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A N N U A L R E P O R T

DIVISION OF WATER RESOURCES
DIVISION III

COLORADO DEPARTMENT OF NATURAL RESOURCES

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WATER ADMINISTRATION

The 1987 runoff proved to continue the extraordinary string of consecutive high water years in Division III. The snowpack and subsequent runoff of the last three years looked like triplets--all three producing over one million acre feet on the Rio Grande River near Del Norte, providing ample water supplies for users, keeping ground water and reservoir storage full and insuring Elephant Butte Reservoir in New Mexico remained full. For the third year in a row Elephant Butte Reservoir spilled which released Colorado from any delivery obligation. Yet, because of the shortage of storage facilities on the Rio Grande system in Colorado, approximately 827,000 a.f. of water crossed the state line, much of which was wasted to the Gulf of Mexico. This overabundance of water in both Colorado and New Mexico in 1987 should insure a spill in the early part of 1988 for an unprecedented fourth consecutive year. The last time a spill occurred prior to 1985 was 1942. Considering the large runoff and all the things that go with it, plus the spill at Elephant Butte Reservoir, 1987 was a very eventful year.

A. Current Water Year 1986-1987

1. Accomplishments

a. Colorado's obligation under the Rio Grande Compact was again met in two ways this year, thanks to an abnormally high runoff. First, provisions in Article VI of the Compact provide that there is no annual obligation to deliver water to New Mexico in the year of a spill of water from Elephant Butte Reservoir. A "paper spill" occurred early in 1987 prior to the irrigation season assuring users that they would not be curtailed for Compact purposes. The date of the spill has yet to be determined by the Commission. Secondly, there was enough water in the Upper Rio Grande system this year to not only provide a large supply to all users but enough excess to meet what would have been our obligation without the spill.

For the third year in a row the Rio Grande mainstem near Del Norte produced in excess of one million acre feet of water. The 1987 runoff was one of only eight years in recorded history producing over one million acre feet, running approximately 1,020,000 a.f. Also, this was the first time it has ever run three such years consecutively. It was also the sixth consecutive above-normal year on both the Conejos and Rio Grande Rivers. This, of course, helped keep ground water tables high, filled reservoirs and kept the call off the rivers during the irrigation season except for a short while during the late summer and early fall.

This third near-record year again caused considerable concern in the town of Alamosa regarding the levee system. The Corps of Engineers, the city, county and state combined to continue a levee rehabilitation project which meets Corps specifications. The second phase was completed early this fall and will help the flood flows move much more easily through the town. The third phase, which is to be done by the Corps, is to start in the summer of 1988.

b. The satellite monitoring system worked well during the year and the hydrographic staff was able to handle many problems that came up. This enabled Division III to have a minimal amount of down time. The system provides extremely valuable information to administer rights, track Compact deliveries and monitor flood flows. Several commissioners are hooked into the monitoring system and can more exactly administer their streams because of the excellent data available. Our thanks to Chuck Shaffer and Will Burt for all their help. We are continuing to encourage users to get into the system by showing them the benefits of what it can do.

c. Although we have no claim to the progress on the Closed Basin Project, its construction stands with Stages 1, 2, and 3 basically complete and Stage 4 partially completed. There are, however, critical funding deficiencies which threaten the completion of Stage 4 and a possibility of cancellation of Stage 5. We sincerely hope this will not happen. After the spill of Elephant Butte Reservoir early in the year the Rio Grande Water Conservation Board decided that since there was no need for water to be delivered to the river from the project for Compact purposes, they asked the Bureau to pump only the amount necessary to satisfy the other priorities. The Bureau delivered 6076 a.f. to the Alamosa Wildlife Refuge and 859 a.f. to the Blanca Wildlife Management Area. In early November the District requested that all the water from the test pumping be delivered to the river. Therefore, from mid-November through the end of the year approximately 12 cfs was released into the Rio Grande River and 894 a.f. was delivered.

d. Division III was fortunate to be fully staffed in 1987. It provided us all an opportunity to begin to build a solid knowledge base to handle problems which lie ahead when three of our veteran commissioners retire. The full staff was able to overcome backlogs in diversion and tabulation records, stream flow records, court cases and well inspections which helped us handle new situations timely.

e. The hydrographic unit progressed well throughout the year and we were able to expand their duties to include some tabulation work, resume review and field inspections. This provided them an excellent opportunity to expand their knowledge and should help them compete for administrative positions. It has worked very well and has helped the front office complete projects more timely. We were able to accomplish this new program because of the top quality people in the hydro section. They were able to complete their hydrographic responsibilities and pick up this additional work as well which we have never been able to do before.

f. The ability to enter, correct and print out diversion records in the Division office made a tremendous difference this year. Although several "bugs" are still being worked out we have had tremendous success with training and using our commissioners to enter their own data, check it, and make any final adjustments. This has greatly streamlined the diversion record process but has created traffic jams on the computer which is a whole new problem. The commissioners, Bob Plaska, and Sue Edling are to be commended for their initiative and diligence in this area.

g. The tabulation update is perhaps one of the brightest areas in our records. We have finally cleared up the confusion of the '82 - '84 updates and are now finishing up the '87 update in preparation for the published 1988 tabulation mandated by statute.

h. The abandonment cases were decreed by the judge midyear and concluded what proved to be a very controversial process. Approximately one-half were uncontested, approximately one-fourth were resolved in favor of the water right owner, a few got totally or partially abandoned, and the "Freehold" cases were withdrawn but not without a written administrative scheme by the State Engineer to handle those rights. It remains to be seen how that situation works out.

i. Decreed augmentation plans were administered division wide in earnest for the first time this year. We have them all identified and are working with the commissioners to address each plan in their districts.

j. Several reservoirs in Division III were rehabilitated this past year thanks to the efforts of the owners as well as the DWR staff. Dam reconstruction on Rio Grande Reservoir, Fuchs Reservoir, and Lost Lake #1 was finished in 1987, and we sincerely hope the repairs "stick" this time.

k. A few major changes were made in our operating and travel budget expenditures in 1987. Commuting in state vehicles and paying commissioners to travel to and from their homes to the office has been eliminated. It was not a welcome change but was absolutely necessary in order to try and live within our budgeted amounts.

l. Our relationship with the water court has improved substantially in the past year with Judge Ogburn appearing to be comfortable with our investigations, integrity and responsibilities in the adjudication process. I feel we are now "heard" by the judge much more than in the past and it has made a big difference in our influence with the court.

m. Carl Escherman was chosen as the Division III Water Commissioner of the Year for 1987. Carl did an excellent job in all areas and was a very effective commissioner the entire year.

2. Involvement in the Water User Community

a. Our daily routines provide constant involvement with the water user community. Several hundred people a month come in or call the Division office for help solving their particular water problems. Working with the water bar and consulting engineers also keeps us in constant contact with the users.

b. I teach several classes at Adams State College each year for the International Irrigation Center. These classes generally include instruction on water rights and their administration, Compact concerns, and state government structure.

c. Our greatest exposure to the water user community comes with attendance at many of their meetings and Conservation and Conservancy District board meetings. The Rio Grande Water Users Association, the San Luis Valley, Alamosa-LaJara and Conejos Water Conservancy Districts, the Rio Grande Water Conservation Board and the San Luis Valley Well Owners Association are the main organized groups. The public meetings implemented this year, as suggested by the State Engineer, went very well and were generally well attended by users not normally associated with the organized groups. It provided a whole new forum to reach and educate groups which we were never exposed to before.

d. The water commissioners and hydros have constant involvement with the water user community. Ditch administration and measurements, field and dam inspections, and river measurements provide an excellent opportunity for our staff to be involved with the users.

e. The annual "flood fights" of the last few years brings us in contact with most municipal and county administrators and public works staffs in the valley. We have developed a good working relationship from these events by providing these agencies with up-to-date information on flows and movement of flood peaks down the river.

f. We provide information to the public through media releases to try and keep them up-to-date on river conditions and Rio Grande Compact concerns.

3. Particular Issues of Concern and Their Impact

a. With the spill of Elephant Butte Reservoir early in 1987, our attention to Compact administration was replaced by trying to formulate plans on how best to administer the river when we go back to an obligation status again. Several meetings were held between Jeris and attorneys representing the major user groups to identify the possibilities for Colorado under a no-debt situation under the Compact and start the process to form a plan to best meet the needs of all concerned.

b. On January 6, 1987 the State Engineer and I accompanied members of the Conejos Conservancy District to Washington D.C. to meet Commissioner Duvall of the Bureau of Reclamation to discuss the status of Platoro Reservoir on the Conejos River. Since Colorado has gotten out of debt under the Rio Grande Compact, the Conejos has tried to renegotiate their repayment contract with the Bureau. As an afterthought at that meeting an outright purchase of the Reservoir was suggested and has been actively pursued since that time.

Because of the continuing negotiation on the purchase, another temporary contract for the purchase of water from the Reservoir was agreed upon in time for the users to have water for the later part of the season. Approximately 7300 a.f. of water was delivered to users which was a tremendous help in finishing up crops and getting second cuttings of alfalfa. Overall the operation went well and was of great benefit to the users who participated.

Early this fall the District sought and had approved a combination loan and grant from the Colorado Water Conservation Board totalling \$500,000 for the purchase of the Reservoir. By the end of 1987 most all arrangements for the purchase had been agreed to and the deal seemed imminent, when the Colorado Division of Wildlife and the U. S. Forest Service combined to resist transfer of the land under the reservoir to the District and impose absurd operating restrictions for releases from the Reservoir. This caused great concern by the District and our office in that these irrational restrictions would prevent delivery of our Compact obligation at times, withhold water from water right owners, and could cause the Reservoir to fill and spill or be drained simply because passing the actual inflow to the Reservoir is considered detrimental to the fishery below the Reservoir.

This problem is going to be addressed by another meeting with Chief Forester Robertson in Washington, D.C. in mid-January, 1988. It will be difficult at best to keep everything involving the purchase on track while trying to unravel this new development.

c. In our opinion, river channels continue to deteriorate on the Valley floor because of the high water years. The Conejos, Rio Grande and the Alamosa Rivers are of great concern. No comprehensive program exists for those rivers and only spotty work is done to fix the most critical areas. This "spotty" work seldom lasts more than one season and little is done to understand the effects of that work. Poor delivery efficiencies to water users and the Compact will surely result. With today's budget problems in all areas little is expected to change.

d. The diversion and tabulation programs have been cleaned up tremendously over the past year but are still being refined. The 1988 tabulation deadline is of great concern in order that we have the programs in proper shape so necessary checks and reviews can be accomplished. This, coupled with our continually finding older decrees which have not been tabulated by past administrations, points out we have a long way to go to get the tabulation into a useful, reliable tool.

e. The number of court cases filed in Division III decreased significantly the last year; therefore, the backlog of cases in the Court was reduced to less than 82 cases. This is very good progress considering little was accomplished in this area until the last two years. The complexity of the cases which are being filed has increased and more time is being devoted to fewer cases as a result.

f. Joe Clarke, the referee since 1980, resigned in late 1987. After the Division Engineer had a short tour as a "psuedo" referee, Steve Atencio was appointed as the Division III referee on December 14, 1987. He has worked in the water branch of the State Attorney General's Office and should be an excellent referee with a good understanding of water law and engineering.

g. The funding and inherent water quality problems and the legal and political challenges to the Closed Basin Project could affect several agreements involving the allocation of it production. If for any of these reasons the Project doesn't produce, the need for extensive rules and regulations governing ground water will again become necessary. It remains to be seen what level of production the Project will produce when it is pumped. The Rio Grande Water Conservation District, the sponsor of the Project, recently was granted an emergency mill levee increase by the Department of Local Affairs to help litigate the American Water Development Inc. (AWDI) water court case, 86CW46. The case, if granted as is, would very likely eliminate Stages 4 and 5 of the Project as well as many of the confined wells in the area.

h. The litigation of large cases like the AWDI, USA's "flushing flows" and Traveler's are always a concern. The resources and time required to conclude these matters are costly and take away from many other things, but the importance of them is so great we must stay in the cases to protect senior vested rights from these claims.

i. The lack of a standard program to track our budget status is a particularly frustrating situation. The Department of Administration sheets are still difficult to follow and a program of our own which we control would greatly enhance our ability to meet our budgets.

4. Effects of Work Load Changes.

a. The continous training of the Division III staff in the use of the computer has taken some time but the benefits of that training have been numerous. Most of the commissioners have really taken to the diversion data entry process and we hope to continue and expand on it in the future.

b. Having evaluated all of the the Division III augmentation plans we now have the necessary information to administer these plans correctly. This new task will take the time of commissioners and Division staff and will demand efficient planning in our work load.

c. The new program we started this past year that rotated the hydros into the front office (one hydro per week) resulted in more efficient records investigations, resume review, court case analysis, and tabulation updates while Bob Plaska and I were involved in other things. We were able to accomplish this without a reduction in their work product and greatly increased their exposure to other Division responsibilities. The fact that we were able to do these things without their assigned workload suffering comes about because of increased budget restrictions the last few years that prevents them from being in the field as they should be. Under these circumstances the move appeared to be a very good one.

d. The water commissioners have arranged their work to allow for diversion data entry in the computer. As near as we can tell it has not had an effect on their responsibilities for ditch administration.

5. Impact of Budget on Division Operation.

a. The 1986-87 operating budget deficiency continued the reduction of necessary field work. Fewer hydrographic investigations, field inspection timeliness, and less frequent dam inspections cause us great concern but there is not money to properly complete these responsibilities.

b. The 1987-88 budget allocation is \$500 less than last year, therefore these areas will continue to suffer even more.

c. The consolidated budget has some advantages in transferring money between travel and operating but with the severely reduced budget it really doesn't have that much significance.

B. 1987-1988

1. Concerns Which Will Impact Division Operations

a. The projected spill of Elephant Butte Reservoir in early 1988 once again takes away the obligation to deliver water to the state line. This will allow the users on both streams a more adequate water supply than normal. Because of another potentially good water year considerable water will undoubtedly reach the state line because of the lack of conservation storage on the Rio Grande River. The water supply study currently underway for possible storage sites on the Rio Grande River sponsored by the San Luis Valley Water Conservancy District will perhaps provide a good basis for the feasibility of a new dam. The study should be completed this year.

b. Repair of the outlet works at Rio Grande Reservoir is also of much concern. The 51,000 a.f. of storage is essential not only to the owners but for taking the peak off of the high flows in the spring. The construction was completed in the fall of 1987 and we certainly hope this will be the last construction for some time.

c. Helping the Conejos users gain the ownership of Platoro in 1988 will be a high priority to insure maximum utilization of the Reservoir and the water stored there, as well as solve the question of use of the Reservoir once and for all.

d. As mentioned last year we predicted S.B. 5 would cause an increase in the modeling effort in the San Luis Valley. The Arkansas litigation slowed that project but it got back on track after Maurice Strong of the Baca Corporation filed his claim in court for 200,000 a.f. of non-tributary water under the Luis Maria Baca Grant No. 4 near Crestone. This is the first bonafide claim for non-tributary water in the San Luis Valley and it has generated great concern among the users as well as the State. A tremendous amount of resources of all concerned will be needed to properly evaluate these claims.

e. The administration of the Closed Basin Project water will come into play this year. At this writing the District is having the Bureau run water into the Rio Grande to meet our 1988 commitment and/or encourage a spill. The BLM has requested their 1988 portion of the water immediately and this has generated confusion as to how and when and by whom the water is to be allocated.

f. Vacant positions will impact division operation in 1988 with Wayne Schieldt transferring to Divison 5 and Carl Escherman, Leo Gonzales, and Henry Lamm all planning retirement this year. This will have a serious effect since the budget situation may delay filling those positions and none of these commissioners have deputies to take over their districts except Leo. There is a real need to have these veterans start a new commissioner before they leave to have any kind of reasonable transition at all.

2. Projected Work Items Planned in 1988

a. Plan for 1989 spill of Elephant Butte Reservoir.

b. Help the Conejos as much as possible to gain the use of Platoro Reservoir.

c. Help the Denver office in the evaluation and resolution of the Baca application for non-tributary water in the confined aquifer for the Closed Basin.

d. Draft an outline of the major areas of concern that need to be addressed in the rules and regulations for the administration of ground water in the San Luis Valley.

e. Complete the update of the 1988 tabulation and the diversion record programs and make them completely usable by year's end.

f. Get Bob Plaska and, to a certain extent, the other office engineers updated on administration in the San Luis Valley.

- g. Merge the water rights data base into the WATER data base.
- h. Continue to help the staff develop their ability to utilize the computer.
- i. Implement all plans for augmentation.
- j. Work with area legislators to provide full funding for the satellite monitoring program and a better budget situation.
- k. Work for a full staff considering the number of retirements and transfers we currently know about.
- l. Get a well inspector back into our regional area.
- m. Get a dam inspector into a field office in our regional area.
- n. Continue public meeting program.

GOALS AND OBJECTIVES

1. Administer water rights according to decree, statute and applicable case law.
2. Develop personnel in their education, background, and develop and/or maintain good working relationships.
3. Serve the public in a helpful, cordial and concientious manner by taking time to educate and assist them with their concerns.
4. Do practical and reasonable planning in writing.
5. Improve coordination of court cases we are involved in with Denver staff and AG's office.
6. Meet deadlines by increasing efficiency even in the face of reduced budget and increased load.
7. Secure a budget and personnel data base.
8. Timely finish 1988 tabulation for Division III.
9. Continue to develop relationship with the water court.
10. Expand satellite monitoring system.
11. Increase records quality; i.e., hydrographic, diversion, tabulation, decree.

A P P E N D I X A

DIVISION III
Office Staff

Steven E. Vandiver. Division Engineer
Principal Water Resource Engineer
Bob Plaska. Assistant Division Engineer
Supv. Water Resource Engineer
Sue Edling. Sr. Secretary
Wayne Schieldt. Sr. Water Resource Engineer
Bruce Whitehead Water Resource Engineer C
Kenneth Knox. Water Resource Engineer C
Dennis Felmler. Well Commissioner C

Water Commissioners and Deputies

Max NashSr. Water Commissioner, District 20
Travis SmithDeputy/Water Commissioner C
District 20
Ben CannonDeputy/Water Commissioner B
District 20
Leo GonzalesWater Commissioner C, District 21
Jim Sellers.Deputy/Water Commissioner B
District 21
Paul ClarkSr. Water Commissioner, District 22
Jim HortonDeputy/Water Commissioner B
District 22
Charlie QuintanaWater Commissioner B, District 24
Henry LammWater Commissioner C, District 25
Timothy LovatoWater Commissioner C, District 26
Perry AlspaughWater Commissioner B, District 27
Carl Escherman.Water Commissioner C, District 35

A P P E N D I X B

WATER DIVISION NO. 3

ACTIVITY SUMMARY

ACTIVITY	1987 CALENDAR YEAR
No. of Professional and Technical Staff	5
No. of Clerical Staff	1
No. of Water Commissioner FTE Assigned (Full/Part-Time)	5 to 10.5
No. of Decreed Surface Rights	Approx. 2500 total
No. of Surface Rights Administered (water diverted this year)	751
No. of Wells	Approx 22,528
No. of Plans for Augmentation	3 new - 46 total
No. of Consultations with Referee	102
No. of Water Court Appearances	63
No. of Meetings to Resolve Water Related Disputes	117
No. of Contacts to Give Public Assistance on Water Matters	5649***

***Does Not Include Water Commissioners

A P P E N D I X C

1987 RIO GRANDE COMPACT REPORT
Preliminary Figures

1. Rio Grande River Index.	1,019,300
Actual Rio Grande Delivery.	655,600
*Required Rio Grande Delivery.	450,900
*Margin Including 7400 AF Credit	212,100
2. Combined Conejos Index.	362,400
Actual Conejos Delivery	171,100
*Required Conejos Delivery	157,200
*Margin Including 2600 AF Credit	16,500
3. Combined Rio Grande River System Index.	1,381,700
Total Actual Delivery at Lobatos.	826,700
*Total Required Delivery at Lobatos.	608,100
*Margin Including 10,000 AF Credit	228,600
4. Rio Grande Curtailment	
Target (% of Index)	Actual (% of Index)
Jan. 1 100+%	Jan. 1 100%
Jan. 2 to Nov. 1 0%	Jan. 2 to Nov. 1 0%
Nov. 2 to Dec. 31 100%	Nov. 2 to Dec. 31 100% less stockwater
5. Conejos Curtailment	
Target (% of Index)	Actual (% of Index)
Jan. 1 100+%	Jan. 1 100%
Jan. 2 to Nov. 1 0%	Jan. 2 to Nov. 1 0%
Nov. 2 to Dec. 31 100%	Nov. 2 to Dec. 31 100% less stockwater
6. Water Available in Platoro Reservoir on December 31, 1987	43,600

*Assuming Spill had not Occurred

A P P E N D I X D
PRELIMINARY
TRANSMOUNTAIN DIVERSIONS SUMMARY -- INFLOWS

<u>WD</u>	<u>NAME</u>	<u>RECIPIENT</u> <u>STREAM</u>	86		87		<u>I YR OF RECORD</u>	<u>SOURCE</u> <u>STREAM</u>
			<u>AF</u>	<u>DAYS</u>	<u>AF</u>	<u>DAYS</u>		
20	Weminuche Pass Ditch	Weminuche Cr	3170	120	0	0	31	Rincon La Vaca Cr
20	Pine River Weminuche Pass	Weminuche Cr	961	105	575	92	31	N Fork Los Pinos
20	Williams Cr Squaw Pass D	Squaw Creek	242	30	530	91	78	Williams Creek
20	Tabor Ditch	Clear Creek	1300	151	1310	134	62	Cebola Creek
20	Don La Font #1 Ditch	South River	0	0	17	43	78	Trib Piedra River
20	Don La Font #2 Ditch	South River	12.5	26	350	88	78	Trib Piedra River
20	Treasure Pass Ditch	S.F. Rio Grande	411	57	0	0	29	Wolf Creek
20	Tarbell	Saguache Creek	0	0	55	14	28	Cochetopa Creek

PRELIMINARY
TRANSMOUNTAIN DIVERSIONS SUMMARY -- OUTFLOWS

16	Hudson Branch D	Huerfano	115	NA	198	NA	35	Medano Creek
16	Medano Ditch	Huerfano	190	NA	124	NA	35	Medano Creek

A P P E N D I X E

RESERVOIR STORAGE SUMMARIES

WD	RESERVIUR NAME	STREAM SOURCE	PREVIOUS I YR 1986		I YR OF RECORD 1987		END I YR					
			BEG I YR AF	%	BEG IRR SEAS AF	%	BEG IRR SEAS AF	%				
20	Continental	N Clear Creek	8,266	36	10,700	47	6,145	27	11,000	49	9,126	40
20	Rio Grande	Rio Grande River	33,993	67	31,689	62	0	0	3,500	7	3,000	6
20	Santa Maria	N Clear Creek	24,422	54	24,900	55	28,724	64	25,078	56	13,179	29
21	Terrace	Alamosa River	7,537	50	13,000	86	7,700	51	12,049	79	3,290	22
22	Platoro	Conejos River	53,500	90	47,000	79	52,300	88	47,000	79	44,150	74
24	Sanchez	Culebra Creek	41,480	40	39,500	38	41,815	41	42,486	41	45,599	44
35	Mt. Home	Trinchera Creek	3,239	19	5,220	30	6,134	35	7,532	43	2,377	14
35	Smith	Trinchera Creek	5,651	*97	6,025	*104	5,887	101	5,966	103	4,358	75

*Corrected Reservoir Capacity

A P P E N D I X F

WATER DIVERSION SUMMARY BY DISTRICT
IV 1987

WD	NO STRUCTURES REPORTED	NO OF DITCH VISITATIONS	TOTAL* DIVERSIONS [AF]	TOTAL DIVERSION TO STORAGE [AF]	DIVERSIONS [AF]	IRRIGATION USE		AVERAGE AF/ACRE
						ACRES	IRRIGATED	
20	238	26,629	889,920	62,531	605,355	344,682	344,682	1.8
21	81	3,674	171,259	14,710	156,271	59,546	59,546	2.6
22	101	3,802	242,412	16,070	218,083	87,632	87,632	2.5
24	66	2,546	96,860	25,688	71,172	22,403	22,403	3.2
25	97	1,565	106,576	0	106,576	20,312	20,312	5.2
26	89	1,519	81,245	0	81,245	32,910	32,910	2.5
27	25	1,060	30,702	0	30,702	2,890	2,890	10.6
35	54	1,848	88,968	7,592	77,917	27,772	27,772	2.8
TOTAL DIV 3	751	42,643	1,707,942	126,591	1,347,321	598,147	598,147	3.9

*Excludes All Diversions for Exempt Type and Use Codes

A P P E N D I X F, continued

WATER DIVERSION SUMMARY BY DISTRICT
IY 1987

WD	MUNICIPAL (AF)	INDUSTRIAL (AF)	DOMESTIC (AF)	AUGMENTATION (AF)	RECHARGE (AF)
20	2084	407	622	165	0
21	0	278	0	0	0
22	434	0	899	0	7182
24	0	0	0	0	0
25	0	0	0	0	0
26	0	0	0	0	0
27	0	0	0	0	0
<u>35</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>6375</u>	<u>0</u>
TOTAL	2518	685	1521	6540	7182

ROBERT W. OGBURN
JUDGE OF THE WATER COURT

STEPHANE W. ATENCIO
WATER REFEREE

CAROL S. REDDING
CLERK OF THE WATER COURT

WATER COURT-DIVISION 3

ALAMOSA COUNTY COURTHOUSE • ALAMOSA, COLORADO 81101

(303) 589-9107

January 11, 1988

Mr. Steven Vandiver
Division Engineer
422 Fourth Street
P. O. Box 269
Alamosa, CO 81101

Dear Steve:

Enclosed please find information concerning the end of the calendar year.

Number of applications received from January 1, 1987, through December 31, 1987: 87CW1 through 87CW58.

Types of claims received from January 1, 1987, through December 31, 1987:

- 132 Wells
 - 1 Hydroelectric plant
 - 8 ponds
 - 2 pipelines
 - 8 Reservoirs
- 15 Lakes
 - 5 Springs
 - 1 Spring-Ditch
- 44 Ditches
 - 1 Ditch with 2 pts. of diversion (count: 3)
 - 1 Ditch with 3 priorities (count: 3)
 - 1 Creek
 - 2 Creeks with 3 diversions (count: 5)

228 TOTAL

Number of cases terminated from January 1, 1987, through December 31, 1987: 119.

Structures terminated from January 1, 1987, through December 31, 1987:

- 789 Wells
- 162 Ditches
- 18 Ponds

CONTINUED

Mr. Steven Vandiver
January 11, 1988
Page 2

CONTINUED - Structure terminated from January 1, 1987, through
December 31, 1987:

4 Reservoirs
250 Springs
1 Flume
2 Conveyance Channels
3 Rivers
10 Pipelines
2 Pipelines & Springs
8 Lakes
2 Hydroelectric Plants
1 Storage Right
379 USA Structures

1,631 TOTAL

Break down of types of cases filed on from January 1, 1987,
through December 31, 1987:

Underground Water Right

87CW25
87CW29
87CW34
87CW36
87CW39
5

Conditional Underground Water Right

87CW16
1

Change of Water Right

87CW2
87CW9
87CW12
87CW13
87CW15
87CW19
87CW20
87CW21
87CW22
87CW23
87CW24
87CW31
87CW32
87CW38
87CW40
87CW41
87CW42
87CW46
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Conditional Change of Water Right

87CW35

1

Surface Water Rights

87CW4

87CW8

87CW10

87CW17

87CW30

87CW43

87CW44

87CW45

8

Conditional Surface Water Right

87CW3

1

Water Storage Right

87CW6 87CW52

87CW28 87CW53

87CW37 87CW54

87CW48 87CW55

87CW49 87CW56

87CW50 87CW57

87CW51 87CW58

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Conditional Water Storage Right

87CW14

87CW47

2

Application to Make Absolute Conditional Water Right

87CW26(81CW80)

87CW27(W-73-79)

87CW33(81CW77)

3

Application for Quadrennial Finding of Reasonable Diligence

87CW5(82CW129)

87CW18(80CW18)

2

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Approval of Plan of Augmentation

87CW1

1

Conditional Application for Approval of Plan for Augmentation

87CW11

1

Application for Conditional & Absolute Water Rights and For
Approval of Plan for Augmentation Including Change of Water
Rights and Appropriative Right of Exchange

87CW7

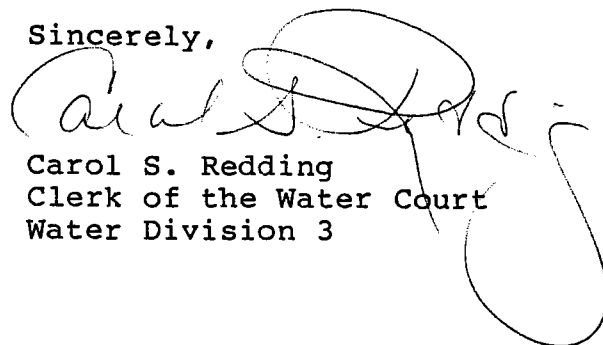
1

The number of cases pending as of December 31, 1987, is approximately 82. You may recall that I am in the process of verifying this particular figure as it does not agree with the open case report.

I am enclosing additional information that you may find helpful.

If you have any questions concerning the tabulations and enclosures, please give me a call.

Sincerely,



Carol S. Redding
Clerk of the Water Court
Water Division 3

csr

Enclosures

xc: file
Judge Robert W. Ogburn