. 2762 (3/18/81) thru 2770
(b) Offered:	p. 2772
(c) Admitted:	p. 2772

Pls. Exhibit WRIR HB-12-1, -13-1,  
-16-1, -16-2.

Series of copies of pages from  
planimeter sheets used for identi-  
fication on question of Circle 5  
lands and non-arability determin-  
ation.

(a) Identified:	p. 216 (3/19/81) thru 219
(b) Not offered.	

Pls. Exhibit WRIR HB-62.

Compilation of Circle 5 lands  
included in Exhibit C-37.

(a) Identified:	p. 2826 (3/19/81)
(b) Not offered:	

Pls. Exhibit WRIR HB-63:

Compilation of pages from the several A series exhibits covering Circle 5 lands outside federal irrigation projects.

(a) Identified: p. 2868 (3/19/81)  
(b) Not Offered:

Pls. Exhibit WRIR HB-137-1A through 10A, -12A, -18A, -21A, -32A and -34A.

This is a series of tabulations per stipulation identifying land types and acres for given tracts.

(a) Identified: p. 2829 (3/19/81)  
(b) Offered: thru 2833  
p. 2830  
(c) Admitted: thru 2833  
p. 2833

Pls. Exhibit WRIR HB-26-2 through 26-5 and HB-31-1:

A series of copies of pages from HB-26A for identification purposes only in the use of cross "x".

(a) Identified: p. 2846 (3/19/81)  
(b) Not offered:

Pls. Exhibit WRIR HB-52.

Copy of irrigation facility maps used for study by Billstein.

(a) Identified: p. 2850 (3/19/81)  
(b) Offered: p. 2867  
(c) Admitted: p. 2868

Pls. Exhibit WRIR HB-137-22B:

New copy to replace Pls. Exhibit HB-137-22A.

(a) Identified: p. 2859 (3/19/81)  
(b) Offered: p. 2859  
(c) Admitted: p. 2859

Pls. Exhibit WRIR HB-137-24B:

New copy to replace Pls. Exhibit  
HB-137-24A.

(a) Identified:	p. 2859	(3/19/81)
(b) Offered:	p. 2859	
(c) Admitted:	p. 2859	

Pls. Exhibit WRIR HB-53:

1968 to 1970 Soil Conservation  
Service Photography Maps,  
irrigated land inventory and  
index sheet.

(a) Identified:	p. 2860	(3/19/81)
(b) Offered:	p. 2867	
(c) Admitted:	p. 2868	

Pls. Exhibit WRIR HB-59:

Definition of land types included  
on Soil Conservation Service  
photographs in HB-53.

(a) Identified:	p. 2863	(3/19/81)
(b) Offered:	p. 2867	
(c) Admitted:	p. 2868	

Pls. Exhibit WRIR HB-65:

Copies of telephone conversation  
memorandum compiled by Billstein.

(a) Identified:	p. 2869	(3/19/81)
(b) Offered:	p. 2870	
(c) Admitted:	p. 2870	

Pls. Exhibit WRIRI HB-51:

Copy of telephone conversation  
record between Gurney and Johnston.

(a) Identified:	p. 2869	(3/19/81)
(b) Offered:	p. 2870	
(c) Admitted:	p. 2870	



Pls. Exhibit WRIR HB-80:

Portion of U.S. Answers to  
8th Interrogatories.

(a) Identified: p. 2912 (3/19/81)  
(b) Not offered:

United States Exhibit WRIR C-142:

Tabulation of adjudicated acreage  
deletions.

(a) Identified: p. 2937 (3/19/81)  
(b) Offered: p. 2943  
(c) Admitted: p. 2947

United States Exhibit WRIR C-143:

Fee acre deletions.

(a) Identified: p. 2939 (3/19/81)  
(b) Offered: p. 2943  
(c) Admitted: p. 2971

United States Exhibit WRIR C-144:

Acreage on Exhibit C-137 not shown  
on exhibit.

(a) Identified: p. 2940 (3/19/81)  
(b) Offered: p. 2943  
(c) Admitted: p. 2957

United States Exhibit WRIR C-145:

Acreage listed in exhibits but not  
included in Exhibit C-137.

(a) Identified: p. 2940A (3/19/81)  
(b) Offered: p. 2943  
(c) Admitted: p. 2959

United States Exhibit WRIR C-137A:

"Acres In Use by Location"  
reflecting modifications to the  
original exhibit C-137 from tabu-  
lations listed above.

(a) Identified:	p. 2941	(3/19/81)
(b) Offered:	p. 2943	
(c) Admitted:	p. 2959	

United States Exhibit WRIR C-140:

Table to update corresponding Table  
I in historic use report of  
Billstein.

(a) Identified:	p. 2941A	(3/19/81)
(b) Offered:	p.	
(c) Admitted:	p. 2959	

United States Exhibit WRIR C-141:

Table to update corresponding Table  
II in historic use report of  
Billstein.

(a) Identified:	p. 2941A	(3/19/81)
(b) Offered:	p. 2943	
(c) Admitted:	p. 2959	

United States Exhibit WRIR C-56A  
through C-136A:

Work aerial photographs which repre-  
sent the base of U.S. exhibits WRIR  
C-56 through C-136.

(a) Identified:	p. 2942	(3/19/81)
(b) Offered:	p. 2943	
(c) Admitted:	p. 2971	

United States Exhibit WRIR C-146:

Certified D for Harpoon Cattle  
Company Ranch.

(a) Identified: p. 2955 (3/19/81)  
(b) Offered: p. 2955  
(c) Admitted: p. 2955

Pls. Exhibit WRIR SK-41:

"Summary of Arable Lands by  
Class" taken from study included  
in U.S. Exhibit C-43.

(a) Identified: p. 3068 (4/14/81)  
(b) Offered: p. 3185  
(c) Admitted: p. 3195

Pls. Exhibit WRIR SK-42:

Arable lands by class summary  
chart from page 26 of U.S. Exhibit  
C-43.

(a) Identified: p. 3074 (4/14/81)  
(b) Offered: p. 3185  
(c) Admitted: p. 3195

Pls. Exhibit WRIR SK-40:

Series 510, "Land Classification  
Techniques and Standards Manual."

(a) Identified: p. 3113 (4/14/81)  
(b) Offered: p. 3183  
(c) Admitted: p. 3185

Pls. Exhibit WRIR SK-50:

"HKM & Associates Laboratory  
Procedures, Soils, Chemistry Lab."

(a) Identified: p. 3157 (4/15/81)  
(b) Offered: p. 3183  
(c) Admitted: p. 3195

Pls. Exhibit WRIR SK-51:

Copy of memoranda from Saunders  
to Kersich regarding scale rectifi-  
cation of mosaic photos used by  
Kersich.

(a) Identified: p. 3160 (4/15/81)  
(b) Offered: p. 3184  
(c) Admitted: p. 3195

Pls. Exhibit WRIR SK-53:

Tabulations of acreage within  
the arable land -- basis of  
opinion for Kersich testimony.

(a) Identified: p. 3160 (4/15/81)  
(b) Offered: p. 3184  
(c) Admitted: p. 3195

Pls. Exhibit WRIR SK-52:

Copy of lab report from HKM for  
laboratory studies with soil  
samples.

(a) Identified: p. 3168 (4/15/81)  
(b) Offered: p. 3184  
(c) Admitted: p. 3195

United States Exhibit WRIR C-151:

Chart showing acreage by degree of  
slope within study areas for arable  
lands only.

(a) Identified: p. 3216 (4/15/81)  
(b) Offered: p. 3245  
(c) Admitted: p. 3248

United States Exhibit WRIR C-147A:

1979 soil log and deep hole logs  
drilled by HKM; Book I of Land  
Classification Logs.

(a) Identified: p. 3218 (4/15/81)  
(b) Offered: p. 3226  
(c) Admitted: p. 3248

United States Exhibit WRIR C-147B:

Book II of the 1979 soil logs and  
deep hole logs.

(a) Identified: p. 3218 (4/15/81)  
(b) Offered: p. 3226  
(c) Admitted: p. 3248

United States Exhibit WRIR C-147C:

Drainage logs -- deep holes --  
logs of HKM for holes logged in  
Books I and II (previous exhibits)

(a) Identified: p. 3218 (4/15/81)  
(b) Offered: p. 3226  
(c) Admitted: p. 3248

United States Exhibit WRIR C-148-1  
through C-148-30:

Mosaic aerial photos compiled by  
HKM and used in the preparation of  
the report of Kersich.

(a) Identified: p. 3219 (4/15/81)  
(b) Offered: p.  
(c) Admitted: p. 3248

United States Exhibit WRIR C-150:

Preliminary draft of HKM report,  
phase 2.

(a) Identified: p. 3220 (4/15/81)  
(b) Offered: p. 3226  
(c) Admitted: p. 3248

United States Exhibit WRIR C-157:

The resume of Ross Waples.

(a) Identified: p. 3226 (4/15/81)  
(b) Offered: p. 3226  
(c) Admitted: p. 3248

United States Exhibit WRIR C-36A:

Land Classification Standards

(a) Identified: p. 3296 (4/16/81)  
(b) Offered: p. 3363  
(c) Admitted: p. 3401

United States Exhibit WRIR C-156:

Land Classification Standards for non-project irrigated lands in the historical land analysis.

(a) Identified:	p. 3335	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

United States Exhibit WRIR C-223:

Table VIII, historic arable lands total for project and non-project land.

(a) Identified:	p. 3346	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

United States Exhibit WRIR C-224:

Table IX, historic arable lands, major irrigation products by land classification.

(a) Identified:	p. 3346	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

United States Exhibit WRIR C-224A:

Table XI, historic arable lands, non-project lands by land classification.

(a) Identified:	p. 3346	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

United States Exhibit WRIR C-225:

Table XA, historic arable lands, major irrigation products keyed to said exhibits.

(a) Identified:	p. 3346	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

United States Exhibit WRIR C-158:

Historic arable lands on USDA  
aerial photo 6-379-226.

(a) Identified:	p. 3348	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

United States Exhibit WRIR C-222:

Drainage Code Index number sheets  
keyed to the 158 Series of  
Exhibits.

(a) Identified:	p. 3351	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

United States Exhibit WRIR C-159  
through C-221:

Series of exhibits of historic  
arable lands on USDA aerial photos  
as keyed and indexed by Exhibit  
C-222.

(a) Identified:	p. 3353	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

United States Exhibit WRIR C-226:

Historic Lands Study, land classi-  
fication of project and non-project  
idle lands.

(a) Identified:	p. 3362	(4/16/81)
(b) Offered:	p. 3363	
(c) Admitted:	p. 3401	

Pls. Exhibit WRIR SW-2:

U.S. Department of Interior 1953  
Bureau of Reclamation Manual,  
Vol. 5 "Irrigated Land Use",  
Part II "Land Classification".  
Same as Plaintiff Exhibit WRIR  
SK-4.

(a) Identified: p. 3437 (4/20/81)  
(b) Offered: p.  
(c) Admitted: (same as SK-4)

Pls. Exhibit WRIR SW-30:

Water and power instructions  
Series 110 planning, Part 115,  
Land Resource Investigations.  
Same as Pls. WRIR SK-5.

(a) Identified: p. 3540 (4/20/81)  
(b) Offered: p.  
(c) Admitted: (same as SK-5)

Pls. Exhibit WRIR SW-1:

Inventory of Water Resources,  
Phase 2, Needs and Uses,  
Preliminary Draft. Same as  
Pls. Exhibit WRIR SK-8.

(a) Identified: p. 3547 (4/20/81)  
(b) Offered: p.  
(c) Admitted: (same as SK-8)

Pls. Exhibit WRIR SW-5:

United States Statement of  
Claims, excerpt pages 1 thru  
3, 15.

(a) Identified: p. 3585 (4/20/81)  
(b) Not Offered:

Pls. Exhibit WRIR SW-7:

HKM report of chemical analysis  
of soils, holes 15 and 16,  
tracts 7 through 19x.

(a) Identified: p. 3602 (4/20/81)  
(b) Offered: p. 3684  
(c) Admitted: p. 3686



Pls. Exhibit WRIR SW-8:

Soil Profile Log Record for  
Hole 15, aerial photo 19-256.

(a) Identified:	p. 3603	(4/20/81)
(b) Offered:	p. 3684	
(c) Admitted:	p. 3686	

Pls. Exhibit WRIR SW-9:

Report of Chemical Analysis of  
Soils, Lab. No. W-1493.

(a) Identified:	p. 3605	(4/20/81)
(b) Offered:	p. 3684	
(c) Admitted:	p. 3686	

Pls. Exhibit WRIR SW-6:

Infiltration test report for  
tract 7 through 19x, hole 6.

(a) Identified:	p. 3619	(4/21/81)
(b) Offered:	p. 3684	
(c) Admitted:	p. 3686	

Pls. Exhibit WRIR SW-13:

Excerpt from Glossary of Soils  
Science Terms, published by the  
Soils Science Society of America,  
May, 1970.

(a) Identified:	p. 3654	(4/21/81)
(b) Offered:	p.	
(c) Admitted:	p. 3686	

Pls. Exhibit WRIR SW-12:

Soil profile log for hole 8, photo  
14-179-67, tract 1 through 63x.

(a) Identified:	p. 3669	(4/21/81)
(b) Offered:	p. 3684	
(c) Admitted:	p. 3686	

Pls. Exhibit WRIR SW-14:

Report of Chemical Analysis  
of Soil for tract 1 through  
36x of Exhibit C-188.

(a) Identified:	p. 3673	(4/21/81)
(b) Offered:	p. 3684	
(c) Admitted:	p. 3686	

United States Exhibit WRIR C-228A:

1980 Land Classification Logs  
used for the historic study,  
Vol. I.

(a) Identified:	p. 3690	(4/21/81)
(b) Offered:	p. 3696	
(c) Admitted:	p. 3696	

United States Exhibit WRIR C-228B:

1980 Land Classification Logs,  
Vol. II.

(a) Identified:	p. 3690	(4/21/81)
(b) Offered:	p. 3696	
(c) Admitted:	p. 3696	

United States Exhibit WRIR C-228C:

Drainage logs and permeability  
test data for historic lands study.

(a) Identified:	p. 3690	(4/21/81)
(b) Offered:	p. 3696	
(c) Admitted:	p. 3696	

United States Exhibit WRIR C-227-1  
through WRIR C-227-12:

Aerial photos corresponding to  
Waples field work. Admission  
reserved because photographs were  
not present in the courtroom.

p. 3696 (4/21/81)

United States Exhibit WRIR C-230:

Resume of Robert J. Toedter,  
P.E.

- |                 |         |           |
|-----------------|---------|-----------|
| (a) Identified: | p. 3708 | (4/21/81) |
| (b) Offered:    | p.      |           |
| (c) Admitted:   | p. 3730 |           |

United States Exhibit WRIR C-231:

Map of the North Crowheart study  
unit, future lands program.

- |                 |         |           |
|-----------------|---------|-----------|
| (a) Identified: | p. 3753 | (4/21/81) |
| (b) Offered:    | p.      |           |
| (c) Admitted:   | p. 3890 |           |

United States Exhibit WRIR C-242:

Sketch drawn by Toedter during  
testimony to show steps used by  
him in developing depth to barrier  
and hydraulic conductivity analysis  
for drainage systems.

- |                 |         |           |
|-----------------|---------|-----------|
| (a) Identified: | p. 3756 | (4/21/81) |
| (b) Offered:    | p.      |           |
| (c) Admitted:   | p. 3890 |           |

United States Exhibit WRIR C-241A:

The Wind River Drainage Analysis  
Depth to Barrier and Average Weight  
of the Hydraulic Conductivity,  
Future Lands.

- |                 |         |           |
|-----------------|---------|-----------|
| (a) Identified: | p. 3771 | (4/21/81) |
| (b) Offered:    | p.      |           |
| (c) Admitted:   | p. 3890 |           |

United States Exhibit WRIR C-241B:

The Wind River Drainage Analysis  
Depth to Barrier and Average Weight  
of the Hydraulic Conductivity,  
Historic Lands.

United States Exhibit WRIR C-230:

Resume of Robert J. Toedter,  
P.E.

(a) Identified:	p. 3708	(4/21/81)
(b) Offered:	p.	
(c) Admitted:	p. 3730	

United States Exhibit WRIR C-231:

Map of the North Crowheart study  
unit, future lands program.

(a) Identified:	p. 3753	(4/21/81)
(b) Offered:	p.	
(c) Admitted:	p. 3890	

United States Exhibit WRIR C-242:

Sketch drawn by Toedter during  
testimony to show steps used by  
him in developing depth to barrier  
and hydraulic conductivity analysis  
for drainage systems.

(a) Identified:	p. 3756	(4/21/81)
(b) Offered:	p.	
(c) Admitted:	p. 3890	

United States Exhibit WRIR C-241A:

The Wind River Drainage Analysis  
Depth to Barrier and Average Weight  
of the Hydraulic Conductivity,  
Future Lands.

(a) Identified:	p. 3771	(4/21/81)
(b) Offered:	p.	
(c) Admitted:	p. 3890	

United States Exhibit WRIR C-241B:

The Wind River Drainage Analysis  
Depth to Barrier and Average Weight  
of the Hydraulic Conductivity,  
Historic Lands.

(a) Identified: p. 3771 (4/21/81)  
(b) Offered: p.  
(c) Admitted: p. 3890

United States Exhibit WRIR C-231A:

Work map for analysis of North  
Crowheart Study Unit, Exhibit  
C-231:

(a) Identified: p. 3779 (4/21/81)  
(b) Offered: p. 3998  
(c) Admitted: p. 3890

United States Exhibit WRIR C-232  
through C-240:

Series of maps of study units regarding  
depth to barrier on hydraulic conduc-  
tivity areas of analysis for future  
and historic lands:

(a) Identified: p. 3801 (4/21/81)  
thru 3808  
(b) Offered: p.  
(c) Admitted: p. 3890

Pls. Exhibit WRIR BT-2:

Pages for 1978 Bureau of Reclamation  
Drainage Manual, pages 115 to 118.

(a) Identified: p. 3917 (4/22/81)  
(b) Offered: p. 3961  
(c) Admitted: p. 3973

Pls. Exhibit WRIR BT-3:

Collection of soil profile logs  
used in Exhibit 241B.

(a) Identified: p. 3920 (4/22/81)  
(b) Offered: p. 3961  
(c) Admitted: p. 3973

Pls. Exhibit WRIR BT-4:

Pages from 1978 Bureau of Reclamation Drainage Manual, pages 15 through 23.

(a) Identified:	p. 3921	(4/22/81)
(b) Offered:	p. 3962	
(c) Admitted:	p. 3973	

Pls. Exhibit WRIR BT-11:

Drain spacing curve graphs, analysis printout for North Crowheart for gravity lands.

(a) Identified:	p. 3973	(4/22/81)
(b) Offered:	p. 3962	
(c) Admitted:	p. 3973	

Pls. Exhibit WRIR BT-12:

Drain spacing curve graphs. analysis printout for North Crowheart sprinkler lands, intermittent move system.

(a) Identified:	p. 3937	(4/22/81)
(b) Offered:	p. 3962	
(c) Admitted:	p. 3973	

Pls. Exhibit WRIR BT-10:

1961, Third Division Report to Regional Director, Region 6, Bureau of Reclamation.

(a) Identified:	p. 3995	(4/22/81)
(b) Not offered:		

Pls. Exhibit WRIR BT-10A:

Three pages taken from report referred to in BT-10.

(a) Identified:	p. 3965	(4/22/81)
(b) Offered:	p. 3964	
(c) Admitted:	p. 3973	

United States Exhibit WRIR C-231A  
through 240A:

Series of Toedter work maps for  
analysis on the study units.

(a) Identified:	p. 3983	(4/23/81)
(b) Offered:	p. 3998	
(c) Admitted:	p. 3991	

United States Exhibit WRIR C-244:

Climatic zones of the Wind River  
Indian Reservation.

(a) Identified:	p. 4029	(4/23/81)
(b) Offered:	p. 4041	
(c) Admitted:	p. 4043	

United States Exhibit WRIR C-245:

Conceptual Irrigation Development  
Land Report, drafted by Dr. Mesghinna.

(a) Identified:	p. 4072	(4/24/81)
(b) Offered:	p. 4316-	
	4318	
(c) Admitted:	p. 4324	

United States Exhibit WRIR C-246:

Crop Water Use.

(a) Identified:	p. 4098	(4/23/81)
(b) Offered:	p. 4316	
	thru 4318	
(c) Admitted:	p. 4101	

United States Exhibit WRIR C-247:

Side-roll illustration re: sprinkler design.

(a) Identified:	p. 4312	(4/23/81)
(b) Offered:	p. 4316-	
	4318	
(c) Admitted:	p. 4165	

United States Exhibit WRIR C-248:

Typical irrigation diversion and distribution system.

- (a) Identified: p. 4183 (4/23/81)
- (b) Offered: p. 4316-4318
- (c) Admitted: p. 4241

United States Exhibit WRIR C-249, C-257, C-251, C-259, C-252, C-260, C-258, C-261, C-262, C-263, C-250, C-253, C-254 and C-255:

Series of maps of conceptual irrigation development plans for the study units.

- (a) Identified: p. 3983 (4/23/81 and 4/24/81) thru 4313
- (b) Offered: p. 4316 thru 4318
- (c) Admitted: p. 4101, 4043, 4241 and 4324

United States Exhibit WRIR C-245:

Conceptual Irrigation Development Plan and Irrigation Water Requirements for Wind River Indian Reservation, report of Dr. Mesghinna.

- (a) Identified: p. 4072 (4/24/81)
- (b) Offered: p. 4316 thru 4318
- (c) Admitted: p. 4324

United States Exhibit WRIR C-256:

Subsurface Drain - an illustration by Dr. Mesghinna, taken during testimony

- (a) Identified: p. 4343 (4/24/81)
- (b) Offered: 4316-4318
- (c) Admitted: p. 4276



Wyo. Exhibit WRIR FM-1249  
through FM-1255:

Annotated copies of maps of  
proposed irrigation design for  
the study units.

(a) Identified:	p. 4447	(5/5/81)
(b) Offered:	p. 4448	
(c) Admitted:	p. 4449	

Pls. Exhibit WRIR FM-1249A  
through FM-1255A:

Copies of maps of proposed  
irrigation design, with study  
units showing Class V lands in orange.

(a) Identified:	p. 4451	(5/5/81)
	and 4460	
(b) Offered:	p. 4868	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-1:

Tabulation from Mesghinna's  
notebook of soils classification  
symbols and their respective  
water holding capacities and  
intake rates.

(a) Identified:	p. 4517	(5/5/81)
(b) Offered:	p. 4865	
	thru 4867	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-2:

Computer printout of growing  
season program used by Mesghinna

(a) Identified:	p. 4534	(5/5/81)
(b) Offered:	p. 4865	
	thru 4867	
(c) Admitted:	p. 4456	

Pls. Exhibit WRIR FM-2:

Replacement exhibit; selected pages from FM-2 showing data contained in computer printout.

(a) Identified: p. 4578 (5/5/81)  
(b) Offered:  
(c) Admitted: p. 4872

Pls. Exhibit WRIR FM-3:

Criteria for Selection of Project Study Areas, Wind River Indian Reservation. October 1978 report prepared by HKM.

(a) Identified: p. 4567 (5/5/81)  
(b) Offered: p. 4865  
thru 4867  
(c) Admitted: p. 4872

Pls. Exhibit WRIR FM-4:

BIA plan for completion of Wind River Irrigation Project, June 1968.

(a) Identified: p. 4566 (5/5/81)  
(b) Offered: p. 4865  
thru 4867  
(c) Admitted: p. 4872

Pls. Exhibit WRIR FM-5:

Record of Lander Airport of meteorological data for 1971.

(a) Identified: p. 4592 (5/6/81)  
(b) Offered: p. 4865  
thru 4867  
(c) Admitted: p. 4872

Pls. Exhibit WRIR FM-5A:

Compilation of solar radiation data provided to Mesghinna by HKM.

- (a) Identified: p. 4597 (5/6/81)  
(b) Not offered:

Pls. Exhibit WRIR FM-6:

Record of Land Airport of  
meteorological data for 1972.

- (a) Identified: p. 4605 (5/6/81)  
(b) Offered: p. 4865  
thru 4867  
(c) Admitted: p. 4872

Pls. Exhibit WRIR FM-8:

Pages 64 and 151 from Consumptive  
Use of Water and Irrigation Water  
Requirements. Report of the American  
Society of Civil Engineers.

- (a) Identified: p. 4629 (5/6/81)  
(b) Offered: p. 4865  
to 4867  
(c) Admitted: p. 4872

Pls. Exhibit WRIR FM-9:

Excerpt of Bureau of Reclamation  
Manual -- Canals and Related  
Structures, Chapter 1, Canals and  
Laterals.

- (a) Identified: p. 4672 (5/6/81)  
(b) Offered: p. 4865  
to 4867  
(c) Admitted: p. 4872

Pls. Exhibit WRIR FM-10:

Blue/line copy of HKM hole log,  
Coolege extension, hole 32.

- (a) Identified: p. 4687 (5/6/81)  
(b) Offered: p. 4865  
to 4867  
(c) Admitted: p. 4872

Pls. Exhibit WRIR FM-15:

Blue/line copy of HKM hole log.

(a) Identified:	p. 4701	(5/6/81)
(b) Offered:	p.	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-5A:

Replacement exhibit of percentage of possible sunshine.

(a) Identified:	p. 4847	(5/7/81)
(b) Offered:	p. 4865	
	to 4867	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-100 through FM-129:

Package of deposition exhibits from first deposition of Mesghinna.

(a) Identified:	p. 4847	(5/7/81)
(b) Offered:	p. 4850	
(c) Admitted:	p. 4849	

Pls. Exhibit WRIR FM-200:

Soil log profiles.

(a) Identified:	p. 4853	(5/7/81)
(b) Offered:	p. 4868	
	thru 4869	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-201:

Pump station numbers.

(a) Identified:	p. 4853	(5/7/81)
(b) Offered:	p. 4868	
	thru 4869	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-202:

Pump station summary.

(a) Identified:	p. 4853 (5/7/81)
(b) Offered:	p. 4868 thru 4869
(c) Admitted:	p. 4872

Pls. Exhibit WRIR FM-203:

Canal "ridge" data used by  
Mesghinna to determine maximum  
"Q" data.

(a) Identified:	p. 4854 (5/7/81)
(b) Offered:	p. 4868 thru 4869
(c) Admitted:	p. 4872

Pls. Exhibit WRIR FM-204:

Canal hydraulic properties used  
by Mesghinna in his analysis.

(a) Identified:	p. 4854 (5/7/81)
(b) Offered:	p. 4868 thru 4869
(c) Admitted:	p. 4872

Pls. Exhibit WRIR FM-205:

Private trust historic trust data.

(a) Identified:	p. 4854 (5/7/81)
(b) Withdrawn:	p. 4857

Pls. Exhibit WRIR FM-206:

Historic lands acreages.

(a) Identified:	p. 4855 (5/7/81)
(b) Withdrawn:	p. 4857

Pls. Exhibit WRIR FM-207:

Pipe ratio ranges used by  
Mesghinna.

(a) Identified:	p. 4854	(5/7/81)
(b) Offered:	p. 4868-	
	4869	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-208:

Cost estimates for open drains  
and outlet ditches by unit.

(a) Identified:	p. 4856	(5/7/81)
(b) Offered:	p. 4868-	
	4869	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-209:

Cost estimates for open drains  
and outlet ditches.

(a) Identified:	p. 4856	(5/7/81)
(b) Offered:	p. 4868-	
	4869	
(c) Admitted:	4872	

Pls. Exhibit WRIR FM-210:

Length of each size of drain lines  
used by unit.

(a) Identified:	p. 4857	(5/7/81)
(b) Offered:	p. 4868	
	thru 4869	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-300:

Layout of pipe lines with respect to  
field and pump stations.

(a) Identified:	p. 4858	(5/7/81)
(b) Offered:	p. 4868	
	thru 4869	
(c) Admitted:	p. 4872	

Pls. Exhibit WRIR FM-301:

Exhibit of C-values found in certain handbooks.

(a) Identified:	p. 4858 (5/7/81)
(b) Offered:	p. 4868 thru 4869
(c) Withdrawn:	p. 4859

Pls. Exhibit WRIR FM-400:

Pipe costs for each unit.

(a) Identified:	p. 4859 (5/7/81)
(b) Offered:	p. 4868 thru 4869
(c) Admitted:	p. 4872

Pls. Exhibit WRIR FM-401 through 407:

Series of annotated copies of maps showing pumping plan numbers for the study units.

(a) Identified:	p. 4860 (5/7/81)
(b) Offered:	p. 4868 to 4869
(c) Admitted:	p. 4872

Pls. Exhibit WRIR FM-500:

Copy of information compiled by Mr. Sosberg from telephone conversation with Mesghinna.

(a) Identified:	p. 4861 (5/7/81)
(b) Offered:	p. 4868- 4869
(c) Withdrawn:	p. 4862

Pls. Exhibit WRIR FM-600 through FM-604:

Study unit lands by acre and field.

(a) Identified:	p. 4864 (5/7/81)
(b) Offered:	p. 4868- 4869
(c) Admitted:	p. 4872

United States Exhibit WRIR C-265:

Wind River Indian Reservation land  
classifications for T. 2 N., R. 5 E.

(a) Identified:	p. 4878	(5/7/81)
(b) Offered:	p. 4883	
(c) Admitted:	p. 4885	

United States Exhibit WRIR C-264:

Wind River Indian Reservation land  
classification for T. 2 N., R. 6 E.

(a) Identified:	p. 4878	(5/7/81)
(b) Offered:	p. 4883	
(c) Admitted:	p. 4885	

United States Exhibit WRIR C-266:

Resume of David S. Dornbusch.

(a) Identified:	p. 4907	(5/7/81)
(b) Offered:	p. 5050	
(c) Admitted:	p. 5053	

United States Exhibit WRIR C-267:

Economic feasibility analysis process  
-- irrigated agriculture -- WRIR,  
Wyoming.

(a) Identified:	p. 4938	(5/7/81)
(b) Offered:	p. 5050	
(c) Admitted:	p. 5053	

United States Exhibit WRIR C-268:

Dornbusch's report -- economic  
feasibility of irrigated agriculture  
development.

(a) Identified:	p. 4941	(5/7/81)
(b) Offered:	p. 5050	
(c) Admitted:	p. 5053	



United States Exhibit WRIR C-269:

Irrigated agriculture tables  
content, Table I. Illustrates  
determination of gross returns.

(a) Identified:	p. 4951	(5/7/81)
(b) Offered:	p. 5050	
(c) Admitted:	p. 5053	

United States Exhibit WRIR C-270:

Irrigated agriculture tables  
content, Table II. Determination  
of net return of production costs.

(a) Identified:	p. 4972	(5/8/81)
(b) Offered:	p. 5050	
(c) Admitted:	p. 5053	

United States Exhibit WRIR C-271:

Irrigated agriculture tables  
content, Table III. Determination  
of percent crop distribution and  
weighted average.

(a) Identified:	p. 4995	(5/8/81)
(b) Offered:	p. 5050	
(c) Admitted:	p. 5053	

United States Exhibit WRIR C-272:

Irrigated agriculture tables  
content. Table 4. Determination  
of net benefits.

(a) Identified:	p. 5000	(5/7/81)
(b) Offered:	p. 5050	
(c) Admitted:	p. 5053	

United States Exhibit WRIR C-273:

Irrigated agriculture tables  
content. Table 5. Determination  
of benefit cost ratio.

(a) Identified:	p. 5010	(5/8/81)
(b) Offered:	p. 5050	
(c) Admitted:	p. 5053	

United States Exhibit WRIR C-274:

Graph showing varying discount  
rates and their effect on benefit  
cost ratio for future projects.

(a) Identified:	p. 5102	(5/11/81)
(b) Offered:	p. 5102	
(c) Admitted:	p. 5102	

Pls. Exhibit WRIR ED-12:

Table of crop budgets for project  
areas and Tables 2, 3, 4 and  
5, for 5% discount rate.

(a) Identified:	p. 5103	(5/11/81)
(b) Offered:	p. 5103	
(c) Admitted:	p. 5114	

Pls. Exhibit WRIR ED-13:

Table of crop budgets for project  
areas and Tables 2, 3, 4 and  
5, for the 6% discount rate.

(a) Identified:	p. 5103	(5/11/81)
(b) Offered:	p. 5103	
(c) Admitted:	p. 5114	

Pls. Exhibit WRIR ED-14:

Table of crop budgets for  
project areas in Tables 2,  
3, 4 and 5 for 7-1/8% discount  
rate.

(a) Identified:	p. 5103	(5/11/81)
(b) Offered:	p. 5103	
(c) Admitted:	p. 5114	

United States Exhibit WRIR C-275:

The Choice of a Discount Rate for  
Evaluative Water Resource Projects  
-- Dornbusch paper reflecting his  
research.

(a) Identified:	p. 5115	(5/11/81)
(b) Offered:	p. 5115	
(c) Admitted:	p. 5116	

Pls. Exhibit WRIR ED-7:

Reference Handbook for January 1980,  
published by U.S. Water Resources  
Council.

(a) Identified:	p. 5129	(5/11/81)
(b) Offered:		
(c) Admitted:	p. 6275	

Pls. Exhibit WRIR ED-101:

Diagram drawn by Dornbusch during  
testimony to explain discount rate  
and discounting to its present  
value.

(a) Identified:	p. 5199	(5/11/81)
(b) Offered:		
(c) Admitted:	p. 5199	

United States Exhibit WRIR C-276:

Historic land map -- Stetson.  
Shows project and non-project  
boundaries of land receiving water  
and lands that have received water  
historically. Used for illustration  
during Stetson testimony.

- (a) Identified:
- (b) Not offered.

p. 5224 (5/12/81)

Pls. Exhibit WRIR HS-1:

Copy of Stetson Adjudicated  
Lands by Location on the Wind  
River Indian Location; a river  
system and sub-system.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 5279 (5/12/81)  
p. 5558-  
5564  
p. 5567

Pls. Exhibit WRIR HS-2:

Set of 14 worksheets used by  
Stetson to prepare consumptive  
use requirements for adjudicated  
and unadjudicated trust lands.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 5290 (5/12/81)  
p. 5558  
5564  
p. 5567

Pls. Exhibit WRIR HS-6:

Set of 6 worksheets used by  
Statson to determine Type 7  
net consumptive use.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 5290 (5/12/81)  
p. 5558-  
5564  
p. 5567

Pls. Exhibit WRIR HS-3:

Copy of tabulation and adjudicated  
trust lands showing varying evidence  
testified to by Stetson.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 5290 (5/12/81)  
p. 5558-  
5564  
p. 5567

Pls. Exhibit WRIR HS-4:

Copy of tabulation of Type 7  
land showing varying evidence.  
Annotated during testimony to  
reflect changes.

(a) Identified:	p. 5291	(5/12/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-5:

Copy of tabulation of unadjudicated  
trust land showing varying evidence  
testified to by Stetson.

(a) Identified:	p. 5294	(5/12/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-7:

Cropping data by climatic zone  
used by Stetson from Mesghinna  
for net irrigation requirement  
calculations.

(a) Identified:	p. 5297	(5/12/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-8:

Net irrigation requirement for  
each crop within each climatic  
zone for cropping pattern.  
Work papers of Stetson.

(a) Identified:	p. 5301	(5/12/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-9:

Compilation of Bureau of Reclamation and Bureau of Indian Affairs records used by Stetson for arriving at ac-ft/ac duty of water figures for federal irrigation projects, Midvale and LeClair Irrigation Districts.

(a) Identified:	p. 5325	(5/12/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-10:

Table showing historic average annual irrigated acreage for federal irrigation projects, LeClair and Midvale, used to calculate water duty by Stetson.

(a) Identified:	p. 5327	(5/12/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-11:

Tabulations of Waples used by Stetson to identify Type 7 parcels. Supplements HS-3, HS-4, and HS-5.

(a) Identified:	p. 5342	(5/12/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR GC-92:

Certified copy of Proof No. 14032 for Permit No. 11707, used in cross-examination of Stetson.

(a) Identified:	p. 5401	(5/13/81)
(b) Offered:	p. 5558-	
	5562	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-13:

Set of work maps of historic lands, showing diversion and conveyance facilities.

(a) Identified:	p. 5494	(5/14/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-12:

Cost estimates for Type 7 lands.  
Work papers of Stetson.

(a) Identified:	p. 5495	(5/14/81)
(b) Offered:	p. 5558-	
	5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-14:

Blue lineworkmap for identification of Type 7 lands, Stetson.

(a) Identified:	p. 5498	(5/14/81)
(b) Offered:	p. 5558-5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-14A:

Annotated blue linemaps for identification of Type 7 lands. Used by Stetson and annotated in red and blue to show canals. Type 8 lands shown in orange.

(a) Identified:	p. 5503	(5/14/81)
(b) Offered:	p. 5558-5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-14B:

Copy of blue linemaps for identification of Type 7 lands.

(a) Identified:	p. 5565	(5/14/81)
(b) Offered:	p. 5558-5564	
(c) Admitted:	p. 5567	

Pls. Exhibit WRIR HS-15:

Work papers of Stetson showing  
unit value of various irrigation  
system costs.

(a) Identified:	p. 5519- (5/14/81)
	5524
(b) Offered:	p. 5558-5564
(c) Admitted:	p. 5567

United States Exhibit WRIR C-277:

Report of Dr. Mesghinna on Type  
8 lands and Arapahoe Ranch.

(a) Identified:	p. 5601 (5/14/81)
(b) Offered:	p. 5701
(c) Admitted:	p. 5702

Pls. Exhibit WRIR FM-8A-52:

Blue line copy of Plate 11 --  
Arapahoe Ranch -- Dr. Mesghinna's  
work maps.

(a) Identified:	p. 5621 (5/15/81)
(b) Offered:	p. 5689
(c) Admitted:	p. 5699

Pls. Exhibit WRIR FM-8A-209:

Blue line copy of Plate 13 --  
Subagency and Left Hand units  
-- Dr. Mesghinna's work maps  
for Type 8 lands.

(a) Identified:	p. 5625 (5/15/81)
(b) Not offered:	

Pls. Exhibit WRIR FM-8A-12:

Blue line copy of Plate 12 --  
Johnstown unit.

(a) Identified:	p. 5634 (5/15/81)
(b) Offered:	p. 5689
(c) Admitted:	p. 5699



Pls. Exhibit WRIR FM-8A-13:

Blue line copy of Plate 13 --  
Subagency and Left Hand  
units.

(a) Identified:	p. 5634	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Pls. Exhibit WRIR FM-8A-14:

Blue line copy of Plate 14 --  
Upper Wind unit.

(a) Identified:	p. 5635	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Pls. Exhibit WRIR FM-8A-15:

Blue line copy of Plate 15 --  
Wray and Coolidge units.

(a) Identified:	p. 5635	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Pls. Exhibit WRIR FM-8A-11:

Blue line copy of Plat 11 --  
Arapahoe Ranch unit.

(a) Identified:	p. 5636	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Pls. Exhibit WRIR FM-8A-100:

Acreage tabulation from Dr.  
Mesghinna's work papers for  
8 lands.

(a) Identified:	p. 5643	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-101:

Laterals information from Dr. Mesghinna's work papers for Type 8 lands.

(a) Identified:	p. 5643	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-102:

Tabulation of pipe lengths for subsurface drainage costs from Dr. Mesghinna's work papers for Type 8 lands.

(a) Identified:	p. 5648	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-103:

Work maps from Dr. Mesghinna for Coolege unit showing pipe distribution network and pump stations.

(a) Identified:	p. 5650	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-104:

Tabulation of total dynamic head and other pumping plant calculations from Dr. Mesghinna's work papers, Type VIII lands.

(a) Identified:	p. 5658	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-105:

Certain tabulations for units of total dynamic head and pumping plant calculations.

(a) Identified: p. 5659 (5/15/81)  
(b) Offered: p. 5689  
(c) Admitted: p. 5699

Wyo. Exhibit WRIR FM-8A-200:

Bureau of Reclamation hole log  
for area in the South Crowheart  
unit, hole D-9.

(a) Identified: p. 5673 (5/15/81)  
(b) Not offered.

Wyo. Exhibit WRIR FM-8A-106:

Arapahoe Ranch drainage study --  
Dr. Mesghinna's work papers.

(a) Identified: p. 5694 (5/15/81)  
(b) Offered: p. 5689  
(c) Admitted: p. 5699

Wyo. Exhibit WRIR FM-8A-107:

Arapahoe unit -- summary of Dr.  
Mesghinna's system costs.

(a) Identified: p. 5695 (5/15/81)  
(b) Offered: p. 5689  
(c) Admitted: p. 5699

Wyo. Exhibit WRIR FM-8A-108:

Wray unit -- drainage study  
Dr. Mesghinna's work papers.

(a) Identified: p. 5695 (5/15/81)  
(b) Offered: p. 5689  
(c) Admitted: p. 5699

Wyo. Exhibit WRIR FM-8A-109:

Wray unit -- summary of Dr.  
Mesghinna's systems cost.

(a) Identified: p. 5695 (5/15/81)  
(b) Offered: p. 5689  
(c) Admitted: p. 5699

Wyo. Exhibit WRIR FM-8A-110:

Subagency unit drainage study  
-- Mesghinna work papers.

(a) Identified:	p. 5696	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-111:

Upper Wind River unit -- drainage  
study.

(a) Identified:	p. 5696	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-112:

Johnstown unit -- drainage study  
-- Mesghinna work papers.

(a) Identified:	p. 5696	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-113:

Johnstown summary of Mesghinna's  
system costs.

(a) Identified:	p. 5696	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyo. Exhibit WRIR FM-8A-114:

Upper Wind Unit summary of Dr.  
Mesghinna's system costs.

(a) Identified:	p. 5696	(5/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyoming Exhibit WRIR FM-8A-115:

Suagency unit summary of Dr.  
Mesghinna's system costs.

(a) Identified:	p. 5698	(05/15/81)
(b) Offered:	p. 5689	
(c) Admitted:	p. 5699	

Wyoming Exhibit WRIR FM-8a-116:

Summary of systems cost --  
coolidge unit-type 8 lands.

(a) Identified:	p. 5698	(05/15/81)
(b) Offered:	p. 5698	
(c) Admitted:	p. 5699	

Wyoming Exhibit WRIR FM-8a-117:

Drainage study coolidge unit --  
type 8 lands.

(a) Identified:	p. 5698	(05/15/81)
(b) Offered:	p. 5698	
(c) Admitted:	p. 5699	

PLS Exhibit WRIR FM-8a-118:

Acreage summary of type 8 land.

(a) Identified:	p. 5698	(05/15/81)
(b) Offered:	p. 5698	
(c) Admitted:	p. 5699	

United States Exhibit WRIR C-278:

Analysis of feasibility for type  
7 and type 8 lands.

(a) Identified:	p. 5719	(05/19/81)
(b) Offered:	p.	
(c) Admitted:	p. 5772	

United States Exhibit WRIR C-278a:

Same description of the previous  
entry

(a) Identified:	p. 5770	(05/19/81)
(b) Offered:	p.	
(c) Admitted:	p. 5257	

Wyo. Exhibit WRIR ED-100:

Benefit cost ratio 7 1/8 percent.

(a) Identified:	p. 5778	(5/19/81)
(b) Offered:	p. 6247	through 6260
(c) Admitted:	p. 5275	

Wyo. Exhibit WRIR ED-8:

Doug Agee's report both in 619-R. Cost of producing crops Riverton area.

(a) Identified:	p. 5793	(5/19/81)
(b) Offered:	p. 6247	through 6260
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-30:

Wyoming Crop and Livestock Reporting Service.

(a) Identified:	p. 57779	(5/19/81)
(b) Offered:	p. 6247	through 6260
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-29:

Wyoming Agricultural Statistics compiled by Wyoming Crop and Livestock Reporting Service.

(a) Identified:	p. 5810	(5/19/81)
(b) Offered:	p. 6247	through 6260
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-16:

Dornbush's notes/farmers interviews.

(a) Identified:	p. 5826	(5/19/81)
(b) Offered:	p. 6247	through 6260
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-17:

Plan for the Completion of the  
Wind River Irrigation Project.  
Published by the BIA, June 1967.

(a) Identified:	p. 5839 (5/19/81)
(b) Offered:	p. 6247 through 6260
(c) Admitted:	p. 6275

Wyo. Exhibit WRIR ED-15:

"Criteria for Selection of Project  
Study Areas Wind River Indian  
Reservation".

(a) Identified:	p. 5846 (5/19/81)
(b) Offered:	p. 6247 through 6260
(c) Admitted:	p. 6275

Wyo. Exhibit WRIR ED-51:

Indian Reservation Unemployment  
Rate Table, published by the  
Bureau of Indian Affairs.

(a) Identified:	p. 5910 (5/19/81)
(b) Offered:	p. 6247 through 6260
(c) Admitted:	p. 6275

Wyoming Exhibit WRIR ED-6:

Copy of Federal Register, Friday,  
December 14, 1979, Part 1X.  
Water Resources Council evaluation  
procedures.

(a) Identified:	p.	5911	(05/20/81)
(b) Offered:	p.	6260	
(c) Admitted:	p.	6275	

Wyoming Exhibit WRIR ED-52:

Series of notes taken by Dornbusch  
from interviews regarding employ-  
ment of unemployed Indians.

(a) Identified:	p.	5942	(05/20/81)
(b) Offered:	p.	6260	
(c) Admitted:	p.	6275	

Wyoming Exhibit WRIR ED-3:

Copy of Federal Register, Monday,  
September 29, 1980, Part II. Water  
Resources Council principles and  
standards.

(a) Identified:	p.	5982	(05/20/81)
(b) Offered:	p.	6260	
(c) Admitted:	p.	6275	

Wyoming Exhibit WRIR ED-53:

Diagram drawn by Dornbusch during  
testimony to illustrate regional  
economic development accounts.

(a) Identified:	p.	6011	(05/20/81)
(b) Offered:	p.	6260	
(c) Admitted:	p.	6275	



Wyo. Exhibit WRIR ED-10:

News release of U.S. Water  
Resource Council. Sets  
discount rate at 7-1/8%

(a) Identified:	p. 6054	(5/20/81)
(b) Offered:	p. 6260	
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-11:

Excerpt of Federal Register  
publication published under  
Upper Colorado Commission,  
October 17, 1980.

(a) Identified:	p. 6057	(5/20/81)
(b) Offered:	p. 6260	
(c) Withdrawn:	p. 6014	

Wyo. Exhibit WRIR ED-26:

Natural Resource Economics,  
Issues, Analysis, and Policies  
article by Charles W. Howe  
re: discount rates.

(a) Identified:	p. 6076	(5/20/81)
(b) Offered:	p. 6260	
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-25:

Benefit/Cost Analysis for  
Water System Planning, Charles  
W. Howe, 1979.

(a) Identified:	p. 6077	(5/20/81)
(b) Offered:	p. 6247-6260	
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-21:

U.S. Water Resources Council,  
options for the discount interest  
rate, November 1979.

(a) Identified:	p. 6079	(5/20/81)
(b) Offered:	p. 6247-6260	
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-11A:

Excerpt of Federal Register,  
October 22, 1980.

- |                 |                   |
|-----------------|-------------------|
| (a) Identified: | p. 6104 (5/21/81) |
| (b) Offered:    | p. 6247-6260      |
| (c) Admitted:   | p. 6275           |

Wyo. Exhibit WRIR ED-54:

Investment cost comparisons  
from Stetson Engineering, Type  
VIII lands.

- |                 |                   |
|-----------------|-------------------|
| (a) Identified: | p. 6120 (5/21/81) |
| (b) Offered:    | p. 6247-6260      |
| (c) Admitted:   | p. 6275           |

Wyo. Exhibit WRIR ED-55:

Construction cost schedules used  
by Dornbusch for future project  
areas.

- |                 |                   |
|-----------------|-------------------|
| (a) Identified: | p. 6130 (5/21/81) |
| (b) Offered:    | p. 6247-6260      |
| (c) Admitted:   | p. 6275           |

Wyo. Exhibit WRIR ED-56:

Dornbusch notes regarding labor  
costs relative to operation  
maintenance and repair on projects  
for future areas.

- |                 |                   |
|-----------------|-------------------|
| (a) Identified: | p. 6153 (5/21/81) |
| (b) Offered:    | p. 6247-6260      |
| (c) Admitted:   | p. 6275           |

Wyo. Exhibit WRIR ED-22:

Primer for Policy Analysis,  
Stokie and Zekhauser.

- |                 |                   |
|-----------------|-------------------|
| (a) Identified: | p. 6207 (5/21/81) |
| (b) Offered:    | p. 6247-6260      |
| (c) Admitted:   | p. 6275           |

Wyo. Exhibit WRIR ED-28:

Book excerpts; Public Investment:  
The Rate of Return.

(a) Identified:	p. 6209	(5/21/81)
(b) Offered:	p. 6247-6260	
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-24:

Wall Street Journal, November 13,  
1980 -- McCracken, article of  
economic policies.

(a) Identified:	p. 6229	(5/21/81)
(b) Offered:	p. 6247-6260	
(c) Admitted:	p. 6275	

Wyo. Exhibit WRIR ED-23:

Fortune Magazine excerpt, "Tax  
Strategy to Renew the Economy"

(a) Identified:	p. 6231	(5/21/81)
(b) Offered:	p. 6247-6269	
(c) Admitted:	p. 6275	

United States Exhibit WRIR C-279:

Resume of David A. Vogel.

(a) Identified:	p. 6329	(6/2/81)
(b) Not offered:		
(c) Admitted:	p. 6335	

United States Exhibit WRIR C-280:

Vogel report -- instream flow  
recommendations for fishery  
resources in the major rivers and  
streams on the Wind River Indian  
Reservation.

(a) Identified:	p. 6337	(6/2/81)
(b) Offered:	p. 6554	
(c) Admitted:	p. 6553	

United States Exhibit WRIR C-281:

Instream flow claims for fisheries  
-- WRIR.

- |                 |         |          |
|-----------------|---------|----------|
| (a) Identified: | p. 6361 | (6/2/81) |
| (b) Offered:    | p. 6552 |          |
| (c) Admitted:   | p. 6553 |          |

United States Exhibit WRIR C-282:

Example -- top use schematic of  
study cite.

- |                 |         |          |
|-----------------|---------|----------|
| (a) Identified: | p. 6337 | (6/2/81) |
| (b) Offered:    | p. 6552 |          |
| (c) Admitted:   | p. 6553 |          |

United States Exhibit WRIR C-283:

Cross-sectional profile of a hypo-  
thetical transect.

- |                 |         |          |
|-----------------|---------|----------|
| (a) Identified: | p. 6378 | (6/2/81) |
| (b) Offered:    | p. 6552 |          |
| (c) Admitted:   | p. 6553 |          |

United States Exhibit WRIR C-284:

Graph of WUA v. flow for reach  
between Bull Lake Creek and diversion  
dam for rainbow trout.

- |                 |         |          |
|-----------------|---------|----------|
| (a) Identified: | p. 6447 | (6/2/81) |
| (b) Offered:    | p. 6552 |          |
| (c) Admitted:   | p. 6553 |          |

United States Exhibit WRIR C-285:

Hand sketched outline of Vogel's  
testimony.

- |                 |         |          |
|-----------------|---------|----------|
| (a) Identified: | p. 6512 | (6/3/81) |
| (b) Offered:    | p. 6552 |          |
| (c) Admitted:   | p. 6553 |          |

United States Exhibit WRIR C-286:

Schematic drawn by Vogel illustrating computer program used in analysis.

(a) Identified:	p. 6555	(6/3/81)
(b) Offered:	p. 6555	
(c) Admitted:	p. 6555	

Wyo. Exhibit WRIR-Fish-1:

Slide presentation of fish and wild-life service of instream flow groups, incremental approach to instream flows.

(a) Identified:	p. 6558	(6/3/81)
(b) Offered:	p. 6879-6882	
(c) Admitted:	p. 6895	

Wyo. Exhibit WRIR-Fish-1A:

Guide to slide presentation of Fish-1.

(a) Identified:	p. 6593	(6/3/81)
(b) Offered:	p. 6879-6882	
(c) Admitted:	p. 6895	

Wyo. Exhibit WRIR-Fish-2:

Page 22 of principles of Fishery Science, Everhart and Young.

(a) Identified:	p. 6608	(6/3/81)
(b) Offered:	p. 6879-6882	
(c) Admitted:	p. 6895	

Wyo. Exhibit WRIR-Fish-200 through Fish-202:

These three exhibits are the summarized results of the Vogel creel surveys for 1978, 1979 and 1980.

(a) Identified:	p. 6644	(6/3/81)
(b) Offered:	p. 6879-6882	
(c) Admitted:	p. 6895	

Wyo. Exhibit WRIR-Fish-30:

Computer program listing of IFG  
2 and IFG 4 programs.

(a) Identified: p. 6702 (6/4/81)  
(b) Not offered.

Wyo. Exhibit WRIR-Fish-31:

Handwritten notes from Vogel's  
files regarding computer commands.

(a) Identified: p. 6717 (6/4/81)  
(b) Offered: p. 6879-6882  
(c) Admitted: p. 6895

Wyo. Exhibit WRIR-Fish-32:

PROCFIL; a User's Guide for Utilizing  
PHABSIM Program.

(a) Identified: p. 6717 (6/4/81)  
(b) Offered: p. 6879-6882  
(c) Admitted: p. 6895

Wyo. Exhibit WRIR-Fish-45:

Illustration of slide 45 from  
IFG slide show, Fish-1.

(a) Identified: p. 6719 (6/4/81)  
(b) Offered: p. 6879-6882  
(c) Admitted: p. 6895

Wyo. Exhibit WRIR Fish-4:

Probability of Use Criteria for  
Family Salmonidae. Instream flow  
information paper No. 4, January  
1978.

(a) Identified: p. 6742 (6/4/81)  
(b) Offered: p. 6879-6882  
(c) Admitted: p. 6895

Wyo. Exhibit WRIR Fish-M1A:

Overlay prepared for Tribes  
Exhibit M1, illustrating claim  
reaches and study stretches  
reflected on U.S. Exhibit C-281.

(a) Identified:	p. 6757 (6/4/81)
(b) Offered:	p. 6879-6882
(c) Admitted:	p. 6895

Wyo. Exhibit WRIR Fish-284:

Extension of graph of U.S. Exhibit  
284 extending right side of graph  
to completion of graphs.

(a) Identified:	p. 6770 (6/4/81)
(b) Offered:	p. 6879-6882
(c) Admitted:	p. 6895

Wyo. Exhibit WRIR Fish-50:

Pages 78 & 79, Vogel Report, C-280.

(a) Identified:	p. 6793 (6/4/81)
(b) Offered:	p. 6879-6882
(c) Admitted:	p. 6895

Wyo. Exhibit WRIR Fish-280-77A1:

Pages 204 and 205, Compilation of  
Records of Surface Waters of the  
United States, Part 6-A, Missouri  
River Basin above Sioux City, Iowa,  
1950-1960.

(a) Identified:	p. 6802 (6/4/81)
(b) Offered:	p. 6879-6882
(c) Admitted:	p. 6895

Wyo. Exhibit WRIR Fish-103E:

Computer output of flow v. WUA for  
brown and rainbow trout for Reach  
No. 1

(a) Identified:	p. 6835 (6/4/81)
(b) Offered:	p. 6879-6382
(c) Admitted:	p. 6895

Wyo. Exhibit WRIR Fish-280-24E:

Copy of Figure 7 from Vogel  
report. U.S. Exhibit C-280,  
page 24.

- (a) Identified: p. 6838 (6/4/81)
- (b) Offered: p. 6879-6882
- (c) Admitted: p. 6895

Wyo. Exhibit WRIR Fish-103A,  
103C-1 through 103C-3, 103D,  
103F, 104A, 104C-1, 104C-2,  
104D through 104F, 105A, 105C-1  
through 105C-3, 105D through  
105F, 109A, 109C-1 through 109C-3,  
109D through 109F, 110A, 110C  
through 110F, 111C-1 through 111C-3,  
111D through 111F, 112A, 112C  
through 112F, 113A, 113C through  
113F, 114A-1, 114A-2, 114C through  
114F, 115A, 115C through 115F,  
116A, 116C through 116F, 117A,  
117C through 117F, 118A, 118C  
through 118F, 119A, 119C through  
119F.

A series of exhibits that includes  
copies of Vogel field notes,  
computer coding sheets and computer  
output and computer data files  
for Stream Reach 1 through  
Stream Reach 16, taken in 1979

- (a) Identified: pp. 6848 (6/5/81)
- (b) Offered: thru 6863,
- (c) Admitted: p. 6883-6884  
p. 6895

Wyo. Exhibit WRIR Fish-120:

Substrate coding used in instream  
flow calculations.

- (a) Identified: p. 6863 (6/5/81)
- (b) Offered: p. 6883-6884
- (c) Admitted: p. 6895



Wyo. Exhibit WRIR Fish-131  
through Fish-135:

Series of copies of field  
notes by Vogel for Stream  
Reach Nos. 4 and 5 taken in  
August of 1980; also includes  
computer graphs and coding  
forms.

(a) Identified:	p. 6864 (6/5/81) thru 6866
(b) Offered:	p. 6883-6884
(c) Admitted:	p. 6895

Wyo. Exhibit WRIR Fish-140:

List of curves by reach and  
page number from U.S. Exhibit  
C-20.

(a) Identified:	p. 6866 (6/5/81)
(b) Offered:	p. 6883-6884
(c) Admitted:	p. 6895

United States Exhibit WRIR C-2A:

Full text of Principles of Fishery  
Science,

(a) Identified:	p. 6890 (6/5/81)
(b) Offered:	p. 6883-6884
(c) Admitted:	p. 6895

United States Exhibit WRIR C-Fish-280-77A2:

Page 204 of Compilation of Records of  
Surface Waters of the United States,  
Part 6A, Missouri River Basin above  
Sioux City, Iowa, 1950-1960:

(a) Identified:	p. 6895 (6/5/81)
(b) Offered:	p. 6880
(c) Admitted:	p. 6895

United States Exhibit WRIR C-287:

Typical depletion study -- Watcher  
budget. Toedter diagram to illustrate  
depletion analysis.

(a) Identified: p. 6912 (6/15/81)  
(b) Offered: p. 6992-6993  
(c) Admitted: p. 7004

United States Exhibit WRIR C-288:

Depletion study area map and natural  
flow analysis.

(a) Identified: p. 6914 (6/15/81)  
(b) Offered: p. 6992-6993  
(c) Admitted: p. 7004

United States Exhibit WRIR C-289:

Wind River agricultural depletion  
flow chart.

(a) Identified: p. 6918 (6/15/81)  
(b) Offered: p. 6992-6993  
(c) Admitted: p. 7004

United States Exhibit WRIR C-295-1  
through C-295-31:

Thirty-one hydrograph photos  
showing historic irrigation  
depletion.

(a) Identified: p. 6943 (6/15/81)  
(b) Offered: p. 6992-6993  
(c) Admitted: p. 7004

United States Exhibit WRIR C-293:

Copy of computer printout  
results of depletion analysis.

(a) Identified: p. 6984 (6/15/81)  
(b) Offered: p. 6992-6993  
(c) Admitted: p. 7004

United States Exhibit WRIR C-294:

Systems operation study map showing  
return flow areas.

(a) Identified: p. 7005 (6/15/81)  
(b) Offered: p. 6992-6993  
(c) Not admitted. p. 7007

United States Exhibit WRIR C-296:

Natural flow study groups.

- (a) Identified: p. 7057 (6/16/81)
- (b) Offered: p. 7153-7156
- (c) Admitted: p. 7157

United States Exhibit WRIR C-297:

Stream gauge map -- Wind River Basin, with index of USGS and BIA gauge sites.

- (a) Identified: p. 7057 (6/16/81)
- (c) Offered: p. 7153-7156
- (c) Admitted: p. 7157

United States Exhibit WRIR C-298:

Map of Group B study sites with index of site location.

- (a) Identified: p. 7061 (6/16/81)
- (b) Offered: p. 7153-7156
- (c) Admitted: p. 7157

United States Exhibit WRIR C-300:

Surface water flow chart, natural flow, Wind River Basin.

- (a) Identified: p. 7089 (6/16/81)
- (b) Offered: p. 7153-7156
- (c) Admitted: p. 7157

United States Exhibit WRIR C-299:

Surface water flow chart, historic flow, Wind River Basin.

- (a) Identified: p. 7092 (6/16/81)
- (b) Offered: p. 7153-7156
- (c) Admitted: p. 7157

United States Exhibit WRIR C-301:

Natural flow study, report of  
Keene findings and conclusions.

(a) Identified:	p. 7110	(6/16/81)
(b) Offered:	p. 7153-7156	
(c) Admitted:	p. 7201	

United States Exhibit WRIR C-302:

Supplement to Keene report showing  
monthly streamflows for study  
period, or Group A sites and B-2  
sites.

(a) Identified:	p. 7216	(6/16/81)
(b) Offered:	p. 7153-7156	
(c) Admitted:	p. 7201	

Wyo. Exhibit WRIR NK-2:

Work paper bar graph of Keene,  
showing annual deviations for  
mean for Bull Lake, near Lenore.

(a) Identified:	p. 7165	(6/18/81)
(b) Offered:	p. 7199-7200	
(c) Admitted:	p. 7201	

Wyo. Exhibit WRIR NK-3:

Monthly distribution flow values  
for B.1 sites.

(a) Identified:	p. 7186	(6/18/81)
(b) Offered:	p. 7199-7200	
(c) Admitted:	p. 7201	

Wyo. Exhibit WRIR NK-4:

Monthly distribution flow values for  
site 16, North Fork, Sage Creek.

(a) Identified:	p. 7186	(6/18/81)
(b) Offered:	p. 7199-7200	
(c) Admitted:	p. 7201	

Wyo. Exhibit WRIR NK-300A  
and NK-300B:

Blue line copies of U.S. Exhibit  
C-300.

(a) Identified:	p. 7191 (6/18/81)
	thru 7192
(b) Offered:	p. 7199-7200
(c) Admitted:	p. 7201

United States Exhibit WRIR C-303-ADG:

Annotated maps of adjudicated lands  
regarding motion to take judicial  
notice.

(a) Identified:	p. 7210 (6/18/81)
(b) Offered:	p.
(c) Admitted:	p. 7213

United States Exhibit WRIR C-304-ADG:

Summary documents of information contained  
in U.S. motion to take judicial notice:

(a) Identified:	p. 7210 (6/18/81)
(b) Offered:	p.
(c) Admitted:	p. 7213

United States Exhibit WRIR C-305:

Systems operations study map.

(a) Identified:	p. 7215 (6/18/81)
(b) Offered:	p. 7409-7412
(c) Admitted:	p. 7427

United States Exhibit WRIR C-306:

Water duty schedule, historic.

(a) Identified:	p. 7240 (6/18/81)
(b) Offered:	p. 7409-7412
(c) Admitted:	p. 7427

United States Exhibit WRIR C-307  
and WRIR C-308:

Control point descriptions for the  
Big Wind River operation study and  
the Little Wind River operation  
study.

- (a) Identified: p. 7237 (6/18/81)  
and 7297
- (b) Offered: p. 7409-7412
- (c) Admitted: p. 7427

United States Exhibit WRIR C-309  
through 311.

Billstein work papers; summary  
tables from drainage systems  
that review recommended fishery  
flows by Vogel.

- (a) Identified: p. 7396 (6/19/81)
- (b) Offered: p. 7409-7412
- (c) Admitted: p. 7427

United States Exhibit WRIR C-312:

Computer printout of Little Wind  
River agriculture study run.

- (a) Identified: p. 7404 (6/19/81)
- (b) Offered: p. 7409-7412
- (c) Admitted: p. 7427

United States Exhibit WRIR C-313:

Computer printout of Big Wind  
River systems study by node number,  
with years of results from 1946  
to 1979.

- (a) Identified: p. 7404 (6/19/81)
- (b) Offered: p. 7409-7412
- (c) Admitted: p. 7427

United States Exhibit WRIR C-314:

Computer printout of the Popo-Agie,  
Little Wind and Big Horn fish  
study by node, 1946 through 1979  
by month.

(a) Identified: p. 7404 (6/19/81)  
(b) Offered: p. 7409-7412  
(c) Admitted: p. 7427

Wyo. Exhibit WRIR C-315:

Results of Little Wind operations  
study by node, 1946 through 1979  
by month.

(a) Identified: p. 7404 (6/19/81)  
(b) Offered: p. 7409-7412  
(c) Admitted: p. 7427

United States Exhibit WRIR C-316:

Control point descriptions by Billstein.

(a) Identified: p. 7428 (6/19/81)  
(b) Offered: p. 7409-7412  
(c) Admitted: p. 7428

Wyo. Exhibit WRIR ED-22A:

Primer for Policy Analysis, Stokie  
and Zekhauser; entire text  
supplementing excerpts introduced  
as Wyo. Exhibit ED-22.

(a) Identified: p. 7443 (6/19/81)  
(b) Offered: p. 7443  
(c) Admitted: p. 7443

Wyo. Exhibit WRIR ED-25A:

Benefit/Cost Analysis for Water  
System Planning, by Howe; entire  
text supplementing excerpt  
introduced as Wyo. Exhibit WRIR-  
ED-25.

(a) Identified: p. 7433 (6/19/81)  
(b) Offered: p. 7443  
(c) Admitted: p. 7443

Wyoming Exhibit WRIR ED-26 A:

Natural Resource Economics, Charles  
W. Howe. Entire text supplement  
introduces Wyoming Exhibit ED-26.

(a) Identified:	p.	7443	(06/19/81)
(b) Offered:	p.	7443	
(c) Admitted:	p.	7443	

Wyoming Exhibit WRIR ED-28 A:

Public Investment: The Return Rate  
and Optimal Fiscal Policy, Darrell  
and Cruz. Entire text supplement  
excerpt introduced as ED-28.

(a) Identified:	p.	7443	(06/19/81)
(b) Offered:	p.	7443	
(c) Admitted:	p.	7443	

Defendant Hanover 1 Big Wind River  
Operation study computer printout.

(a) Identified:	p.	7444	(06/19/81)
(b) Offered:	p.		
(c) Admitted:	p.	7448	

Defendant Hanover 2 Fishery study  
computer printou.

(a) Identified:	p.	7444	(06/19/81)
(b) Offered:	p.		
(c) Admitted:	p.	7448	

Defendant Hanover 3 Little Wind  
River Operation study computer  
printout.

(a) Identified:	p.	7444	(06/19/81)
(b) Offered:	p.		
(c) Admitted:	p.	7448	



Wyoming Exhibit WRIR SC-3 A:

Excerpted pages from Defendant  
Hanover Exhibit 3.

(a) Identified:	p. 7631	(07/09/81)
(b) Offered:	p. 7632	
(c) Admitted:	p. 7663	

Wyoming Exhibit WRIR SC-1:

Water duty schedule for  
futures project.

(a) Identified:	p. 7630	(07/09/81)
(b) Not Offered		

Wyoming Exhibit WRIR SB-2:

Memorandum to Billstein from  
Elwell regarding Wind River  
seepage estimates.

(a) Identified:	p. 7642	(07/09/81)
(b) Offered:	p. 7632	
(b) Admitted:	p. 7663	

United States Exhibit WRIR C-294:

Systems operation study map by  
Billstein.

(a) Identified:	p. 7690	(07/09/81)
(b) Offered:	p. 7690	
(c) Admitted:	p. 7737	

Wyoming Exhibit WRIR RFT-1:

Return flow formula given to  
Billstein by Toedter.

(a) Identified:	p. 7697	(07/09/81)
(b) Offered:	p. 7690	
(c) Admitted:	p. 7737	

Wyoming Exhibit WRIR GS-4:

Copy of the United States amended motion to take traditional notice.

(a) Identified: p. 7770 (07/16/81)  
(b) Not Offered

Wyoming Exhibit WRIR SS-3:

Adjudicated acreage claim on trust lands.

(a) Identified: p. 7774 (07/16/81)  
(b) Not Offered

Wyoming Exhibit WRIR GS-1:

Copy of United States memorandum in support of motion to take judicial notice and for order regarding prima facia in irrigability.

(a) Identified: p. 7777 (07/16/81)  
(b) Not Offered

United States Exhibit WRIR C-317:

Four boxes of data compiling a land index of Wind River Indian Reservation by township and range legal description.

(a) Identified: p. 7842 (07/16/81)  
(b) Offered: p. 7858  
(c) Admitted: p. 7858

United States Exhibit WRIR C-317 A:

Single page from C-317 index.

(a) Identified: p. 7842 (07/16/81)  
(b) Offered: p. 7858  
(c) Admitted: p. 7858

United States Exhibit WRIR C-318:

Documents from Bureau of Indian Affairs regarding land taken for Boysen Reservoir.

(a) Identified:	p.	7862	(07/16/81)
(b) Offered:	p.		
(c) Admitted:	p.	7865	

United States Exhibit WRIR C-319:

Missouri Basin Project ownership map.

(a) Identified:	p.	7869	(07/16/81)
(b) Offered:	p.	7869	
(c) Admitted:	p.	7870	

Tribes Exhibit 4:

Tax roll and ledger accounts from Fremont County Treasurer.

(a) Identified:	p.	8008	(07/16/81)
(b) Offered:	p.		
(c) Admitted:	p.	8030	

Tribes Exhibit 5:

Deeds and other titled documents of public record regarding land on reservation.

(a) Identified:	p.	8008	(07/16/81)
(b) Offered:	p.		
(c) Admitted:	p.	8030	

Tribes Exhibit 7:

Map depicting fee lands owned by Indians on reservation.

(a) Identified:	p.	8018	(07/16/81)
(b) Offered:	p.		
(c) Admitted:	p.	8030	

Tribes Exhibit 6:

Supplements Tribes Exhibit 7.  
Depicts tracts not capable of  
depiction.

(a) Identified:		
(b) Offered:	p. 8014	(07/16/81)
(c) Admitted:	p.	
	p. 8030	

Tribes Exhibit 8:

Report of Higginson -- Indian  
Owned Fee Land -- Wind River Indian  
Reservation, June 26, 1981

(a) Identified:		
(b) Offered:	p. 8055	(07/16/81)
(c) Admitted:	p.	
	p. 8238	

Tribes Exhibit 9:

Replacement pages to Exhibit 8 for  
typographical corrections.

(a) Identified:		
(b) Offered:	p. 8059	(07/27/81)
(c) Admitted:	p.	
	p. 8238	

Tribes Exhibit 10-1 through 10-40 inclusive:

Group of forty hydrographic aerial  
photos used by Higginson of plot fee  
owned land.

(a) Identified:		
(b) Offered:	p. 8062	(07/27/81)
(c) Admitted:	p.	
	p. 8238	

Tribes Exhibit 11:

List of Exhibit Numbers 10-1 through  
10-40 and corresponding photograph  
number for each exhibit.

(a) Identified:		
(b) Offered:	p. 8061	(07/27/81)
(c) Admitted:	p.	
	p. 8238	

Wyoming Exhibit WRIR KH-8:

Blue line print of United States  
Exhibit C-148-12.

(a) Identified:	p.	8160	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

Wyoming Exhibit WRIR KH-9:

Blue line print of United States  
Exhibit C-148-13.

(a) Identified:	p.	8165	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

Wyoming Exhibit WRIR KH-11:

Pages 5 through 7 of HKM's Historic  
Land Study.

(a) Identified:	p.	8166	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

Wyoming Exhibit WRIR KH-5:

Copy of HKM's "Criteria for  
Selection of Project Study" and  
cover letter.

(a) Identified:	p.	8184	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

Wyoming Exhibit WRIR KH-6:

Excerpt from BIA "Plan for Com-  
pletion of Wind River Project Irri-  
gation Project".

(a) Identified:	p.	8185	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

Wyoming Exhibit WRIR KH-10:

Excerpt from soil survey of Riverton area, Wyoming, FCS, 1974.

(a) Identified:	p.	8224	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

Wyoming Exhibit WRIR KH-3:

May, 1980 Department of Interior Water and Power Resources Service Instructions. Series 110 Planning, Part 115.

(a) Identified:	p.	8226	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

Wyoming Exhibit WRIR KH-12:

Copies of interview information sheets of interview notes of Indian fee land owners.

(a) Identified:	p.	8236	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

Wyoming Exhibit WRIR KH-7:

Portion of blue line copy of Bureau of Reclamation study maps for T1N, R4E, NE 1/4, 1964.

(a) Identified:	p.	8154	(07/27/81)
(b) Offered:	p.		
(c) Admitted:	p.	8238	

United States Exhibit WRIR C-317-1 and 317-2:

Updated land index of Wind River Indian Reservation for United States Exhibit 317 Range East and Range West.

(a) Identified:	p.	8248	(07/28/81)
(b) Offered:	p.		
(c) Admitted:	p.	8248	

Tribes Exhibit 12:

Resume of Ronald Bliesner

(a) Identified:	p. 8241	(07/28/81)
(b) Offered:	p. 8260	
(c) Admitted:	p. 8260	

Tribes Exhibit 13:

Irrigation System Design and  
Engineering Review of the Con-  
ceptual Irrigation Development  
Plan for the Wind River Indian  
Reservation.

(a) Identified:	p. 8272	(07/28/81)
(b) Offered:	p. 8416	
(c) Admitted:	p. 8726	

Tribes Exhibit 14:

Estimates of the Effect on Stream  
Flow from Irrigation of Additional  
Trust Lands on Big Horn Flats and  
Stagner Ridge, Wind River Indian  
Reservation.

(a) Identified:	p. 8275	(07/28/81)
(b) Offered:	p. 8418	
(c) Admitted:	p. 8261	

Tribes Exhibit 13-1 and 13-2:

Proposed irrigation project for  
Big Horn Flats unit sheet 1 and 2.

(a) Identified:	p. 8278	(07/28/81)
(b) Offered:	p. 8416	
(c) Admitted:	p. 8561	

Tribes Exhibit 15:

Composite map of Exhibits 13-1 and  
13-2.

(a) Identified:	p. 8279	(07/28/81)
(b) Offered:	p. 8418	
(c) Admitted:	p. 8563	

Tribes Exhibit 16:

Large scale drawing of Figure 2,  
Page 10, Tribes Exhibit 13.

(a) Identified:	p. 8418	(07/28/81)
(b) Offered:	p. 8419	
(c) Admitted:	p. 8563	

Tribes Exhibit 17:

Center pivot operation simulation.

(a) Identified:	p. 8308	(07/28/81)
(b) Offered:	p. 8419	
(c) Admitted:	p. 8563	

Tribes Exhibit 13-4 to 13-10:

Proposed irrigation drainage plan  
for the study unit sheets 1 - 7.

(a) Identified:	p. 8238	(07/28/81)
(b) Offered:	p.	
(c) Admitted:	p. 8727	

(reintroduced with witness Willardson)

Tribes Exhibit 13-3:

Conceptual irrigation development  
plan for Stagner Ridge unit.

(a) Identified:	p. 8342	(07/28/81)
(b) Offered:	p. 8416	
(c) Admitted:	p. 8561	

Tribes Exhibit 18:

Enlarged view of recoverable return  
flow equation found on page 2 of  
Tribes Exhibit 14.

(a) Identified:	p. 8343	(07/28/81)
(b) Offered:	p.	
(c) Admitted:	p. 8563	



Wyoming Exhibit WRIR RB-10 through RB-12:

Series of Exhibits that refers to Bliesner's design of the central pivot sprinkler operation.

- (a) Identified: p. 8495, 8496
- (b) Not Offered 8512 (07/29/81)

Wyoming Exhibit WRIR RB-1:

Computer printout tabulation of mainline specifications for Big Horn Flats.

- (a) Identified: p. 8520 (07/29/81)
- (b) Not Offered

Wyoming Exhibit WRIR RB-5 through RB-8:

Series of redesign by Bliesner of Stetson sprinkler designs for various study units.

- (a) Identified: p. 8522 (07/29/81)
- (b) Not Offered & 8526

Wyoming Exhibit WRIR RB-13:

Computer output from mainline designs for redesign system covering Exhibit RB 4 - RB 8.

- (a) Identified: p. 8526 (07/29/81)
- (b) Not Offered

Wyoming Exhibit WRIR RB-2:

Computer output from pumping plant cost for Big Horn Flats.

- (a) Identified: p. 8540 (07/29/81)
- (b) Not Offered

Wyoming Exhibit WRIR RB-3:

Drainage pipe sizing procedure for  
Wind River Indian Reservation  
irrigation project.

(a) Identified: p. 8549 (07/29/81)  
(b) Not Offered

Wyoming Exhibit WRIR RB-4:

Cost projection for 12" drain  
Wind River Indian Reservation  
project.

(a) Identified: p. 8551 (07/29/81)  
(b) Not Offered

Wyoming Exhibit WRIR RB-14:

Computer output for pumping plant  
costs for Stagner Ridge.

(a) Identified: p. 8551 (07/29/81)  
(b) Not Offered

Tribes Exhibit 19:

Curriculum vita of Lymand Willardson.

(a) Identified: p. 8573 (07/29/81)  
(b) Offered: p.  
(c) Admitted: p. 8574

Tribes Exhibit 20 through 22:

Slides taken of Big Horn Flats  
area.

(a) Identified: p. 8585  
& 8586 (07/29/81)  
(b) Offered: p.  
(c) Admitted: p. 8592

Tribes Exhibit 23:

Resume of Dr. Jack Keller

(a) Identified:	p.	8760	(07/29/81)
(b) Offered:	p.		
(c) Admitted:	p.	8763	

Tribes Exhibit 24:

"A Critical Review of Economic Criteria for Demonstrating Practicably Irrigable Acreage with Application to the Wind River Indian Reservation" by Dr. Cummings.

(a) Identified:	p.	8846	(09/01/81)
(b) Offered:	p.		
(c) Admitted:	p.	9039	

Wyoming Exhibit WRIR EC-1:

Letter to Secretary of Interior dated July 28, 1904 from S. M. Brossius, agent Indian Rights Association.

(a) Identified:	p.	8960	(09/01/81)
(b) Offered:	p.	9039	
(c) Admitted:	p.	9039	

Wyoming Exhibit WRIR EC-2:

Letter to State Engineer dated January 14, 1911 from Charles Lajeunesse.

(a) Identified:	p.	8966	(09/01/81)
(b) Offered:	p.	9039	
(c) Admitted:	p.	9039	

Wyoming Exhibit WRIR EC-3:

Letter to State Engineer dated January 16, 1911 from Charles Lajeunesse.

(a) Identified:	p.	8966	(09/01/81)
(b) Offered:	p.	9039	
(c) Admitted:	p.	9039	

Wyoming Exhibit WRIR EC-4:

Letter dated February 4, 1908 to  
State Engineer from Wadsworth.

(a) Identified:	p.	8967	(09/01/81)
(b) Offered:	p.	9039	
(c) Admitted:	p.	9039	

Tribes Exhibit OCS-1:

Curriculum vita of Dr. Omar Stuart.

(a) Identified:	p.	9062	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9063	

Tribes Exhibit OCS-1 A:

Report of Dr. Stuart

(a) Identified:	p.	9066	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9239	

Tribes Exhibit OCS-24:

Select pages from Annals of  
Wyoming State Archives, Volume 30,  
Number 1, April 1958. "Washakie  
and the Shoshone".

(a) Identified:	p.	9080	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9082	

Tribes Exhibit OCS-2:

Typed copy of letter F90 in  
National Archives.

(a) Identified:	p.	9094	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9100	

Tribes Exhibit OCS-3:

Handwritten report of October 23, 1872  
from Felix Brunot regarding treaty  
negotiations.

(a) Identified:	p.	9094	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9100	

Tribes Exhibit OCS-4:

1955 Wyoming Historical Handbook.  
Fish and Game.

(a) Identified:	p.	9094	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9112	

Tribes Exhibit OCS-5:

Excerpt; Annals of Wyoming, Volume  
26, Number 2, Part 3. Washakie and  
the Shoshone.

(a) Identified:	p.	9094	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9118	

Tribes Exhibit OCS-6:

Excerpt; Annals of Wyoming, Volume  
29, Number 2. The Dukurika Indians.

(a) Identified:	p.	9118	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9122	

Tribes Exhibit OCS-7:

Excerpt; Annals of Wyoming, Volume  
25, Number 2, Part 1. Washakie and  
the Shoshone.

(a) Identified:	p.	9122	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9220	

Tribes Exhibit OCS-8:

Excerpt . . . An Account of Indian resistance of the covered wagon and Union Pacific Railroad invasion of their territory.

(a) Identified:	p.	9124	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-9:

Survey of conditions of the Indians 1929 to 1944.

(a) Identified:	p.	9126	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9130	

Tribes Exhibit OCS-10:

Excerpt . . . Historical and statistic information, respecting the history, conditions and prospects of the Indian Tribes of the United States.

(a) Identified:	p.	9130	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-12:

Excerpt . . . Indian Peoples in Idaho, by Omar Stuart.

(a) Identified:	p.	9142	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-12 A:

Excerpt . . . Tribal Distribution  
in Eastern Oregon and Adjacent  
Regions, by Verne Ray.

(a) Identified:	p.	9144	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-13:

Excerpt . . . Ethnological Position  
of the Sheepster Indians in Wyoming,  
by Ake Hultcrantz.

(a) Identified:	p.	9147	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-14:

Excerpt . . . Haivodika; An Acculturated  
Shoshone Group in Wyoming, by Ake  
Hultcrantz.

(a) Identified:	p.	9148	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-15:

Excerpt . . . Dissertation -- Some  
Interactions of Culture, Needs, and  
Personalities Among the Wind River  
Shoshone, by Shimkin.

(a) Identified:	p.	9148	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-16:

Excerpt . . . Basin-Plateau Aboriginal  
Socio-Political Groups, by Steward.

(a) Identified:	p.	9152	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-17:

Excerpt . . . Shoshone -- Bannock  
Subsistence in Society, by Murphy.

(a) Identified:	p.	9153	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-18:

Excerpt . . . Culture Element  
Distribution; XXIII; Northern and  
Goisute Shoshone, Stuard.

(a) Identified:	p.	9155	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-19:

Excerpt . . . Notes on Shoshone  
Ethno-geography by Lowie.

(a) Identified:	p.	9157	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	

Tribes Exhibit OCS-20:

Excerpt . . . Wind River Shoshone  
Ethniogeography by Shimkin.  
Anthropological records, Volume 5,  
Note 4.

(a) Identified:	p.	9159	(09/02/81)
(b) Offered:	p.		
(c) Admitted:	p.	9200	



Tribe Exhibit OCS-21:

Excerpt; The Fur Hunters of the Far West, Alexander Ross.

- (a) Identified: p. 9159 (9/2/81)
- (b) Offered:
- (c) Admitted: p. 9200

Tribe Exhibit OCS-22:

Excerpt; Volume I, 41st session of Congress, 1870. Report of the Secretary of Interior to the House of Congress.

- (a) Identified: p. 9160 (9/2/81)
- (b) Offered:
- (c) Admitted: p. 9200

Tribe Exhibit OCS-25:

Letter of October 4, 1868 to the President of the Indian Peace Commission.

- (a) Identified: p. 9162 (9/2/81)
- (b) Offered:
- (c) Admitted: p. 9200

Tribe Exhibit OCS-26:

Excerpt; . . . Animals of Wyoming Volume 33 No. 1, "the Shoshone and the Rocky Mountain Area". Ake, Hultcarntz.

- (a) Identified: p. 9162 (9/2/81)
- (b) Offered:
- (c) Admitted: p. 9200

Tribe Exhibit OCS-27:

Excerpt; . . . Tribal Divisions within the Eastern Shoshone of Wyoming.

- (a) Identified: p. 9162 (9/2/81)
- (b) Offered:
- (c) Admitted: p. 9200

Tribe Exhibit OCS-28:

Excerpt; . . . Pioneer Life Series:  
. . . The White Indian Boy.

(a) Identified:	p. 9162	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-29:

Articles of Agreement entered  
into at the Shoshone Indian  
Agency in Wyoming on September  
19, 1891.

(a) Identified:	p. 9163	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-30:

Reprint of Idaho Yesterdays.  
The Shoshone; their history and  
social organization.

(a) Identification:	p. 9164	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-31:

Excerpt; 1955 Annual Report of  
Wyoming Fish and Game Commission.

(a) Identified:	p. 9167	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-32:

Excerpt; Fresh Water Fish and  
Fishing in Native North America,  
by Rostlund.

(a) Identified:	p. 9168	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-33:

February 18, 1860 of F. W.  
Lander, Commissioner of Indian  
Affairs, hand written and retyped.

(a) Identified:	p. 9172	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-34:

Excerpt; The Commaches; Lords  
of the South Plaines, Wallace  
and Hoevel.

(a) Identified:	p. 9172	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-35:

Excerpt; The Commache Barrier to  
South Plains Settlement by  
Richardson.

(a) Identified:	p. 9172	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-36:

Excerpt; David Thompson's  
Narrative of His Explorations  
in Western America, by Tyrrell.

(a) Identified:	p. 9173	(9/3/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-37:

Excerpt; The Original Journals  
of the Lewis and Clark Expedition,  
1804 to 1806, Volume 3.

(a) Identified:	p. 9175	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-38:

Excerpt; Economic Beginnings of  
the Far West by Coman, Volume 1.

(a) Identified:	p. 9176	(9/2/81)
(b) Offered:	p. 9176	
(c) Admitted:		

Tribe Exhibit OCS-39:

Excerpt of Autobiography of John  
Paul, Member of Wyeth Expedition.

(a) Identified:	p. 9176	(9/2/81)
(b) Offered:	p. 9178	
(c) Admitted:		

Tribe Exhibit OCS-40:

Excerpt of the Call of the  
Columbia by Hulbert.

(a) Identified:	p. 9178	(9/2/81)
(b) Offered:		
(c) Not Admitted:		

Tribe Exhibit OCS-41:

Excerpt . . . Adventures of  
Captain Bonneville, Washington  
Irvin.

(a) Identified:	p. 9180	(9/2/81)
(b) Offered:	p. 9180	
(c) Admitted:		

Tribe Exhibit OCS-42:

Excerpt; Historical Statistical  
Information Respecting the  
History Condition and Prospects  
of Indian Tribes of the United  
States.

(a) Identified:	p. 9094	(9/2/81)
(b) Offered:	p. 9181	
(c) Readmitted:		

Tribe Exhibit OCS-43:

Excerpt; Wyeth's Account of  
Indian Tribes of the South  
Pass, et al.

(a) Identified:	p. 9181	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-44:

Journal of a Trapper by  
Osborne Russell.

(a) Identified:	p. 9181	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-45:

Excerpt; Oregon Historical  
Quarterly, "Diary of Jason  
Lee", Volume XVII.

(a) Identified:	p. 9182	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-46:

Excerpt; Narrative of a Journey  
Across the Rocky Mountains  
by Townsend.

(a) Identified:	p. 9184	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9184	

Tribe Exhibit OCS-47:

Excerpt; A Journey to Great  
Salt Lake City by Remy, Vol.  
2.

(a) Identified:	p. 9184	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-48:

Excerpt; letter of April 4, 1862 from the Secretary of the Interior regarding resolution of the House.

(a) Identification:	p. 9185	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9186	

Tribe Exhibit OCS-49:

Excerpt; The Road to Oregon by Chent, 1929.

(a) Identification:	p. 9186	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-50:

Excerpt; Utah Historical Quarterly. Personal Recollections of Washakie, Chief of the Shoshouns, Vol. 1, No. 4.

(a) Identification:	p. 9187	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-51:

Excerpt; 1869 Report of the Commissioner of Indian Affairs the Secretary of Interior.

(a) Identification:	p. 9188	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9188	

Tribe Exhibit OCS-52:

Excerpt; 1971 Report of the Commissioner of Indian Affairs the Secretary of Interior.

(a) Identification:	p. 9188	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-53:

Excerpt; Anthropological Papers of  
the American Museum of Natural  
History, Vol. 2, Part 2 The  
Northern Shoshone by Lowie.

(a) Identification:	p. 9188	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-54:

Excerpt; Handbook of American  
Indians North of Mexico, Part  
2, Hodge.

(a) Identification:	p. 9190	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-55:

Excerpt; Wyoming Wildlife  
Magazine, Vol. 3, No. 5,  
May 1938, Reservation  
Fishing Rules.

(a) Identification:	p. 9193	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9193	

Tribe Exhibit OCS-56:

Excerpt; Wyoming Fishes.  
Simon Bulletin No. 4  
Wyoming Fish and Game  
Department, 1946.

(a) Identification:	p. 9193	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-57:

Excerpt of report with respect  
to the House resolution autho-  
rizing investigation of the  
BIA, 1952.

(a) Identification:	p. 9195	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-58:

Excerpt; Wyoming Wildlife Vol. XXII, No. 11, 1967-"With the Shoshone and Arapahoe Tribes at Wind River".

(a) Identification:	p. 9195	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Tribe Exhibit OCS-59:

Excerpt; Animals of Wyoming, Vol. 17, No. 2 1945. Documents and letters -, Were the Verendrye Brothers the first white men in Wyoming".

(a) Identification:	p. 9196	(9/2/81)
(b) Offered:		
(c) Admitted:	p. 9200	

Wyoming Exhibit WRIR MR1:

Resume of Leonard Rice.

(a) Identification:	p. 9362	(9/3/81)
(b) Offered:	p. 9162	
(c) Admitted:	p. 9163	

United States Exhibit WRIR LR-1:

Map; Recoverable return flow distribution study areas Big Horn River Basin.

(a) Identification:	p. 9447	(9/3/81)
(b) Not Offered:		

United States Exhibit WRIR LR-2:

Map; Approximate irrigated acres. 1980 and Big Horn and Clarksford River Basin.

(a) Identification:	p. 9449	(9/3/81)
(b) Not Offered:		



United States Exhibit WRIR LR-3:

Location and name of climate stations used for consumptive use studies.

- (a) Identification: p. 9543 (9/3/81)
- (b) Not Offered:

United States Exhibit WRIR LR-4:

Copies of flow diagram of Wyoming interrgrated systems floration study program.

- (a) Identification: p. 9473 (9/4/81)
- (b) Not Offered:

Wyo. Exhibit WRIR MF-1:

Resume of Gordon W. Fassett.

- (a) Identification: p. 9540 (9/4/81)
- (b) Offered: p. 9540
- (c) Admitted: p. 9540

Wyo. Exhibit WRIR MF-2:

Computer listing of all permanent numbers and system operation model.

- (a) Identification: p. 9542 (9/4/81)
- (b) Offered: p. 10071
- (c) Admitted: p. 10371

Wyo. Exhibit WRIR MF-3a:

Map of Big Horn River Basin virgin flow summary.

- (a) Identification: p. 9548 (9/4/81)
- (b) Offered: p. 10071
- (c) Admitted: p. 10371

Wyo. Exhibit WRIR MF-4  
(rev.):

Set of computer listing depicting  
monthly virgin flows statistics.

(a) Identification:	p. 9550	(9/4/81)
(b) Offered:	p. 10071	
(c) Admitted:	p. 10371	

Wyo. Exhibit WRIR MF-5:

Computer listing identifying  
each station contained in the  
model by stream.

(a) Identification:	p. 9552	(9/4/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyo. Exhibit WRIR MF-6a and  
MF-6b:

Computer listing of return  
flow information for water  
rights of state awarded water  
rights and state awarded water  
rights with the United States  
and Tribal claims added.

(a) Identification:	p. 9554	(9/4/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyo. Exhibit WRIR MF-7a and  
MF-7b:

Computer listing of return flow  
information.

(a) Identification:	p. 9556	(9/4/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyo. Exhibit WRIR MF-27:

Map identifying location of  
U.S.G.S. stream flow gauging  
station.

(a) Identification:	p. 9585	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyo. Exhibit WRIR MF-22:

Map identifying climatic weather stations of the basin.

- (a) Identification: p. 9586 (9/21/81)
- (b) Offered: p. 10072
- (c) Admitted: p. 10371

Wyo. Exhibit WRIR MF-24:

Map identifying location of soil conservation snow survey courses.

- (a) Identification: p. 9587 (9/21/81)
- (b) Offered: p. 10072
- (c) Admitted: p. 10371

Wyo. Exhibit WRIR MF-14:

Map identifying location of index map or detail study maps used in diversion and return flow analysis.

- (a) Identification: p. 9593 (9/21/81)
- (b) Offered: p. 10072
- (c) Admitted: p. 10371

Wyo. Exhibit WRIR MF-14-1 through MF-14-44:

Series of detailed study maps for various drainages.

- (a) Identification: p. 9595 through 9600 (9/21/81)
- (b) Offered: p. 10072
- (c) Admitted: p. 10371

Wyoming Exhibit WRIR MF-15:

Four page tabulation of the symbols used to identify all the U.S. and Tribal claims that are used in the Systems Operations Study.

(a) Identified:	p. 9606	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-2 revised:

Administrative assumptions used in the operation of model.

(a) Identified:	p. 9611	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-25:

Map identifying entire Big Horn River and Clark's Fork River Basins.

(a) Identified:	p. 9617	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-16A and 16B:

Exhibits identified by month for run made with the statistically dry virgin flows which claims are called out and the percentages that they are called out for each month of that year:

(a) Identified:	p. 9622	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-17A and 17B:

Gypsum Mineral Development claim and phosphate rock development claim.

(a) Identified:	p. 9632	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-18A and 18B:

Computer tabulations.

(a) Identified:	p. 9633	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-19A and 19B:

Results of the runs made within entire data basin, all of the claims and all of the state-awarded rights. Listing of just the claims that are curtailed at any portion throughout any month of the year.

(a) Identified:	p. 9636	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-20A and 20B:

Same as MF-19A and B for average year.

(a) Identified:	p. 9640	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-21A and 21B:

Same as MF-19A and B for 1970 through 1979.

(a) Identified:	p. 9640	(9/21/81)
(b) Offered:	p. 10072	
(c) Admitted:	p. 10371	

Wyoming Exhibit WRIR MF-8, 2nd Revision:

State affected rights, dry year.

(a) Identified:	p. 9645	(9/21/81)
(b) Offered:	p. 10077	
(c) Admitted:	p. 10081	

Wyoming Exhibit WRIR MC-1:

Valid, unadjudicated ditch permits.

(a) Identified:	p. 9671	(9/21/81)
(b) Offered:	p. 9705	
(c) Admitted:	p. 9938	

Wyoming Exhibit WRIR MC-3:

Valid, unadjudicated enlargements, permits.

(a) Identified:	p. 9672	(9/21/81)
(b) Offered:	p. 9705	
(c) Admitted:	p. 9938	

Wyoming Exhibit WRIR MC-4:

Valid, unadjudicated stock reservoirs.

(a) Identified:	p. 9673	(9/21/81)
(b) Offered:	p. 9705	
(c) Admitted:	p. 9938	

Wyoming Exhibit WRIR MC-5:

Valid, unadjudicated reservoirs.

(a) Identified:	p. 9673	(9/21/81)
(b) Offered:	p. 9705	
(c) Admitted:	p. 9938	

Wyoming Exhibit WRIR MV-1:

Map showing adjudicated and unadjudicated rights.

(a) Identified:	p. 9691	(9/21/81)
(b) Offered:	p. 10531	
(c) Admitted:		

Wyoming Exhibit WRIR MC-2, rev.:

Administrative assumptions.

(a) Identified:	p. 9705	(9/21/81)
(b) Offered:	p. 9705	
(c) Admitted:	p. 10079	

United States Exhibit WRIR GC-1:

Beardman report.

(a) Identified:	p. 9729	(9/21/81)
(b) Offered:	p.	
(c) Admitted:		

United States Exhibit WRIR GC-2:

Sales Conservation Service Soil Engineering Report.

(a) Identified:	p. 9748	(9/21/81)
(b) Offered:	p.	
(c) Admitted:		

United States Exhibit WRIR GC-4:

Excerpt from BOR Book.

(a) Identified:	p. 9800	(9/21/81)
(b) Offered:	p.	
(c) Admitted:		

Wyoming Exhibit WRIR MF-100:

Summary tabulation of MF-16 through MF-21 series of exhibits.

(a) Identified:	p. 9829	(9/21/81)
(b) Offered:		
(c) Admitted:		

Wyoming Exhibit WRIR MF-8,  
2nd Revision:

Diversion preference affected  
State awarded rights.

(a) Identified:	p. 9848	(9/21/81)
(b) Offered:	p. 10077	
(c) Admitted:	p. 10047	

United States Exhibit WRIR GC-3:

Excerpt: from report State En-  
gineer's office.

(a) Identified:	p. 9901	(9/22/81)
(b) Offered:	p.	
(c) Admitted:		

United States Exhibit WRIR GC-5:

Packet dealing with permits for  
water rights.

(a) Identified:	p. 9914	(/22/81)
(b) Offered:		
(c) Admitted:		

Wyoming Exhibit WRIR MF-9, rev.:

Computer print-out average year  
affected rights.

(a) Identified:	p. 10024	(9/23/81)
(b) Offered:	p. 10077	
(c) Admitted:	p. 10047	

Wyoming Exhibit WRIR MF-10,  
2nd rev.:

Computer print-out 1970 to 1979  
affected rights.

(a) Identified:	p. 10027	(9/23/81)
(b) Offered:	p. 10097	
(c) Admitted:	p. 10047	



United States WRIR C-GF-1:

Discharges for 1978 Leclair  
Canal Wind River

- (a) Identified: p. 10330 (9/28/81)
- (b) Offered:
- (c) Admitted: p. 10363

United States WRIR C-GF-2:

Annual report of flow of ir-  
rigation water and canals in  
the Big Basin in Wyoming.

- (a) Identified: p. 10343 (9/28/81)
- (b) Offered:
- (c) Admitted: p. 10363

City of Lander CLF-1:

- (a) Identified: p. 10394 9/28/81)
- (b) Offered:
- (c) Admitted: p. 10410

Wyoming Exhibit WRIR MF-8A:

Condensation of permit list tabulated  
in MF-8, 2nd. rev. chart of City's  
hypothetical diversions on water rights.

- (a) Identified: p. 10445 (9/29/81)
- (b) Offered: p. 10510
- (c) Admitted: p. 10519

Wyoming Exhibit WRIR MF-9A:

Condensation of revised MF-9A,  
2nd rev.

- (a) Identified: p. 10445 (9/29/81)
- (b) Offered: p. 10515
- (c) Admitted: p. 10519

Wyoming Exhibit WRIR MF-10A:

Condensation of permit list in MF-10, 2nd rev.

(a) Identified:	p. 10445	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10519	

Wyoming Exhibit WRIR MF-108:

Tabulation of affected unadjudicated permits in MF-8 (excluding Midville irrigation).

(a) Identified:	p. 10447	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10519	

Wyoming Exhibit WRIR MF-109:

Similar to MF-108.

(a) Identified:	p. 10447	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10519	

Wyoming Exhibit WRIR MF-110-71:

Similar to MF-108.

(a) Identified:	p. 10447	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10519	

Wyoming Exhibit WRIR MF-110-73:

Similar to MF-108.

(a) Identified:	p. 10447	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10519	

Wyoming Exhibit WRIR MF-110-77:

Similar to MF-108.

(a) Identified:	p. 10447	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10519	

Wyoming Exhibit WRIR MF-28:

Graph comparing recoverable  
return flow distributions found  
by United States and those found  
by Fassett.

(a) Identified:		
(b) Offered:	p. 10466	(9/29/81)
(c) Admitted:	p. 10515	
	p. 10519	

Wyoming Exhibit WRIR MV-1:

Unadjudicated and adjudicated  
land map.

(a) Identified:		
(b) Offered:	p. 10494	(9/29/81)
(c) Admitted:	p. 10514	
	p. 10531	

Wyoming Exhibit WRIR MV-2-A:

Listing of permit numbers con-  
tained in Fassett's study on  
MV-1.

(a) Identified:		
(b) Offered:	p. 10496	(9/29/81)
(c) Admitted:	p. 10513	
	p. 10531	

Wyoming Exhibit WRIR MV-3:

351 permits contained in Fassett's  
study.

(a) Identified:		
(b) Offered:	p. 10499	(9/29/81)
(c) Admitted:	p. 10514	
	p. 10531	

Wyoming Exhibit WRIR MV-4:

Map indicating location or  
adjudicated certificates in  
basin.

(a) Identified:		
(b) Offered:	p. 10499	(9/29/81)
(c) Admitted:	p. 10514	
	p. 10531	

Wyoming Exhibit WRIR MV-1-8a.

On MV-1 indicating land affected  
by Facet's MF-8a.

(a) Identified:	p. 10501	(9/29/81)
(b) Offered:	p. 10513	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-1-71.

Overlay corresponding to MF-10a.

(a) Identified:	p. 10504	(9/29/81)
(b) Offered:	p. 10513	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-1-73.

Overlay corresponding to MF-10a  
(1973).

(a) Identified:	p. 10505	(9/29/81)
(b) Offered:	p. 10513	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-1-77.

Overlay corresponding to MF-10a  
(1977).

(a) Identified:	p. 10505	(9/29/81)
(b) Offered:	p. 10513	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-8.

Disposition analyses indicates  
dispositions of land discussed in  
MF-8a.

(a) Identified:	p. 10507	(9/29/81)
(b) Offered:	p. 10514	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-8b:

Temporal (5-year) array of  
data in MV-8a (2nd rev.).

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 10507 (9/29/81)  
p. 10514  
p. 10531

Wyoming Exhibit WRIR MV-9a,  
2nd rev.:

Average year analyses corre-  
sponding to MV-8a.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 10507 (9/29/81)  
p. 10505  
p. 10531

Wyoming Exhibit WRIR MV-9b,  
2nd rev.:

Temporal array for average cor-  
responds to MV-9a (2dn rev.):

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 10508 (9/29/81)  
p. 10515  
p. 10531

Wyoming Exhibit WRIR MV-71a,  
2nd rev.:

Disposition analysis.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 10508 (9/29/81)  
p. 10515  
p. 10531

Wyoming Exhibit WRIR MV-71b,  
2nd rev.:

Temporal array.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 10508 (9/29/81)  
p. 10515  
p. 10531

Wyoming Exhibit WRIR MV-73a,  
2nd rev.:

Disposition analysis.

(a) Identified:	p. 10509	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-73b,  
2nd rev.:

5-year array for 1973.

(a) Identified:	p. 10509	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-71a,  
2nd rev.:

Disposition analysis for 1977.

(a) Identified:	p. 10509	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-77b,  
2nd rev.:

5-year analysis.

(a) Identified:	p. 10509	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-11:

Disposition of analysis of all  
lands in Fassett model.

(a) Identified:	p. 10510	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR MV-11a:

Temporal array for all of Fassett model.

(a) Identified:	p. 10510	(9/29/81)
(b) Offered:	p. 10515	
(c) Admitted:	p. 10531	

Wyoming Exhibit WRIR SS-A:

Fowkes.

(a) Identified:	p. 10540	(9/30/81)
(b) Offered:	p. 10541	
(c) Admitted:	p. 10545	

Wyoming Exhibit WRIR SS-1:

Appendix B - Wind River Irrigation Project (1968).

(a) Identified:	p. 10548	(9/03/81)
(b) Offered:	p. 10649	
(c) Amitted:	p. 10759	

Wyoming Exhibit WRIR SS-2:

Appendix F - Wind Division Drainage Report.

(a) Identified:	p. 10548	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-3:

Copy of hearings on Riverton Reclamation project, 1963.

(a) Identified:	p. 10548	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-4:

Map and SS-4 legend of map.

(a) Identified:	p. 10549	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-5  
through SS-23:

SCS soil series discriptions  
in form size for varies series.

(a) Identified:	p. 10550	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-24:

Field notes and lab data.

(a) Identified:	p. 10552	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-25:

Interview notes Paul  
Christenson.

(a) Identified:	p. 10553	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-26:

Interview notes Jim Roomering.

(a) Identified:	p. 10553	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	



Wyoming Exhibit WRIR SS-27:

Interview notes Charles Decker.

(a) Identified:	p. 10554	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-29:

Interview notes Bruce Layman.

(a) Identified:	p. 10555	(9/30/81)
(b) Offered:	p. 10649	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-2a:

Illustration of site factors.

(a) Identified:	p. 10583	(9/30/81)
(b) Offered:	p. 10650	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-2b:

Additional site factors.

(a) Identified:	p. 10594	(9/30/81)
(b) Offered:	p. 10650	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-28:

Soil profile schematic.

(a) Identified:	p. 10589	(9/30/81)
(b) Offered:	p. 10650	
(c) Admitted:	p. 10759	

United States Exhibit WRIR  
CF-1:

Riverton area survey of soils.

(a) Identified:	p. 10662	(9/30/81)
(b) Offered:	p. 10738	
(c) Admitted:	p. 10739	

United States Exhibit WRIR CF-2:

Study done for westside project.

(a) Identified:	p. 10680	(10/1/81)
(b) Offered:	p. 10738	
(c) Admitted:	p. 10739	

Wyoming Exhibit WRIR SS-30:

An overlay over what has previously been admitted as United States' Exhibit C-41.

(a) Identified:	p. 10145	(10/1/81)
(b) Offered:	p. 10759	
(c) Admitted:	p. 10759	

Wyoming Exhibit WRIR SS-A1:

Sommer's resume.

(a) Identified:	p. 10766	(10/2/81)
(b) Offered:	p. 10790	
(c) Admitted:	p. 10791	

Wyoming Exhibit WRIR SS-A2:

Project acreage on which CLS has worked.

(a) Identified:	p. 10769	(10/2/81)
(b) Offered:	p. 10790	
(c) Admitted:	p. 10791	

United States Exhibit WRIR CF-1:

Letter from WAU to TWE in reference to CLS's work.

(a) Identified:	p. 10787	(10/2/81)
(b) Offered:		
(c) Withdrawn	p. 10867	

Wyoming Exhibit WRIR SS-A3:

Land classification principals  
8-3-7 BOR.

(a) Identified:	p. 10794	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A4:

BOR: Economics and Soils  
Science Co-partners In Land  
Classification.

(a) Identified:	p. 10795	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A5:

Engineering and Economic Re-  
lationships by Malley (BOR).

(a) Identified:	p. 10797	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A6:

Economic Evaluation In Selection  
(Selden & Walker).

(a) Identified:	p. 10797	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A7:

BOR report on Wind Division  
October 1966.

(a) Identified:	p. 10798	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A8:

Draft BOR Instructions July 1981.

(a) Identified:	p. 10800	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A9:

Report to Regional Director, Board of Consultants, Land Classification and Drainage, December 15, 1961.

(a) Identified:	p. 10801	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A10:

CLS field observations, September 1980 on WRIR (NC portion).

(a) Identified:	p. 10801	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A11:

CLS and TM field observation note (4-5-81).

(a) Identified:	p. 10804	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A12:

Farmer interviews by CLS.

(a) Identified:	p. 10805	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A13:

Other interviews by CLS.

(a) Identified:	p. 10805	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A14:

BIA-RFP for Ramaul Najavo lands  
soils survey.

(a) Identified:	p. 10805	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-A15:

BOR Drainage Manual for 1978.

(a) Identified:	p. 10806	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11186	

Wyoming Exhibit WRIR SS-10a:

BOR space Muddy Ridge land  
classification standards  
(3rd division 1977).

(a) Identified:	p. 10807	(10/2/81)
(b) Offered:	p. 11021	
(c) Admitted:		

Wyoming Exhibit WRIR SS-45 A-E:

NC sprinkler base delineations

(a) Identified:	p. 10893	(10/02/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-145 and 145 A:

NC sprinkler base add-ins

(a) Identified:	p. 10897	(10/02/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-245:

NC sprinkler base final

(a) Identified:	p. 10900	(10/02/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-44 A-E:

NC gravity delineations

(a) Identified:	p. 10903	(10/02/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-144 and 144 A:

NC gravity add-ins

(a) Identified:	p. 10903	(10/02/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-244:

NC gravity final

(a) Identified:	p. 10903	(10/02/81)
(b) Offered:	p. 11021	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-46 A-E:

SC gravity delineations

- (a) Identified: p. 10904 (10/02/81)
- (b) Offered: p. 11021
- (c) Admitted: p. 11027, 11184

Wyoming Exhibit WRIR SS-146 and 146 A:

SC gravity add-ins

- (a) Identified: p. 10904 (10/02/81)
- (b) Offered: p. 11021
- (c) Admitted: p. 11027, 11184

Wyoming Exhibit WRIR SS-246:

Final SC gravity

- (a) Identified: p. 10904 (10/02/81)
- (b) Offered: p. 11021
- (c) Admitted: p. 11027, 11184

Wyoming Exhibit WRIR SS-47 A-E:

SC sprinkler delineations

- (a) Identified: p. 10904 (10/02/81)
- (b) Offered: p. 11021
- (c) Admitted: p. 11027, 11184

Wyoming Exhibit WRIR SS-147 and 147 A:

SC sprinkler add-ins

- (a) Identified: p. 10905 (10/02/81)
- (b) Offered: p. 11021
- (c) Admitted: p. 11027, 11184

Wyoming Exhibit WRIR SS-247

Final SC sprinkler

- (a) Identified: p. 10905 (10/02/81)
- (b) Offered: p. 11021
- (c) Admitted: p. 11027, 11184

Wyoming Exhibit WRIR SS-48 A-E:

BHF gravity delineations

(a) Identified:	p.	10905	(10/02/81)
(b) Offered:	p.	11021	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-148 and 148 A:

BHF gravity add-ins

(a) Identified:	p.	10905	(10/02/81)
(b) Offered:	p.	11021	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-248:

BHF gravity final

(a) Identified:	p.	10905	(10/02/81)
(b) Offered:	p.	11021	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-49 A-E:

BHF sprinkler delineations

(a) Identified:	p.	10905	(10/02/81)
(b) Offered:	p.	11021	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-149 and 149 A:

BHF sprinkler add-ins

(a) Identified:	p.	10905	(10/02/81)
(b) Offered:	p.	11021	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-249:

BHF sprinkler final

(a) Identified:	p.	10906	(10/02/81)
(b) Offered:	p.	11021	
(c) Admitted:	p.	11027, 11184	



Wyoming Exhibit WRIR SS-50 A-E:

RE gravity delineations

(a) Identified:	p. 10907	(10/02/81)
(b) Offered:	p. 11023	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-150 and 150 A:

RE gravity add-ins

(a) Identified:	p. 10907	(10/02/81)
(b) Offered:	p. 11023	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-250:

RE gravity final

(a) Identified:	p. 10907	(10/02/81)
(b) Offered:	p. 11023	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-51 A-E:

RE gravity sprinkler delineation

(a) Identified:	p. 10907	(10/02/81)
(b) Offered:	p. 11023	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-151 and 151 A:

RE sprinkler add-ins

(a) Identified:	p. 10907	(10/02/81)
(b) Offered:	p. 11023	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-251:

RE sprinkler final

(a) Identified:	p. 10907	(10/02/81)
(b) Offered:	p. 11023	
(c) Admitted:	p. 11027, 11184	

Wyoming Exhibit WRIR SS-53 A-E:

Arapahoe gravity delineations

(a) Identified:	p.	10907	(10/02/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-153 and 153 A:

Arapahoe gravity add-ins

(a) Identified:	p.	10907	(10/02/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-253:

Arapahoe gravity finals

(a) Identified:	p.	10908	(10/02/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-54 A-E:

Arapahoe sprinkler delineations

(a) Identified:	p.	10908	(10/02/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-154 and 154 A:

Arapahoe sprinkler add-ins

(a) Identified:	p.	10908	(10/02/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-254:

Arapahoe sprinkler finals

(a) Identified:	p.	10908	(10/02/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-255:

Table of arables lands by class

(a) Identified:	p.	10878	(10/02/81)
(b) Offered:	p.	11021	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-9:

HKM BOR summary

(a) Identified:	p.	10943	(10/05/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-8 Revised:

Summary as to net arable acres on  
the type 8 and Arapahoe Ranch or  
Owl Creek arable lands.

(a) Identified:	p.	10964	(10/05/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-7 Revised:

Arable land labeled types 7 lands

(a) Identified:	p.	10993	(10/05/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-6:

Report 181 drainage investigations

(a) Identified:	p.	10999	(10/05/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR SS-H:

Higginson arable land

(a) Identified:	p.	11055	(10/05/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

Wyoming Exhibit WRIR 'SS-2:

Table of adjudicated land analysis

(a) Identified:	p.	11015	(10/05/81)
(b) Offered:	p.	11023	
(c) Admitted:	p.	11027, 11184	

United States Exhibit WRIR CS-3:

Map United States Exhibit.

(a) Identified:	p.	11151	(10/06/81)
(b) Offered:	p.	11160	
(c) Admitted:	p.	11161	

United States Exhibit WRIR CS-31:

Mylar overlay of Mesghinna drainage layouts.

(a) Identified:	p.	11156	(10/06/81)
(b) Offered:	p.	11160	
(c) Admitted:	p.	11161	

United States Exhibit WRIR CS-3 B:

Mylar overlay of Mesghinna drainage layouts.

(a) Identified:	p.	11168	(10/06/81)
(b) Offered:	p.	11178	
(c) Admitted:	p.	11179	

Wyoming Exhibit WRIR WM-1:

Martin resume

(a) Identified:	p.	11217	(10/06/81)
(b) Offered:	p.	11219	
(c) Admitted:	p.	11222	

United States Exhibit WRIR SM-1:

Excerpt from tennant book on in-stream flows

(a) Identified:	p.	11274	(10/06/81)
(b) Offered:	p.	11274	
(c) Admitted:	p.	11274	

Wyoming Exhibit WRIR I&P-1:

Treaty of July 3, 1868, 15 Stat. 673.

(a) Identified:	p. 11295	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyoming Exhibit WRIR I&P-2:

Treaty of September 26, 1872, 18 Stat. 291.

(a) Identified:	p. 11295	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-3:

Treaty of April 21, 1896, 30 Stat. 921.

(a) Identified:	p. 11295	(10/7/81)
(c) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-4:

Letter, the Secretary of Interior to the Senate, transmitting 1896 Treaty, Sen. Doc. 247, 54th Cong., 1st Sess.

(a) Identified:	p. 11296	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-5:

Act of March 3, 1905 (Treaty of April 31, 1904), 33 Stat. 1016.

(a) Identified:	p. 11296	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-6:

House Committee on Indian Affairs  
Report No. 3700, (to accompany H.R.  
17994 - included Act of 1905),  
58th Cong. 3d Sess., January 19,  
1905.

(a) Identified:	p. 11297	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-7:

Senate Committee on Indian Affairs  
Report No. 4263 (to accompany H.R.  
17994), 58th Cong. 3d Sess.,  
February 21, 1905.

(a) Identified:	p. 11302	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-8:

Minutes of Negotiations of  
1904 Treaty, April 19, 1904.

(a) Identified:	p. 11302	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-9:

Letter, Acting Indian Commissioner  
Tonnen to Secretary of the Interior  
Hitchcock, December 8, 1904.

(a) Identified:	p. 11303	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-10:

Annual Report of the Indian  
Commissioner, for fiscal year  
ending June 30, 1905, House Doc.  
19, 59th Cong., 1st Sess.

(a) Identified:	p. 11303	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit I&P-11:

Wyoming Act of Admission, 1890,  
26 Stat. 222.

(a) Identified:	p. 11304	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit I&P-12:

Wyoming Constitution, Art. 8,  
Sec. 1 and 3.

(a) Identified:	p. 11304	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit I&P-13:

Merrill v. Bishop, 287 P.2d  
620 (Wyo. 1955).

(a) Identified:	p. 11305	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit I&P-14:

1914 Indian Appropriations Act,  
H.R. 12579, 38 Stat. 582, pertaining  
to the Wind River Indian Reservation.

(a) Identified:	p. 11305	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit I&P-15:

House Indian Affairs Subcommittee  
Report (to accompany H.R. 12579),  
1913.

(a) Identified:	p. 11308	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit I&P-16:

Senate Committee on Indian Affairs  
Report (to accompany H.R. 12579),  
1914, 63d Cong., 2d Sess.

(a) Identified: p. 11309 (10/7/81)  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-17:

51 Cong. Rec. 3661, 63d Cong., 2d Sess., Feb. 19, 1914, including debate on H.R. 12579.

(a) Identified: p. 11311 (10/7/81)  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-18:

51 Cong. Rec. 10587-10600, 63d Cong., 2d Sess., June 17, 1914, including debate on H.R. 12579.

(a) Identified: p. 11311 (10/7/81)  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-19:

51 Cong. Rec. 10761-10789, 63d Cong., 2d Sess., June 20, 1914, including debate on H.R. 12579.

(a) Identified: p. 11311 (10/7/81)  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-20:

51 Cong. Rec. 12602-12617, July 24, 1914; and 51 Cong. Rec. 11013-11038, June 24, 1914, 63d Cong., 2d Sess., each including debate on H.R. 12579.

(a) Identified: p. 11311 (10/7/81)  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-21:

Act of July 23, 1894, pertaining to Yakima Reservation, Washington, 28 Stat. 118.



(a) Identified: p. 11311 (10/7/81)  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-22:

Ft. Hall Treaty of Feb. 5, 1898  
(Ratified June 6, 1900), 31 Stat.  
672.

(a) Identified no reference  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-23:

U.S. v. Hibner, 27 F.2d 409  
(D. Ida. 1928).

(a) Identified: no reference  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-24:

Crow Treaty of Aug. 14, 1899  
(Ratified April 27, 1904), 33  
Stat. 352.

(a) Identified: no reference  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-25:

Anderson v. Spear-Morgan, 79  
P.2d 667 (Mont. 1938)

(a) Identified: no reference  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-26:

Klamath Treaty of June 17, 1901  
(Ratified June 21, 1906), 34  
Stat. 325.

(a) Identified: no reference  
(b) Offered: p. 11288  
(c) Admitted: p. 11289

Wyo. Exhibit WRIR I&P-27:

U.S. v. Adair, 478 F.Supp. 336  
(D. Ore. 1979).

(a) Identified:	no reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-28:

Act of March 6, 1906, pertaining  
to Yakima Reservation, Washington,  
34 Stat. 53.

(a) Identified:	no reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-29:

Ahtanum v. U.S., 236 F.2d 321  
(9th Cir., 1956).

(a) Identified:	no reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-30:

Appropriations Act of June 21,  
1906, pertaining to Uintah  
Reservation, Utah, 34 Stat. 375.

(a) Identified:	p. 11315	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-31:

Act of May 30, 1908, pertaining  
to Ft. Peck Reservation, Montana,  
35 Stat. 558.

(a) Identified:	p. 11315	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-32:

March 1, 1907 Appropriations  
Act, pertaining to Blackfeet  
Reservation, Montana, 34 Stat.  
1034.

(a) Identified:	p. 11315	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-33:

Tweedy v. Texas Co., 286 F.Supp.  
383 (D. Mont. 1968).

(a) Identified:	p. 11316	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-34:

U.S. v. Hampleman, Decree, No.  
753 (D. Wyo. 1916).

(a) Identified:	p. 11317	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-35:

U.S. v. Hampleman, U.S.  
Complaint.

(a) Identified:	p. 11317	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-36:

U.S. v. Hampleman, Hampleman's  
Answer to U.S. Complaint.

(a) Identified:	p. 11317	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-37:

Wyoming Constitution,  
Ordinance 3.

(a) Identified:	p. 11317	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-37A:

U.S. v. Hampleman, Hampleman's  
Brief.

(a) Identified:	p. 11317	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-38:

U.S. v. Parkins, 18 F.2d 642  
(D. Wyo. 1926), U.S. Complaint.

(a) Identified:	p. 11317	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-38A:

U.S. v. Parkins, Answer  
of Parkins.

(a) Identified:	p. 11317	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-39:

U.S. v. Parkins, Court's  
Memorandum Opinion.

(a) Identified:	p. 11317	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-40:

Annual Report of WRIR Agent P. H. Ray, Aug. 24, 1894, included in Annual Report of Indian Commissioner, 1894 at 336-338.

(a) Identified:	p. 11318	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-41:

Annual Report of WRIR Agent Wadsworth, Aug. 15, 1903, House Doc. 5, 58th Cong., 2d Sess., pps. 361-363.

(a) Identified:	p. 11319	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-42:

Letter, WRIR Agent Wadsworth to Commissioner of Indian Affairs, Sept. 21, 1903.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-43:

Letter, U.S. Atty. Burke to Wadsworth, Sept. 1, 1903.

(a) Identified:	p. 11319	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-44:

Letter, Indian Commissioner Jones to Sec'y of the Interior, Oct. 14, 1903

(a) Identified:	p. 11319	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-45:

Letter, Commissioner Jones to the  
Sec'y of the Interior, Aug. 25,  
1903.

(a) Identified:	p. 11319	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-46:

Letter, Acting Commissioner of  
Indian Affairs Tonnen to  
Wadsworth, May 6, 1904.

(a) Identified:	p. 11319	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-47:

Letter, Wadsworth to State Engineer  
Johnston, June 3, 1904.

(a) Identified:	p. 11319	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-48:

Johnston's reply to Wadsworth,  
June 7, 1904.

(a) Identified:	p. 11319	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-49:

Letter, Acting Commissioner Tonnen  
to W.B. Hill, WRIR Irrigation  
Engineer, Aug. 11, 1904.

(a) Identified:	p. 11319	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-50:

Letter, Acting Commissioner  
Tonnen to Agent Wadsworth,  
August 12, 1904.

(a) Identified:	p. 11320	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-51:

Letter, Agent Wadsworth to  
Commissioner of Indian Affairs,  
March 3, 1904.

(a) Identified:	p. 11320	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-52:

Letter, Acting Commissioner  
Tonnen to Sup't Hill, August  
12, 1904.

(a) Identified:	p. 11320	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-53:

Letter, Commissioner of Indian  
Affairs Jones to Sec'y of Interior,  
August 14, 1904.

(a) Identified:	p. 11320	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-54, 54A:

Telegram, Acting Secretary of  
Interior Ryan to Engineer Code,  
Sept. 13, 1904.

(a) Identified:	p. 11320	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-55:

Letter, Agent Wadsworth to State  
Engineer Johnston, Sept. 19, 1904.

(a) Identified:	p. 11320	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-56:

Letter, Johnston to Wadsworth,  
Sept. 1904 (dated September  
13, 1904, but apparently  
September 23, 1904).

(a) Identified:	p. 11320	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-57:

Letter, Indian Commissioner to the  
Secretary of Interior, Feb. 3, 1905.

(a) Identified:	p. 11321	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-58:

Letter, Indian Rights Association  
Agent S.M. Brosius to Secretary  
of Interior (copy also sent to  
Commissioner of Indian Affairs),  
July 28, 1904.

(a) Identified:	p. 11321	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-59:

NOT OFFERED



Wyo. Exhibit WRIR I&P-60:

Letter, Wadsworth to Commissioner  
of Indian Affairs, March 10, 1905.

(a) Identified:	p. 11322	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-61:

Letter, Indian Commissioner to Sec'y  
of Interior, April 10, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-62:

Letter, Inspector Code to Sec'y  
of Interior, April 14, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-63:

Letter, Commissioner of Indian  
Affairs to Sec'y of Interior,  
April 22, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-64:

Letter, Sec'y of Interior to  
Commissioner of Indian Affairs,  
April 27, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-65:

Letter, Commissioner of Indian Affairs  
to Agent Wadsworth, May 3, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-66:

Letter, Agent Wadsworth to  
State Engineer Johnston,  
March 9, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-67:

Letter, Wadsworth to  
Johnston, March 15, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-68:

Letter, Wadsworth to Johnston,  
April 20, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-69:

Letter, Wadsworth to Johnston,  
June 18, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-70:

Letter, Irrigation Sup't Hill  
to Johnston, June 25, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-71:

Letter, Hill to Johnston,  
July 9, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-72:

Letter, Johnston to Hill,  
Nov. 1, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-73:

Letter, Johnston to Hill,  
Nov. 22, 1905.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-74:

Letter, Hill to Johnston,  
April 18, 1906.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-75:

Letter, Agent Wadsworth to  
Johnston, Aug. 8, 1906.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-76:

Letter, Wadsworth to Johnston,  
Dec. 1, 1906.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-77:

Letter, Wadsworth to Johnston,  
March 18, 1907.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-78:

Letter, Wadsworth to Johnston,  
May 7, 1907.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-79:

Letter, Wadsworth to Johnston,  
Oct. 22, 1907.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-80:

Letter, Wadsworth to Johnston,  
Oct. 23, 1907

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 11323 (10/7/81)  
p. 11288  
p. 11289

Wyo. Exhibit WRIR I&P-81:

Letter, Shoshone Agency Financial  
Clerk Ebil to Johnston, Oct. 30, 1907.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 11323 (10/7/81)  
p. 11288  
p. 11289

Wyo. Exhibit WRIR I&P-82:

Letter, Wadsworth to Johnston,  
Feb. 4, 1908.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 11323 (10/7/81)  
p. 11288  
p. 11289

Wyo. Exhibit WRIR I&P-83:

Letter, Wadsworth to Johnston,  
Feb. 7, 1908.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 11323 (10/7/81)  
p. 11288  
p. 11289

Wyo. Exhibit WRIR I&P-84:

Letter, Wadsworth to Johnston,  
Feb. 10, 1908.

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 11323 (10/7/81)  
p. 11288  
p. 11289

Wyo. Exhibit WRIR I&P-85:

Letter, Johnston to Wadsworth,  
Feb. 13, 1908.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-86:

Exchange between Wadsworth and  
Johnston, consisting of 3 letters:  
Feb. 10, 1908  
Feb. 13, 1908  
Feb. 15, 1908.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-87:

Letter, Wadsworth to Johnston,  
Feb. 17, 1908.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-88:

Letter, Agent Wadsworth to  
Johnston, Feb. 17, 1908.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-89:

Letter, Clerk of Crow Agency to  
Johnston, May 5, 1908.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-90:

Letter, Wadsworth to  
Johnston, July 10, 1908.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-91:

Letter, Johnston to Wadsworth,  
July 13, 1908.

(a) Identified:	p. 11323	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-92:

Annual Report of WRIR Agent  
Wadsworth, Aug. 15, 1905,  
House Doc. 5, Vol. 19, pps.  
381-383.

(a) Identified:	p. 11324	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-93:

Annual Report of WRIR Agent  
Wadsworth, Aug. 14, 1906,  
House Doc. 5, Vol. 15, pps.  
402-406.

(a) Identified:	p. 11324	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-94:

Annual Report of Agent  
Wadsworth, Aug. 15, 1907.

(a) Identified:	p. 11324	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-95:

Letter, Shoshone Project Asst.  
Engineer John Gonin to Shoshone  
Project Chief Engineer W. H.  
Code, Dec. 21, 1908.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-96:

Letter, (on behalf of Wyoming  
Central Irrigation Co.),  
Fenimore Chatterton to the  
Sec'y of Interior, July 17, 1905.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-97:

Letter from Reclamation Service  
to Commissioner of Indian Affairs,  
Aug. 4, 1905.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-98:

Letter from Acting Sec'y of  
Interior Ryan to State Engineer  
Johnston, Aug. 29, 1905, contained  
in 1905-06 Wyoming State Engineer's  
Report, at p. 32.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-99:

Letter, Commissioner of Indian Affairs  
to Sec'y of Interior, Aug. 24, 1905.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289



Wyo. Exhibit WRIR I&P-100:

Letter, Acting Commissioner  
Larrabee to State Engineer  
Johnston, Feb. 8, 1906.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-101-101.3220E:

109 Applications for permits filed  
with State Engineer after 1905 Act  
(exhibit 101 is a cover sheet and  
certification; Exhibits 101.6582  
through 101.3220E are the appli-  
cations).

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-102:

Conrad Investment, 161 F. 829  
(9th Cir., 1908)

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-103:

Letter, WRIR Agent Wadsworth to  
Wyoming State Engineer Johnston,  
March 14, 1910.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-104:

Letter, Agent Wadsworth to  
Commissioner of Indian Affairs,  
June 13, 1910.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-105:

Letter, Wadsworth to Commissioner  
of Indian Affairs, March 7, 1911.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-106:

Letter, Ass't Sec'y of Interior  
S.G. Hopkins to Wyoming State  
Engineer True, Jan., 1919.

(a) Identified:	p. 11325	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-107:

Letter, Asst. Commissioner of  
Indian Affairs Meritt to Mr.  
Lobdell of the Fed. Farm Loan  
Bank, Sept. 11, 1918.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-108:

Letter, from WRIR Irrigation  
official Reeves to Asst.  
Commissioner Meritt, Jan. 16, 1919.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-109:

Letter, Secretary of Interior  
Franklin Lane to the U.S. Senate,  
Dec. 7, 1914.

(a) Identified:	p. 11325	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-109A:

Letter from Sec'y of Interior Franklin Lane to House of Representatives (identical to Exh. 109), Dec. 9, 1914, House Doc. 1274, 63d Cong., 3d Sess.

(a) Identified:	p. 11325	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-110:

Letter, Ass't Indian Commissioner Meritt to State Engineer True, March 18, 1919.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-111:

NOT OFFERED

Wyo. Exhibit WRIR I&P-112:

Annual Report of WRIR Shoshone School, 1911.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-113:

Report of Interior Inspector Joe H. Norris to Sec'y of Interior, July 6, 1912.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-114:

Letter, WRIR Asst. Engineer Gonin  
to Chief Engineer W. H. Code,  
March 22, 1909.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-115:

Letter, to Code, April 16, 1909.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-116:

Letter, Code to Sec'y of Interior,  
April 26, 1909.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-117:

Letter, Second Asst. Commissioner  
of Indian Affairs Hauke to Code,  
July 6, 1910.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-118:

Three telegrams from Code to  
WRIR Irrigation Supt. W. B.  
Hill, July 11, 14 and 18, 1910.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-119:

Letter, Code to the Sec'y of  
Interior, Aug. 13, 1910.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-120:

Letter, W. B. Hill to Code,  
Aug. 6, 1910.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-121:

Letter, W. B. Hill to the Sec'y  
of Interior, Aug. 18, 1910.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-122:

Report of Reclamation Service  
Project Engineer I. B. Hosig,  
November, 1920.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-123:

Three memoranda between officials  
of U.S. Reclamation Service,  
November, 1920.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-124:

Letter, WRIR Agent Wadsworth to  
State Engineer Johnston, Nov.  
28, 1909.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-125:

Letter, Wadsworth to Johnston,  
Jan. 1, 1910.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-126:

Letter, Wadsworth to Johnston,  
July 21, 1910.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-127:

Letter, Wadsworth to Johnston,  
Sept. 15, 1910.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-128:

Letter, WRIR Special Agent McConihe  
to State Engineer, July 12, 1912.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-129:

Letter, Indian Service Asst. Engineer  
E. E. Jones to WRIR Project Chief  
Engineer Reed, Oct. 16, 1913.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-130:

Letter, E. E. Jones to State Engineer  
Parshall, May 27, 1914.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-131:

Letter, Parshall to E. E. Jones,  
May 29, 1914.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-132:

Letter, Jones to Parshall,  
June 1, 1914.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-133:

Letter, Jones to Parshall,  
June 30, 1914.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-134:

Letter, Asst. Engineer W. B. Hill to State Engineer True, April 26, 1915.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-135:

Letter, W. B. Hill to True, Aug. 7, 1915.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-136:

Letter, W. B. Hill to True, Aug. 27, 1915.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-137:

Letter, W. B. Hill to Indian Service official M. B. Meredith, April 11, 1916.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-138:

Letter, State Engineer True to M. B. Meredith, April 17, 1916.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	



Wyo. Exhibit WRIR I&P-139:

Letter, W. B. Hill to True,  
May 11, 1916.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-140:

Letter, State Engineer True to  
W. B. Hill, May 18, 1916.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-141:

Letter, WRIR Agency Superintendent  
E. A. Hutchinson to True, Nov.  
20, 1916.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-142:

Letter, E. A. Hutchinson to  
(Wyoming) Governor Kendrick,  
Nov. 27, 1916.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-143:

Letter, True to Hutchinson,  
Dec. 5, 1916.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-144:

Letter, True to Hutchinson,  
Dec. 5, 1916.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-145:

Letter, Shoshone Project Supervising  
Engineer W. S. Hanna to True,  
Oct. 10, 1918.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-146:

Letter, Shoshone Project Ass't  
Engineer Ward Webber to True,  
Oct. 26, 1918.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-146A:

Letter, True to Webber,  
Dec. 12, 1918.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-147:

Letter, State Engineer Emerson  
to Shoshone Project Supervising  
Engineer Hanna, Nov. 3, 1920.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-148:

Letter, Emerson to Hanna,  
Nov. 29, 1920.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-149:

Letter, Hanna to Emerson,  
Feb. 12, 1921.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-150:

Letter, Emerson to Hanna,  
Feb. 21, 1921.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-151:

Letter, E. A. Hutchinson (WRIR  
Agent) to Shoshone Project Ass't  
Engineer E. F. Winston,  
Sept. 28, 1921.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-152:

Letter, State Engineer Emerson to  
Hutchinson, Oct. 6, 1921.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-153:

Letter, E. F. Winston to  
Emerson, Oct. 12, 1921.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-154:

Letter, E. F. Winston to  
Emerson, Jan. 27, 1923.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-155:

Letter, Supervising Engineer Hanna to  
Emerson, Nov. 13, 1922.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-156:

Letter, Hanna to Emerson,  
Jan. 17, 1923.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-157:

Letter, Hanna to State Engineer C. D.  
Shawver, Sept. 10, 1923.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-158:

Letter, Hanna to State Engineer  
Emerson, Sept. 24, 1926.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-159:

Letter, Emerson to Hanna,  
Oct. 1, 1926.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-160:

Letter, U.S. Indian Irrigation  
Service Supervising Engineer  
Herbert Clotts to State  
Engineer Whiting, Aug. 29, 1927.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-161:

Letter, State Engineer Whiting  
to Herbert Clotts.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-162:

Letter, Shoshone Project Super-  
vising Engineer Hanna to State  
Engineer Whiting, Nov. 13, 1928.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-163:

Letter, Hanna to Whiting,  
April 16, 1929.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-164:

Letter, Hanna to Whiting,  
July 5, 1929.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-165:

Letter, Hanna to Whiting,  
July 23, 1929.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-166:

Letter, Shoshone Project Engineer  
Decker to Whiting, July 27, 1929.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-167:

Letter, Indian Field Service Clerk  
Schmehl to Whiting, Aug. 5, 1929.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-168:

Letter, Shoshone Project Engineer  
Decker to Whiting, Aug. 8, 1929.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-169:

Letter, Decker to Whiting,  
Aug. 24, 1929.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-170:

Letter, Whiting to Decker,  
Aug. 27, 1929.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-171:

Letter, Shoshone Project Super-  
vising Engineer Hanna to Whiting,  
Oct. 4, 1930.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-172:

Letter, Indian Irrigation Service  
Ass't Engineer A. H. Farmer to  
State Engineer, Oct. 25, 1934.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-173:

Letter, Supervising Engineer  
Hanna to State Engineer John  
Quinn, Oct. 1, 1936.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-174:

Letter, Shoshone Project Engineer  
Henry Gerharz to State Engineer  
L. C. Bishop. Sept. 15, 1942.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-175:

Letter, Henry Gerharz to  
State Engineer Bishop.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-176:

Letter, Gerharz to Bishop,  
Oct. 13, 1948.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-177:

Letter, Shoshone Project Engineer  
Leon Poitras to Bishop, Dec.  
19, 1951.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	



Wyo. Exhibit WRIR I&P-178:

Letter, Poitras to Bishop,  
Dec. 27, 1954.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-179:

Letter, WRIR Acting Supt. C. E.  
Faulkner to State Engineer Errol  
Lloyd, Sept. 27, 1957.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-180:

Letter, WRIR Superintendent Arthur  
Arnston to State Engineer Lloyd,  
Oct. 26, 1960.

(a) Identified:	p. 11326	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-181:

Letter, WRIR Agent Wadsworth to  
(Shoshone) Mary Large, Sept. 18, 1908.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-182:

Letter, Indian Right Assoc. Agent  
S. M. Brosius, July 30, 1904.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-183:

Letter, George Lajeunesse, a  
Shoshone, to State Engineer  
Johnston, Sept. 3, 1906.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-184:

Letter, Johnston to George Lajeunesse,  
a Shoshone, Sept. 8, 1906.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-185:

Letter, WRIR Agent Wadsworth to State  
Engineer, Dec. 1, 1906.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-186:

Letter, Charles Lajeunesse, a  
Shoshone, to State Engineer,  
Jan. 14, 1911.

(a) Identified:	No reference
(b) Offered:	p. 11288
(c) Admitted:	p. 11289

Wyo. Exhibit WRIR I&P-187:

Colville Confederated Tribes  
v. Walton, 647 F.2d 42 (9th  
Cir., 1981).

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR-DS-1:

Cash Entry Act 1820.

(a) Identified:	p. 11364	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-2:

House Proceeding April 1820  
History of Congress.

(a) Identified:	p. 11364	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-3:

State Selection Lands Act 1841.

(a) Identified:	p. 11364	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-4:

Cong. Globe-House Proceedings.

(a) Identified:	p. 11364	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-5:

Wyo. State Grant Act 1890.

(a) Identified:	p. 11364	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-6:

Homestead Act 1862.

(a) Identified:	p. 11365	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-7:

Cong. Globe, May 7, 1862  
Senate Proceedings.

(a) Identified:	p. 11365	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-8:

Mining Act of 1866.

(a) Identified:	p. 11365	(10/7/81).
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-9:

Cong. Globe 1866  
Senate Proceedings.

(a) Identified:	p. 11366	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-10:

Mining Act of 1870.

(a) Identified:	p. 11366	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-11:

Mining Act of 1872.

(a) Identified:	p. 11366	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-12:

Desert Lands Act of 1877.

(a) Identified:	p. 11367	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-13:

Amended DLA 1891.

(a) Identified:	p. 11367	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-14:

Cong. Record Feb. 27, 1877  
Senate.

(a) Identified:	p. 11367	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-15:

Indian Allotment Act 1887.

(a) Identified:	p. 11369	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-16:

In Lieu Lands Act 1891.

(a) Identified:	p. 11369	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-17:

Carey Act 1894.

(a) Identified:	p. 11369	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-18:

Committee Report Senate  
April 17, 1894.

(a) Identified:	p. 11371	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-19:

Congressional Record House 1894.

(a) Identified:	p. 11372	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-20:

M'Kinney v. Big Horn Basin Co.  
167 F. 770.

(a) Identified:	p. 11373	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-21:

Reclamation Act of 1902.

(a) Identified:	p. 11373	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-22:

House Committee Report  
April 7, 1902.

(a) Identified:	p. 11374	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-23:  
Cong. Record House 1902.

(a) Identified:	No reference
(b) Offered:	p. 11359
(c) Admitted:	p. 11360

Wyo. Exhibit WRIR-DS-24:  
Stock Raising Homestead  
Act 1916.

(a) Identified:	p. 11376	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-25:  
House Committee Report  
Jan. 11, 1916.

(a) Identified:	p. 11375	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-26:  
Cong. Record House 1916.

(a) Identified:	p. 11377	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-27:  
Reclamation Act of 1930.

(a) Identified:	p. 11377	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-28:  
Reclamation Act of 1950.

(a) Identified:	p. 11377	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-29:

1905 Wind River Reservation Act.

(a) Identified:	p. 11377	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-30:

Johnson v. Safeway Stores, Inc.,  
568 P.2d 908.

(a) Identified:	p. 11379	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-31:

United States v. Dunn, 545 F.2d  
1281.

(a) Identified:	p. 11379	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	

Wyo. Exhibit WRIR-DS-32:

Morton v. Mancari, 94 S. Ct.  
2474.

(a) Identified:	p. 11379	(10/7/81)
(b) Offered:	p. 11359	
(c) Admitted:	p. 11360	



Wyo. Exhibit WRIR I&P-188:

U.S. v. Winters, 207 U.S.  
564 (1908).

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-189:

Skeem v. U.S., 273 F. 93  
(9th Cir., 1921).

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-190:

U.S. v. Powers, 308 U.S.  
527 (1939).

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-191:

U.S. v. McIntire, 101 F.2d 650  
(9th Cir., 1939).

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-192:

Arizona v. California, 439 U.S.  
419 (1979).

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-193:

Letter, Commissioner of Indian Affairs Jones to Sec'y of Interior, Sept. 17, 1904.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-194:

Report of WRIR Agent James Patten, Sept. 1, 1877, House Exh. Doc. 1, Part 5, pps. 603-606, 45th Congress, 2d Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-195:

Report of WRIR Agent Charles Hatton, Aug. 24, 1880, House Ex. Doc. 1, Part 5, pps. 298-299, 46th Congress, 3d Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-196:

Report of WRIR Agent Charles Hatton, Aug. 22, 1881, House Ex. Doc. 1, Part 5, pps. 240-242, 47th Congress, 1st Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-197:

Report of WRIR Agent S. R. Martin,  
Aug. 15, 1884, House Ex. Doc. 1,  
Part 5, pps. 226-228, 48th Congress,  
2d Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-198:

Report of WRIR Agent Thomas Jones,  
August, 1886, House Ex. Doc. 1,  
Part 5, pps. 476-480, 49th  
Congress, 2d Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-199:

Report of WRIR Agent Jones,  
July 25, 1887, House Ex. Doc.  
1, Part 5, pps. 303-315, 50th  
Congress, 1st Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-200:

Report of WRIR Agent John Fosher,  
Aug. 24, 1892, House Ex. Doc. 1,  
Part 5, pps. 521-524, 53d  
Congress, 2d Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-201:

Report of WRIR Agent Richard Wilson, Aug. 16, 1895, House Doc. 5, pps. 334-35, 54th Congress, 1st Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-202:

Report of WRIR Agent Wilson, Aug. 25, 1897, House Doc. 5, pps. 214-16, 55th Congress, 2d Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-203:

Report of WRIR Agent H. G. Nickerson, Aug. 24, 1898, House Doc. 5, pps. 322-34, 55th Congress, 3d Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-204:

Report of WRIR Agent Nickerson, Aug. 25, 1899, House Doc. 5, pps. 377-79, 56th Congress, 1st Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-204A:

Report of WRIR Agent Nickerson, Aug. 28, 1900, House Doc. 5, pps. 413-15, 56th Congress, 2d Session.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-205:

Act of July 15, 1870,  
16 Stat. 335.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-206:

Act of June 22, 1874,  
18 Stat. 146.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-207:

Act of March 3, 1875,  
18 Stat. 420.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-208:

Act of Aug. 15, 1876,  
19 Stat. 176.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-209:

Act of March 3, 1877,  
19 Stat. 271.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-210:

Act of May 27, 1878,  
20 Stat. 63.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-211:

Act of Feb. 17, 1879,  
20 Stat. 295.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-212:

Act of May 11, 1880,  
21 Stat. 114.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-213:

Act of May 17, 1882,  
22 Stat. 68.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-214:

Act of March 1, 1883,  
22 Stat. 433.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-215:

Act of July 4, 1884,  
23 Stat. 76.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-216:

Act of March 3, 1885,  
23 Stat. 362.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-217:

Act of March 2, 1889,  
25 Stat. 980.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-218:

Act of March 3, 1891,  
26 Stat. 120.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo Exhibit WRIR I&P-219:

Act of July 13, 1892,  
23 Stat. 362.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-220:

Act of March 3, 1893,  
27 Stat. 612.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-221:

Act of June 7, 1897,  
30 Stat. 62.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-222:

Act of August 15, 1894,  
28 Stat. 286.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-223:

Act of March 2, 1895,  
28 Stat. 876.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-224:

Act of June 10, 1896,  
29 Stat. 321.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	



Wyo. Exhibit WRIR I&P-225:

Act of March 3, 1909,  
35 Stat. 781.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-226:

Act of July 1, 1898,  
30 Stat. 571.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-227:

Act of March 1, 1899,  
30 Stat. 924.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-228:

Act of May 31, 1900,  
31 Stat. 221.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-229:

Act of March 3, 1901,  
31 Stat. 1058.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-230:

Act of May 27, 1902,  
32 Stat. 245.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-231:

Act of March 3, 1903,  
32 Stat. 902.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-232:

Act of March 3, 1905,  
33 Stat. 1048.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-233:

Act of June 21, 1906,  
34 Stat. 325.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-234:

Act of March 3, 1911,  
36 Stat. 1058.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-235:

Act of Aug. 12, 1912,  
37 Stat. 518.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-236:

Act of Aug. 1, 1914,  
38 Stat. 582.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

Wyo. Exhibit WRIR I&P-237:

Act of Mar. 2, 1917,  
39 Stat. 969.

(a) Identified:	p. 11333	(10/7/81)
(b) Offered:	p. 11288	
(c) Admitted:	p. 11289	

United States Exhibit WRIR CS-408:

Entire Wyeth journal

(a) Identified:	p.	11387	(10/20/81)
(b) Offered:	p.	11386	
(c) Admitted:	p.	11387	

Wyoming Exhibit WRIR AK-12:

Resume of T. Keith

(a) Identified:	p.	11401	(10/20/81)
(b) Offered:	p.	11402	
(c) Admitted:	p.	11406	

Wyoming Exhibit WRIR AK-1:

Keith map showing aesthetic area

(a) Identified:	p.	11419	(10/20/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-2:

Photo by Keith of Wyse Flats

(a) Identified:	p.	11426	(10/02/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-3:

Photo by Keith of Bull Lake area

(a) Identified:	p.	11428	(10/20/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-4:

Photo by Keith near Hidden Valley Ranch

(a) Identified:	p.	11430	(10/20/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-5:

Photo by Keith near Dry Cottonwood  
Creek -- Owl Creek Mountain

(a) Identified	p.	11431	(10/20/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-6:

Photo by Keith near Hidden Valley  
Ranch

(a) Identified:	p.	11436	(10/20/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-7:

Photo by Keith near Goat Creek drainage  
-- Owl Creek Mountain

(a) Identified:	p.	11437	(10/20/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-8:

Hog Park Creek -- Carbon County,  
Wyoming -- photo

(a) Identified:	p.	11445	(10/20/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-9:

Photo Hog Park Creek -- Wyoming

(a) Identified:	p.	11448	(10/20/81)
(b) Offered:	p.	11479	
(c) Admitted:	p.	11540	

Wyoming Exhibit WRIR AK-10:

Copy of entire report from which  
photographs were taken

(a) Identified:	p.	11480	(10/20/81)
(b) Offered:	p.	11480	
(c) Admitted:	p.		

Wyoming Exhibit WRIR GW-1:

Watts resume

(a) Identified:	p.	11548	(10/20/81)
(b) Offered:	p.	11548	
(c) Admitted:	p.	11511	

Wyoming Exhibit WRIR DP-1:

Resume Dozy

(a) Identified:	p.	11633	(10/21/81)
(b) Offered:	p.	11634	
(c) Admitted:	p.	11639	

Wyoming Exhibit WRIR DP-2:

9" X 9" foam board -- photo

(a) Identified:	p.	11647	(10/21/81)
(b) Offered:	p.	11676	
(c) Admitted:	p.	11706	

Wyoming Exhibit WRIR DP-3:

30" X 30" foam board -- enlargement

(a) Identified:	p.	11676	(10/21/81)
(b) Offered:	p.	11676	
(c) Admitted:	p.	11706	

Wyoming Exhibit WRIR DP-4 through 8:

Diagrams of aerial photography

(a) Identified:	p.	11676	(10/21/81)
(b) Offered:	p.	11676	
(c) Admitted:	p.	11706	

United States Exhibit WRIR JD-1:

Horizons, Incorporated Wind River  
Project Letter of September 29, 1981  
in attachment

(a) Identified:	p.	11687	(10/21/81)
(b) Offered:	p.	11703	
(c) Admitted:	p.	11706	

Wyoming Exhibit WRIR MS-1:

Resume of McRobbie

(a) Identified:	p.	11742	(10/21/81)
(b) Offered:	p.	11742	
(c) Admitted:	p.	11742	

Wyoming Exhibit WRIR MS-2 through 7:

Foam-backed photo with McRobbie surveyed overlay

(a) Identified:	p.	11750 thru 11733	(10/21/81)
(b) Offered:	p.	11784	
(c) Admitted:	p.	11817	

Wyoming Exhibit WRIR BG-1:

Resume: Brogden

(a) Identified:	p.	11836	(11/09/81)
(b) Offered:	p.	11837	
(c) Admitted:	p.	11885	

Wyoming Exhibit WRIR BG-2:

United States statement of claims regards ground water -- P,15

(a) Identified:	p.	11845	(11/09/81)
(b) Offered:	p.	11854	
(c) Admitted:	p.	11855	

Wyoming Exhibit WRIR BG-3:

Tribe's statement of claims regard ground water -- P-2-3

(a) Identified:	p.	11845	(11/09/81)
(b) Offered:	p.	11854	
(c) Admitted:	p.	11855	

Wyoming Exhibit WRIR BG-4:

Drawing of artesian ground water system

(a) Identified:	p.	11843	(11/09/81)
(b) Offered:	p.	11854	
(c) Admitted:	p.	11855	

Wyoming Exhibit WRIR LC-1:

Carver resume

(a) Identified:	p. 11892	(11/09/81)
(b) Offered:	p. 11893	
(c) Admitted:	p. 11894	

Wyoming Exhibit WRIR LC-2:

Economic analysis budget prepared  
by Carver

(a) Identified:	p. 11926	(11/09/81)
(b) Offered:	p. 11965	
(c) Admitted:	p. 12128	

Wyoming Exhibit WRIR LC-2 A:

Cattle prices

(a) Identified:	p. 11930	(11/09/81)
(b) Offered:	p. 11965	
(c) Admitted:	p. 12128	

Wyoming Exhibit WRIR LC-2 B:

Feed rations

(a) Identified:	p. 11934	(11/09/81)
(b) Offered:	p. 11965	
(c) Admitted:	p. 12128	

Wyoming Exhibit WRIR LC-2 C:

Feed costs

(a) Identified:	p. 11937	(11/09/81)
(b) Offered:	p. 11965	
(c) Admitted:	p. 12128	

Wyoming Exhibit WRIR LC-2 D:

Feed -- winter season

(a) Identified:	p. 11939	(11/09/81)
(b) Offered:	p. 11965	
(c) Admitted:	p. 12128	



Wyoming Exhibit WRIR LC-3:

Livestock budget -- financial analysis

(a) Identified:	p.	11947	(11/09/81)
(b) Offered:	p.	11965	
(c) Admitted:	p.	12128	

Wyoming Exhibit WRIR LC-4:

Water requirement for livestock

(a) Identified:	p.	11954	(11/09/81)
(b) Offered:	p.	11965	
(c) Admitted:	p.	12128	

Wyoming Exhibit WRIR LC-4 A:

Same as above without change for  
evapo loss

(a) Identified:	p.	11955	(11/09/81)
(b) Offered:	p.		
(c) Admitted:	p.		

United States Exhibit WRIR RC-1:

Soil inventory of WRIR

(a) Identified:	p.	12032	(11/10/81)
(b) Offered:	p.	12107	
(c) Admitted:	p.	12126	

United States Exhibit WRIR RC-2:

USDA publication reference cost of  
producing livestock

(a) Identified:	p.	12064	(11/10/81)
(b) Offered:	p.	12107	
(c) Admitted:	p.	12126	

United States WRIR RC-3:

Cattle prices list 1974-1979

(a) Identified:	p.	12088	(11/10/81)
(b) Offered:	p.	12107	
(c) Admitted:	p.	12126	

United States Exhibit WRIR RC-4:

Alfalfa price 1975 - 1979

(a) Identified:	p.	12091	(11/10/81)
(b) Offered:	p.	12107	
(c) Admitted:	p.	12126	

United States Exhibit WRIR RC-5:

Input -- output data for cattle in Wyoming

(a) Identified:	p.	12097	(11/10/81)
(b) Offered:	p.	12107	
(c) Admitted:	p.	12126	

United States Exhibit WRIR RC-6:

Graph showing steer/calf prices converted to 1979 dollars

(a) Identified:	p.	12099	(11/10/81)
(b) Offered:	p.	12108	
(c) Admitted:	p.	12126	

Wyoming Exhibit WRIR HFB-1:

Net irrigation in diversion requirements for unadjudicated in use

(a) Identified:	p.	12139	(11/10/81)
(b) Offered:	p.	12139	
(c) Admitted:	p.	12152	

Wyoming Exhibit WRIR TH-20:

Amended stipulation of Sutron report

(a) Identified:	p.	12283	(11/12/81)
(b) Not Offered			
(c) Previously Admitted			

Wyoming Exhibit WRIR TH-21:

Current list of tribal roles

(a) Identified:	p.	12284	(11/12/81)
(b) Offered:	p.		
(c) Admitted:	p.		

Wyoming Exhibit WRIR TH-19:

Summarization of analysis

(a) Identified:	p.	12310	(11/12/81)
(b) Offered:	p.	12338	
(c) Admitted:	p.		

Wyoming Exhibit WRIR SS-1000:

Class 6 nonadjudicated in-use tabulation

(a) Identified:	p.	12422	(11/12/81)
(b) Offered:	p.	12743	
(c) Admitted:	p.		

Wyoming Exhibit WRIR SS-1001:

Miscellaneous tracts to be excluded within unadjudicated in-use

(a) Identified:	p.	12444	(11/12/81)
(b) Offered:	p.	12743	
(c) Admitted:	p.		

Wyoming Exhibit WRIR SS-1002:

Non-arable land within adjudicated irrigated tracts

(a) Identified:	p.	12449	(11/12/81)
(b) Offered:	p.	12743	
(c) Admitted:	p.		

Wyoming Exhibit WRIR SS-1003:

Tracts non-arable or sub-irrigated within feed tracts, type 5's, 6's.

(a) Identified:	p.	12451	(11/12/81)
(b) Offered:	p.	12743	
(c) Admitted:	p.		

United States Exhibit WRIR CS-101:

Unadjudicated land in use Billstein --  
Sommers

(a) Identified:	p.	12480	(11/13/81)
(b) Offered:	p.	12503	
(c) Admitted:	p.	12504	

United States Exhibit WRIR CS-102:

Log re: photo interpretation

(a) Identified:	p.	12485	(11/13/81)
(b) Offered:	p.	12504	
(c) Admitted:	p.	12504	

Tribes Exhibit WRIR CS-1:

Higginson evaluation, irrigated

(a) Identified:	p.	12501	(11/13/81)
(b) Offered:	p.	12504	
(c) Admitted:	p.	12505	

United States Exhibit WRIR CS-100:

USDR space report on Wind River diversion

(a) Identified:	p.	12503	(11/13/81)
(b) Offered:	p.	12503	
(c) Admitted:	p.	12504	

Wyoming Exhibit WRIR DR-1:

Resume Reher

(a) Identified:	p.	12520	(11/13/81)
(b) Offered:	p.	12520	
(c) Admitted:	p.	12504	

Wyoming Exhibit WRIR HSO-1:

Resume - Sostrom

(a) Identified:	p. 12576	(11/13/81)
(b) Offered:	p. 12576	
(c) Admitted:	p. 12577	

Wyoming Exhibit WRIR HSO-4:

State evaluation of the unadjudicated,  
formally in use type 7 lands.

(a) Identified:	p. 12631	(11/13/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-16 through 24:

Hand-held photograph

(a) Identified:	p. 12634	(11/13/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-5:

Stream-by-stream summary, unadjudicated  
formally in use type 7 trust lands by  
drainage.

(a) Identified:	p. 12634	(11/13/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-6:

Tract-by-tract comparison of invest-  
ment costs for type 7 lands.

(a) Identified:	p. 12650	(11/16/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-6 A:

Summary of the totals of investment  
costs.

(a) Identified:	p. 12650	(11/16/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-10 (Revised):

Illustrates acreage of Wyoming's  
evaluation after analysis.

(a) Identified:	p. 12654	(11/16/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-7 (Second Revision):

Tabulation of acres adjudicated trust  
lands presently irrigated.

(a) Identified:	p. 12678	(11/16/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-8 (Revised):

Tabulation of presently in-use in  
their average diversion requirements.

(a) Identified:	p. 12682	(11/16/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-3 (Second Revision):

Tabulation summarizing the United States  
claims from Exhibit C-137-A.

(a) Identified:	p. 12692	(11/16/81)
(b) Offered:	p.	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-13:

Unadjudicated trust lands, type 7,  
with water diversion requirements  
determined.

(a) Identified:	p. 12707	(11/16/81)
(b) Offered:	p.	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-2-A  
(Revised version of HSO-2 Second Revision):

(a) Identified:	p. 12726	(11/18/81)
(b) Offered:	p. 12742	
(c) Admitted:	p. 12795	

Wyoming Exhibit WRIR HSO-3-A:

Revision of Exhibit WRIR HSO-3  
(Second Revision)

(a) Identified:		
(b) Offered:	p. 12727	(11/18/81)
(c) Admitted:	p. 12742	
	p. 12795	

Wyoming Exhibit WRIR HSO-9:

Combination of historic claims and  
Wyoming's evaluation of these claims.

(a) Identified:		
(b) Offered:	p. 12734	(11/18/81)
(c) Admitted:	p. 12742	
	p. 12795	

Wyoming Exhibit WRIR HSO-2 (Second Revision):

Tract-by-tract comparison of United  
States claims by types.

(a) Identified:		
(b) Offered:	p. 12690	(11/18/81)
(c) Admitted:	p. 12742	
	p. 12795	

Tribes Exhibit WRIR HSO-1:

Portion of the deposition of the  
Tribes of the United States called  
Sostrom - JJ.

(a) Identified:		
(b) Offered:	p. 12896	(11/19/81)
(c) Admitted:	p. 13052	
	p. 13053	

United States Exhibit WRIR HSO-A:

Panoramic photograph with five  
hand-held photos.

(a) Identified:		
(b) Offered:	p. 12999	(11/19/81)
(c) Admitted:	p. 13129	
	p. 13130	

United States Exhibit WRIR HSO-B:

Letter from Mr. Marcotte, Jr. BOR;  
W. R. T. Tracts 8-1, 8-2.

(a) Identified:		
(b) Offered:	p. 13005	(11/19/81)
(c) Admitted:	p. 13129	
	p. 13129	

United States Exhibit WRIR HS-C:

Hand-held photo of field 26-3.

(a) Identified:	p.	13074	(11/19/81)
(b) Offered:	p.	13129	
(c) Admitted:	p.	13130	

United States Exhibit WRIR HSO-D:

Hand-held photo of field 26-3.

(a) Identified:	p.	13095	(11/19/81)
(b) Offered:	p.	13129	
(c) Admitted:	p.	13130	

Wyoming Exhibit WRIR PW-1:

Resume -- Wilson.

(a) Identified:	p.	13182	(12/01/81)
(b) Offered:	p.	13182	
(c) Admitted:	p.	13186	

Wyoming Exhibit WRIR PW-2:

Wilson doctoral dissertation.

(a) Identified:	p.	13187	(12/01/81)
(b) Offered:	p.	13238	
(c) Admitted:	p.	13248	

Wyoming Exhibit WRIR FSO-2 A through 2 F:

Sostrom map showing topographical conflict on Mesghinna futures.

(a) Identified:	p.	13277	(12/01/81)
(b) Offered:	p.	13378	
(c) Admitted:	p.	13436	

Wyoming Exhibit WRIR FSO-1213:

Hand-held photos of future lands -- Riverton East.

(a) Identified:	p.	13277	(12/01/81)
(b) Offered:	p.	13378	
(c) Admitted:	p.	13436	



Wyoming Exhibit WRIR FS-1:

Tabulation of land: topographic  
problems on Mesghinna fields.

(a) Identified:	p. 13292	(12/01/81)
(b) Offered:	p. 13378	
(c) Admitted:	p. 13436	

Wyoming Exhibit WRIR FSO-3:

Wyoming irrigation acres by combination  
prior to economic analysis.

(a) Identified:	p. 13296	(12/01/81)
(b) Offered:	p. 13378	
(c) Admitted:	p. 13436	

Wyoming Exhibit WRIR FSO-6 A, B, & C:

Keller (Bliesner) fields with state  
arable lands base.

(a) Identified:	p. 13297	(12/01/81)
(b) Offered:	p. 13378	
(c) Admitted:	p. 13436	

Wyoming Exhibit WRIR FSO-5:

Tabulation of topographic problems  
in Bliesner's fields.

(a) Identified:	p. 13301	(12/01/81)
(b) Offered:	p. 13378	
(c) Admitted:	p. 13436	

Wyoming Exhibit WRIR FSO-7:

Tabulation of Wyoming irrigated  
acres (pre-Echo) and Bliesner  
project.

(a) Identified:	p. 13301	(12/01/81)
(b) Offered:	p. 13378	
(c) Admitted:	p. 13436	

Wyoming Exhibit WRIR FSO-15 A through 15 E:

Type 8 lands; plates 11-15.

(a) Identified:	p. 13302	(12/01/81)
(b) Offered:	p. 13378	
(c) Admitted:	p. 13436	

Wyoming Exhibit WRIR FSO-14:

Tabulation of type 8 lands, irrigable  
(economics) by pump station.

(a) Identified:	p. 13304	(12/02/81)
(b) Offered:	p. 13378	
(c) Admitted:	p. 13442	

Wyoming Exhibit WRIR FSO-4 A:

Itemization of Sostrom costs for the  
future projects.

(a) Identified:	p. 13318	(12/02/81)
(b) Offered:	p. 13378	
(c) Admitted:	p. 13436	

Wyoming Exhibit WRIR FSO-4:

Tabulation of costs variations --  
Wyoming, 5 Mesghinna & Bliesner.

(a) Identified:	p. 13325	(12/02/81)
(b) Offered:	p. 13378	
(c) Admitted:	p.	

Wyoming Exhibit WRIR FSO-4 B:

Tabulation of additional costs  
not included in the United States  
and Tribes' future.

(a) Identified:	p. 13328	(12/02/81)
(b) Offered:	p. 13378	
(c) Admitted:	p.	

Wyoming Exhibit WRIR FSO-4 C:

Tabulation comparisons of costs for  
type 8 lands.

(a) Identified:	p. 13335	(12/02/81)
(b) Offered:	p. 13378	
(c) Admitted:	p.	

Tribes Exhibit WRIR HSF-2:

Sostrom's worksheets dealing with pump costs for Bliesner project.

(a) Identified:	p. 13628	(12/03/81)
(b) Offered:	p. 13628	
(c) Admitted:	p. 13689	

Tribes Exhibit WRIR HSF-3:

Worksheets dealing with pipe network costs.

(a) Identified:	p. 13628	(12/03/81)
(b) Offered:	p. 13628	
(c) Admitted:	p. 13689	

United States Exhibit WRIR HSO-H:

Copy of Sostrom depo exhibit dealing with black-and-white photo study.

(a) Identified:	p. 13632	(12/03/81)
(b) Offered:	p. 13652	
(c) Admitted:	p. 13658	

Wyoming Exhibit WRIR FSO-101:

Letter from Jack Long, manager of Midvale Irrigation District.

(a) Identified:	p. 13667	(12/03/81)
(b) Offered:	p. not offered	
(c) Admitted:	p. not offered	

Wyoming Exhibit WRIR FSO-100:

Sostrom's determination of B-C ratios by pump stations.

(a) Identified:	p. 13674	(12/03/81)
(b) Offered:	p. 13689	
(c) Admitted:	p. 13690	

Wyoming Exhibit WRIR HFB-1 A and 1 B:

Tract-by-tract tabulations of the net irrigation and diversion requirements for the unadjudicated in-use lands.

(a) Identified:	p.	13697	(12/03/81)
(b) Offered:	p.	13707	
(c) Admitted:	p.	13829	

Wyoming Exhibit WRIR HFB-2:

Tabulation of the net irrigation and diversion requirements for type 7 lands.

(a) Identified:	p.	13698	(12/03/81)
(b) Offered:	p.	13707	
(c) Admitted:	p.	13829	

Wyoming Exhibit WRIR HFB-3:

Tabulation of net irrigation and diversion requirements for presently irrigated and adjudicated lands.

(a) Identified:	p.	13698	(12/03/81)
(b) Offered:	p.	13707	
(c) Admitted:	p.	13829	

Wyoming Exhibit WRIR HFB-4:

Tabulation of net irrigation and diversion requirements for Indian-owned fee lands presently in use.

(a) Identified:	p.	13698	(12/03/81)
(b) Offered:	p.	13707	
(c) Admitted:	p.	13829	

Wyoming Exhibit WRIR HFB-5:

Summary of historic claims of irrigable acres and water requirements.

(a) Identified:	p.	13699	(12/03/81)
(b) Withdrawn	p.	13709	

Wyoming Exhibit WRIR FFB-1:

Tabulation of the net irrigation and diversion requirements for future type 8 lands.

(a) Identified:	p.	13704	(12/03/81)
(b) Offered:	p.	13707	
(c) Admitted:	p.	13829	

Wyoming Exhibit WRIR FFB-2:

Summary of the net irrigation and diversion requirements for the type 8 lands.

(a) Identified:	p.	13705	(12/03/81)
(b) Offered:	p.	13707	
(c) Admitted:	p.	13829	

Wyoming Exhibit WRIR FFB-3:

Summary of the net irrigation and diversion requirements for the future projects.

(a) Identified:	p.	13705	(12/03/81)
(b) Offered:	p.	13707	
(c) Admitted:	p.	13829	

Wyoming Exhibit WRIR HFB-5-A:

Summary of the historic claims of irrigable acres, water requirements for the diversion and amount consumptively used as presented by the tribes of the states of Wyoming of the United States.

(a) Identified:	p.	13709	(12/04/81)
(b) Offered:	p.	13710	
(c) Admitted:	p.	13829	

Defendant Holly Sugar Exhibit S #1:

Financial account of Holly Sugar for fiscal year April 1, 1980 through March 31, 1981 including money paid for sugar beet crop, payroll, energy cost, operating, supplies, repairs, and maintenance, property taxes, insurance, office overhead, and sale taxes.

a. Identified:	p. 13878	(12/8/81)
b. Offered:	p. 13888	
c. Admitted:	p. 13889	

Defendant Exhibit OCU-1:

Contract with the United States Department of Interior Bureau of Reclamation in the Elk Creek Unit.

a. Identified:	p. 13893	(12/8/81)
b. Offered:	p. 13928	
c. Admitted:	p. 13928	

Defendant Lower Hanover Exhibit LH-3:

Agreement between the Secretary of Interior and the Governor of the State of Wyoming.

a. Identified:	p. 14068	(12/9/81)
b. Offered:	p. 14077	
c. Admitted:	p. 14077	

Defendant Exhibit LK-1:

List of irrigation water rights with respect to the HD Ranch.

a. Identified:	p. 14097	(12/9/81)
b. Offered:	p. 14103	
c. Admitted:	p. 14103	

Defendant Exhibit KL-2:

Same as above mentioned. Exhibit with markings for reservoirs, springs, and ground water sources.

a. Identified:	p. 14098	(12/9/81)
b. Offered:	p. 14103	
c. Admitted:	p. 14103	

Deaver - Willwood Owl Exhibit 1  
and 2:

Public notices of settlement on  
Reclamation project brochures and  
advertisements.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14195 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 3:

First public notice for second  
division of project, 1917.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14196 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 4:

First public notice for entry for  
the Willwood Division, 1927.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14196 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 5:

Photo showing man irrigating, 1909.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14197 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 6:

Photo showing settlers arriving for  
opening of new land on the Frannie,  
1917.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14197 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 7:

Photo taken in front of Bureau of Reclamation Office in Powell, 1920.

- a. Identified:
- b. Offered: p. 14198 (12/9/81)
- c. Admitted: p. 14127

Deaver - Willwood Owl Exhibit 9:

Government historians photo, 1935.

- a. Identified:
- b. Offered: p. 14198 (12/9/81)
- c. Admitted: p. 14127

Deaver - Willwood Owl Exhibit 13:

Pictorial history; Dams, Ditches and Water.

- a. Identified:
- b. Offered: p. 14199 (12/9/81)
- c. Admitted: p. 14217

Deaver - Willwood Owl Exhibit 12:

Photo, Powell, Wyoming, 1980.

- a. Identified:
- b. Offered: p. 14200 (12/9/81)
- c. Admitted: p. 14217

Deaver - Willwood Owl Exhibit 21:

Photo depicting windrowing malt barley.

- a. Identified:
- b. Offered: p. 14200 (12/9/81)
- c. Admitted: p. 14217

Deaver - Willwood Owl Exhibit 8:

Photo showing Main Street of Powell, Wyoming, 1927.

- a. Identified:
- b. Offered: p. 14201 (12/9/81)
- c. Admitted: p. 14217



Deaver - Willwood Owl Exhibit 10:

Same as above entry.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14201 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 11:

Photo showing bean mills, Big Horn Co-op and associated seed building, 1944.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14201 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 22:

Photo Main Street, Powell, Wyoming, 1976.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14202 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 15:

Monthly agricultural supplement to the Powell Tribune.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14202 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 16:

Special edition, The Willwood.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14203 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 17:

Special edition -- October 1981 - The Strugglers.

- |                |          |           |
|----------------|----------|-----------|
| a. Identified: | p. 14203 | (12/9/81) |
| b. Offered:    | p. 14217 |           |
| c. Admitted:   | p. 14217 |           |

Deaver - Willwood Owl Exhibit 14:

Bicentennial special edition,  
Homesteading in General, June  
1976.

a. Identified:	p. 14204	(12/9/81)
b. Offered:	p. 14217	
c. Admitted:	p. 14217	

Deaver - Willwood Owl Exhibit 18:

Original notice of adjudication  
of permits for irrigation districts.

a. Identified:	p. 14216	(12/9/81)
b. Offered:	p. 14217	
c. Admitted:	p. 14217	

Deaver - Willwood Owl Exhibit 20:

Bureau of Reclamation document de-  
picting cost incurred by United  
States for Shoshone reclamation  
project, 2/19/64.

a. Identified:	p. 14369	(12/9/81)
b. Offered:	p. 14370	
c. Admitted:	p. 14371	

Deaver - Willwood Owl Exhibit 19:

Bureau of Reclamation -- schedule of  
obligations owed to the United States  
by irrigation districts through 1964.

a. Identified:	p. 14370	(12/9/81)
b. Offered:	p. 14370	
c. Admitted:	p. 14371	

CLDM-4:

Notification from the Wyoming  
Farm Loan Board.

- a. Identification: p. 13340 (12/7/81)
- b. Offered: p. 13374
- c. Admitted: p. 13374

CLDM-9:

Statement of expenditures on  
the water system and a statement  
of expenditures on the sewer system  
to date.

- a. Identification: p. 13340 (12/7/81)
- b. Offered: p. 13374
- c. Admitted: p. 13374

CLDM-10:

Between the City of Lander and  
Lane - Western Company, Inc.  
of Denver to drill the well.

- a. Identification: p. 13342 (12/7/81)
- b. Offered: p. 13374
- a. Admitted: p. 13374

CLRN-6:

Map.

- a. Identification: p. 13379a (12/7/81)
- b. Offered: p. 13398a
- c. Admitted: p. 13400a

CLRN-1:

Map.

- a. Identification: p. 13381a (12/7/81)
- b. Offered: p. 13398a
- c. Admitted: p. 13400a

CLRN-2:

Graphic exposure of the City of Lander's diversion of water from municipal use for a ten-year average.

- a. Identified: p. 13383a (12/7/81)
- b. Offered: p. 13398a
- c. Admitted: p. 13400a

CLRN-3:

Numerical tabulation values as are shown by number 2.

- a. Identified: p. 13383a (12/7/81)
- b. Offered: p. 13398a
- c. Admitted: p. 13400a

CLRN-4:

A bar graph showing in millions of gallons or in acre feet the total municipal use for the year 1970 to 1979.

- a. Identified: p. 13383a (12/7/81)
- b. Offered: p. 13398a
- c. Admitted: p. 13400a

CLRN-7:

Graph.

- a. Identified: p. 13386a (12/7/81)
- b. Offered: p. 13398a
- c. Admitted: p. 13400a

CLRN-8:

Page out of the Vogel Fisheries Report.

- a. Identified: p. 13389a (12/7/81)
- b. Offered: p. 13398a
- c. Admitted: p. 13400a

CLRN-2-C:

Federal in-stream flow claims prorated to three branches of the Popo Agie.

- a. Identified: p. 13390a (12/7/81)
- b. Offered: p. 13398a
- c. Admitted: p. 13400a

CLRN-2-D:

Graphic representation.

- |                |           |           |
|----------------|-----------|-----------|
| a. Identified: | p. 13392a | (12/7/81) |
| b. Offered:    | p. 13398a |           |
| c. Admitted:   | p. 13400a |           |

CLRN-5:

Tabulation of total monthly discharges of the sewer treatment facilities in millions of gallons.

- |                |            |           |
|----------------|------------|-----------|
| a. Identified: | p. 13395a. | (12/7/81) |
| b. Offered:    | p. 13398a  |           |
| c. Admitted:   | p. 13400a  |           |

CLRN-2-B:

Addition to original graph CLRN-2.

- |                |           |           |
|----------------|-----------|-----------|
| a. Identified: | p. 13396a | (12/7/81) |
| b. Offered:    | p. 13398a |           |
| c. Admitted:   | p. 13400a |           |

WSTS-1:

Record of the Wyoming State Training School resident population from June 30, 1969 through June 30, 1979.

- |                |           |           |
|----------------|-----------|-----------|
| a. Identified: | p. 13420a | (12/7/81) |
| b. Offered:    | p. 13432a |           |
| c. Admitted:   | p. 13433a |           |

WSTS-2:

Wyoming State Training School budget for fiscal year 1979.

- |                |           |           |
|----------------|-----------|-----------|
| a. Identified: | p. 13421a | (12/7/81) |
| b. Offered:    | p. 13432a |           |
| c. Admitted:   | p. 13433a |           |

WSTS-3:

Land description for all of the land held by the Wyoming State Training School.

- |                |            |           |
|----------------|------------|-----------|
| a. Identified: | p. 13423a  | (12/7/81) |
| b. Offered:    | p. 13432a. |           |
| c. Admitted:   | p. 13433a  |           |

WSTS-4:

Crop and livestock report,  
July 1, 1977 to June 7, 1978.

- a. Identified:
- b. Offered: p. 13424a (12/7/81)
- c. Admitted: p. 13432a  
p. 13433a

WSTS-5:

Monthly water usage report for  
the Wyoming State Training School  
for the years 1968, 1973, and  
1979.

- a. Identified:
- b. Offered: p. 13425a (12/7/81)
- c. Admitted: p. 13432a  
p. 13433a

WSTS-6:

Numerical tabulation.

- a. Identified:
- b. Offered: p. 13426a (12/7/81)
- c. Admitted: p. 13432a  
p. 13433a

WSTS-7:

History on the federal funding for  
the Wyoming State Training School  
for the years 1965 to 1968.

- a. Identified:
- b. Offered: p. 13429a (12/7/81)
- c. Admitted: p. 13432a  
p. 13433a

WS-1, 2, 3, 4:

Permits.

- a. Identified:
- b. Offered: p. 13481a (12/7/81)
- c. Admitted: p. 13481a  
p. 13480a

CLFB-3:

Number of loans and amount of money  
out on loan.

- a. Identified:
- b. Offered: p. 13489a (12/7/81)
- c. Admitted: p. 13500a  
p. 13500a

CLFB-1:

Guide to determine kind of expenses on certain types of operation.

- a. Identified: p. 13491a (12/7/81)
- b. Offered: p. 13500a
- c. Admitted: p. 13500a

CLFB-2:

Guide to project expenses in producing a acre of beets or produce an acre of grain.

- a. Identified: p. 13492a (12/7/81)
- b. Offered: p. 13500a
- c. Admitted: p. 13500a

John L. Longfellow Exhibit #1-2-3:

Court record of when lands were patented.

- a. Identified: p. 13517a (12/7/81)
- b. Offered: p. 13517a
- c. Admitted: p. 13517a

City of Riverton Exhibit CR-1:

Document.

- a. Identified: p. 13535a (12/7/81)
- b. Offered: p. 13576a
- c. Admitted: p. 13577a

CR-2:

Composit based on the records of the City of Riverton from the years 1916 through 1981 and all of the investments in water and waste water that have incurred in the community.

- a. Identified: p. 13567a (12/7/81)
- b. Offered: p. 13576a
- c. Admitted: p. 13577a

LeClair Exhibit #1:

Assessment role for the LeClair  
Irrigation District.

- a. Identified: p. 13579a (12/7/81)
- b. Offered: p. 13628a
- c. Admitted: p. 13629a

LeClair #2:

Analysis of assessment role.

- a. Identified: p. 13581a (12/7/81)
- b. Offered: p. 13628a
- c. Admitted: p. 13629a

LeClair #3:

Amendment of Permit #7300 to show  
the lands irrigated by the LeClair  
Riverton #2 Canal.

- a. Identified: p. 13585a (12/7/81)
- b. Offered: p. 13628a
- c. Admitted: p. 13629a

LeClair #4:

Assessment to the Indian Service  
at Fort Washakie for the lands  
that the water had been delivered  
to under the LeClair Irrigation  
District.

- a. Identified: p. 13587a (12/7/81)
- b. Offered: p. 13628a
- c. Admitted: p. 13639a

LeClair #5 through #8:

Production report prepared by the  
Bureau of Reclamation.

- a. Identified: p. 13590a (12/7/81)
- b. Offered: p. 13628a
- c. Admitted: p. 13629a



LeClair #11:

Water service contract between the United States Department of Interior, Bureau of Reclamation and the LeClair - Riverton Valley Irrigation Districts.

- a. Identified: p. 13602a (12/7/81)
- b. Offered: p. 13628a
- c. Admitted: p. 13629a

LeClair #9:

Affidavit.

- a. Identified: p. 13605a (12/7/81)
- b. Offered: p. 13628a
- c. Admitted: p. 13629a

LeClair #10:

Document written protesting the inclusion of Muddy Ridge in the Midvale Irrigation District.

- a. Identified: p. 13607a (12/7/81)
- b. Offered: p. 13628a
- c. Admitted: p. 13629a

Midvale M-1:

Is the 1981 assessment role for all classified lands in the district.

- a. Identified: p. 13631a (12/7/81)
- b. Offered: p. 13745a
- c. Admitted: p. 13746a

M-2:

Water service contract summary for the year of 1981.

- a. Identified: p. 13635a (12/7/81)
- b. Offered: p. 13745a
- c. Admitted: p. 13746a

M-3:

Map of the withdrawal area on the Riverton reclamation project.

- a. Identified: p. 13637a (12/7/81)
- b. Offered: p. 13745a
- c. Admitted: p. 13746a

City of Lander Delbert McOmie CLDM-1:

Map.

- a. Identified: p. 13330 (12/7/81)
- b. Offered: p. 13374
- c. Admitted: p. 13374

CLDM-2:

Granted offered from the EDA.

- a. Identified: p. 13332 (12/7/81)
- b. Offered: p. 13374
- c. Admitted: p. 13374

CLDM-3:

Notice received from the EDA.

- a. Identified: p. 13333 (12/7/81)
- b. Offered: p. 13374
- c. Admitted: p. 13374

CLDM-5:

Grant agreement with the Farmers' Home Administration:

- a. Identified: p. 13334 (12/7/81)
- b. Offered: p. 13374
- c. Admitted: p. 13374

CLDM-6:

Certificate of election returns.

- a. Identified: p. 13335 (12/7/81)
- b. Offered: p. 13374
- c. Admitted: p. 13374

CLDM-7:

Ordinance authorizing the issuance of bonds by the City of Lander.

- a. Identified: p. 13336 (12/7/81)
- b. Offered: p. 13374
- c. Admitted: p. 13374

CLDM-8:

Requirement by the State of Wyoming statutes and auditor.

- a. Identified: p. 13337 (12/7/81)
- b. Offered: p. 13373
- c. Admitted: p. 13374

M-4:

Excerpt from the Riverton project history prepared annually and dated in 1976.

- a. Identified:
- b. Offered:
- c. Admitted:

p. 13643a (12/7/81)  
p. 13745a  
p. 13746a

M-5:

Financial statement for the Midvale Irrigation District for the year 1980.

- a. Identified:
- b. Offered:
- c. Admitted:

p. 13658a (12/7/81)  
p. 13745a  
p. 13746a

M-6:

1952 repayment contract signed between Midvale Irrigation District Bureau of Reclamation dated April 25, 1952.

- a. Identified:
- b. Offered:
- c. Admitted:

p. 13659a (12/7/81)  
p. 13745a  
p. 13746a

M-7:

This is the 1971 mandatory repayment contract between the United States Government and the Midvale Irrigation District.

- a. Identified:
- b. Offered:
- c. Admitted:

p. 13665a (12/7/81)  
p. 13745a  
p. 13746a

M-15:

Certificate of true copy signed by the secretary - treasurer of our Board of Commissioners of an extract from the February 12, 1981 annual meeting minutes of the Midvale Irrigation District.

- a. Identified:
- b. Offered:
- c. Admitted:

p. 13666a (12/7/81)  
p. 13745a  
p. 13746a

M-8 through M-11:

Crops census reports for the year  
of 1977, 1978, 1979 and 1980.

a. Identified:	p. 13671a	(12/7/81)
b. Offered:	p. 13745a	
c. Admitted:	p. 13746a	

M-12:

Letter that was handed to HKM  
Associates upon the request for a  
tabulation of Indian lands  
irrigated on the Riverton project  
in 1979 and 1980.

a. Identified:	p. 13675a	(12/7/81)
b. Offered:	p. 13745a	
c. Admitted:	p. 13746a	

M-14:

Advertisement for sale of land on  
the Riverton Reclamation project  
consisting of 43 units in the north  
portal and north provillon areas.

a. Identified:	p. 13680a	(12/7/81)
b. Offered:	p. 13745a	
c. Admitted:	p. 13746a	

M-16:

Letter composed by Long sent to Henry  
Sostrom of Banner & Associates in  
Laramie, Wyoming.

a. Identified:	p. 13690a	(12/8/81)
b. Offered:	p. 13745a	
c. Admitted:	p. 13746a	

M-17:

Letter sent Keller and Stetson reports.

a. Identified:	p. 13694a	(12/8/81)
b. Refused	p. 13703a	

Riverton Valley RV-1:

Assessment role for 1980.

- a. Identified: p. 13765a (12/8/81)
- b. Offered: p. 13783a
- c. Admitted: p. 13784a

RV-2:

Report from the General Business Administration that he audited the books of Riverton Valley Irrigation District.

- a. Identified: p. 13766a (12/8/81)
- b. Offered: p. 13783a
- c. Admitted: p. 13784a

RV-3:

Acreage below the contour line of location of the irrigation district.

- a. Identified: p. 13768a (12/8/81)
- b. Offered: p. 13783a
- c. Admitted: p. 13784a

RV-4 through RV-7:

Crop reports for the corresponding years 1977, 1978, and 1976.

- a. Identified: p. 13769a (12/8/81)
- b. Offered: p. 13783a
- c. Admitted: p. 13784a

RV-8:

Contract for purchase of a water service contract from the Bureau of Reclamation.

- a. Identified: p. 13771a (12/8/81)
- b. Offered: p. 13783a
- c. Admitted: p. 13784a

RV-9:

Summary of the amount of money that was paid since 1955 to 1981.

- a. Identified: p. 13772a (12/8/81)
- b. Offered: p. 13783a
- c. Admitted: p. 13784a

DOC-1:

Concrete ditch.

a. Identified:	p. 13789a	(12/8/81)
b. Offered:	p. 13807a	
c. Admitted:	p. 13808a	

DOC-2:

Another section of the same main flow line, the main concrete ditch.

a. Identified:	p. 13789a	(12/8/81)
b. Offered:	p. 13807a	
c. Admitted:	p. 13808a	

ROC-1:

Parcel of land rush lease.

a. Identified:	p. 13810a	(12/8/81)
b. Offered:	p. 13818a	
c. Admitted:	p. 13818a	

ROC-2:

Continuation of same field with the fence between the two.

a. Identified:	p. 13810a	(12/8/81)
b. Offered:	p. 13818a	
c. Admitted:	p. 13818a	

COC-1:

Copy of newspaper clipping found in ranch files.

a. Identified:	p. 13829a	(12/8/81)
b. Offered:	p. 13833a	
c. Admitted:	p. 13833a	

COC-2:

Copy of an additional clipping found in ranch files.

a. Identified:	p. 13830a	(12/8/81)
b. Offered:	p. 13833a	
c. Admitted:	p. 13833a	

Wyoming Exhibit WRIR W-1"

Letter re: Indian water rights

- (a) Identified:
- (b) Offered:
- (c) Admitted:

p. 14421 (12/14/81)  
p. 14434  
p. 14435

Wyoming Exhibit WRIR W-2:

Document from Department of Interior  
re: Duncan parcels.

(a) Identified:	p. 14424	(12/14/81)
(b) Offered:	p. 14434	
(c) Admitted:	p. 14435	

Wyoming Exhibit WRIR W-3:

Copy of map from lands on Duncan  
property.

(a) Identified:	p. 14424	(12/14/81)
(b) Offered:	p. 14434	
(c) Admitted:	p. 14435	

Wyoming Exhibit WRIR W-4:

Map of Indian allotment on Red  
Creek, used in Marrell vs.  
Bishop.

(a) Identified:	p. 14426	(12/14/81)
(b) Offered:	p. 14434	
(c) Admitted:	p. 14435	

Wyoming Exhibit WRIR W-5:

United States vs. Templeman  
decision and stipulation.

(a) Identified:	p. 14430	(12/14/81)
(b) Offered:	p. 14434	
(c) Admitted:	p. 14435	

Wyoming Exhibit WRIR W-6:

Certificate of Appropriation  
dated 1905 to Mary Marrell.

(a) Identified:	p. 14431	(12/14/81)
(b) Offered:	p. 14434	
(c) Admitted:	p. 14435	



Wyoming Exhibit WRIR W-7:

Letter regarding water history 1957.

(a) Identified:	p.	14433	(12/14/81)
(b) Offered:	p.	14434	
(c) Admitted:	p.	14435	

Wyoming Exhibit WRIR W-8:

Affidavit.

(a) Identified:	p.	14439	(12/14/81)
(b) Offered:	p.		
(c) Admitted:	p.		

Wyoming Exhibit WRIR EB-1:

Resume: Brookshire.

(a) Identified:	p.	14491	(12/14/81)
(b) Offered:	p.	14491	
(c) Admitted:	p.	14500	

Wyoming Exhibit WRIR EB-2:

Schematic of economic considerations for PIA.

(a) Identified:	p.	14517	(12/14/81)
(b) Offered:	p.		
(c) Admitted:	p.	14652	

Tribes Exhibit WRIR DB-1:

Excerpt out of economics textbook.

(a) Identified:	p.	14599	(12/14/81)
(b) Offered:	p.	14599	
(c) Admitted:	p.	14602	

Tribes Exhibit WRIR DB-2:

Excerpt from Arizona vs. California  
referred to by Dave, pages 13240-270.

(a) Identified:	p. 14599	(12/14/81)
(b) Offered:	p. 14599	
(c) Admitted:	p. 14602	

Tribes Exhibit WRIR DB-3:

Lake Powell study number 3.

(a) Identified:	p. 14599	(12/14/81)
(b) Offered:	p. 14599	
(c) Admitted:	p. 14602	

Tribes Exhibit WRIR DB-4:

Lake Powell study area #28.

(a) Identified:	p. 14599	(12/14/81)
(b) Offered:	p. 14600	
(c) Admitted:	p. 14602	

Tribes Exhibit WRIR DB-5:

B-C ratios dealing with CO<sub>2</sub>.

(a) Identified:	p. 14599	(12/14/81)
(b) Offered:	p. 14600	
(c) Admitted:	p. 14602	

Tribes Exhibit WRIR DB-6:

Intergenerational ethics and  
depletion of fossil fuel.

(a) Identified:	p. 14599	(12/04/81)
(b) Offered:	p. 14600	
(c) Admitted:	p. 14602	

Tribes Exhibit WRIR DB-7:

Economics and ethics evaluating  
the risks of storing nuclear wastes.

(a) Identified:	p. 14599	(12/14/81)
(b) Offered:	p. 14600	
(c) Admitted:	p. 14602	

Tribes Exhibit WRIR DB-8:

Economic and ethical perspective of nuclear waste storage.

(a) Identified:	p.	14599	(12/14/81)
(b) Offered:	p.	14600	
(c) Admitted:	p.	14602	

Tribes Exhibit WRIR DB-9:

Valuing the risks and environmental impacts of energy development.

(a) Identified:	p.	14599	(12/14/81)
(b) Offered:	p.	14600	
(c) Admitted:	p.	14602	

Tribes Exhibit WRIR DB-10:

Methods development for valuing hazards information.

(a) Identified:	p.	14599	(12/14/81)
(b) Offered:	p.	14600	
(c) Admitted:	p.	14602	

Wyoming Exhibit WRIR EJ-1:

Resume of Jacobs

(a) Identified:	p.	14677	(12/14/81)
(b) Offered:	p.	14813	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-2:

Sensitivity analysis of Dornbusch.

(a) Identified:	p.	14692	(12/14/81)
(b) Offered:	p.	14813	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-3:

Jacobs analysis type 8 and  
future at 7 1/8%.

(a) Identified:	p.	14705	(12/14/81)
(b) Offered:	p.	14813	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-4:

Jacobs analysis of the futures  
type 8 at 4%.

(a) Identified:	p.	14706	(12/14/81)
(b) Offered:	p.	14813	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-6:

Crop yield-Jacobs vs. Dornbusch.

(a) Identified:	p.	14707	(12/14/81)
(b) Offered:	p.	14813	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-7:

Start-up period--during the period

(a) Identified:	p.	14715	(12/14/81)
(b) Offered:	p.	14814	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-8:

Cropping pattern variation from  
Dornbusch.

(a) Identified:	p.	14719	(12/14/81)
(b) Offered:	p.	14814	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-10:

B-C ratios on different management levels.

(a) Identified:	p.	14736	(12/14/81)
(b) Offered:	p.	14814	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-11:

Assuming superior management levels.

(a) Identified:	p.	14745	(12/14/81)
(b) Offered:	p.	14814	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-12:

B-C ratios using Bliesner's costs.

(a) Identified:	p.	14746	(12/14/81)
(b) Offered:	p.	14814	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-13:

B-C ratios using the Bliesners costs.

(a) Identified:	p.	14747	(12/14/81)
(b) Offered:	p.	14814	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-14:

Analysis of type 7 lands using 7 1/8%.

(a) Identified:	p.	14759	(12/14/81)
(b) Offered:	p.	14815	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-15:

Analysis of type 7 lands using 4%.

(a) Identified:	p.	14759	(12/14/81)
(b) Offered:	p.	14815	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-16:

Tracts of land type 7 using  
7 1/8%.

(a) Identified:	p.	14760	(12/14/81)
(b) Offered:	p.	14815	
(c) Admitted:	p.	15060	

Wyoming Exhibit WRIR EJ-17:

Tracts feasible using 4% interest  
rates.

(a) Identified:	p.	14790	(12/14/81)
(b) Offered:	p.	14815	
(c) Admitted:	p.	15060	

United States Exhibit WRIR JJ-1:

Table -- making calculations of  
hour/years for machinery.

(a) Identified:	p.	14842	(12/14/81)
(b) Offered:	p.	14888	
(c) Admitted:	p.	15060	

United States Exhibit WRIR JJ-2:

Farm budgets in Nebraska by Agnet.

(a) Identified:	p.	14878	(12/14/81)
(b) Offered:	p.	14988	
(c) Admitted:	p.	15061	

United States Exhibit WRIR JJ-4:

Price of tractor.

(a) Identified:	p.	14883	(12/14/81)
(b) Offered:	p.	14988	
(c) Admitted:	p.	15061	

United States Exhibit WRIR JJ-5:

Index cost comparisons.

(a) Identified:	p.	14891	(12/14/81)
(b) Offered:	p.	14988	
(c) Admitted:	p.	15061	

United States Exhibit WRIR JJ-6:

Excerpt from report of WR-irrigation project.

(a) Identified:	p.	14911	(12/14/81)
(b) Offered:	p.	14988	
(c) Admitted:	p.	15061	

United States Exhibit WRIR JJ-7:

Copies Jacobs interview notes.

(a) Identified:	p.	14929	(12/14/81)
(b) Offered:	p.	14988	
(c) Admitted:	p.	15061	

United States Exhibit WRIR JJ-8:

Copies of Jacobs interview notes.

(a) Identified:	p.	14933	(12/14/81)
(b) Offered:	p.	14988	
(c) Admitted:	p.	15061	

United States Exhibit WRIR JJ-9:

Copies of Jacobs interview notes.

(a) Identified:	p.	14934	(12/14/81)
(b) Offered:	p.	14988	
(c) Admitted:	p.	15061	

United States Exhibit WRIR JJ-10:

Copies of Sommers interview notes.

(a) Identified:	p.	14937	(12/14/81)
(b) Offered:	p.	14988	
(c) Admitted:	p.	15061	

United States Exhibit WRIR JJ-15:

(a) Identified:	p.		
(b) Offered:	p.		
(c) Admitted:	p.	15061	

Tribes Exhibit WRIR JJ-1:

(a) Identified:	p.	15042	
(b) Offered:	p.		
(c) Admitted:	p.	15061	



Wyo. Exhibit WRIR BB-1:

Resume of Robert Bryans.

(a) Identified: p. 15071 (12/16/81)  
(b) Offered: p. 15072  
(c) Admitted: p. 10575

Wyo. Exhibit WRIR MV-115A  
and 115B; and MV-116A and  
116B:

North half and south half of  
overlay of the United States  
Claims showing their location  
throughout the reservation.

(a) Identified: p. 15160 (12/17/81)  
(b) Offered: p. 15166  
(c) Not Admitted: p. 15167

Wyo. Exhibit WRIR MV-117A  
and MV117B:

Base maps for 115 and 116  
series of overlays.

(a) Identified: p. 15166 (12/17/81)  
(b) Offered: p. 15166  
(c) Not Admitted: p. 15167

Wyo. Exhibit WRIR MV-1001 through  
10004 and MV-1001E through  
1004E:

Computer runs by Bishop with  
respect to diversion requirement  
and net irrigation requirement.

(a) Identified: p. 15162 (12/17/81)  
and 16163  
(b) Offered: p. 15166  
(c) Not Admitted: p. 15167

Wyo. Exhibit WRIR MV-900:

An overlay on WR-15-A showing  
mineral restoration in the Riverton  
Reclamation Project.

(a) Identified: - 363 p. 15167 (12/17/81)  
(b) Offered: p. 15167  
(c) Not Admitted: p. 15167

Wyo. Exhibit WRIR MV-901:

Overlay on WR-15-A previously  
admitted as C-33-B.

(a) Identified:	p. 15168	(12/17/81)
(b) Offered:	p. 15168	
(c) Not Admitted:	p. 15167	

Wyo. Exhibit WRIR MV-902:

Tabulation of lands within  
mineral resource claims.

(a) Identified:	p. 15165	(12/17/81)
(b) Offered:	p. 15168	
(c) Not Admitted:	p. 15167	

Wyo. Exhibit WRIR MV-1000:

Computer tabulations describing  
the four basic land status date  
alternatives.

(a) Identified:	p. 15180	±(12/17/81)
(b) Offered:	p. 15166	
(c) Admitted:	p.	

Wyo. Exhibit WRIR MF-2000:

Organizational outline for twelve  
computer run alternatives.

(a) Identified:	p. 15181	(12/17/81)
(b) Offered:	p. 15202	
(c) Admitted:	p. 15216	

Wyo. Exhibit WRIR MF-2001,  
RF-2004, RF-A and B Series:

(a) Identified:	p. 15200	(12/17/81)
(b) Offered:	p. 15202	
(c) Admitted:	p. 15216	

Wyo. Exhibit WRIR EA-1:

Resume of William Agee.

(a) Identified:	p. 15308	(12/18/81)
(b) Offered:	p. 15309	
(c) Admitted:	p. 15309	

Wyo. Exhibit WRIR EA-2:

Publication by University of Wyoming regarding frost-free growing days in Wyoming.

(a) Identified:	p. 15315	(12/18/81)
(b) Offered:	p.	
(c) Admitted:	p. 15424	

Wyo. Exhibit WRIR EA-3:

Bulletin 655, August, 1977,  
Growing Degree Days in Wyoming,  
Agricultural Experiments Station,  
University of Wyoming:

(a) Identified:	p. 15321	(12/18/81)
(b) Offered:	p.	
(c) Admitted:	p. 15424	

Wyo. Exhibit WRIR EA-4:

"Malt Barley Cross Comparisons"

(a) Identified:	p. 15346	(12/18/81)
(b) Offered:	p.	
(c) Admitted:	p. 15424	

Wyo. Exhibit WRIR EA-5:

Comparison of costs from the  
Dornsbusch, Jacobs Riverton  
Cross Study and Alfalfa Hay,  
Powell reports.

(a) Identified:	p. 15353	(12/18/81)
(b) Offered:	p.	
(c) Admitted:	p. 15424	

Wyo. Exhibit WRIR EA-6:

Comparison of costs and returns  
of Malt Barley Budgets.

(a) Identified:	p. 15357 (12/18/81)
(b) Offered:	p.
(c) Admitted:	p. 15424

Wyo. Exhibit WRIR EA-7:

Summary of comparison of costs  
and returns for alfalfa from  
EA-5:

(a) Identified:	p. 15361 (12/18/81)
(b) Offered:	p.
(c) Admitted:	p. 15424

Wyo. Exhibit WRIR EA-8:

Excerpt: "Economics of Size  
in U.S. Field Crop Farming."

(a) Identified:	p. 15362 (12/18/81)
(b) Offered:	p.
(c) Admitted:	p. 15424

Wyo. Exhibit WRIR SR-1,  
SR-1A, 1B, 1C, SR-2,  
SR-2A, 2B, 2C:

Series of maps and overlays  
of North 1/2 and South 1/2 of  
WRIR pertaining to tabulation  
of U.S. and Tribes PIA claims  
for which state awarded water  
rights have been obtained.

(a) Identified:	p. 15426 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555
(d) Withdrawn:	p. 15,467

Wyo. Exhibit WRIR SR-3:

Analysis of maps.

(a) Identified:	p. 15426 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555

Wyo. Exhibit WRIR SR-4:

Single mast diagram.

(a) Identified:	p. 15432 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555

Wyo. Exhibit WRIR SR-6:

Analysis --. chronological  
breakdown of maps.

(a) Identified:	p. 15436 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555

Wyo. Exhibit WRIR SR-7:

Chronological analysis of  
State awarded water rights  
for land in WRIR.

(a) Identified:	p. 15437 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555

Wyo. Exhibit WRIR SR-5:

Single mast diagram corresponding  
to SR-7.

(a) Identified:	p. 15438 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555

Wyo. Exhibit WRIR SR-8:

List of cancelled permits  
on WRIR.

(a) Identified:	p. 15438 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555

Wyo. Exhibit WRIR SR-9:

List of uncanceled permits  
and certificates on WRIR.

(a) Identified:	p. 15441 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555

Wyo. Exhibit WRIR MV-3000:

Table regarding reduction in  
land effected by the Fassett,  
2000 Series Exhibits.

(a) Identified:	p. 15442 (12/18/81)
(b) Offered:	p. 15443
(c) Admitted:	p. 15555

Wyo. Exhibit WRIR SR-3 Rev.:

Analysis of maps (SR-1 thru  
SR-2).

(a) Identified:	p. 15466 (2/19/82)
(b) Offered:	p. 15467
(c) Admitted:	p. 15468

Wyo. Exhibit WRIR SR-1-D:

Additional overlays for  
SR-1.

(a) Identified:	p. 15466 (2/19/82)
(b) Offered:	p. 15467
(c) Admitted:	p. 15468

Wyo. Exhibit WRIR SR-2-D:

Additional overlays for  
SR-1.

(a) Identified:	p. 15467 (2/19/82)
(b) Offered:	p. 15467
(c) Admitted:	p. 15468

United States' Rebuttal

United States Exhibit R-1:

Resume of Steven Goldfeld.

(a)	Identified:	p.	15472
(b)	Offered:	p.	15468
(c)	Admitted:	p.	15527

VI. PROPOSED FINDINGS OF FACT, CONCLUSIONS  
OF LAW, JUDGMENT AND INTERLOCUTORY DECREE

The Findings of Fact made and Conclusions of Law reached by the Special Master are found in the following volumes and are incorporated herein by this reference. These constitute the Findings of Fact, Conclusions of Law, Judgment and Interlocutory Decree which the Master recommends be adopted and entered by the Court herein.



VII. ACKNOWLEDGMENTS

I am deeply indebted to my assistants, Leo Salazar, Rodger McDaniel and Billie Ruth Edwards, for their tireless assistance in the review of the evidence, legal analysis and voluminous drafting which went into the preparation of this report.

Respectfully submitted this \_\_\_ day of \_\_\_\_\_, 198\_.

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TENO RONCALIO  
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