

CORRECTED  
7/1/76  
11:45 FOR 7/1/76

MINUTES OF  
ARKANSAS RIVER COMPACT ADMINISTRATION  
MEETING

COW PALACE MOTEL  
Lamar, Colorado  
December 9, 1975

ATTENDANCE:

For Colorado:

Felix L. Sparks, Denver  
Robert R. Tempel, Wiley  
~~Harry Bates, Jr., Holly~~

For Kansas:

M. P. Reeve, Garden City  
Carl E. Bentrup, Deerfield, V.C.  
Guy E. Gibson, Topeka

Secretary:

Lane L. Hackett, Lamar

OTHERS ATTENDING:

Felix Sparks, Chm., C.W.C.B.	Denver, Colo.
Duane Helton, C.W.C.B.	Denver, Colo.
David W. Robbins, Colorado Attorney General Office	Denver, Colo.
Bob McCabe, C.W.C.B.	Denver, Colo.
Claire Stafford, KLMR radio station	Lamar, Colo.
Dale Coven, Colo. Div. of Wildlife	Las Animas, Colo.
Robert H. Caskey, Colo. Div. of Wildlife	Colo. Sprgs. Colo.
Don T. Lewis	Lamar, Colo.
LeRoy Nickleson, Fort Bent Ditch	Lamar, Colo.
Jack McNeice, USBR	Pueblo, Colo.
Robert W. Jesse, Division Engineer	Pueblo, Colo.
Harry C. Nevius, Amity Canal	Lamar, Colo.
Ron Steger, USGS	PUEblo, Colo.
Russ Livingston, U.S.G.S.	PUEblo, Colo.
Richard U. Grazier, U.S.G.S.	Denver, Colo.
Charles L. Thomson, S.E.Colo. Water Con. Dist.	Pueblo, Colo.
Wm. Pattie, Water Comm. Dist. 17	La Junta, Colo.
William L. Lindsey, U.S.Army Corps of Engrs.	Hasty, Colo.
Leo Pollart, Amity Mutual Irr. Co.	Holly, Colo.
Wm. Howland, Amity Mutual	Holly, Colo.
C. V. Mills, Lamar Daily News	Lamar, Colo.

## MEETING CALLED TO ORDER

Mr. Bentrup called the meeting to order at 9:40 a.m.

Mr. Tempel of Colorado moved to approve the Minutes of the last meeting, seconded by Mr. Reeve of Kansas; motion carried.

## REPORT OF STANDING COMMITTEES

Administrative and Legal Committee -- no report.

Engineering Corps Committee -- no report.

## OPERATIONS COMMITTEE REPORT

Operations Committee report was made by Lane Hackett as follows:

November 1, 1974 through October 31, 1975

Winter storage began at 2400 hours, Mountain Standard time, October 31, 1974, with the reservoir being empty since April 18, 1974.

A river flow call was released November 1, 1974 to fill a demand made by Colorado. This river flow release was on and off through November and December due to winter weather factors, and in cooperation with the USGS in construction of the new control station below John Martin. The average release for this period was about 14 cfs. Storage accumulated in the reservoir to January 1, 1975 was 1556 acre feet. On February the 25th, 1975, a 12 cfs river flow release was made to fill a Colorado demand, and was maintained through the remainder of the winter storage period.

Conservation storage on April 1, 1975 was 8555 acre feet. Kansas placed a demand for 400 cfs to be released April the 1st, but relinquished for a later date to coincide with Colorado's call. Light snows and high wind in the area would have caused considerable inefficiencies in use of the short water supply. Initial release was made at 8:30, April 8, to meet the Kansas demand of 400 cfs and Colorado of 600, plus river flow. The storage was 8,758 acre feet. Maximum releases was maintained until the reservoir became empty April 12, 1975.

The gates remained open and the river was administered according to Colorado Priority System until winter storage began October 31. June, July and August localized rainstorms created some tributary flows below John Martin and isolated ditch damage in water district No. 768; majority of any flood conditions was below John Martin to the State line.

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AND ITS  
During the season, inflow into John Martin never exceeded demands of Colorado and Kansas irrigators who were experiencing a very short moisture conditions for the second year. The new artificial control station below John Martin, ~~its~~ stage discharge rating data ~~was~~ was established early in June, too late for release of conservation water, but did definitely prove to be an asset in administration for the irrigation season.

The other compact stations accuracy continues to be a problem due to channel obstructions, silting, grass, brush and beaver dams. The high frequency radio equipment at the gauging stations was a continuous maintenance problem as the transmitters are nearly worn out.

Storage to-date is 3,354 acre feet with the gates completely closed since 10 a.m. November 19, 1975.

For Operations Committee:  
Harry Bates, Jr., Chairman  
Carl E. Bentrup

Respectfully submitted,

Lane L. Hackett  
Secretary.

Mr. Bentrup called for any questions about the Operations Committee Report and there were none.

Mr. Tempel moved that the Operations Committee Report be accepted and Mr. Reeve seconded the motion. The states approved the motion.

#### SPECIAL TELEPHONIC MEETING

Mr. Hackett presented the minutes of a Special Telephonic Meeting as follows:

April 9, 1975

A special telephonic meeting was held April 9, 1975 in accordance with Article V F of the Compact, for the purpose of declaring that the reservoir would become empty April 12, 1975. Mr. C. J. Kuiper, Colorado State Engineer, and Mr. Robert Jesse, Division Engineer, were notified of this action and that administration of decreed water rights for Colorado would commence on April 12, 1975, unless a change of conditions justified cancellation or modification of this notice.

The reservoir became empty at 9 p.m., April 12, 1975.

Participating members: For Colorado: Mr. Bates and Mr. Tempel

For Kansas: Mr. Bentrup and Mr. Reeve.

Mr. Bentrup asked if there were any questions, additions or exceptions about the telephonic meeting, and hearing none directed that it be approved and included in the business of this meeting.

Mr. Bentrup called for consideration of the Auditor's Report. Mr. Tempel inquired if \$7,669.00 was spent in excess of the budget; Mr. Hackett explained that was true because there was \$8,000.00 that was never entered in the budget, which was for the construction of the new measuring device below the outlet. U.S.G.S. has paid \$8,000.00 of the cost, for a total of \$16,000 being paid towards the \$20,000.00 due, ~~with Kansas to pay the remaining \$4,000.00~~

Mr. Reeve moved the Auditor's Report be accepted; seconded by Mr. Tempel. The motion passed a vote of the states.

The next item to come before the Administration was the Annual Report. Mr. Helton stated there would be a complete final report available by the middle of January for the Administration.

#### ELECTION OF OFFICERS

Mr. Gibson moved that the present members of the Administration committees and officers be nominated to serve again for the coming administrative year; seconded by Mr. Tempel. The motion passed a vote of the States.

Discussion was had on the Federal Representative, and it was agreed that both states, through Mr. Sparks and Mr. Gibson, would contact the Governors of the states and request them to contact the President requesting him to appoint a chairman, and that both states submit names for consideration.

PROPOSED BUDGET

The following proposed budget was presented:

PROPOSED BUDGET

Fiscal year July 1, 1977 - June 30, 1978

Personal Service . . . . .		\$ 2,145.00
Secretary's salary . . . . .	\$ 1,800.00	
Social Security . . . . .	105.00	
Professional services . . . . .	240.00	
(Audit & Recorder)		
U. S. Geological Survey . . . . .		4,400.00
Cooperative services . . . . .	4,400.00	
Capitol Outlay . . . . .		100.00
Office equipment . . . . .	100.00	
Maintenance Operation . . . . .		2,150.00
Bond (treasurer) . . . . .	25.00	
Printing . . . . .	600.00	
Official Publications . . . . .	100.00	
Travel Expense . . . . .	700.00	
Typing and mailing . . . . .	150.00	
Investigation and inspection . . . . .	100.00	
Telephone and telegraph . . . . .	375.00	
Office supplies . . . . .	100.00	
TOTAL BUDGET 1977-1978 . . . . .		\$ 8,795.00
Estimated Carryover June 30, 1977 . . . . .		<u>100.00</u>
To be appropriated . . . . .		\$ 8,695.00
Colorado (60%) . . . . .	\$5,217.00	
Kansas (40%) . . . . .	3,478.00	
*Concrete Control 1974-75 . . . . .	\$8,000.00	
Colorado (60%) . . . . .	5,217.00	
*Credit . . . . .	<u>3,200.00</u>	.. 2,017.00
Kansas (40%) . . . . .	3,478.00	
*Debit . . . . .	<u>3,200.00</u>	.. <u>6,678.00</u>
		\$ 8,695.00

Mr. Sparks inquired if there was anything in the budget for rehabilitation of the radio system at gaging stations. Mr. Hackett replied there was not anything in the budget for it but that something definitely needed to be done on the radio transmitter equipment and the stations themselves. Mr. Sparks asked if the Operations Committee had made any recommendations along these lines and Mr. Hackett replied not to his knowledge. Mr. Grozier was asked if he had any opinion as to cost to improve the system and replied he didn't have any figures on the radio equipment. Mr. Grozier said he had been in contact with Motorola and others concerning up-dating the equipment; that the problem is that the two stations at Las Animas and the John Martin relay are pre-'65 equipment; the two stations at Coolidge and Hartman Relay are pre'68 equipment, and two relay stations, Syracuse and Lakin, going down to Garden City, one at Garden City, are after 1968; the last two relay stations are pretty good equipment; the earlier equipment has many problems of battery failures and batteries are getting quite expensive. For example, they had service calls alone of over \$600.00 last year. The two Las Animas stations are battery operated, and they are going to, out of their own operating costs, convert them to 110, hoping to eliminate some of the problems. They are having the most trouble with old tube type transmitting equipment, which should be updated with modern equipment. That the entire system needs updating, but does not have any figures on it at this time. Mr. Sparks commented that this appears to be a rather critical thing for successful operation of the compact administration; that something should be done now. Mr. Grozier stated that the Geological Survey would be in position to match expenditures. Discussion followed.

MR GROZIER  
STATION

Mr. Gibson moved that a three months contract and a twelve months contract be entered into with the U.S.G.S., concerning the cooperative agreement with them. Mr. Tempel seconded the Motion. Motion was approved by the states.

Mr. Tempel moved that the budget be approved as presented with the notation that the Operations Committee study the requirements of updating the equipment and reporting back to the Administration by April 1, and if approved by both states will be included in the budget as though presented at this time. Mr. Reeve seconded the motion. Motion was approved by the states.

PERMANENT POOL AT JOHN MARTIN RESERVOIR

Mr. Reeve stated that he had just had a report within the last two weeks and represented that it be tabled and turned over to the Study Committee. Mr. Sparks commented that it was an issue that had to be solved and everyone should have time to study it. Mr. Sparks further stated that they do ~~not~~ have a Colorado decree changing point of storage of a previous decreed right. It was pointed out that a study group had been appointed in 1972 to study the permanent pool feasibility and potential and their report is the one just received two weeks ago. Mr. Sparks pointed out that there is a relatively small amount of water involved and the Court Decree requires some rather stringent operational ~~operational~~ procedures in measuring that water. That the State of Colorado has already expended in excess of a Million Dollars in pursuing this authorization by the Congress. Mr. Gibson requested the chairman to read how the matter was left, which Mr. Bentrup did as follows: "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 and report its findings to the Compact Administration. The Motion was seconded and passed on vote of the states." Mr. Sparks said that the two appointed from Colorado were Mr. Duane Helton and Mr. McCabe of the C.W.C.B. Mr. Gibson said that the two appointed from Kansas were ~~Gary~~ Hilmes and Harris Mackey.

JERRY

Mr. Reeves moved that the proposed resolution for the permanent pool at John Martin Reservoir, including the study of the Muddy Creek storage rights, be deferred, to be referred to special engineering committee created in 1972, and that such committee be asked to submit a report by April 1, 1976 to the members of the Compact Administration, and that such report be considered at a meeting to be held in Garden City, Kansas, May 5, 1976 (special meeting), with a tour to be held on May 4, 1976. Motion seconded by Mr. Tempel and passed by the states. Mr. Sparks moved that Mr. Duane Helton of Colorado be appointed chairman of the committee; seconded by Mr. Gibson, passed by the states.

PUEBLO DAM

Discussion was had on winter storage behind the Pueblo Dam. Charles L. Thomson, S.E.C.W.C.D. noted that the winter storage study had been underway since 1969; that the program was inaugurated on a three-month experimental basis as of Dec. 1, this year; that it was hoped the water would

eventually be impounded behind the Pueblo Dam for five months from November 1 to April 1; that five ditches below the dam had agreed to store winter water behind the dam. The present experiment will expire February 1, 1976 and all entities will closely observe the operation. Bob Jesse, division engineer was introduced and said he did not come prepared to present a report, but did explain some of the operation. Mr. Jesse said he would be glad to meet with the Compact's Engineering Committee to show them what records they are keeping and how they are going at it, on May 5. Mr. Jesse explained the operation in general. Mr. Reeve complimented the Colorado people on putting this on an experimental basis. Mr. Reeve went on to say that the states need to work together to have the best results possible for everyone.

Mr. Sparks moved that the special engineering committee appointed in 1972 or such substitutions as are made from time to time by the two states involved, be directed to review at the end of each compact water year, the operations of the Frying Pan-Arkansas Project and to report to the Administration at each annual meeting the opinion of that committee of the relationship between Frying Pan-Arkansas Project and the Arkansas River Compact Administration. Mr. Gibson seconded the motion. Motion passed by the states.

Harry Nevius, of the Amity Canal, commented on record keeping of inflow and outflow at the Pueblo Dam, and that some means should be developed to determine the amount of unmeasured water that is going into the John Martin Reservoir each year.

Meeting adjourned.