

APPROVAL

MINUTES OF
ARKANSAS RIVER COMPACT ADMINISTRATION
MEETING

EL MAR MOTEL
Lamar, Colorado
December 12, 1972

Attendance:

For Colorado:

Felix L. Sparks, Denver
George F. Reyher, McClave
J. T. Reedy, Hartman

For Kansas:

Guy E. Gibson, Topeka
Carl E. Bentrup, Deerfield
Logan N. Green, Garden City

Secretary:

Lane L. Hackett, Lamar

Others Attending:

Harry C. Nevius	Amity Canal	Lamar, Colo.
William Howland	Amity Canal	Holly, Colo.
Al Putnam	Fort Lyon Canal Company	Las Animas, Colo.
William Patti	Water Commissioner	La Junta, Colo.
R. V. Grozier	U.S.G.S.	Denver, Colo.
O. J. Taylor	U.S.G.S.	Pueblo, Colo.
R. K. Livingston	U.S.G.S.	Pueblo, Colo.
C. E. Keliher	U.S.G.S.	Pueblo, Colo.
William L. Lindsey	Corps of Engineers	John Martin Dam
Ralph Strother	Corps of Engineers	Albuquerque, N.M.
Charles L. Thomson	S.E.C.W.C.D.	Pueblo, Colo.
Howard C. Corrigan	Kansas Water Resources	Garden City, Kans.
Harris L. Mackey	Kansas Water Resources	Topeka, Kans.
Fred L. Boydston	Colo. Water Conservation Bd.	Denver, Colo.
Duane D. Helton	Colo. Water Conservation Bd.	Denver, Colo.

MEETING CALLED TO ORDER

Mr. Bentrup opened the meeting at 10:00 a.m. and introduced Mr. Guy E. Gibson. Mr. Gibson replaced Mr. Smrha as the Kansas representative from the Kansas State Board of Agriculture, Division of Water Resources.

Mr. Bentrup asked for consideration of the minutes of the last meeting. Mr. Hackett corrected the error in the address shown for the Administration in the minutes, and the minutes were approved.

Mr. Bentrup then called for the secretary's report. Mr. Hackett presented his report as follows:

SECRETARY'S REPORT

November 1, 1971 to October 31, 1972

Final approval of the 23rd Annual Report by the Administration was received during January 1972. Four hundred copies were printed and distributed throughout the year according to our mailing list and requests received by your secretary. An adequate supply is on hand.

The 1973-74 budget was transmitted to the Governors of both states during August.

A call for fiscal 1972-73 funds was made to the states on August 25, 1972. Colorado's share was \$4,746.00 and Kansas' share was \$3,164.00. The Kansas warrant was received and deposited on September 22. Colorado's warrant was not received until November 21, 1972; consequently, this does not appear in the receipts for this compact business year.

The Health, Education, and Welfare Audit Agency made a review of Social Security coverage operations of the Arkansas River Compact Administration during August. In an agreement with the commissioners, Social Security was extended to the employees of the Compact Administration on January 1, 1951. The review included accounting records for accuracy, timeliness of reporting, and compliance with the policy and procedures of the Social Security Act. The audit report is on file.

Because no water was in storage, the Amity Mutual Irrigation Company made a request to Mr. C. J. Kuiper, Colorado State Engineer, that the gates of John Martin be left open on midnight of October 31, 1972 and that he administer upstream junior priorities to honor the Amity's February 21, 1887 decree until such time as the river flow exceeded demands in Water District 67 and water was available for storage. Your secretary met

with Mr. Kuiper and his staff in Denver on October 24 to render related information concerning this request. A copy of Mr. Kuiper's reply is on file with references to Articles III H, V A, and V F of the Compact. His conclusion was that the operation of the reservoir has been and is in accordance with the rules and regulations of the Compact Administration. Any change in procedure should be made through an agreement with the Compact Administration and with Colorado water users under provisions in the Compact.

Your secretary made 23 change in release orders to the Resident Superintendent at John Martin Reservoir. Telephonic meetings were held on April 12, May 30, July 7, July 23, and September 19, for the purpose of declaring John Martin Reservoir to become empty.

Correspondence and contact with local, state, and federal agencies has been maintained throughout the year.

Mr. Green moved and Mr. Reyher seconded that the secretary's report be accepted. The states approved the motion.

Mr. Reedy presented the auditor's report and the treasurer's report. The treasurer's report follows:

TREASURER'S REPORT
Year Ended October 31, 1972

CASH IN BANK - NOVEMBER 1, 1972 \$7,817.16

RECEIPTS:

Revenue from Assessments:

 Kansas \$3,164.00
 Total receipts. 3,164.00

TOTAL AVAILABLE. 10,981.16

DISBURSEMENTS:

Surface Water Investigations, Cooperative
Gage Replacements and Rehabilitations,
U. S. Geological Survey. . . 3,000.00
Secretary's salary 1,422.00
Printing 448.45
Travel 483.50
Telephone. 331.61

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Legal and audit.	125.00	
Payroll tax.	156.00	
Typing and mailing	89.00	
Insurance.	25.00	
Office supplies.	29.66	
Moving expense	21.00	
Total receipts <i>disbursements</i>		6,131.22

FUND BALANCE - OCTOBER 31, 1972 \$4,849.94

Mr. Green moved and Mr. Reyher seconded that the auditor's report and the treasurer's report be accepted. The motion was carried by a vote of the states.

Mr. Hackett submitted the Operations Committee report as follows:

OPERATIONS REPORT
November 1, 1971 - October 31, 1972

On November 1, 1971, the beginning of the 24th compact year, there was no storage in John Martin Reservoir. Release of river flow at a rate of 75 cfs was begun at 9:00 a.m. on November 1 because of Colorado demands by the Amity, Fort Bent, and Lamar canals. The release was continued at this rate until the demands were reduced to 35 cfs at 1:00 p.m. on November 8. Cancellation of demands for release resulted in closing of the gates for complete storage at 8:30 a.m. on November 18, 1971. During this period of Colorado demands for release of river flow, accumulation of storage in the reservoir amounted to 1,900 acre-feet. All inflow was then stored until 10:00 a.m. on March 3, 1972 when Colorado demanded a release of 15 cfs. At 8:30 a.m., March 7, this demand was increased to 22 cfs, which was the total measured river flow as defined in Compact Article III H and the maximum release allowed by Compact Article V A. Due to a small increase of river flow the release was increased to 25 cfs at 8:30 a.m. on March 30 to fulfill Colorado's demand, and the release rate was continued until initial gate opening for release of conservation water on April 3, 1972.

The Fort Bent and Keesee ditches made the Colorado demands during March 3-29 and threatened to instigate a lawsuit because a gain of some 1,100 acre-feet of storage occurred in the conservation pool at John Martin Reservoir. Daily spot readings at the measuring stations are used for administration and regulation under Article III H, and a larger release would

have been out of storage water or unmeasured inflow.

Storage on April 1, 1972 was 25,642 acre-feet. Demands by Colorado and Kansas irrigators were made, and release of conservation water at a rate of 1,200 cfs was begun at 8:30 a.m. on April 3, 1972. Mandatory compact reduction to a release rate of 1,000 cfs occurred at 3:00 p.m. on April 5. Colorado (Fort Bent ditch) made a demand for release of river flow in addition to the storage release, which was complied with at 8:30 a.m. on April 6, 1972, and which resulted in a total release of 1,015 cfs. On April 16, Colorado's demand was reduced to 500 cfs, and the total release rate was reduced to 900 cfs, which emptied the reservoir that same day. Rainstorms from John Martin Dam to La Junta caused the Arkansas River, the Purgatoire River, and Horse Creek in the Las Animas area to provide enough river flow to close the gates for storage at 9:00 a.m. on May 29, 1972. Caddoa Creek below the reservoir discharged an estimated 800 cfs during this period. A release rate of 750 cfs for both states was ordered during this storage period, and the reservoir was emptied at 3:00 p.m. on May 30, 1972. Although a very small amount of storage was obtained the river flow was regulated for more efficient use by irrigators of both states. On July 2, 1972, storm activity to the south and west caused flows in the Arkansas River, the Purgatoire River, and Rule Creek to justify beginning storage at 7:00 a.m. on July 3. Colorado made a demand for release of 500 cfs at 8:00 a.m. Kansas did not make a demand because the stateline flow was greater than 300 cfs and because rains in that area had decreased the irrigators' requirements. On July 5 at 8:30 a.m., Kansas made demands for 400 cfs and Colorado made demands for 450 cfs. These demands continued until the reservoir was emptied at 9:00 a.m. on July 18, 1972. The Purgatoire River reached a peak flow of 6,300 cfs on July 22, and the gates were closed for storage at 6:00 p.m. A release of 1,000 cfs was made at the same time for both states. Because the reservoir area was extremely dry and because the simultaneous release of 1,000 cfs was made, no storage was obtained and the reservoir was declared empty at 11:00 a.m. on July 23, 1972. Rains on the Purgatoire and other drainages southwest of John Martin Dam justified closing the gates for storage at 9:00 a.m. on September 15, 1972. Tributaries had been and were running enough so that Kansas did not place a call, but a release of 450 cfs was made for Colorado ditches. At 8:30 a.m. on September 21, 1972 the reservoir was emptied, and it remained so until closing for winter storage at 400 p.m. on October 31, 1972.

Isolated and erratic rains throughout the irrigation season caused considerable tributary runoff into the Arkansas River with the majority in the lower reach below John Martin Dam and the stateline. Buffalo, Cheyenne, and Horse Creeks were the largest contributors; while Clay, Mud and Willow Creeks had below average annual runoff.

A revised area-capacity table based on the March 1972 resurvey for John Martin Reservoir was received from the Corps of Engineers in late October and became effective on November 1, 1972.

Storage in John Martin Reservoir on December 11, 1972 was 6,138 acre-feet.

Respectfully submitted,
Lane Hackett - Secretary

Mr. Green moved to accept the report of the Operations Committee, and Mr. Reedy seconded the motion. The states approved the motion.

Mr. Bentrup asked if the automatic demand for release to Kansas anytime the gates at John Martin Dam were closed for storage was working satisfactorily. Mr. Hackett replied that it was a little unwieldy for him when he knew that the river at the stateline was flowing pretty good and that rains in the area had been enough so the irrigation requirements shouldn't be large. In one particular case, Mr. Hackett ordered the John Martin gates closed on a small flow, and he suspected that Kansas didn't need the release, but he couldn't reach the water commissioner to verify that they didn't. Fortunately, he was able to talk to the next engineer and they determined that they didn't need the release; consequently, he didn't make the release. During the ensuing discussion Mr. Hackett said the automatic demand does influence his decision when he will close the gates for storage. One time during the past irrigation season he closed the gates for storage, but no storage was accumulated because he was required to release 1000 cfs (600 cfs for Colorado and 400 cfs for Kansas). Mr. Sparks suggested that they make Kansas' demand automatic only when Colorado has made a demand unless Kansas has indicated otherwise. The Administration agreed to try Mr. Sparks' suggestion for one year.

Mr. Bentrup then asked for the minutes of the special telephonic meetings. The minutes follow:

SPECIAL TELEPHONIC MEETING

April 12, 1972

A special telephonic meeting was held on April 12, 1972, in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty on April 15, 1972. Mr. C. J. Kuiper, Colorado State Engineer, and Mr. Rudy Styduhar, Division Engineer, were notified of the action and that administration of decreed water rights for Colorado would commence on April 15, 1972, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 3:00 p.m., April 16, 1972.

Participating members: For Colorado - Mr. Reedy and
Mr. Reyher
For Kansas - Mr. Bentrup and
Mr. Green

SPECIAL TELEPHONIC MEETING

May 30, 1972

A special telephonic meeting was held on May 30, 1972, in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty on May 30, 1972. Mr. C. J. Kuiper, Colorado State Engineer, and Mr. Rudy Styduhar, Division Engineer, were notified of the action and that administration of decreed water rights for Colorado would commence on May 30, 1972, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 3:00 p.m., May 30, 1972.

Participating members: For Colorado - Mr. Reedy and
Mr. Reyher
For Kansas - Mr. Bentrup and
Mr. Green

SPECIAL TELEPHONIC MEETING

July 7, 1972

A special telephonic meeting was held on July 7, 1972, in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty on July 8, 1972. Mr. C. J. Kuiper, Colorado State Engineer, and Mr. Rudy Styduhar, Division Engineer, were notified of the action and that administration of decreed water rights for Colorado would commence on

July 8, 1972, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 9:00 a.m., July 8, 1972.

Participating members: For Colorado - Mr. Reedy and
Mr. Reyher
For Kansas - Mr. Bentrup and
Mr. Green

SPECIAL TELEPHONIC MEETING

July 23, 1972

A special telephonic meeting was held on July 23, 1972, in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty on July 23, 1972. Mr. C. J. Kuiper, Colorado State Engineer, and Mr. Rudy Styduhar, Division Engineer, were notified of the action and that administration of decreed water rights for Colorado would commence on July 23, 1972, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 11:00 a.m., July 23, 1972.

Participating members: For Colorado - Mr. Reedy and
Mr. Reyher
For Kansas - Mr. Bentrup and
Mr. Green

SPECIAL TELEPHONIC MEETING

September 19, 1972

A special telephonic meeting was held on September 19, 1972, in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty on September 20, 1972. Mr. C. J. Kuiper, Colorado State Engineer, and Mr. Rudy Styduhar, Division Engineer, were notified of the action and that administration of decreed water rights for Colorado would commence on September 20, 1972, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 8:30 a.m., September 21, 1972

Participating members: For Colorado - Mr. Reedy and
Mr. Reyher
For Kansas - Mr. Bentrup and
Mr. Green

Mr. Bentrup called for consideration of the 24th annual report. Mr. Helton presented the preliminary report and noted the missing sections. The administration agreed to a cutoff of January 15 for corrections.

Mr. Bentrup brought up the matter of printing the annual report. Mr. Hackett said he had obtained one bid for printing and it was from the Lamar Tri-State Daily News and amounted to \$447.40 for 400 copies. Mr. Reyher suggested that a picture of the dam be included in the annual report. Mr. Sparks said it might be time to review the whole format and include something from the Corps of Engineers about the operation, recreational use, and the history of the project. During the discussion the Administration agreed that Mr. Hackett and Mr. Lindsey, Resident Superintendent of John Martin Reservoir Project, should get together and prepare some recommendations and include them with the draft of the annual report. Mr. Sparks moved to accept the bid with the understanding that the additions and the new bid would be submitted to the Administration for approval and that the approval would be automatic unless disapproval is made. Mr. Green seconded the motion and it passed a vote of the states.

Mr. Bentrup asked about Col. Seligmann. Mr. Hackett said that Col. Seligmann had a heart attack on December 8 and planned on tendering his resignation from the Administration through the proper channels.

The Administration and Legal Committee and the Engineering Committee had no reports.

Mr. Bentrup called for the election of officers and for the appointment of the committee members. Each officer of the Administration was re-elected by a unanimous vote, and each member of the committees was re-appointed.

Mr. Bentrup brought up the matter of John Martin permanent pool. Mr. Sparks' report included the following information:

The Colorado Division of Wildlife has recently purchased 2,098 shares of capital stock in the Catlin Canal Company. There are about 18,600 shares in the company so the state owns about 11 percent of the total. Water obtained from

ownership of these shares will be used for evaporation replacement in the permanent pool in John Martin Reservoir. The Catlin canal has pretty good decrees and was able to divert an average of about 3.4 acre-feet per share during the irrigation seasons of 1960-69. Total irrigation season diversions during the period have ranged from a low of about 39,000 acre-feet in 1963 to a high of about 83,000 acre-feet in 1962. The Division of Wildlife will have to arrive at an operational agreement with the Catlin Canal Company and will probably have to go to the water court even though the most probable operational agreement involves no change in point of diversion. The water probably will be diverted at the Catlin headgate and delivered to John Martin Reservoir using the Catlin canal. Considerably more water was purchased than is required during a normal year, even when losses of about 50 percent are applied, so that adequate water will be available during the drier years and so that the irrigators will benefit from the excess during the other years. The Division of Wildlife should arrive at an agreement during the calendar year 1973, and it will present the matter to this Administration, the Colorado State Engineer, and the Colorado Water Conservation Board. It is important that the Administration appoint a committee to review any proposed operational agreement to determine the effects on water users in Colorado and Kansas and report back to the Administration.

After considerable discussion, Mr. Sparks moved that the Compact Administration authorize Mr. Sparks and Mr. Gibson to appoint two engineering advisors from each state to a committee to review and to analyze any proposed operational agreement or plan and to report its findings to the Compact Administration. Mr. Reyher seconded the motion and it passed a vote of the states.

Mr. Bentrup called for the proposed budget for fiscal year 1974-75 and Mr. Reedy made the presentation. Mr. Reedy recommended that Mr. Hackett receive a \$300 per year pay raise, which would become effective on January 1, 1973, and which would make his annual salary become \$1800. The proposed budget follows:

PROPOSED BUDGET

Fiscal Year July 1, 1974 - June 30, 1975

Personal Services		\$2,045.00
Secretary's Salary	\$1,800.00	
Social Security	105.00	
Professional Services (Audit)	140.00	
U. S. Geological Survey		4,400.00
Cooperative Services	4,400.00	
Capital Outlay		100.00
Office Equipment	100.00	
Maintenance and Operation		1,925.00
Bond (Treasurer)	25.00	
Printing	500.00	
Official Publications	100.00	
Travel Expense	600.00	
Typing and Mailing	125.00	
Investigation and Inspection	100.00	
Telephone and Telegraph	375.00	
Office Supplies	100.00	
Total Budget 1974-1975		\$8,470.00
Estimated Carryover June 30, 1974		<u>100.00</u>
To Be Appropriated		\$8,370.00
Colorado (60%)	\$5,022.00	
Kansas (40%)	<u>3,348.00</u>	
	\$8,370.00	

Mr. Hackett commented that the Administration had, during the 1969 annual meeting, budgeted an additional \$500 annually for the USGS to provide two measurements at the compact stations each week during irrigation season and that the agreed number of measurements were not being made. Mr. Grozier of the USGS said he would look into the situation. Mr. Green moved that the proposed budget be adopted including Mr. Hackett's pay raise. Mr. Reyher seconded the motion and the states approved the motion.

Mr. Bentrup then called for other business.

Mr. Strother announced that the Corps of Engineers study of the Arkansas River below John Martin Dam would be released during early 1973.

Mr. Grozier announced that the USGS report about the 1965 flood on the Arkansas River from Pueblo to Garden City would soon be released.

The meeting was adjourned at 12:05 p.m.