

MINUTES OF  
ARKANSAS RIVER COMPACT ADMINISTRATION  
MEETING

EL MAR MOTEL  
Lamar, Colorado  
December 12, 1973

APPROVED

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  
M. P. Reeve, Garden City

Secretary:

Lane L. Hackett, Lamar

Others Attending:

C. V. Mills	Daily News	Lamar, Colo.
Robert R. Tempel	Prowers County Commissioner	Wiley, Colo.
Forrest Burns	State Representative	Lamar, Colo.
Charles L. Thomson	S.E.C.W.C.D.	Pueblo, Colo.
L. D. Morrill	C.W.C.B.	Denver, Colo.
Warden L. Noe	Kansas Water Resources	Topeka, Kans.
Howard C. Corrigan	Kansas Water Resources	Garden City, Kans.
Gerald E. Hilmes	Kansas Water Resources	Topeka, Kans.
Kenneth M. Wilke	Kansas Water Resources	Topeka, Kans.
Ralph Strother	U. S. Corps of Engineers	Albuquerque, New Mexico
Anthony Cianflone	U.S.B.R.	Pueblo, Colo.
William L. Lindsey	U. S. Corps of Engineers	John Martin Dam
Carl H. Brauer	Fort Bent Ditch Company	Lamar, Colo.
G. R. Idler, Jr.	Fort Bent Ditch Company	Lamar, Colo.
Lee E. Hill	Soil Conservation Service	Lamar, Colo.
LeRoy Nickelson	Fort Bent Ditch Company	Lamar, Colo.

Others Attending: (continued)

Floyd Thompson	Amity Canal	Holly, Colo.
Leo J. Pollart	Amity Canal	Holly, Colo.
William Howland	Amity Canal	Holly, Colo.
Ray Birchler	Amity Canal	Bristol, Colo.
Peyton O. Abbott	U.S.B.R.	Pueblo, Colo.
Russell Livingston	U.S.G.S.	Pueblo, Colo.
Richard V. Grozier	U.S.G.S.	Denver, Colo.
William Setchfield	Bent County Commissioner	Las Animas, Colo.
Harry C. Nevius	Amity Canal	Lamar, Colo.
G. D. Steward	S.E. Colo. Rec. Association	Rocky Ford, Colo.
William Patti	Water Commissioner, Dist. 17	La Junta, Colo.
Al Putnam	Ft. Lyon Canal Company	Las Animas, Colo.
A. J. Esyar	Ft. Lyon Canal Company	Wiley, Colo.
John Hardin	Buffalo Mutual Irrig. Co.	Holly, Colo.
Hacket Smartt		Lamar, Colo.
Bill Fraser	Colo. Div. of Wildlife	Denver, Colo.
Brett Peterson	Colo. Div. of Wildlife	Ft. Collins, Colo.
Dale Coven	Colo. Div. of Wildlife	Las Animas, Colo.
Gordon East	Colo. Div. of Wildlife	La Junta, Colo.
Robert Rosette	Colo. Div. of Wildlife	Lamar, Colo.
Carter Hutchinson	C.W.C.B.	Denver, Colo.
Duane D. Helton	C.W.C.B.	Denver, Colo.

MEETING CALLED TO ORDER

Mr. Bentrup called the meeting to order at 9:50 a.m. He introduced Mr. M. P. Reeve, who replaced Mr. Logan Green as a Kansas member on the Administration; Mr. Warden L. Noe; Mr. Kenneth Wilke; and Mr. Gerald E. Hilmes of the Kansas Division of Water Resources.

Mr. Bentrup called for consideration of the minutes of the last meeting, and the minutes were approved.

Mr. Bentrup then called for the secretary's report. Mr. Hackett presented the following report:

SECRETARY'S REPORT

November 1, 1972 to October 31, 1973

The Administration's final approval of the 24th Annual Report was made in January 1973. Four hundred copies were printed and distributed to fill requests and the current mailing list.

The F.Y. 1974-75 budget received approval in July, and copies were transmitted to the Governors of both states in August.

A call for F.Y. 1973-74 funds was made to the states in late August. Colorado's share was 60 percent or \$4,788, and Kansas' share was 40 percent or \$3,192. Warrants for same were received and deposited in the First National Bank of Lamar during September.

A tour of the lower Arkansas River Valley for the Board of Directors of the Southeastern Colorado Water Conservancy District and others interested in water management programs was conducted by the Irrigation Division 2 engineer during October. John Martin Reservoir was included on the itinerary. Operation and some controversial matters of the Arkansas River Compact were discussed with your secretary and, hopefully, some questions concerning the Compact were cleared up.

A number of meetings were attended with the State Engineer, Water District 67 ditch companies, and the Lower Arkansas River Management Association concerning a percentage distribution agreement and other matters pertaining to compact rules and regulations.

Twenty change-in-release orders were made to the Resident Superintendent at John Martin Dam, and three telephonic meetings were held during the summer storage or irrigation season.

Contact with local, state, and federal agencies has been maintained by correspondence or, as necessary, otherwise.

All current bills are paid to date.

Mr. Gibson moved that the secretary's report be accepted, and Mr. Reyher seconded the motion. 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, 1973

CASH IN BANK - NOVEMBER 1, 1973 . . . . . \$ 4,849.94

RECEIPTS:

Revenue from Assessments:

Colorado . . . . . \$9,534.00  
(includes assessments  
from F.Y. 1971-72  
and F.Y. 1972-73)  
Kansas . . . . . 3,192.00

Total receipts . . . . . \$12,726.00

TOTAL AVAILABLE . . . . . \$17,575.94

DISBURSEMENTS:

Surface Water Investigations, Cooperative Gage Replacements and Rehabilitations, U. S. Geological Survey . . .	\$4,000.00
Secretary's salary . . . . .	1,694.67
Travel . . . . .	523.96
Printing . . . . .	447.40
Telephone . . . . .	355.76
Payroll tax . . . . .	196.95
Legal and Audit . . . . .	125.00
Typing and Mailing . . . . .	110.57
Office equipment and Supplies . . . . .	84.00
Insurance . . . . .	25.00
Annual Meeting expense . . . . .	<u>19.68</u>
Total disbursements . . . . .	\$ 7,582.99
<u>CASH BALANCE, OCTOBER 31, 1973 . . . . .</u>	<u>\$ 9,992.95</u>

Mr. Reedy moved that the treasurer's report be accepted, and Mr. Gibson seconded the motion. It passed a vote of the states. Mr. Gibson moved that the auditor's report be accepted. The motion was seconded by Mr. Reedy and approved by the states.

Mr. Bentrup called for consideration of the Operations Committee's report. Mr. Hackett submitted the following report:

OPERATIONS REPORT  
November 1, 1972 - October 31, 1973

The winter storage season began with the reservoir empty, and the gates were closed at 4:00 p.m. on October 31, 1973.

A 3- to 4-inch snow and freezing temperatures occurred on October 31 and November 1, 1973. With continuous inclement weather throughout the winter, it was impracticable and unnecessary for river flow calls

during the entire winter storage period.

Accumulated storage on April 1, 1973, was 24,679 acre-feet. Due to late March rains, followed by a 12-inch wet snow and scattered rain showers during April, no demands were placed for irrigation releases until May 7, when Colorado called for 300 cfs. Conservation storage more than doubled during this period, with the major inflow from the Purgatoire River. Kansas' initial demand was 400 cfs and was released on May 16 with an increase in Colorado's call for a total release of 900 cfs. Releases for both states varied from 650 to 1050 until the reservoir was emptied at 6:00 p.m. on June 25, 1973.

On July 21, 1973, inflow justified closing and regulating the gates for an 800 cfs release, 400 for each state, until the reservoir became empty on July 26. Rains on July 30 and 31, 1973, which occurred south and west of John Martin Dam and in the area east of Holly, created enough tributary runoff to close and regulate the gates to meet Colorado's call for 400 cfs. Kansas' 400 cfs demand was filled by tributary runoff below the reservoir and above the stateline. The maximum release for both states was 950 cfs until the reservoir was emptied at 11:00 p.m. on August 4. The gates remained open, and the river was administered according to the Colorado priority system until midnight on October 31, 1973, to commence winter storage.

Weather factors made an unusual year. Snow and freezing temperatures occurred and no river flow releases were made during the winter storage season. Only 24,679 acre-feet was in storage on April 1, 1973. During April, thaw and light rains doubled the storage, which was exhausted on June 25. On June 26, computed releases at John Martin Dam had totaled 80,723 acre-feet and measured inflow had totaled 84,376 acre-feet. During the remainder of the year, only isolated precipitation occurred and created only short storage periods in July and August, with light tributary flows below the reservoir.

Bridge and road construction at the Las Animas Arkansas River measuring station began in early May 1973 and made it necessary for the USGS to relocate the

station upstream a short distance. Inflow measurement for the summer season was not as continuous or accurate as desired due to river channel changes made for construction purposes.

Some consideration should be given to the telemark and flow recorder on the measuring station below John Martin Dam. A digital flow recorder was used for some time until an A-35 was reinstalled in November. The A-35 makes previous flows much more accessible at the station and more convenient for later computation. The telemark is wearing out and may need replacing. The telephone service into the station is very unreliable, especially during stormy weather. It might be advisable to consider installation of a high frequency transmitter to tie into the network that is in use on the other compact stations. In the system a gage height is automatically received on an hourly basis.

Storage in John Martin Reservoir on December 10, 1973, was 5,876 acre-feet.

Respectfully submitted,

LANE L. HACKETT  
Secretary

For Operations Committee:  
J. T. Reedy, Chairman  
Carl E. Bentrup

After presentation of the report, Mr. Grozier of the U. S. Geological Survey described a satellite communications system that may be available for use with the compact stream gaging stations. Since the system is experimental at the present time, it would be installed at no cost to the Administration. The system would be battery operated and would transmit stream stage data. Data from the system, which could be operational for the coming irrigation season, would be available at a teletype installed in Mr. Hackett's office. Mr. Hackett described the difficulty of administration performed without proper gage height and streamflow data. Mr. Reedy moved that the Operations Committee's report be accepted, and Mr. Gibson seconded the motion. The states approved the motion.

Mr. Hackett presented the minutes of the special telephonic meetings, which are shown below:

SPECIAL TELEPHONIC MEETING  
June 22, 1973

A special telephonic meeting was held on June 22, 1973, in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty on June 25, 1973. Mr. C. J. Kupier, 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 June 25, 1973, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 6:00 p.m., June 25, 1973

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

SPECIAL TELEPHONIC MEETING  
July 23, 1973.

A special telephonic meeting was held on July 23, 1973, in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty on July 27, 1973. 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 26, 1973, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 12:01 a.m., July 26, 1973

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



SPECIAL TELEPHONIC MEETING  
August 2, 1973

A special telephonic meeting was held on August 2, 1973, in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty on August 4, 1973. 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 August 4, 1973, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 9:00 p.m., August 4, 1973.

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

The Administrative and Legal Committee and the Engineering Committee had no reports to present.

The next item to come before the Administration was the 25th Annual Report. Mr. Helton presented a mock-up of the report and noted the missing sections. Mr. Hackett read the letter of resignation from Colonel Gustav Seligmann, Chairman and Federal Representative on the Administration. The resignation was effective on November 29, 1973, which is in the current compact year, and will be reflected in the 26th Annual Report. Mr. Gibson moved that three sentences be deleted from section 6 of the annual report. Two of the sentences in the second paragraph of the section read, "(Congress has authorized use of an additional 10,000 acre-feet of flood control storage space for recreation purposes. This was intended to allow the establishment of a 10,000 acre-foot permanent recreation pool, but this has not been done to date)", and the third sentence is from the third paragraph and reads, "(Demand for irrigation water often results in emptying the conservation pool, limiting the recreational uses of the reservoir)". After some discussion, the motion for deletion of the three sentences was seconded by Mr. Reedy and approved by the states. Mr. Gibson presented the following resolution devoted to Mr. Logan Green for inclusion in the annual report as Appendix C:

RESOLUTION CONCERNING  
LOGAN GREEN

BE IT RESOLVED BY THE ARKANSAS RIVER COMPACT ADMINISTRATION:

WHEREAS, Logan Green has served as a Kansas Commissioner on the Arkansas River Compact Administration for 16 years from June 7, 1957, to June 7, 1973; and

WHEREAS, Logan Green has conscientiously devoted his ability and energy to the administration and conservation of the water resources of the Arkansas River; and

WHEREAS, Logan Green by his devotion to duty and his good judgment has earned the respect and affection of all members of the Arkansas River Compact Administration; and

WHEREAS, Logan Green has relinquished his position as commissioner of the Arkansas River Compact Administration;

NOW THEREFORE BE IT RESOLVED by the Arkansas River Compact Administration that the said Administration desires to express its thanks and gratitude to Logan Green for his loyal and faithful service, his fine cooperation, and his aid in solving the administrative problems confronting the Administration during this tenure as commissioner and that the Administration sincerely wishes him the best of everything and continued health and happiness in all of his future endeavors;

BE IT FURTHER RESOLVED that this resolution be entered into the records of this Administration and that the Secretary be instructed to send a copy to Mr. Green.

The resolution was adopted by the Administration. The Administration agreed to a cutoff date of January 15, 1974, for corrections to the annual report.

Mr. Hackett explained to the Administration that he had obtained only one bid for printing the annual report. The bid was from the Lamar Tri-State Daily News to print 400 copies for \$450. Mr. Reedy moved that the bid be accepted, and Mr. Gibson seconded the motion. The motion passed a vote of the states.

Mr. Bentrup called for an election of officers and selection of committee members. Mr. Gibson moved that the present officers be re-elected, that the members of the committees be re-appointed, and that Mr. Reeve assume Logan Green's place on the Administrative and Legal Committee. The motion was seconded by Mr. Sparks and approved by the states.

Mr. Sparks described the John Martin Reservoir permanent pool situation. The Colorado Division of Wildlife has purchased 2,098 shares of stock in the Catlin Canal Company, and at the present time the state is attempting to arrive at an operating agreement with the Catlin Canal Company. The Division of Wildlife has filed a petition in the water court requesting a transfer of part of the water rights represented by the stock. The proposed transfer plan provides that the water continue to be diverted at the Catlin headgate and measured back into the river at Crooked Arroyo. The state now has enough information to have the committee, which was discussed last year, start reviewing the whole operation. Colorado appointed Mr. Helton and Mr. Percious of the Colorado Water Conservation Board to the committee. Kansas will appoint two members to the committee, and Mr. Gibson will supply their names to the secretary of the Administration in the near future. The committee should get together sometime within the next 60 days to give a preliminary review of the transfer.

Mr. Gibson stated that the U. S. Army Corps of Engineers have released their "Report on Review Survey for Flood Control and Allied Purposes, Arkansas River and Tributaries, John Martin Dam, Colorado, to Great Bend, Kansas," and he feels that the Compact should be referred to more in the report and that the Administration should be given the opportunity for comments and approval. Considerable discussion occurred regarding the report's two main features--Kendall and Willow Creek Reservoirs. The Administration directed the secretary to inform the Corps of Engineers that they would like to be advised of the operation procedures of these reservoirs so that they could review them and prepare comments.

Mr. Bentrup called for consideration of the proposed budget for F.Y. 1975-76. Mr. Reedy presented the following budget:

PROPOSED BUDGET

Fiscal Year July 1, 1975 - June 30, 1976

Personal Services		\$2,065.00
Secretary's Salary	\$1,800.00	
Social Security	125.00	
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 & Operation		1,925.00
Bond (Treasurer)	25.00	
Printing	500.00	
Official Publications	100.00	
Travel Expense	600.00	
Typing & Mailing	125.00	
Investigation & Inspection	100.00	
Telephone & Telegraph	375.00	
Office Supplies	100.00	
Total Budget 1975-1976		<u>\$8,490.00</u>
Estimated Carryover June 30, 1975		<u>100.00</u>
To Be Appropriated		\$8,390.00
Colorado (60%)	\$5,034.00	
Kansas (40%)	<u>3,356.00</u>	
	\$8,390.00	

Mr. Reedy moved that the budget be accepted. The motion was seconded by Mr. Reeve and passed a vote of the states.

The meeting was adjourned at 11:00 a.m.