

I. INTRODUCTORY STATEMENT

A.

Water Division Three contains about five million acres of land. Approximately one-half of this land is federally owned. This consists of national forests, public domain, wildlife refuges and includes the Great Sand Dunes National Monument.

Of the remaining 2 1/2 million acres of private land in the area about 500,000 acres is irrigated crop land, 250,000 acres permanent pasture of hay, 500,000 acres woodland and 1,250,000 acres of range land consisting of sage, chico, and natural grasses.

Generally Division Three includes all land in Colorado which drains into the Rio Grande River. The area is more specifically referred to as the San Luis Valley. It is located in southcentral Colorado and includes all or part of the counties of Saguache, Rio Grande, Alamosa, Conejos, Costilla, San Juan, Hinsdale, Mineral, and Archuleta. The Division is bounded on the North and West by the Continental Divide, on the East by the Sangre De Cristo Mountains, and on the South by the Colorado-New Mexico State Line. The Valley floor is nearly flat, sloping generally from North to South at a grade of 4 to 10 feet per mile. The area along the Rio Grande in the vicinity of Alamosa has a slope of only 0.6 of a foot per mile. The Northern part of the Valley lies within a Closed Basin with no surface outlet. This area is separated from drainage to the Rio Grande by a hydraulic ridge.

Soils of the Valley range from coarse gravel and rock next to the mountains to a fine blow-sand texture toward the center. The finer textured soils are underlain by sand and gravel with clay lenses beginning generally at a depth of 60 feet. During most years much of the land is subwatered.

The growing season between frosts ranges from a minimum of 90 to a maximum of 120 days. Precipitation averages about seven inches a year on the Valley floor. Hail storms are common during the growing season and Weather Modification (discussed later in this report) is practiced to reduce crop damage. The prevailing winds blow from South to West and are strongest in the spring.

The main crops raised by irrigation are alfalfa, potatoes, barley, oats, natural grasses, hay, and pasture. Cattle and sheep are feed-lot fed in the winter months and transported to mountain ranges in the summer. Crop yields are high and the quality is good.

The headwaters of the Rio Grande River are in Hinsdale county on the west side of the Valley. The Rio Grande flows generally West to East through the Valley turning South at Alamosa. Various small creeks from the surrounding mountains feed the river on its way through the Valley with the major tributaries being the South Fork of the Rio Grande joining the main stem at South Fork, Colorado, and the Conejos River's confluence with it near La Sauses. The Los Pinos and San Antonio Rivers are tributary to the Conejos River east of the town of Manassa. The San Antonio River heads in New Mexico and flows into Colorado. The Los Pinos heads in the Cumbres Pass area in Colorado, flows into New Mexico and then back into Colorado. The Conejos proper heads in the San Juan Range at Platoro.

The San Luis Valley, at an elevation of 7,600 feet, is oriented to agriculture. Several small towns sustain themselves as supply centers for this industry. Alamosa, the largest town in the Valley, is the exception with an accredited four year college majoring in the field of education.

Prior to 1963 growth was relatively stable with the upcoming generations either moving to the cities outside the valley for jobs or becoming involved in agriculture.

After 1965, Land Developers and Recreation promoters have made inroads, with their objective sub-division. Several meetings have been held with County Commissioners and

the San Luis Valley Regional Development and Planning Commission concerning water supply for lands changing from agricultural to domestic use. Rules and regulations concerning water supply incorporating changes in the law have been submitted to the County Commissioners and have been included in Regulations for Land Developers.

New construction, repairs, and projects are listed below:

PROJECT-SPONSOR	WORK	STATUS
Norton Drain-Rio Grande Water Conservation District	Construct additional drop structures-normal O & M	Complete
San Antonio River-Conejos Water Conservation District	Normal O & M	Annual
Conejos River-Conejos Water Conservation District	Channel rectification-Little River; return channel to original capacity 2,000 cfs @ Magote 1,400 cfs @ La Sauses	Started 11-15-71; complete; voted appropriation for next year
Saguache Creek-Saguache Creek Water Users Assn.	Construct Upper and Lower Basin Reservoirs	No progress
Terrace Reservoir-Terrace Irrigation Company	Offered for sale	No takers
Rio Grande Reservoir-San Luis Vally Irrigation Dist.	Replace lower sections of Spillway	Entire Spillway complete
Beaver Park Reservoir-Colo. Fish, Game, & Parks Dept.	Grout in new tunnel liner	Complete
Troutvale Res. No's 1 & 2-Colo. Fish, Game, & Parks Dept.	Install outlet tube lower reservoir	Complete
Lower Rock Creek-Rio Grande Water Conservation District	Channel rectification; rehabilitate drains; install new structures	No progress
Closed Basin-All Valley Water Users Assns., Div. Water Res., Colo. Water Conserv. Board, States of New Mexico & Texas	Salvage water lost to evaporation & evapotranspiration	Signed by the President-Omnibus Bill
Bring back artesian head-San Luis Valley-Rio Grande Water Conservation District	Valve, cap, or rehabilitate artesian wells for Water Salvage and Control	In progress; work on 570 wells has been completed. Water salvaged 9,000+ A.F.
Westside Ditch-Westside Ditch Company	Construct additional drop structure to pass Rio Grande River	Complete and in operation
Fuchs Reservoir-Owner	Reconstruct Spillway	No progress
Blanca-Trinchera, SR. Lacy, Inc.	Construct 5 Diversion structures; rebuild spillway Ute Cr. Res.	Project complete

In addition to the following projects proposed for the year 1964, the following projects are also being considered for the year 1965. These projects are being considered for the year 1965 because of the nature of the work involved.

Project Name	Estimated Cost	Estimated Start Date	Estimated End Date
Project A	\$100,000	1964	1965
Project B	\$200,000	1964	1965
Project C	\$150,000	1964	1965
Project D	\$300,000	1964	1965
Project E	\$250,000	1964	1965
Project F	\$180,000	1964	1965
Project G	\$120,000	1964	1965
Project H	\$90,000	1964	1965
Project I	\$70,000	1964	1965
Project J	\$50,000	1964	1965

The following table shows the estimated cost of the projects proposed for the year 1964. The total estimated cost of the projects is \$1,800,000.

The following table shows the estimated start and end dates of the projects proposed for the year 1964.

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In addition are the following projects proposed for aid from the U.S. Soil Conservation Service. There is some duplication and some are presently in progress or have been completed without S.C.S. help.

PROJECT-SPONSOR	WORK	STATUS
Trinchera Irrigation District-Same	O & M	Complete-5 miles
San Luis Peoples Ditch-Same	O & M	Complete-7 miles
Jarosa Mutual Irrigation Company-Same	3.5 miles concrete lining	Complete-total 7.0 miles
Alamosa River-Rio Grande Water Conservation District	Repair of diversion structures	No progress
Towns of Monte Vista, Saguache, Center, Blanca, Ft. Garland, San Luis, Chama, La Jara, Manassa, Guadalupe, & Capulin-Themselves	Municipal Water and/or Sewage Systems	80% complete

Some 20 to 25 pipelines are proposed for study to conduct water across the porous alluvial fan to ditches in the area on the east side of the valley. No progress.

PROPOSED IRRIGATION WATER MANAGEMENT PROJECTS-SAN LUIS VALLEY RC&D

ALAMOSA COUNTY

Empire Canal (Commonwealth) Improvement Project - Complete
 Prairie Ditch Company Improvement - Complete
 Structure for Commonwealth Irrigation Company - Complete
 Prairie Ditch Company - 4 Structures - Complete
 Westside Ditch - Complete

CONEJOS COUNTY

Los Sauses Ditch Company Diversion
 Flintham - Morgan - Scandinavian Canal
 Conejos River - Channel Improvement - In progress C.W.C.D. - Complete
 Alamosa Creek - Channel Improvement - Complete
 La Jara Creek - Channel Improvement
 Romero Ditch Lining
 Romero, Mogote, Northeastern Irrigation Structures - 50% complete
 El Coda Ditch
 Manassa Ditch - Lining

COSTILLA COUNTY

Channelization of Culebra Creek
 Trinchera Work Plan
 Sangre de Cristo Reservoir
 Lobatos Gap Dam
 Jarosa Mutual Ditch Co. - Concrete Ditch Lining and Changing Ditch-Complete
 Rito Seco Flood Control
 Sanchez Ditch and Reservoir Company
 Jarosa - Cerro Canal Lining and Diversion Dam - Complete
 Costilla Regulating Reservoir

RIO GRANDE COUNTY

Consolidated Ditch Company Diversion Structure
Terrace Irrigation Company Ditch Lining No. 1
Terrace Irrigation Company Ditch Lining No. 2
Terrace Irrigation Company Diversion Dam No. 1 - Complete
Terrace Irrigation Company Diversion Dam No. 2 - Complete
Terrace Irrigation Company - Valves and Gates Replacement - Complete
Cover Del Norte Ditch - Complete
Lariat Ditch Company in City of Monte Vista
Prairie Ditch Lining
Silva Ditch

SAGUACHE COUNTY

Saguache Creek Watershed Development
La Garita Creek Reservoir - Feasibility Study Complete
Carnero Creek Reservoir Construction
San Isabel Irrigation Project
Shellabarger Water Development
Pinos Creek Reservoir
San Luis Valley Irrigation District Improvement Project - Plans complete
Kerber Creek Watershed Project
Pipeline to replace open ditch on lateral of Farmers Union Canal on
North side of Center

II. PERSONNEL

NAME	POSITION	MO. WORKED		MILEAGE
		DISTRICT	(BUDGETED)	
Crosby, W. M.	Div. Engr.-W.R.E. IV	Div. 3	F.T.E.	* 4,676
McFadden, D. H.	Asst. D.E.-W.R.E. III	Div. 3	F.T.E.	* 1,700
Quigley, G. J.	Senior Clerk Typist	Div. 3	F.T.E.	None
McOllough, P.	Water Comm. II	20	F.T.E.	*11,151
Alsbaugh, L. R.	D. Water Comm.	20	9-F.T.E.	*20,835
Fuchs, L. M.	D. Water Comm.	20	7 (6)	1,107
Nash, M. E.	D. Water Comm.	20	6 (4)	9,222
Gonzales, L. B.	Water Comm. I	21	10 (8)	13,171
Morch, K. S.	D. Water Comm.	21	6 (9)	7,833
Parker, E.	Water Comm. II	22	F.T.E.	12,243
Sorensen, D. H.	D. Water Comm.	22	11-F.T.E.	11,677
Simons, L.	D. Water Comm.	22	3 (2)	4,185
Espinoza, J. M.	Water Comm. I	24	10 (10)	11,550
Lamm, H. R.	Water Comm. I	25	8 (6)	11,153
Crowley, G. W.	Water Comm. I	26	10 (8)	12,516
Watts, G. R.	Water Comm. I	27	10 (6)	6,846
Smith, W. B.	Water Comm. I	35	9 (8)	7,301
Armstrong, M.	Engr. Tech.-Hydro	Div. 3	2 (4)	*

NAME	POSITION	DISTRICT	MO. WORKED (BUDGETED)	MILEAGE
Coffer, H.	W. R. E. I - Hydro	Div. 3	F.T.E.	*
Waddington, L. A.	W. R. E. II - Hydro	Div. 3	F.T.E.	*
Walker, R. D.	W. R. E. I - Hydro	Div. 3	F.T.E.	*

Months actually worked include Annual Leave taken.

* All mileage via State owned vehicle. Where both are used mileage shown is private vehicle.

Gloria Jeanne Quigley, Senior Clerk Typist, replaced Janet Lamm who terminated her work here in April. Phillip McOllough and Elwin "Jake" Parker were promoted to Water Commissioner II while Lyle Alspaugh and Donald Sorensen went from "Permanent Part Time" to Full Time Employment" effective July 1. Keith Morch's employment was extended from 6 months to 9 months a year, also, effective July 1. M. E. Nash formerly temporary help was appointed Deputy Water Commissioner in Water District 20 as was Leo Simons in Water District 22. Max Nash is employed for 4 months and Leo Simons for 2 months. Mr. Nash replaced Roy Varner and Mr. Simons replaced Pat Trent. Mike Armstrong filled our Engineering Technicians position for 2 months this year, replacing Ken Cooper who is working in the Pueblo office. The Hydrographic position vacated by Donald Kammerzell was filled by Harold Coffer.

III.

A. SNOW PACK

Early indications were for a good snow pack and good runoff. However it stopped snowing the middle of December with no appreciable amounts for the remainder of the year. Combined with abnormal wind throughout the year, the short snow pack resulted in a runoff of approximately 70% on the Rio Grande and 45% on the Conejos. Good precipitation was received in October raising the yearly average. Until this time the runoff was approximately 60% on the Rio Grande and 30% on the Conejos. From mid-June until the rains come in October, the Conejos did not produce enough to fill the

No. 1 priority (70 cfs); the average delivered for this period was 27 cfs.

The U.S.S.C.S. forecast May 1 was 68% for the Rio Grande @ Del Norte and 60% for the Conejos near Magote for the period April - September. With the aid of the additional snow courses, Weather Bureau forecasts, and ground water levels, the forecasts were revised for use with the Rio Grande Compact delivery schedule on a Calendar year basis.

Snow courses maintained by this Division are:

COURSE NAME	DRAINAGE
Big Meadows	South Fork Rio Grande
Snow Embargo	Embargo Cr. Trib. to R.G.
San Antonio Sink	San Antonio River
Pinos Mill	Los Pinos River
Platoro	Conejos River

A Weather Modification program was again practiced in the Valley this year. Their goal was Hail suppression from July 1 to August 1 and then rain diversion during the month of September. Atmospherics, Inc. was the firm hired by the barley growers to perform the work. Atmospherics, Inc. had only three planes equipped for aerial seeding. Hail damage was heavy during times when the hail cells in clouds outnumbered the planes.

Atmospherics, Inc. operated under the new Weather Modification Law and were accused by some of the non-barley growers of operating contrary to this law. A hearing was held in Alamosa before the State Weather Modification Control Commission. The results of the hearing upheld the right of Atmospherics, Inc. to continue to practice for at least the remainder of their contract.

Two local amendments were on the election ballot in November, one from Rio Grande County and the other from Alamosa County seeking the opinion of the voters as to whether or not Weather Modification should be practiced. The counted vote was approximately 2 to 1 against Weather Modification.

The snow melt runoff occurred first in the Conejos system with the San Antonio starting March 5. It was of short duration and ended April 14 with a maximum daily discharge of only 43 cfs on March 11. The Los Pinos was next starting March 8 and ending June 1; the maximum daily discharge here was 284 cfs on April 11. The main stream of the Conejos gaged at Magote started April 8 and ended June 15 reaching a maximum daily discharge of 828 cfs on May 21. A release of 1,500 Acre Feet from Platoro was started 6:00 p.m., November 1 at a rate of 300 cfs. The release was completed November 4 at 6:00 a.m. The Rio Grande runoff also began April 8 and ended July 10 with the maximum daily discharge of 3,380 cfs May 31.

B. PRECIPITATION-SUMMER

Of the average precipitation of 7 inches, 5 inches fell during the summer months. This was the driest of two consecutive dry years. Precipitation during the summer months was very light with the major portion coming in late September and October similar to last year. The late moisture brought the annual total to near average, but because of the late arrival, was of little benefit to the irrigators. The largest storm of the season was October 31 when precipitation of 0.66 of an inch was received in the form of snow. Hail damage resulted in approximately 20% loss to the barley and possibly 10% to the potato crops.

The San Luis Valley is related to the general weather pattern only when storms come in from the South. The storms arriving from other than this direction are seriously affected by the mountain barrier that surrounds the Valley. This barrier is lower on the South.

C. FLOODS

No floods of record were received this year and only medium stage was attained during the runoff. The Rio Grande was the major stream reaching medium stage.

D. GENERAL

WATER BUDGET (ALL FIGURES IN ACRE-FEET)

YEAR NOV. 1, 1971 THRU OCT. 31, 1972

RIO GRANDE BASIN

<u>SUPPLY</u>	<u>IRRIGATION DIVERSION</u>	<u>IRRIGATION DEPLETION</u>	<u>MUNICIPAL & INDUSTRIAL DIVERSION</u>	<u>OTHER DIVERSION (UNDERGROUND WATER)</u>	<u>OTHER DEPLETIONS</u>	<u>RUNOFF AT STATE LINE</u>
768,746	736,159	581,536	Negligible	800,000	0	160,200

CLOSED BASIN

93,085	66,100	52,219	None	100,000	80,000*	None
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* Estimated evapotranspiration losses for the Closed Basin by U. S. G. S.

E. UNDERGROUND WATER

No clearly defined aquifers exist in the San Luis Valley, except in a local sense. The basin is filled with intermittent layers of sand, gravel, silt, and clay, with some layers of volcanics, which are more common south of the Rio Grande. Hydrologic boundaries do not necessarily correspond to geologic formational boundaries; the water bearing zones in the Valley are divided into three aquifers. The shallow unconfined aquifer is generally considered to be from near the surface to approximately 120'. The shallow artesian (aquifer A, U.S.G.S.) extends from near the base of the unconfined aquifer to approximately 1,620', and the deeper confined artesian (aquifer B, U.S.G.S.) from 1,620' to 3,120'. *See REPORT--U.S.G.S. ANALOG MODEL DEMONSTRATION PROBLEM, BY W. M. CROSBY--JULY 8, 1971.

The use of underground waters as a supplement to surface rights or as the sole source of irrigation waters has been vital to the economy of the Valley for many years. The ever increasing use of sprinkler systems has resulted in numerous requests for alternate points of diversion for existing wells and for surface rights. Conversion to sprinkler irrigation is a large investment for the farmer

(\$15,000 to \$20,000 each, plus pump and well cost), but does result in a lesser consumptive use of water.

Due to the unusual aquifer situation in the Valley and the lack of information regarding the casing history of many of the wells, some difficulty in defining the actual source of underground water withdrawn from these wells can be expected.

F. TRANSMOUNTAIN DIVERSIONS

NOV. 1, 1971 THRU OCT. 31, 1972

STRUCTURE	SOURCE	RECIPIENT	AMOUNT (A.F.)
Fuchs Ditch	Pine Creek	Paul Weaver	257.2
Piedra Pass Ditch (East)	Piedra River	Colo. G & F	161.0
Piedra Pass Ditch (West)	Piedra River	Colo. G & F	85.6
Raber Lohr Ditch	Pine Creek	L. Raber	928.4
Squaw Pass Ditch	Williams Creek	L. Sanderson	0
Tabor Ditch	Spring Creek	Colo. G & F	479.4
Cochetopa (Tarbell) Ditch	Lake Fork Cochetopa Cr.	Mel Coleman	383.1
Treasure Pass Ditch	San Juan River	Falk Bros.	266.4

The Forest Service in their efforts to set aside Wilderness Areas denied access via a road to the Cochetopa Transmountain Diversion. After several meetings and letters access was reestablished. The main point in favor of the water users was that the route presently traveled and maintained is the same road always traveled and diversion began before the Forest Service was even a twinkle in the President's eye.

The quality of records have improved from the Cochetopa Transmountain Diversion due to the efforts of the owners after an instruction session was held this spring.

An opinion was requested on the rotation of Medano Transmountain Diversion since both ranches (one in Arkansas and one in the Rio Grande Basin) are now under one ownership. The National Park Service requested the opinion after all water was run on the Arkansas side this year. When changed on July 15 as stated in the decree, the Sand

Dunes National Monument benefits from the waters irrigating natural grasses and flowers along the creek channel prior to its use for irrigation. It was felt by this office that the water should be rotated as stated in the decree regardless of ownership until such time the decree is amended in the water court.

G. RESERVOIRS

<u>NAME</u>	<u>CAPACITY IN A.F.</u>	<u>WATER DISTRICT</u>
Alberta Park	598	20
Beaver Park	4,434	20
Big Meadows	2,437	20
Big Ruby	94	20
Bristol Head No. 1	121	20
Bristol Head No. 2	804	20
Continental	22,679	20
Cove Lake	6,380	22
Downing	30	20
Eastdale No. 1	3,519	24
Eastdale No. 2	3,041	24
Fuchs	238	20
Goose Lake	232	20
Hay Press Park	200	20
Hermit No. 1	385	20
Hermit No. 2	407	20
Hermit No. 3	192	20
Humphreys	842	20
Hunters Lake	19	20
Jumper Creek	38	20
La Jara	14,052	21
Loch Laven	24	20
Lost Lake (Lower)	966	20
Lost Lake (Upper)	68	20
Love Lake	24	20
Meadow Lake (McCrone)	174	20
Meadow Lake (Wright)	115	20
Metroz (Lower Basin)	396	20
Metroz (Upper Basin)	84	20
Mill Creek	43	20
Mountain Home	18,595	35
Platoro	60,000	22
Poage	261	20
Regan's Lake	823	20
Rio Grande	51,113	20
Rito Hondo	561	20
Road Canyon No. 1	1,367	20
Road Canyon No. 2	84	20
Salazar No. 1	234	24
Salazar No. 2	35	24
Sanchez	103,155	24
Santa Maria	45,070	20
Shaw Lake	681	20
S. Lazy U. Dude Ranch	106	20
S. Lazy U. No. 2	42	20
Smith	5,651	35
Sowards No. 1-A	8	20
Sowards No. 2	35	20
Sowards No. 3	19	20
Sowards No. 4	45	20
Spring Creek	97	20
Spruce Lake No. 1	98	20
Spruce Lake No. 2	105	20

G. RESERVOIRS (CONT.)

<u>NAME</u>	<u>CAPACITY IN A.F.</u>	<u>WATER DISTRICT</u>
Squaw Lake	162	20
Stabilization (Head)	260	24
Streams Lake	41	20
Terrace	17,233	21
Trout Lake	198	20
Troutvale No. 1	201	20
Troutvale No. 2	257	20
Trujillo Meadows	913	22
Wee Ruby	186	20

<u>RESERVOIR</u>	<u>SOURCE</u>	<u>NOV. 1, '71</u>	<u>APR. 1, '72</u>	<u>OCT. 31, '72</u>
Alberta Park	Pass Cr.	598	598	598
Beaver Park	Beaver Cr.	1,026	3,123	3,332
Big Meadows	So. Fork R.G.	2,437	2,437	2,437
Big Ruby	Texas Cr.	93	93	0
Bristol Head # 1	Seepage Cr.	0	0	0
Bristol Head # 2	Seepage Cr.	0	0	0
Continental	No. Clear Cr.	2,856	6,236	2,222
Cove Lake	San Antonio Rv.	23	0	0
Downing	Lima Cr.	30	30	30
Eastdale # 1	Costilla Cr.	56	1,058	0
Eastdale # 2	Costilla Cr.	0	0	0
Fuchs	Pinos Cr.	237	237	237
Goose Lake	Fisher Cr.	1	155	1
Hay Press Park	Goose Cr.	200	200	200
Hermit # 1	So. Clear Cr.	385	385	385
Hermit # 2	So. Clear Cr.	407	407	407
Hermit # 3	So. Clear Cr.	192	192	192
Humphreys	Goose Cr.	842	842	842
Hunters Lake	Lake Fork Cr.	19	19	19
Jumper Cr. Lake	Jumper Cr.	38	38	38
La Jara	Torcido-Jim Cr.	4,552	4,064	2,080
Loch Laven	Trout Cr.	0	0	0
Lost Lake (Lower)	Lost Lake Cr.	90	336	6
Lost Lake (Upper)	Lost Lake Cr.	68	68	68
Love Lake	Middle Cr.	24	24	24
Meadow Lake (McCrone)	Middle Cr.	174	174	174
Meadow Lake (Wright)	Crooked Cr.	115	115	115
Metroz Lake (Lower)	Decker Cr.	396	396	396
Metroz Lake (Upper)	Decker Cr.	84	84	84
Mill Creek	Mill Cr.	43	43	43
Mountain Home	Trinchera	125	1,866	1,115
Platoro	Conejos River	2,900	4,400	4,400
Poage	Beaver Cr.	59	156	2
Regan's Lake	Crooked Cr.	153	299	42
Rio Grande	Rio Grande Rv.	7,901	18,051	8,483
Rito Hondo	Rito Hondo Cr.	561	561	561
Road Canyon # 1	Long Canyon Cr.	1,367	1,367	1,367
Road Canyon # 2	Saw Mill Cr.	84	84	84
Salazar # 1	Rito Seco	0	0	0
Salazar # 2	Rito Seco	0	0	0
Sanchez	Culebra Cr.	6,077	11,117	3,085
Santa Maria	No. Clear Cr.	4,353	6,633	2,998
Shaw Lake	Kitty Cr.	85	378	62
S. Lazy U. Dude Ranch	Crooked Cr.	106	106	106
S. Lazy U. # 2	Crooked Cr.	42	42	42
Smith	Trinchera	1,730	4,074	886
Sowards # 1-A	Middle Cr.	8	8	8
Sowards # 2	Middle Cr.	35	35	35
Sowards # 3	Middle Cr.	19	19	19
Sowards # 4	Middle Cr.	45	45	45
Spring Creek	Spring Cr.	165	165	165
Spruce Lake # 1	Trib. So. Fork	98	98	3
Spruce Lake # 2	Trib. So. Fork	32	105	34

G. RESERVOIR (CONT.)

<u>RESERVOIR</u>	<u>SOURCE</u>	<u>NOV. 1, '71</u>	<u>APR. 1, '72</u>	<u>OCT. 31, '72</u>
Squaw Lake	Squaw Cr.	162	162	162
Streams Lake	Springs	41	41	41
Terrace	Alamosa River	1,972	6,678	1,839
Trout Lake	Trout Cr.	34	94	1
Troutvale # 1	So. Clear Cr.	201	201	201
Troutvale # 2	So. Clear Cr.	257	257	257
Trujillo Meadows	Los Pinos Cr.	913	913	913
Wee Ruby	Texas Cr.	0	0	0

IV. AGRICULTURE

Crops of the San Luis Valley consist of the following in order of number of acres in production: hay, barley, potatoes, oats, spring wheat, corn silage, corn, and dry beans. There are almost as many cattle raised as sheep with sheep production about 10% greater. Hogs are also reported.

The available data is listed by county; therefore, a "Source of Surface Water Supply" by county is also tabulated in order to better relate types of crops with a drainage basin. Wells play an important part in the irrigation of these crops supplying an average of 1,000,000 acre feet of water to 500,000 acres of crop land per year.

<u>COUNTY</u>	<u>SOURCE OF SURFACE WATER SUPPLY</u>
Alamosa:	Rio Grande, Rock Creek, La Jara Creek, and Alamosa Creek
Conejos:	Alamosa Creek, La Jara Creek, Conejos River, Los Pinos River, San Antonio River
Costilla:	Culebra Creek, Costilla Creek, Venteno Creek, San Francisco Creek, Torcido Creek, Rito Seco Creek, Ojito Creek, Sangre de Cristo Creek, Trinchera Creek, and Ute Creek
Mineral:	(Within Division Three) Rio Grande River, Miners Creek, Willow Creek, Pork Creek, South Fork Rio Grande, Goose Creek, Trout Creek, and Clear Creek

<u>COUNTY</u>	<u>SOURCE OF SURFACE WATER SUPPLY</u>
Rio Grande:	Rio Grande River, Embargo Creek, Rock Creek, Cats Creek, San Francisco Creek, Pinos Creek, Beaver Creek
Saguache:	Arena Creek, Deadman Creek, Willow Creek, Crestone Creek, Rito Alto Creek, Cotton Creek, San Luis Creek, Kerber Creek, Middle Creek, Spring Creek, Jacks Creek, Saguache Creek, Carnero Creek, La Garita Creek

Following are the various crops, acreages, and values listed by county for the years 1970 and 1971.

1970 (FINAL)

CROP: HAY, (INCLUDES WILD AND ALFALFA)

COUNTY	ACRES HARVESTED	TONS/ACRE	PRODUCTION TONS	VALUE/DOLLARS
Alamosa	50,000	0.8	67,350	1,638,000
Conejos	52,200	1.4	71,600	1,647,000
Costilla	12,200	1.6	19,300	521,000
Mineral	5,000	1.4	7,000	175,000
Rio Grande	40,100	1.8	72,500	1,813,000
Saguache	58,500	1.6	91,100	2,308,000
TOTAL	223,000	1.5	332,800	8,320,000

CROP: BARLEY

1970 (FINAL)

	ACRES		BU./ACRE	PRODUCTION BU.	VALUE/DOLLARS
	PLANTED	HARVESTED			
Alamosa	19,500	19,000	50	950,000	921,500
Conejos	14,500	14,000	55	770,000	746,900
Costilla	3,000	2,800	60	168,000	163,200
Mineral	-----				
Rio Grande	30,000	28,500	55	1,570,000	1,523,000
Saguache	21,000	18,700	51	954,000	925,400
TOTAL	88,000	83,000	53.2	4,412,000	4,280,000

CROP: POTATOES

1970 (FINAL)

	ACRES		CWT./ACRE	PRODUCTION CWT.	VALUE/DOLLARS
	PLANTED/HARVESTED				
Alamosa	5,300	4,900	250	1,225,000	1,531,250
Conejos	2,800	2,700	240	648,000	810,000
Costilla	900	900	330	297,000	371,250
Mineral	-----				
Rio Grande	21,500	21,500	276	5,930,000	7,413,000
Saguache	7,000	7,000	270	1,890,000	2,362,500
TOTAL	37,500	37,000	273.2	9,990,000	12,488,000

CROP: OATS

1970 (FINAL)

	ACRES		BU./ACRE	PRODUCTION/BU.	VALUE/DOLLARS
	PLANTED/HARVESTED				
Alamosa	3,700	2,400	47	112,300	82,000
Conejos	3,700	1,500	43	64,500	48,300
Costilla	1,700	600	48	28,800	19,600
Mineral	-----				
Rio Grande	3,800	2,400	45	108,000	81,000
Saguache	5,100	3,100	44	136,400	98,200
TOTAL	18,000	10,000	45.0	450,000	329,100

CROP: SPRING WHEAT

1970 (FINAL)

	ACRES		BU./ACRE	PRODUCTION/BU.	VALUE/DOLLARS
	PLANTED/HARVESTED				
Alamosa	300	250	64	16,000	19,200
Conejos	600	500	29	14,400	17,300
Costilla	150	100	26	2,600	3,100
Mineral	-----				
Rio Grande	1,200	900	42	37,800	45,400
Saguache	250	150	60	9,000	10,800
TOTAL	2,500	1,900	44.2	79,800	95,800

CROP: CORN SILAGE

1970 (FINAL)

	ACRES/HARVESTED	TONS/ACRE	PRODUCTION/TONS	VALUE/DOLLARS
Alamosa	100	14.0	1,400	12,500
Conejos	200	14.0	2,800	25,100
Costilla	90	14.0	1,260	11,200
Mineral	-----	-----	-----	-----
Rio Grande	150	14.0	2,100	18,700
Saguache	260	14.0	3,640	32,500
TOTAL	800	14.0	11,200	100,000

CROP: CORN

1970 (FINAL)

	ACRES		BU./ACRE	PRODUCTION/BU.	VALUE/DOLLARS
	PLANTED/HARVESTED				
Alamosa	200	100	50	5,000	6,500
Conejos	200	-----	-----	-----	-----
Costilla	100	10	50	500	650
Mineral	-----	-----	-----	-----	-----
Rio Grande	200	50	50	2,500	3,250
Saguache	300	40	50	2,000	2,600
TOTAL	1,000	200	50.0	10,000	13,000

CROP DRY BEANS

1970 (FINAL)

	ACRES		LBS./ACRE	PRODUCTION/CWT.	VALUE/DOLLARS
	PLANTED/HARVESTED				
Alamosa	-----	-----	-----	-----	-----
Conejos	30	30	1,500	450	3,400
Costilla	70	70	1,500	1,050	8,000
Mineral	-----	-----	-----	-----	-----
Rio Grande	-----	-----	-----	-----	-----
Saguache	-----	-----	-----	-----	-----
TOTAL	100	100	1,500	1,500	11,400

CROP: WINTER WHEAT

1970 (FINAL)

	ACRES		BU./ACRE	PRODUCTION/BU.	VALUE/DOLLARS
	PLANTED/HARVESTED				
Alamosa	200	200	50	10,000	12,000
Conejos	-----				
Costilla	100	100	50	5,000	6,000
Mineral	-----				
Rio Grande	200	200	50	10,000	12,000
Saguache	-----				
TOTAL	500	500	50	25,000	30,000

1970 (FINAL)

	CATTLE: (On Farms)	SHEEP: (On Farms)	HOGS: (On Farms)
Alamosa	19,000	25,000	1,500
Conejos	37,000	38,000	2,200
Costilla	8,100	15,000	2,000
Mineral	1,900	2,000	-----
Rio Grande	24,000	43,000	9,600
Saguache	46,000	23,000	3,200
TOTAL	136,000	146,000	18,500

1971 (PRELIMINARY)

CROP: HAY, (INCLUDES WILD AND ALFALFA)-----NO REPORT

1971 (PRELIMINARY)

	ACRES		% HARVESTED	BU./ACRE	PRODUCTION/BU.
	PLANTED/HARVESTED				
Alamosa	19,500	18,000	92	52	936,000
Conejos	14,500	13,500	93	52	702,000
Costilla	3,000	2,500	83	48	120,000
Mineral	-----				
Rio Grande	36,000	32,000	89	51	1,628,000
Saguache	23,000	19,000	83	49	931,000
TOTAL	96,000	85,000	88.0	50.8	4,317,000

1971 (PRELIMINARY)

CROP: POTATOES-----NO REPORT

CROP: OATS-----NO REPORT

CROP: SPRING WHEAT-----NO REPORT

CROP: CORN SILAGE-----NO REPORT

CROP: DRY BEANS-----NO REPORT

CROP: WINTER WHEAT 1971 (PRELIMINARY)

	ACRES		% HARVESTED	BU./ACRE	PRODUCTION/BU.
	PLANTED	HARVESTED			
Alamosa	200	200	100	30	6,000
Conejos	-----	-----	-----	-----	-----
Costilla	100	100	100	30	3,000
Mineral	-----	-----	-----	-----	-----
Rio Grande	200	200	100	30	6,000
Saguache	-----	-----	-----	-----	-----
TOTAL	500	500	100	30	15,000

1971 (PRELIMINARY)

	CATTLE: (On Farms)	SHEEP: (On Farms)	HOGS: (On Farms)
Alamosa	19,000	19,000	3,000
Conejos	47,000	34,000	7,000
Costilla	9,000	14,000	3,000
Mineral	2,000	2,000	-----
Rio Grande	25,100	39,000	10,000
Saguache	52,000	22,000	6,200
TOTAL	154,000	130,000	29,200

The total production from all crops in the San Luis Valley (1970 vs 1971) is as follows for the available data.

PRODUCTION

	<u>1970</u>	<u>1971</u>	<u>% + or -</u>
Barley	4,412,000 BU.	4,317,000 BU.	-2
Winter Wheat	25,000 BU.	15,000 BU.	-40
Cattle	136,000	154,000	+13
Sheep	146,000	130,000	-4
Hogs	18,500	29,200	+58

Barley suffered from hail with acres harvested of the acres planted, 94% in 1970 and 88% in 1971.

Cattle on farms increased over 1970 due to the increase in beef prices. There was a very large increase in Hog raising with the trend returning to this field in livestock production; prices in this area has improved also. The Sheep population was less but no definite trend has yet developed.

In the Rio Grande Drainage Basin snow fall was below normal causing a shortage of irrigation water. Above normal pumping was necessary to provide essential water for crops.

Planting of the potato crop was on schedule, but emergence and early season growth were retarded due to below normal temperatures. Favorable temperatures and moisture prevailed during June. Hail Storms during late July and August damaged approximately 50% of the crop. This damage to plants and freezing temperatures the nights of September 3--5 stopped vine growth resulted in below size potatoes. Harvest was completed in mid-October under ideal conditions.

Cool spring temperatures also delayed the commercial crop production. Lettuce, spinach, and carrots were the leaders in this type of agriculture. Lettuce maintained its lead over the other two even though a late July hail storm destroyed substantial acreage. This was the principal factor for the decline of lettuce production in 1971. Only slight damage by hail was sustained on the spinach and carrot crops; above average yields and excellent quality resulted.

Pasture and range conditions were from average to below average during the 1971 grazing season. Spring and early summer precipitation was short in the San Luis Valley. However, rains during the last half of July and all of August promoted good growth of grasses.

V. COMPACTS AND COURT STIPULATIONS

The Rio Grande Compact remains current in its annual deliveries as required to keep the U. S. Supreme Court suit filed by Texas and New Mexico in abeyance.

The forecast "Annual Yield" for the Calendar Year 1972 is 640,000 Acre-Feet for both the Conejos and Rio Grande Rivers. This requires a delivery of 146,000 Acre-Feet. An anticipated total delivery of 176,000 Acre-Feet including the 10,000 Acre-Feet annual credit is forecast. This would credit Colorado with 30,000 Acre-Feet over requirements. The computed debit carried forward would then be approximately 763,700 Acre-Feet.

A "free river" was maintained in Calendar year 1972 until August 4th when 10% of the Index Supply at Del Norte plus return-flows was added to compact deliveries. This continued until September 23. After September 23 a "free river" situation was again the practice.

Again this year above normal precipitation was received in October and November. Arriving after harvest, the runoff added to the Compact deliveries.

The total yield of the Costilla Creek system for 1971 was 13,414 Acre-Feet, of which 7,351 Acre-Feet was direct flow and 6,063 Acre-Feet was from storage. Conveyance losses were 337 Acre-Feet leaving 13,077 Acre-Feet usable Supply.

The next regular meeting of the Rio Grande Compact will be March 29 and 30, 1973, Alamosa, Colorado.

The next regular meeting of the Costilla Compact will be in Alamosa, Colorado, probably, in May, 1973.

Administration of the Costilla Compact was relatively uneventful this year except for the Garcia Municipal well

going dry. There was very little direct flow in Costilla Creek for use by the Garcia area. Costilla Creek is also the source of recharge for the Garcia well. The lack of recharge water coupled with the preceding dry year resulted in pumping the well dry. A request was made by the people in Garcia to Jarosa Mutual Ditch Company for some of their water to run in Costilla Creek. Jarosa had none left. The situation was partially remedied by flushing sand at the Cerro Canal heading more often thus releasing some water to the Creek.

VI. DAMS

A.

Division Three personnel were involved in numerous dams inspection trips during the year. The following sites were visited; brief comments on the status of each follows.

1. Hot Creek Dam - visited proposed site; construction not started.
2. Paradise Dam - construction at or near completion; no final inspection to date.
3. Big Meadow - repairs to spillway gabion structure completed.
4. Rio Grande - repairs to spillway completed.
5. Ute Creek - redesigned spillway completed and inspected.
6. Beaver Park - grouting & relining of outlet tube completed.
7. Trout Lake - visual inspection; reports & pictures filed.
8. Wee Ruby - visual inspection; reports & pictures filed.
9. Little Ruby - visual inspection; reports & pictures filed.
10. Big Ruby - visual inspection; reports & pictures filed.
11. Squaw Lake - visual inspection; reports & pictures filed.
12. Goose Lake - visual inspection; reports & pictures filed.

B. LIVESTOCK WATER TANKS

No applications were made for Livestock Water Tanks this year nor were any built.

VII. WATER RIGHTS

A. TABULATION

As a result of work done this year on the tabulation

cards, we have received an updated printout of the tabulation list. We plan to concentrate heavily on further updating of the list after the Division Engineers Meeting.

B. REFEREE'S FINDINGS AND DECREES

The following is a status report on pending water rights rendered by the Water Judge/Acting Referee in Water Division III.

CATEGORY	RULINGS	DECREES
(1) Underground Water Rights	64	52
(2) Changes of Water Right	3	2
(3) Plan for Augmentation	0	0
(4) Water Right	3	5
(5) Diligence (Cond. Decree)	2	2
(6) Water Storage Right	2	1
TOTAL	74	62
(7) Applications Received in Water Court		3,000
(8) Number of Referee Consultations		11

The small number of actions to date by the Water Judge/Referee does not give a clear-cut picture of the response by the water users to the July 1, 1972 cut-off date or to the provision for adjudication in general. In scanning the publication list of applications for adjudication, it is clear that the majority are for underground water rights. There appears to be some confusion or misunderstanding on the part of applicants and/or their attorneys as to the use of wells as alternate points of diversions for surface decrees, which may account for the small number of actions completed in this category.

The Water Judge has taken the position on applications for small wells that an additional affidavit should be furnished, regardless of whether or not the wells were registered with the State Engineer. He has drafted a form, a copy of which is included, requesting an additional affidavit supplying details on each well. Compliance with this "requested" information (which has a 60-day deadline) would appear to

work an unbearable burden on most of the applicants for such wells. A small number of these requests have already been mailed to later applicants.

As mentioned in the Underground Water Section (III-E), the administration of wells in most of Division III will be a problem, principally, because of the difficulty in differentiating source of supply.

There are five litigations regarding water matters pending in District III Water Court at the present time.

VIII. ORGANIZATIONS

A.

Mr. Franklin Eddy, Manager
Rio Grande Water Conservation District
Alamosa, Colorado 81101

Mr. Leland Holman, Secretary
Conejos Water Conservancy District
Manassa, Colorado 81111

Mrs. Ruth Clark, Secretary
Rio Grande Water Users Association
Monte Vista, Colorado 81144

Mr. Willaim DeSouchet, Attorney
San Luis Valley Conservation District
Alamosa, Colorado 81101

B.

Antonito Ditch Company	Felix F. Gallegos Antonito, Colorado
Arroya Springs Ditch Company	R. C. DeWeese La Jara, Colorado
Association of Senior Water Rights	Harlan D. Whipple Monte Vista, Colorado
Billings Ditch Company	Mrs Elma Christensen Alamosa, Colorado
Bountiful Lateral Ditch Company	Edwin T. Boice Romeo, Colorado
Canon Ditch Company	L. M. Gonzales Antonito, Colorado
Capulin Ditch Company	Joseph H. Chavez La Jara, Colorado
Centennial Canal Company	W. H. Martin Monte Vista, Colorado
Centennial Irrigating Company	Warren Deacon Monte Vista, Colorado
Commonwealth Irrigation Company	Roy B. Heilman Alamosa, Colorado
Conejos & San Rafael Ditch Company	F. W. Smith Antonito, Colorado
Consolidated Ditch & Headgate Company	Rowe & Gunnison Monte Vista, Colorado
Costilla Ditch Company	George S. Myers Alamosa, Colorado
Cotton Creek Water Company	Mrs. Elsie Neese Moffat, Colorado
Ephraim Ditch Company	Bruce Reynolds Sanford, Colorado
Excelsior Ditch Company	Thomas H. Rees Alamosa, Colorado

Farmers Union Ditch Company
Guadalupe Main Ditch Company
Head Overflow Ditch Company
Jaroso Mutual Ditch Company
Lariat Irrigation Company
Los Rincones Ditch Company
Los Sauces Ditch Company
Manassa Land & Irrigation Company
McDonald Ditch Company
Medano & Zapata Ranches Ditches
Miller Ditch Company
Mogote-Northeastern Consolidated
Ditch Company
Monte Vista Canal Company
Monte Vista Water Users Association
Mosca Irrigation Company
Morgan Ditch Company
New Cenicero Ditch Company
New Union Ditch Company
Oklahoma Company Ditches
Plano Vista Ditch Company
Prairie Ditch Company
Prairie Irrigation Company
Richfield Canal Company
Richfield Ditch Company
Rio Grande Canal Water Users
Association
Rio Grande-San Luis Irrigation Company
Rio Grande & Piedro Valley Ditch Company
Romero Ditch Company
Romero Irrigation Company
Sanchez Ditch & Reservoir Company
Sanford Canal Company
San Juan & San Rafael Ditch Company
San Luis Valley Canal Company
San Luis Valley Irrigation District
Santa Maria Reservoir Company

Don Spencer
Center Colorado
Leland R. Holman
Manassa, Colorado
D. E. Shawcroft
Alamosa, Colorado
Dave Barker
Jaroso, Colorado
Hugh Gunnison
Monte Vista, Colorado
Gordy L. Bagwell
Manassa, Colorado
Nick Espinoza
Sanford, Colorado
Leland R. Holman
Manassa, Colorado
Leo Stoeber
Monte Vista, Colorado
Malcolm G. Stewart, Jr.
Hooper, Colorado
Clark Hutchinson
La Jara, Colorado
Robert McCarroll
La Jara, Colorado
Edgar Ryker
Alamosa, Colorado
Edgar Ryker
Alamosa, Colorado
Thomas H. Rees
Alamosa, Colorado
Maurice Smith
La Jara, Colorado

Joseph H. Chavez
La Jara, Colorado
George Curtis
Saguache, Colorado
W. W. Platt
Alamosa, Colorado
L. B. Casselman
Mosca, Colorado
Jesse Hathaway
Monte Vista, Colorado
Dan Guymon
La Jara, Colorado
Ray Shawcroft
La Jara, Colorado
Alfred Kramer
Center Colorado
Rowe & Gunnison
Monte Vista, Colorado
Claude W. Corlett
Monte Vista, Colorado
Leland R. Holman
Manassa, Colorado
Robert McCarroll
La Jara, Colorado
Frank Barker
San Acacio, Colorado
H. LaMont Morgan
Sanford, Colorado
Antonio Lucero
Conejos, Colorado
Phillip M. Lorton
Alamosa, Colorado
W. O. Souder
Center, Colorado
Harry Anderson
Center, Colorado

Scandinavian Ditch Company

Mrs. Florence E. Edgmand
Route 2 - Box 120
Alamosa, Colorado
Leland R. Holman
Manassa, Colorado
Dan Guymon
La Jara, Colorado
Clayton Peterson, Pres.
Sanford, Colorado
Phil Skinner, Pres.
La Jara, Colorado
Wayne Escheman
Blanca, Colorado

Servietta Ditch Company

South Side Arroya Ditch Company

Sanford Ditch Company

Terrace Irrigation Company

Trinchera Irrigation Company

IX. WATER COMMISSIONER'S SUMMARY

See Water Commissioner's Records submitted under separate cover.

X. DIVISION ENGINEER'S SUMMARY

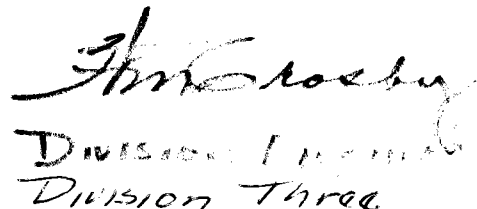
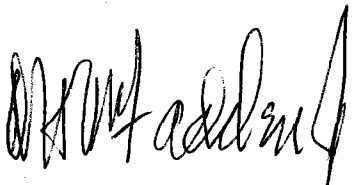
See attached tables:

- A. Direct Flow Diversions
- B. Storage Report

XI. RECOMMENDATIONS AND SUGGESTIONS

In the past, some discussion has been had concerning moving the delivery point for the Rio Grande Compact upstream to the bridge east of Manassa to give Colorado credit for water lost in the Box Canyon above Lobatos. The site east of Manassa is above the canyon. A formal request was made of Mr. Kuiper at a recent meeting by the board members of the Rio Grande Water Conservation District. It was requested that Mr. Kuiper, as Compact Commissioner, propose this change to the Commissioners from New Mexico and Texas at the next Compact meeting.

With this hectic year behind us, I would like to take this opportunity to commend the work performed by the Division Three personnel. They have again proven that they are capable of the task and are ready to meet new challenges.



Division Three
Division Three

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS	REMARKS
11/15/54
11/16/54
11/17/54
11/18/54
11/19/54
11/20/54
11/21/54
11/22/54
11/23/54
11/24/54
11/25/54
11/26/54
11/27/54
11/28/54
11/29/54
11/30/54
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12/22/54
12/23/54
12/24/54
12/25/54
12/26/54
12/27/54
12/28/54
12/29/54
12/30/54
12/31/54

DIVISION SUMMARY - DIVISION NO. 3
Direct Flow Diversions
1972

TABLE A

Water Dist.	Total Ditches Reported		Direct Diversions	Acres Irrigated	A.F. Per Acre	Industrial Diversions A.F.	Municipal Diversions A.F.	Recreation Diversions A.F.	Trans. Mtn. Diversions A.F.	Total Diversions A.F.	No. of Daily Ditch Rpt.	Compact Delivery	Remarks
	Active	Inactive											
		NA NU											
20	333	172 46	423,189	320,510	1.4	1,426	579	726	To-2,178	450,491	33,300	See pg.	
21	78	29 11	48,350	45,327	1.4	0	0	2,472	0	65,326	6,788	None	
22	102	41 13	150,244	68,054	2.2	0	0	0	0	150,244	11,270	See pg.	
24	65	4 2	41,717	19,311	2.6	0	0	0	0	50,264	6,566	None	
25	125	61 0	27,064	7,383	3.7	0	0	0	0	27,064	11,650	None	
26	87	22 27	35,684	12,365	2.9	0	0	0	To-383	36,067	10,944	None	
27	47	33 4	7,670	1,640	4.7	0	0	0	0	7,670	4,794	None	
35	69	37 6	17,728	8,165	2.4	0	0	0	0	19,834	7,200	None	
DIV. THREE TOTAL	906	399 109	751,646	482,755	1.6	1,426	579	3,198	2,561	806,960	92,512		
NA=	No Water Available		NU= Non Use										Transmountain Diversions: Designate either to or from Division

DIVISION SUMMARY - DIVISION NO. 3
Storage Report - Acre Feet
1972

TABLE B

Water Dist.	Amount in Storage A.F.			Diverted for Storage A.F.	Storage to Irrigation A.F.	Storage to Industrial A.F.	Storage to Municipal Recreation A.F.	Storage to Projects A.F.	Remarks
	11-1-71	5-1-72	10-31-72						
20	26,163	44,517	26,639	19,047	26,551	None	2,097	None	
21	6,524	10,352	3,997	4,636	4,590	0	0	None	
22	3,836	6,855	5,313	3,019	1,442	0	0	0	
24	6,133	12,317	3,085	6,204	10,604	0	0	None	
25	0	0	0	0	0	0	0	None	
26	0	0	0	0	0	0	0	None	
27	0	0	0	0	0	0	0	None	
35	1,855	5,585	2,001	4,286	1,954	0	0	None	
DIV. TOTAL	44,511	79,626	41,035	37,192	45,141	0	2,097	0	

IN THE DISTRICT COURT IN AND FOR
WATER DIVISION NO. 3
STATE OF COLORADO

Case No. W- _____

To: Applicants for Adjudication of Small Wells

The Water Court wishes to consider your application for the adjudication of your domestic or other small wells in the near future and requires some additional information concerning the details and actual production of the well or wells. In considering your application, the Court can grant a decree only for the water actually being applied to a beneficial use, regardless of the amount applied for or the amount claimed in your application for registration of the well. Accordingly, any decree entered herein will be limited to the amount of water actually being applied to a beneficial use, regardless of the amount claimed or for which the well may be registered.

The Court is aware that you may have been advised by some person or persons in apparent authority to register your well for 50 gallons or some similar arbitrary amount of water, even though the well may not be producing this quantity of water. The Court can not consider possible future use of water, and as a matter of law, must limit all decrees to the amount actually being applied to a beneficial use, unless a conditional decree is also applied for. Also, late registration forms do not supply sufficient details of the well or wells to enable the Referee to enter ruling thereon without the requested information.

Therefore, it is requested that within 60 days from receipt of this request, you supply the Court, as an amendment to your application, an affidavit supplementing your application. Your affidavit should supply the following details of each well:

1. Size of casing;
2. Depth of plain casing and depth of perforated casing;
3. Type, size and horsepower of pump, if well is a pumped well;
4. Size of pump outlet;
5. Actual production of well and how tested;
6. If well is a domestic well, the number of dwellings being served by the well and the number of persons depending on the well for domestic water, if not shown on your application.

This will facilitate prompt action on your application. Form of an acceptable affidavit may be obtained from the Water Clerk or your attorney.

Dated this _____ day of _____, 197____,
at Alamosa, Colorado.

Water Judge
Referee

CERTIFICATE OF MAILING

The above request mailed to applicant on the date above stated.

Water Clerk