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REPORT NO. 13

WATER RIGHTS

in the

BEAR RIVER BASIN

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PREFACE

In 1943 the Geological Survey, in cooperation with the states of Idaho, Utah, and Wyoming, and the Bureau of Reclamation, began an intensive stream-flow investigation in the Bear River Basin. The purpose of this investigation was to secure adequate information on water supplies and uses within the Basin as base data for a compact among the three states on the division of the waters of the river system, and to assist the Bureau of Reclamation in determining the irrigation and power potentialities of the Basin. In 1946, the states requested Mr. Leshar S. Wing, Regional Engineer of the Federal Power Commission to assist them in drafting a tentative compact and asked the Geological Survey to authorize Mr. W. V. Iorns, Project Engineer of the U. S. Geological Survey to assist Mr. Wing in this work. At the Compact Commission meeting in December 1948, the Commission appointed an Engineering Committee to assist Mr. Wing and Mr. Iorns in the study of such engineering problems as may, from time to time, be referred to the Committee by the Compact Commission. Mr. Iorns was appointed Chairman of this committee.

The states of Idaho, Utah, and Wyoming made available, in their cooperative program with the Geological Survey, funds during the 1950-51 Biennium, to the Logan Project Office for such special investigations and stream-flow analysis work as the Commission may need in the drafting of a compact.

In carrying out this assignment, much information has been collected and studied and a series of reports prepared to make a record of findings and any conclusions reached. This report is one of the series. The observations and conclusions stated herein are entirely those of the author, and do not represent in any way those of the Geological Survey, the Bureau of Reclamation, or any of the states concerned.

W. V. Iorns

WATER RIGHTS IN BEAR RIVER BASIN

Water rights in the Bear River Basin is one of the important features, if not the most important feature to be taken into consideration in working out an equitable apportionment of the waters of Bear River among the states of Idaho, Utah and Wyoming. Existing water rights literally appropriate all of the available supplies. However, these existing rights as they are on record today may not have the same equality or relativity when compared one against another. An examination of the methods under which the rights were established indicates there may be wide variance in their relative standing and gives due warning that they must not be loosely accepted without some modification or reinterpretation.

This treatise, while not an exhaustive study, is an effort to present the information which has been collected, outline some of the questions involved, and reduce the data of existing water rights to tabulations for analysis. The comments and conclusions reached are entirely those of the author and as such are open to question.

Elements of a Water Right

A water right has certain basic elements which can be briefly stated as follows:

1. Date of priority as related to other rights and priorities
2. Quantity of water
3. Purpose or nature of use as; irrigation, domestic, culinary, commercial, or otherwise.
4. Place of use
5. Period of use
6. Point of diversion

Many points of differences can exist in these elements when comparing rights obtained under different jurisdictions and no attempt will be made here to enumerate all of them. However, a few of the differences which may exist in the first three elements are briefly outlined.

Date of Priority

The date of priority of a water right is usually determined by the date when the water was first diverted from the stream and put to beneficial use. This is the basic rule in the doctrine of appropriation, but at times is determined by other means which leads to considerable confusion in establishing the relative standing of rights. Under some state statutory laws the date of priority is the date of filing of intention to appropriate water for beneficial use even though considerable time may elapse before the water is actually put to beneficial use. In court litigations over water rights, usually an attempt is made to establish the date of beneficial use, but even here the determination is sometimes loosely made. A court's adoption of a stipulated agreement between water users may establish a system of priorities which deviate greatly from the actual date of beneficial use. Lax performance of state officials charged with the adjudication of rights may result in untrue dates being established. It can thus be seen that blind acceptance of present day recorded dates of priority for establishment of any order of priority on a river system, involving various state and political subdivisions, would be folly. If the appropriation principle is to apply, a common basis for determination of the date of priority must be established and all present recorded dates of priority verified or redetermined on that basis. The actual accomplishment of this may be next to impossible, because of the difficulty in turning back the pages of time and establishing the actual date of beginning of beneficial use.

Quantity of Water or Rate of Flow

In general, the quantity of water or rate of flow designated in a water right is determined by acreage and duty of water for irrigation purposes, capacity of reservoir or control works for storage purposes, plant capacity for power purposes, and per capita requirement and population for municipal purposes. In these there may be considerable variation especially in the duty of water as applied to

irrigation. Different states by statute may set different duties of water, courts may adopt another rate, methods of irrigation may require a different rate which has been established through various procedures and even the capacity of the diversion canal has been used in some cases as the basis of measure. All of which, leads to confusion and doubt, and it is clearly evident that a basic rule must need be established before rights acquired under different jurisdictions can be placed on the same plane of equality.

Purpose or Nature of Use

Beneficial use must be made of the water appropriated no matter whether it be for irrigation, power, or any other purpose. In many states, constitutions and statutes grant preferences in the use of water and in some cases provisions are made by statute or court decision for change to a preferred use. The differences existing between Idaho, Utah and Wyoming laws and practices will not be enumerated here, except to point out that in Wyoming and Utah in times of scarcity, the supply can all be put to the preferred use of domestic and stockwater, without regard to priorities, while in Idaho this is not the case. The condemnation of an inferior use of water in favor of a preferred use, subject to payment of compensation for the holder of the inferior right, is believed to be equally applicable in each of the three states.

Evidences of Water Rights

The following evidences of water rights for Bear River and its tributaries are available.

Idaho:

Bear River - Border to Stewart Lam - Decree - "Freston-Montpelier Irrigation Company vs. Dingle Irrigation Company et al," Fifth Judicial District of the State of Idaho, March 7, 1924.

(Dietrich Decree)

Bear River - Stewart Dam to Idaho-Utah State Line near Preston - and including Georgetown Creek, Nounan Creek, Skinner and Jewett Creeks, Co-op or Dairy Canyon Creek, Pearl Creek, Trail Creek, Eight Mile Creek, Bailey Creek, Big Spring Creek, Soda Creek, Whiskey Creek, Trout Creek, Warm Creek, Williams Creek, Cottonwood Creek, Mink Creek, Battle Creek, Weston Creek, and various small streams and springs tributary to Bear River between Georgetown Creek and Weston Creek. Decree - "Utah Power & Light Company vs. The Last Chance Canal Company et al," District Court of the United States for the District of Idaho, Eastern Division, July 14, 1920.

Thomas Fork - Decree - "W. A. Fawsett et al, vs. Thomas Fork Irrigation and Canal Company et al," Fifth Judicial District of Idaho, February 20, 1902.

Montpelier Creek - Decree - "E. Strong, R. Livingston and Sidney Stevens vs. The Montpelier Irrigation Company et al," Fifth Judicial District of Idaho, February 20, 1902.

Bloomington Creek - Decree - "George T. Thornock, Herbert Bateman, and Stafford Cleveland vs. Bloomington Irrigation Company et al," Fifth Judicial District of Idaho, July 25, 1923.

Paris Creek - Decree - "Pioneer Irrigation and Manufacturing Company vs. Southfield Ditch and Canal Company et al," Fifth Judicial District of Idaho, July 27, 1932.

North, Emigration and Mill Creeks - Decree - "C. H. Brown, et al, vs. Joseph M. Wixom, et al," Fifth Judicial District of Idaho, February 5, 1902.

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Ledge Creek - Decree - "C. H. Wetzel et al, vs. George Nichols et al," Fifth Judicial District of Idaho, March 6, 1902.

Ledge Creek - Decree - "Mary Thuet vs. Grace Beus et al," Fifth Judicial District of Idaho, April 7, 1941.

Formation Springs - Decree - "Daniel J. Lau et al, vs. Chris Panting et al," Fifth Judicial District of Idaho, November 6, 1919.

Cub River - Decree - "Henry T. McErvan vs. Franklin County Sugar Company et al,"
Fifth Judicial District of Idaho, July 9, 1924.

Maple Creek - Decree - "J. J. Flack vs. Franklin-Maple Creek Pioneer Irrigation
Company," Fifth Judicial District of Idaho, October 16, 1905.

Maple Creek - Decree - "Village of Fairview vs. Franklin-Maple Creek Pioneer
Irrigation Company et al," Fifth Judicial District of Idaho, August 31, 1937.

Weston Creek - Decree - "Anchor Kofford et al, vs. Warner Hoops et al," Third
Judicial District of Territory of Idaho, October term of 1883.

Wyoming:

Adjudicated water rights of the State of Wyoming, Water Division Number Four,
dated July 1, 1944.

Utah:

Decree "Utah Power & Light Company vs. Richmond Irrigation Company et al,"
First Judicial District of the State of Utah, February 21, 1922.

Additional Water Right Information

The State Reclamation Engineer of Idaho has also made available a complete
tabulation of water rights, land descriptions, and points of diversions of all diver-
sions from Bear River main stem in Idaho. No information was furnished by Idaho
on water rights in the Malad Basin.

The State Engineer of Wyoming has made available a complete tabulation of
water rights, land descriptions, points of diversions, and other data of adjudicated
and unadjudicated water rights for all diversions in Wyoming from the main stem of
Bear River and main stem of Smiths Fork.

The State Engineer of Utah has made available an almost complete file of
copies of Water Users Claims in Summit and Rich Counties. These show dates of
priority, land descriptions, amount of water, point of diversion, and use, for
water rights claimed on the main stem of the river and tributaries in the two

counties for which a state adjudication is to be eventually made. Prints of pages of "Abstracts of Applications to Appropriate Water," were also furnished, showing certificates and permits for water rights in good standing.

Comparison of Land Descriptions and lands now Irrigated
from the Main Stem of Bear River and Smiths Fork

The Bureau of Reclamation has produced Land Use Maps from aerial photographs and field reconnaissance of most of the irrigated lands in Bear River Basin. The map scale is an inch to a thousand feet on the ground and all cultivated and irrigated lands as of 1939 are depicted, as well as the major canals and stream systems. The State Reclamation Engineer of Idaho and the State Engineer of Wyoming plotted the lands irrigated from Bear River and Smiths Fork described for individual water rights in their respective states on these maps. The State Engineer of Utah plotted part of the Utah area for lands irrigated from Bear River and this work was later completed by the Logan Project Office. The irrigated acreages as plotted on the maps were measured with a planimeter as a check on the acreage actually irrigated and described in the adjudications and decrees. All of this work was later checked by the Logan Project Office.

The following summary tabulation shows the comparison of acreages described in the decrees, adjudications and water users claims segregated as to State sections for Bear River and Smiths Fork and acreage as determined by planimetering lands now irrigated.

	Decreed, Adjudicated and Water Users Claims ACRES	Planimetered Or Land Use Maps ACRES	%
Utah: Summit County	5,843	5,869	+ 0.4
Wyoming: Uinta County	28,756 *	28,943	+ 0.7
Utah: Rich County	33,285	34,597	+ 4.0
Wyoming: Lincoln County (Above Sm. Fk.)	8,457	8,278	+ 2.1
Wyoming: Lincoln County (Below Sm. Fk.)	4,969	5,476	+ 10.0
Idaho: Border to Stewart Dam	22,734	23,278	+ 2.4
Wyoming: Smiths Fork	10,299	10,159	- 1.3
Idaho: Stewart Dam to Preston	71,707	72,463	+ 1.5

* Excludes Chapman Canal lands in Utah.

Utah lands in Cache County and Box Elder County are not included due to the large areas served by stored water.

It is to be noted that for the most part the totals in each state section check quite closely, although considerably greater deviations were found for individual canals. The 4.2 percent difference in Rich County, Utah is due to including willow lands which were not included in the water users claims. The 10.0 percent difference in Lincoln County, Wyoming, below Smiths Fork is principally caused by (1) for the Garrett Canal large areas of willow land are included which probably were not originally intended to be included; (2) for the Sights Canal bottom lands along the river, which are naturally sub-irrigated were included, but are not believed to have been part of the original adjudicated acreage; (3) for the Wyman West Side Canal the acreage has apparently been greatly extended without filing for additional water rights; and (4) for the Rocky Point Canal large acreages of willow lands were included that apparently were not intended to be covered by the decree.

Considerable difficulty was encountered in plotting lands in Lincoln County, Wyoming because of the errors made in the original General Land Office surveys and resultant homestead filing descriptions. This area has been resurveyed into tracts in such a patchwork manner that it is practically impossible to correlate the old water adjudication land descriptions with present land boundaries. The plotting was accomplished by studying aerial photographs and doing considerable interpretation.

Lands described in the Water users claims in Utah, for the most part, included only lands actually cultivated, and did not include the border strips of willow and waste lands under the canals or bordering the streams. As such lands are included in Wyoming and Idaho, these were also included in the measured acreage for Utah.

Part of the differences between water right land descriptions and map plottings

may be due to errors in the descriptions and part in errors in mapping and planimetering. Individual canal deviations being both plus and minus are somewhat compensating and result in the state section totals showing close agreement. Many parcels of land were found in Wyoming and Idaho, on which water is now being used, for which there are no water rights. An almost equal amount of land is described as being irrigated but which is either waste land or above "ditch." Since the total acreage described in each state agrees quite closely with the total acreage now found to be irrigated it would be reasonable to use the acreages described in the recorded adjudications, decrees, and claims as correct so far as the water rights are concerned, except for a few canals, principally interstate canals, in which there are obvious errors. It would be the responsibility of each state and the water users therein to correct the errors in the adjudications and decrees. Water for the corrected adjudications would have to be derived from any allocation allowed the state under any compact which could be formulated.

The interstate canals for which land descriptions and areas actually irrigated do not agree are the Chapman and Francis Lee canals with headgates in Uinta County, Wyoming.

Chapman Canal - The Wyoming adjudication for the Chapman Canal lands in Utah describes 14,276.1 acres of irrigated lands. The adjudication and acreage actually found to be irrigated are as follows:

<u>Adjudication</u>				<u>Measured Acres Actually Being Irrigated</u>
<u>Appropriator</u>	<u>Date</u>	<u>Acreage</u>	<u>c.f.s.</u>	
Neponset Co. & Rees	8-13-86	13,240	189.13	6,785
Deseret L. S. Co.	5-3-12	239.8	3.43	240
Deseret L. S. Co.	5-21-12	796.3	11.39	796
	Totals	14,276.1	203.95	7,821

An examination on the ground revealed a few minor areas which had been irrigated at one time or prepared for irrigation and then for many years abandoned, probably because of insufficient water supply. An examination of a copy of a map which accompanied data in adjudication of the water right revealed the cause of the large deviation. Blocked out on this map was an area indicating the project boundaries, the area for which corresponded with the 13,240 acres noted in the adjudication. Outlined on the map, from a traverse survey, was the irrigated acreage which closely corresponded with the area now irrigated as depicted on the land use maps. It is believed that through an error the project area was used instead of the irrigated area, as much of the project area lies above present canals or is unsuitable for irrigation.

Francis Lee Canal - The Wyoming adjudication allots water and describes lands for only 154 acres, all located in Wyoming, for this canal and does not mention another 519 acres located in Utah. Evidence indicates that when the canal was first constructed, the lands in both Utah and Wyoming were placed under "ditch." It is believed the Utah lands were omitted through an oversight and that the adjudication should be for a total of 673 acres.

Tabulations of Water Rights Bear River Main Stem and Smiths Fork Main Stem

All water rights as evidenced in the decrees, adjudications, water users claims, permits and certificates, were tabulated and included as Appendix I attached to this report. Canals in each state section are first listed in downstream order and for each right there is shown:

1. The name of canal.
2. Name of original appropriator.
3. Date of Priority.
4. Acreage described in decree.
5. Amount of adjudication in cubic feet per second.
6. Accumulated total second feet for each canal.
7. Acreage of lands now actually served by canal as determined on land use maps by measuring outlined areas with a planimeter.

The rights are next listed in each section in order of priority, and for each right is shown:

1. Name of canal.
2. Date of priority.
3. Acreage described in adjudication.
4. Amount of adjudication in cubic feet per second.
5. Accumulated total of adjudicated water in cubic feet per second.
6. Amount of right, if allotment was on the basis of one cubic foot per second for each fifty acres of land described in the adjudication.

It is to be kept in mind in regards to this tabulation, that the rights shown for Utah in Summit and Rich counties are based on water users claims which may or may not be changed when these rights are finally adjudicated.

Tabulation of Water Rights on Principal Tributaries in Bear River
Basin above Bear Lake

The following tabulations have been prepared of principal tributaries above Bear Lake from adjudications, decrees and water users claims. These have not been checked against maps or in the field and are included herein for comparison of rights on tributaries and on the main stem of the river. Rights are not included for the numerous tributary streams entering the river system below Stewart Dam. An examination of these rights show them to be of earlier dates than downstream rights on the main stem of the river and there is small possibility of a tributary stream right infringing on a river right.

MILL CREEK - UTAH

Appropriator	Water Users Claim			c.f.s. on Basis of 1 c.f.s. per 50 Acres	
	Priority	Acres	c.f.s.	Accum. c.f.s.	Amount Accum.
W. T. MacKay	1880	15	.5	.50	.30 .30
W. S. Loham	1885	138	7.00	7.50	2.76 3.06
J. A. Hovarka	1901	35	.75	8.25	.70 3.76
J. A. Hovarka	1896	217	2.00	10.25	4.34 8.10
J. A. Hovarka	6-9-06	122	1.80	12.05	2.44 10.54

MILL CREEK - WYOMING

Appropriator	Priority	Acres	Adjudicated		c.f.s. on Basis of 1 c.f.s. per 50 Acres	
			c.f.s.	Accum. c.f.s.	Amount	Accum.
Goodman L. & C. Co.	1871	320	4.57	4.57	6.40	6.40
J. C. Goodman	1871	175	2.50	7.07	3.50	9.90
Jonathan Jones	1871	240	3.42	10.49	4.80	14.70
C. A. Lannon	1871	58	.82	11.31	1.16	15.86
Jonathan Jones	1872	200	2.85	14.16	4.00	19.86
Goodman L. & C. Co.	1878	604	8.62	22.78	12.08	31.94
Goodman L. & C. Co.	7-25-83	300	4.28	27.06	6.00	37.94
Crown L. & C. Co.	11-19-85	240	3.42	30.48	4.80	42.74
Goodman L. & C. Co.	1886	105	1.50	31.98	2.10	44.84
G. W. Tibbetts	1889	2	.02	32.00	.04	44.88
do	5-1-89	60	.85	32.85	1.20	46.08
do	5-13-89	65	.92	33.77	1.30	47.38
do	5-1-90	95	1.35	35.12	1.90	49.28
J. W. Hatten	5-13-98	50	.71	35.83	1.00	50.28
E. Lowham	6-19-99	165	2.34	38.17	3.30	53.58
Hilliard East Fork	6-24-22	1805	25.77	63.94	36.10	89.68

SULPHUR AND WILLOW CREEKS - WYOMING

Appropriator	Priority	Acres	Adjudicated		c.f.s. on Basis of 1 c.f.s. per 50 Acres	
			c.f.s.	Accum. c.f.s.	Amount	Accum.
C. Lachapelle (b)	May 1880	133	1.90	1.90	2.66	2.66
do (b)	1882	47	.67	2.57	.94	3.60
do (b)	May 1885	65	.92	3.49	1.30	4.90
Heber L. & S. Co. (b)	May 1885	606	8.65	12.14	12.12	17.02
Mary Lachapelle (b)	May 1885	70	1.00	13.14	1.40	18.42
Joseph M. Martin et al (a)	5-27-85	40	.57	13.71	.80	19.22
Henry Lester (a)	8-3-98	20	.28	13.99	.40	19.62
E. Moslander (b)	7-23-08	320	4.57	18.56	6.40	26.02
E. Harris (a)	1-18-09	80	1.14	19.70	1.60	27.62
J. H. Lester (a)	8-14-13	105	1.50	21.20	2.10	29.72
W. Holmes (a)	8-14-13	70	1.00	22.20	1.40	31.12
J. H. Lester (a)	10-23-13	203	2.90	25.10	4.06	35.18
W. Holmes (a)	7-13-15	90	1.20	26.30	1.80	36.98
E. Lester (a)	3-8-16	260	3.71	30.01	5.20	42.18

- (a) Adjudicated from Sulphur Creek.
- (b) Adjudicated from Willow Creek.

YELLOW CREEK - UTAH

Appropriator	<u>Water Users Claim</u>			Accum. c.f.s.	c.f.s. on Basis of 1 c.f.s. per 50 Acres	
	Priority	Acres	c.f.s.		Amount	Accum.
James P. Walker	1869	191	3.2		3.82	3.82
Mary H. Wright	1869	63	.8		1.26	5.08

YELLOW CREEK - WYOMING

Appropriator	<u>Adjudicated</u>			Accum. c.f.s.	c.f.s. on Basis of 1 c.f.s. per 50 Acres	
	Priority	Acres	c.f.s.		Amount	Accum.
Jacob Staley	10-1-80	167	2.37	2.37	3.34	3.34
F. W. Narramore	6-5-82	107	1.52	3.89	2.14	5.48
T. F. Wright	1884	16	.22	4.11	.32	5.80
Christensen & Enstrom	1-9-84	45	.64	4.75	.90	6.70
T. F. Wright	June 1886	40	.57	5.32	.80	7.50
W. Narramore	7-12-87	70	1.00	6.32	1.40	8.90
G. Forbes	8-25-94	124	1.77	8.09	2.48	11.38
H. & I. Moon	5-9-16	69	.99	9.08	1.38	12.76
do	7-12-16	18	.26	9.34	.36	13.12
J. Aldaz	7-12-16	219	3.13	12.47	4.38	17.50
J. McQuaig	10-11-19	35	.50	12.97	.70	18.20

WOODRUFF CREEK - UTAH

Appropriator	<u>Water Users Claims</u>			Accum. c.f.s.	c.f.s. on Basis of 1 c.f.s. per 50 Acres (c)	
	Priority	Acres	c.f.s.		Amount	Accum.
Woodruff Creek Users (a)	1884	5514	150.16	150.16	110.28	110.28
Tingy et al (a)	1899	172	2.91	153.07	3.45	113.73
Ezra Brown et al (b)	1899	550	(55 ac. ft. strg.)		-	-
Woodruff Irrigation (b)	1927	6000	94.0	247.07	-	-
A. Longhurst (b)	1938	94	3.0	250.07	-	-

(a) Primary rights (Total of 5,686.39 acres).

(b) Supplemental rights.

(c) Computed on basis of 1 c.f.s. per 50 acres for primary lands and actual claims for diversion to storage.

BIG CREEK - UTAH

Appropriator	<u>Water Users Claims</u>				c.f.s. on Basis	
	Priority	Acres	c.f.s.	Accum. c.f.s.	of 1 c.f.s. per 50 Acres (d)	Accum.
Randolph Irrigation (a)	1870	2438	40.0	40.0	48.76	48.76
Randolph Irrigation (b)	1870	1258	4.0	44.0	-	-
Randolph Irrigation (c)	1887	-	40.0	84.0	1.97	5.73
Randolph Irrigation (b)	11-26-41	3200	(3,500 ac.ft.strg.)		-	-

- (a) Primary rights.
- (b) Supplemental rights.
- (c) Primary right on 98.5 acres and supplemental on 2,438 acres.
- (d) Computed on basis of 1 c.f.s. per 50 acres for primary rights.

OTTER CREEK - UTAH

Appropriator	<u>Water Users Claims</u>				c.f.s. on Basis	
	Priority	Acres	c.f.s.	Accum. c.f.s.	of 1 c.f.s. per 50 Acres (d)	Accum.
James Jackson	1870	(a)	10.0	10.0	12.0	12.0
Otter Creek Irrigation Co.	1875	(b)	32.0	42.0	22.0	44.0
Hoffman & Argyle	1876	181(c)	3.0	45.0	3.62	47.62
J. B. Hatch	1890	613(c)	1.0	46.0	12.26	59.88

- (a) Estimate 600 acres.
- (b) Estimate 1100 acres.
- (c) Supplemental to lands also receiving supply from Randolph-Woodruff Canal.
- (d) Computed using estimated acreage.

TWIN CREEK - WYOMING

Appropriator	<u>Adjudicated</u>				c.f.s. on Basis	
	Priority	Acres	c.f.s.	c.f.s.	of 1 c.f.s. per 50 Acres	Accum.
Beckwith Quinn & Co.	11-30-78	1680	16.50	16.50	33.20	33.20
G.A. Findley	7-21-14	250	2.57	20.07	5.00	35.20
M. L. B. Fiero	3-18-30	105	1.50	21.57	2.10	40.30
do	5-11-19	128	1.83	23.40	2.56	42.86
C. E. Bassett	4-9-24	147	2.10	25.50	2.94	45.80

Note:- Rights shown for Twin Creek are only those below Sage. There are many small rights on tributaries upstream which are not listed, of those not listed the Rock Creek (principal tributary) rights are the most extensive.

SUBLETTE CREEK - WYOMING

Appropriator	<u>Adjudicated</u>			Accum. c.f.s.	c.f.s. on Basis of 1 c.f.s. per 50 Acres	
	Priority	Acres	c.f.s.		Amount	Accum.
Annet Stoffers	1882	50	.71	.71	1.00	1.00
C. F. Stoffers	2-6-82	626	8.94	9.65	12.52	13.52

TRIBUTARIES TO SMITHS FORK - WYOMING

Appropriator	<u>Adjudicated</u>			Accum. c.f.s.	c.f.s. on Basis of 1 c.f.s. per 50 Acres	
	Priority	Acres	c.f.s.		Amount	Accum.
<u>Grade Creek</u>						
Smiths Fork L. & L.S. Co.	2-2-07	267	3.91	3.91	5.34	5.34
S. B. Curtis	1-15-19	25	.36	4.27	.50	5.84
A. N. Gardiner	1-15-19	90	1.29	5.56	1.80	7.64
<u>Pine Creek</u>						
Harry Nichols	1881	172	2.46	2.46	3.44	3.44
do	1887	287	4.10	6.56	5.74	9.18
Vaughn Hufford	7-10-05	640	9.14	15.70	12.80	21.98
Wyoming Trust & Savings	4-6-10	153	2.19	17.89	3.06	25.04
Harry Nichols	9-9-15	215	3.07	20.96	4.30	29.34
L. J. Droubay	9-9-15	111	1.58	22.54	2.22	31.56
<u>Spring Creek</u>						
J. W. Stoner	6-11-01	20	.28	.25	.40	.40
C. C. Kenyon	11-26-04	30	.42	.70	.60	1.00
A. Porter	12-12-04	60	.86	1.56	1.20	2.20

THOMAS FORK - IDAHO
(Exclusive of Raymond Creek)

Appropriator	Decreed		
Various Water Users	Priority	c.f.s.	Accum. c.f.s.
"	5-15-79	8.00	8.00
"	5-15-80	35.20	43.20
"	10-1-83	2.00	45.20
"	4-1-84	13.00	58.20
"	9-15-84	6.40	64.60
"	5-15-85	.20	64.80
"	6-15-85 ✓	24.65	89.45
"	7-15-85	.80	<u>90.25</u>
"	4-1-86	21.10	111.35
"	7-1-86	2.80	114.15
"	7-5-86	2.90	117.05
"	7-15-86	3.50	120.55
"	4-1-87	4.50	125.05
"	5-15-87	.60	125.65
"	4-1-88	1.20	126.85
"	6-20-88	2.40	129.25
"	4-1-89	.30	130.05
"	4-1-90	3.20	133.25
"	4-1-91	7.40	140.65
"	4-1-92	3.30	144.45
"	4-1-93	3.10	147.55
"	5-15-93	.50	148.05
"	7-15-93	1.60	149.65
"	5-1-94	.20	149.85
"	9-15-94	14.40	164.25
"	4-1-95	24.20	188.45
"	5-1-97	.20	188.65
"	5-5-97	.50	189.15
"	6-1-99	3.00	192.15
"	9-1-99	.40	192.55
"	4-1-00	1.50	194.05

Relative State Priorities as Evidenced by Recorded Rights

In the Wyoming adjudications the duty of water used in allotting water to primary irrigation rights is one cubic foot per second for each 70 acres of land. By statute the State grants the water user the right, during high water periods, to divert up to twice his primary right, limited by the amount of floodwater available. This literally grants an additional floodwater right of one cubic foot per second per each 70 acres of land or a duty of water during floodwater periods of one cubic foot per second of water for each 35 acres of land.

In Idaho the court decree for canals diverting between Border and Stewart Dam made a distinction between "meadow rights" and "agriculture rights." For the "meadow rights" for the period April 15th to July 1st of each year a duty of water of $1\frac{1}{2}$ inches ($3/100$ ^{1cf/33ac} c.f.s.) per acre was allotted with certain limitations that literally makes it a floodwater right; and for the period July 1st to September 30th of each year a duty of water of 1 inch ($1/50$ ^{1/50ac} c.f.s.) per acre was allotted. For the "agriculture rights" during the irrigation season a duty of water of 1 inch ($1/50$ c.f.s.) was allotted. Certain "agriculture rights" were allotted a duty of water of $1\frac{1}{4}$ inch ($2.5/100$) per acre because of subsoil conditions. In general, these rights may be said to have water rights with duty of water of one cubic foot per second for each $33\frac{1}{3}$ acres during the floodwater period and one cubic foot per second for each 50 acres during the balance of the irrigation season.

The court decree for the portion of the basin between Bear Lake and Preston, Idaho allotted water from the main stem of the river with apparent duties ranging from one second foot for 40 acres to one second foot for 90 acres. On the tributaries a duty of water of one second foot for each 50 acres was used. The river lands receiving the lesser amount of water per acre usually make up the deficiency with storage water.

The rights in Utah in Rich and Summit Counties which have not been adjudicated, will in all probability receive about one cubic foot of water per second for each 60 acres with a limiting seasonal total diversion and some provision for increased flows during flood periods.

The court decree for Cache and Box Elder Counties in Utah allotted in general, one cubic foot per second of water for each 75 to 80 acres. However, storage water is available for lands served from Bear River to make up the deficiency.

Adjustment of Duty of Water to a Common Basis

Before water rights in the three states can be equitably compared, they must be placed on the same plane of equality.

As lands above Bear Lake are for ^{the} most part meadow lands, a reasonable degree of equality for comparison of rights, insofar as amount of water due each right is concerned, can be obtained by assigning the same duty of water to lands in all three states. The rights as decreed for lands below Bear Lake can be used without adjustment as most of the rights are already on a basis of about one second foot for each 50 acres or receive supplemental storage.

It is to be regretted that it is impossible to apply a similar simple rule for adjustment of dates of priority as they exist in the various adjudications, decrees and water users claims. However, for the time being the dates of priority can be left as recorded and considered in connection with compact allocations, when certain peculiarities of these evidences of rights can be taken into account.

In the tabulations of water rights a duty of water of one second foot for each 50 acres of lands described has been computed for each right. By combining rights for each calendar year for each state or river section, a tabulation can be prepared for weighing the relative rights of the states. To use individual dates of priority would result in tables which would be much too voluminous and complicated to be usable. These summary tabulations are shown on Plates 1 and 2. For this

tabulation it was necessary to depart from computations based on recorded rights in three cases. As the recorded acreage for the Francis Lee Canal is undoubtedly in error a total acreage of 673 acres was used in computing that canal's right. For the Chapman Canal lands in Utah, if an allotment of one second foot for each 50 acres were used it would result in a right for 156.42 cubic feet per second. The maximum capacity of this canal at the divide is about 120 cubic feet per second. Consequently, in preparing the tabulation, 120 second feet has been taken as the total right and the lesser rights of 1912 priority eliminated and the water for them taken as being included in the 120 cubic feet per second allotment. For all Utah lands in Summit and Rich Counties the planimetered acreages were used to compute rights instead of the claimed acreage because of exclusion of border willow lands in the water users claims.

Also shown on the plates are accumulative totals so that for each year there is shown total rights of that and earlier years. The power rights are not included in the accumulative totals for the Middle and Lower Idaho sections (Bear Lake to Gentile Valley Canal and below Gentile Valley Canal to Cub River Pumps), while in the Lower Utah Section (Utah State Line below Preston to Cutler Dam), they are included in the accumulative figures. They are set up in this manner to show the diversion demand on the river.

WATER RIGHTS - BEAR RIVER BELOW STEWART DAM

Rights as Adjudicated in C.F.S.

Date	MIDDLE IDAHO SECTION			LOWER IDAHO SECTION			LOWER UTAH SECTION			UTAH BELOW WHEELON DAM	
	Name	Amount	Accum. Irrig.	Name	Amount	Accum. Irrig.	Name	Amount	Accum.	Name	Amount
1862			0			0			0		
63			0			0			0		
64			0			0			0		
65			0			0			0		
66			0			0			0		
67			0			0			0		
68			0			0			0		
69			0			0			0		
1870			0			0	Pumps	1.50	1.50		
71			0			0			1.50		
72			0			0			1.50		
73			0			0			1.50		
74			0			0			1.50		
75			0			0			1.50		
76			0			0			1.50		
77			0			0			1.50		
78			0			0			1.50		
79	Gentile Valley	2.20	2.20			0			1.50		
1880			2.20	Nelson	6.50	6.50	Pumps	6.00	7.50		
81			2.20	Riverdale	13.00	19.50			7.50		
82			2.20	Smith-Bosen	5.50	25.00			7.50		
83			2.20	Riverdale	3.00	28.00			7.50		
84			2.20	West Cache	5.00	33.00			7.50		
85			2.20			33.00			7.50		
86			2.20			33.00			7.90		
87			2.20			33.00			7.90		
88			2.20			33.00			7.50		
89	Budge	11.60	44.60			33.00	West Side	333.00	340.50		
1890	Johnson	1.60	46.20			33.00	Pumps	3.00	343.50		
91	Gentile Valley	33.00	79.20			33.00			343.50		
92			48.40			33.00			343.50		
93			48.40			33.00			343.50		
94			48.40			33.00			344.00		
95	Unknown	2.40	50.80			33.00	Pumps	.50	344.00		
96			50.80			33.00			344.00		
97	Last Chance	200.00	250.80			33.00			344.00		
98	Gentile Valley	1.90	252.70			33.00			344.00		
99			252.70	West Cache	186.00	219.00			344.00		
1900	Johnson	.60	253.30			219.00			344.00		
01	Gentile Valley	35.00	528.30			219.00	West Side	133.00	477.00		
02	Last Chance	240.00	528.30	Riverdale	6.50	225.50			477.00		
03			528.30			225.50	U.P.Wheelon Pl.	270.00	747.00		
04	Gentile Valley	12.00	540.30			225.50	Hammond	95.00	842.00		
05	U.P.Grace Pl.*	500.00	540.30			225.50			842.00		
06			540.30			225.50	U.P.Wheelon Pl.	135.00	977.00		
07			540.30			225.50			977.00		
08	U.P.Grace Pl.*	500.00	540.30			225.50	U.P.Wheelon Pl.	135.00	1112.00		
09	Bench "B"	163.76	704.06			225.50			1112.00		
1910	Last Chance	54.00	758.06	U.P.Oneida Pl.*	1000.00	225.50			1112.00		
11	Bear Lake Stor.	3000.00	3758.06	U.P.Oneida Pl.*	1500.00	225.50			1112.00		
12	Bear Lake Stor.	2500.00	6258.06			225.50	U.P.Wheelon Pl.	500.00	1612.00		
13			6258.06			225.50			1612.00		
14			6258.06	Cub River Pmp.	100.00	325.50	West Side	43.00	1655.00		
15			6258.06			325.50	Pumps	2.00	1657.00	Pumps	1.24
16	U.P. Cove Pl.*	1500.00	6258.06			325.50	Pumps	1.50	1658.50	Pumps	2.00
17			6258.06			325.50	Pumps	30.88	1689.38	Pumps	10.33
18			6258.06			325.50	Pumps	9.00	1698.38	Pumps	2.00
19			6258.06			325.50	Pumps	6.50	1704.88	Pumps	4.60
1920			6258.06			325.50	Pumps	13.00	1717.88	Pumps	8.96
21			6258.06			325.50			1717.88		
22	U.P. Soda Pl.*	1500.00	6258.06			325.50			1717.88		
23			6258.06			325.50	U.P.Wheelon Pl.	2500.00	4217.88		
24			6258.06			325.50			4217.88		
25			6258.06			325.50			4217.88		
26			6258.06	Unknown	.20	325.70			4217.88	Pumps	7.81
27			6258.06			325.70			4217.88		
28			6258.06			325.70			4217.88	Pumps	3.00
29			6258.06			325.70			4217.88	Fish & Wildlife	1000.00
1930			6258.06			325.70			4217.88		
31			6258.06			325.70			4217.88		
32			6258.06			325.70			4217.88		
33			6258.06			325.70			4217.88		
34			6258.06			325.70			4217.88		
35			6258.06			325.70			4217.88		
36			6258.06			325.70			4217.88		
37			6258.06			325.70			4217.88		
38			6258.06			325.70			4217.88		
39	Unknown	.60	6258.66			325.70			4217.88		

* Not included in accum. irrig. total

W A T E R R I G H T S

MAIN STEM OF BEAR RIVER

and

SMITHS FORK

Compiled by Logan Office, U. S. Geological Survey for
Bear River Compact Commission from listings furnished
by the State Engineers of Utah and Wyoming and the
State Reclamation Engineer of Idaho.

This is a preliminary tabulation and any errors noted should
be reported to the State Engineer or State Reclamation Engi-
neer in the respective state responsible for administration
of the right.

W. V. Iorns, Project Engineer
March, 1948

BEAR RIVER -- UTAH
Summit County

(Canals Listed in Downstream Order)

Canal	Appropriator	Priority	WATER USERS CLAIMS		Planim. Acreage Served
			Acres	* c.f.s.	
Wright Trans. Mtn. (West Fork)	M. H. Wright	1869	Supp.	.80	263 ✓
	J. P. Walker	1869		3.2	
Hovarka East Fork	Jas. A. Hovarka	10-1-96	217		217 ✓
Hilliard East Fork**	Leonard Layton, et al	1914	2,644		2,644 ✓
Lannon	J. C. Stauffer	1-25-96	620		937 { 620 316
	Archie McGraw	1898	316		
Hilliard West Side	Martin Clark, et al	1891	517		2072 { 586 1,486
	William Cook, Jr., et al	1893	1,529		
Section Totals			5,843		5,869

Adjudication pending

* No claim filed, based on descriptions furnished by Wyoming State Engineer.

BEAR RIVER - UTAH
Summit County

(Rights Listed in Order of Priority)

Canal	Date	* * Acres	* c.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
Wright Trans. Mtn. (West Fork)	1869		Supp.		4.0
Hilliard West Side	1891	586			11.72
Hilliard West Side	1893	1,486			29.72
Lannon	4-25-96	620			12.40
Hovarka East Fork	10-1-96	217			4.34
Lannon	1898	316			6.32
Hilliard East Fork	1914	2,644			52.88
Section Totals		5,869			117.38

* Adjudication pending

** Planimetered acreage used.

BEAR RIVER - WYOMING
 Uinta County

(Canals Listed in Downstream Order)

Canal	Appropriator	Adjudicated			Accum. c.f.s.	Planim. Acreage Served
		Priority	Acres	c.f.s.		
Bear	E. Barker, et al	8-24-04	4,177	59.56	59.56	4,753
	C.E. Clark, et al	5-17-30	843	12.04	71.60	
	W. R. Lowham	11-14-30	40	.57	72.17	
	G. Barker	1-10-31	<u>83.1</u>	1.19	73.36	
	Totals		5,143.1			
Tropic	J. W. Hatten	1889	150	2.14	2.14	584
	S. F. Hatten	10-19-01	128	1.82	3.96	
	B. J. Atkinson	9-13-17	<u>313.38</u>	4.48	8.44	
	Totals		591.38			
Danielson	C. G. Danielson	1-27-95	223	3.18	3.18	400
	C. G. Danielson, Jr.	1-07	<u>158</u>	2.25	5.43	
	Totals		381			
Pine Grove & Crown	R.M. Lewis, et al	10-5-90	680	9.69	9.69	85 2,236
	R.M. Lewis, et al	10-13-90	1,023	14.61	24.30	
	C. A. Lannon	6-30-92	15	.21	24.51	
	J. L. Lewis	4-13-03	155	2.21	26.72	
	J. F. Spencer	1-6-08	401	5.73	32.45	
	Not adjudicated					
	Totals		<u>2,274</u>			
McGraw & Big Bend	J. A. McGraw	9-30-83	260	3.71	3.71	1,013
	J. A. McGraw	7-12-97	315	4.50	8.21	
	A. McGraw	9-7-10	<u>468</u>	6.68	14.89	
	Totals		1,043			
Homer	H. Homer	May 1886	65	.92	.92	107
Lewis	Myers L. & L.S. Co.	9-23-88	20	.28	.28	40 822
	Crown L.S. Co.	10-4-88	360	5.14	5.42	
	T. F. Lewis	4-20-00	460	6.57	11.99	
	Not adjudicated					
	Totals		<u>840</u>			
Lewis & Blanchard	Crown L. & S. Co. & Rose Lewis	6-18-88	260	3.71	3.71	207
Myers #2	Myers L. & L.S. Co.	9-23-88	150	2.14	2.14	58 654
	do	2-13-01	430	6.14	8.28	
	do	3-28-39	45	.64	8.92	
	Not adjudicated					
	Totals		<u>625</u>			

BEAR RIVER - WYOMING
 Uinta County

(Canals Listed in Downstream Order)

Canal	Appropriator	Adjudicated			Accum. c.f.s.	Flanim. Acreage Served
		Priority	Acres	c.f.s.		
Harex	R. E. Harex	Aug. 1883	58	.82	.82	
	Myers L. & L.S. Co.	9-23-88	20	.28	1.10	
	R. E. Harex	9-23-88	60	.86	1.96	
	Not adjudicated					20
	Totals		138			151
Goffman	Myers L. & L.S. Co.	2-3-98	180	2.57	2.57	234
Knoder	Myers L. & L.S. Co.	1872	195	2.78	2.78	
	Not adjudicated					28
	Totals		195			194
Myers #1	Myers L. & L.S. Co.	8-7-01	305	4.35	4.35	258
Myers Irrigating	Myers L. & L.S. Co.	5-1-62	280	4.00	4.00	232
Booth	Jamison & Proffitt	10-23-89	853	12.19	12.19	800
Evanston City Pipe Line	U.P.R.R. Co.	1869	42	.60	.60	
	Town of Evanston	1875	280	4.00	4.60	
	Totals		322		Municipal	322
Anel	A. R. Cornelison	4-15-87	295	4.21	4.21	
	A. R. Cornelison	4-19-04	31.2	.44	4.65	332
	Totals		326.2			
Cornelison	T. Painter	9-28-12	27.5	.39	.39	
	R. Whittaker	6-15-16	38	.54	.93	
	T. Painter	8-15-16	10	.14	1.07	
	Totals		75.5			76
Evanston Water Supy.	State of Wyoming	1888	110	1.57	1.57	
	Town of Evanston	8-28-93	210	3.00	4.57	
	State Board of Charities	6-29-06	40	.57	5.14	
	O. J. Buchanan	9-10-21	15	.21	5.35	
	U.P.R.R. Co.	9-28-33	35	.50	5.85	
	Not adjudicated					107
	Totals		410			528
Anderson	F. A. Boylies	3-39-01	399	5.70	5.70	407

BEAR RIVER - WYOMING
 Uinta County

(Canals Listed in Downstream Order)

Canal	Appropriator	Adjudicated			Accum. c.f.s	Planim. Acreage Served
		Priority	Acres	c.f.s.		
Knight #1 (Adj.#2)	Bear River Devl. Co.	1886	193	2.75	2.75	170
Knight #2 (Adj.#1)	Bear River Devl. Co.	10-10-88	305	4.35	4.35	270
Evanston Water	Jacob Stahley, et al	3-28-75	813	11.6	11.6	
	H. Bodine, et al	9-22-15	1,143	16.33	27.93	
	Not adjudicated					55
	Totals		1,956			1,527
Barton	David Barton	1878	140	2.0	2.0	
	F. Wadsworth	8-9-18	8	.11	2.11	
	Totals		148			148
Faulkner	C. Faulkner	7-13-95	90	1.28	1.28	118
Rocky Mtn. Blythe	Felter, Harrison, Neponset	1875	160	2.27	2.27	
	S. Faulkner	1878	18	.25	2.52	
	Phipps & Whittle	5-5-82	112.75	1.60	4.12	
	L. H. Crompton	4-1-89	64.8	.92	5.04	
	B. Barnes	7-16-92	6	.08	5.12	
	1213 P. Danks	5-14-96	84	1.20	6.32	
	1488 L. H. Crompton	-20-97	40	.57	6.89	
	1617 M. Lyndon	5-24-97	7.5	.11	7.00	
	1462 P. Danks	11-17-97	19	.27	7.27	
	378EC. Edwards	10-13-98	63	.90	8.17	
	931E Whittle & Crompton	5-10-02	105	1.50	9.67	
	1418E D. M. Caldwell	7-28-05	6	.08	9.75	
	A. Young	12-21-10	.86	.01	9.76	
	11075 T. V. Davis	11-11-11	2	.03	9.79	
	3178E L.H.C. Wardle	12-4-14	73	1.04	10.83	
L.H.C. Wardle	12-4-14	19	.27	11.10		
3586E E. Carrol	3-28-16	12	.17	11.27		
D. Crompton	6-11-20	40	.57	11.84		
	Totals		832.91			833
Fife	Joseph Fife, Sr.	5-1-84	7.25	.10	.10	
	Joseph Fife, Sr.	6-14-02	16.12	.23	.33	
	Totals		23.37			20
Wmson-Narramore	Wm. Narramore, et al	9-9-97	72.7	1.02	1.02	
	Wm. Narramore, Jr.	3-11-11	14	.20	1.22	
	Totals		86.7			66

BEAR RIVER - WYOMING
 Uinta County

(Canals Listed in Downstream Order)

Canal	Appropriator	Priority	Adjudicated		Accum. c.f.s.	Planim. Acreage Served
			Acres	c.f.s.		
Bruce Barton	Christensen-Engstrom	1-9-84	113	1.61	1.61	
	Sims L. & L.S. Co.	5-18-96	55	.78	2.39	
	Not adjudicated		<u>37</u>	.52		49
	Totals		168 24 <u>229</u>	.34 <u>.52</u>	3.25	<u>196</u>
A. W. Sims	Sims L. & S. Co.	10-9-83	120	1.71	1.71	
	Laban Heward	1-13-96	37	.52	2.23	
	Laban Heward	6-27-98	24	.34	2.57	
	Laban Heward <i>OK</i>	11-2-00	80	1.14	3.71	
	Totals		<u>261</u>		2.85	<u>252</u>
John Anderson	Application dated Feb. 1946 for 57 acres on water from Evanston Outfall Sewer, 30 acres being irrigated, Not a river right.					
Crompton #2 (Jnctn.)	Anderson L. & S. Co.	1-17-96	200	2.85	2.85	212
Fearne	Laban Heward	7-1-86	40	.57	.57	48
Saxton-Turner	Jane Thomas	6-26-93	35	.50	.50	30
Saxton-Irrigation	E. Turner	5-1-87	48	.68	.68	
	E. Saxton	5-1-87	90	1.28	1.96	
	M. Morrow	5-1-87	10	.14	2.10	
	H. & J. Thomas	5-1-87	<u>77</u>	1.10	3.20	
	Totals		<u>225</u>			<u>288</u>
John Sims	W. & J. Sims	10-5-00	65	.92	0.92	
	Rocky Mtn. Coal & Iron Co.	8-5-09	69	.99	1.91	
	Not adjudicated					87
	Totals		<u>134</u>			<u>194</u>
Southern Pacific	W. & J. Sims	1887	153	2.18	2.18	
	Rocky Mtn. Coal & Iron Co.	12-7-71	<u>160</u>	2.28	4.46	
	Totals		313			288
Heward	Not adjudicated					72
Saxton Thomas	M. H. Saxton	3-19-08	118	1.68	1.68	92
Ramsey (Neville)	Mrs. A. Brown	1878	67	.95	0.95	
	Chambers Estate	1887	80	1.14	2.09	

BEAR RIVER -- WYOMING
 Uinta County

(Canals Listed in Downstream Order).

Canal	Appropriator	Adjudicated			Accum. c.f.s.	Planim. Acreage Served
		Priority	Acres	c.f.s.		
Ramsey (Continued) (Neville)	J. Salmela & J. Stacy	11-15-00	109	1.55	3.64	
	J. Salmela	11-26-09	20	.30	3.94	
	J. H. Martin	10-13-16	42	.60	4.54	
	G. A. Neville	3-25-20	52	.74	5.28	
	B. M. Bentson	7-26-20	67	.96	5.24	
	J. Salmela	8-16-22	46	.66	5.90	
	W. Nixon	-30-25	40	.57	6.47	
	Not adjudicated					266
	Totals		523			819
Almy	Butterfield-Saxton	5-2-92	43.5	.62	.62	
	M. Morrow	5-2-92	25	.35	.97	
	Totals		68.5			76
Sims, Blythe, Turner	Faddis & Turner	10-1-71	101	1.44	1.44	
	Blight-Heward-Turner	1886	265	3.77	5.21	
	E. Turner, Jr.	1-20-09	31	.44	5.65	
	W. Nixon	8-21-26	30.5	.44	6.09	
	Totals		427.5		4.65	428
Bowns	J. Bowns	1880	80	1.14	1.14	76
Russell	M. Morrow	8-21-91	15	.21	.21	20
Turner	Stacy & Turner	9-27-05	184	2.62	2.62	200
Upper Morris	H. & A. Morris	10-1-80	15	.21	.21	
	M. Morris	10-1-80	15	.21	.42	
	O. Morris, Sr.	10-1-80	76	1.08	1.50	
	J. Salmela	10-1-80	40	.57	2.07	
	S. Faddis	10-1-80	64	.91	2.98	
	J. Brown, Sr.	10-1-80	30	.42	3.40	
	Chambers & Estate (part)	10-1-80	35	.50	3.90	
	Totals		275			271
Chapman	J. Brown, et al Wyo.	8-13-86	1,155	16.46	16.46	1,101
	Neponset Co. & Rees Utah	8-13-86	13,240	189.13	205.59	6,785
	Evanston I&I Co. Wyo.	4-12-12	40	.57	206.16	40
	Deseret L.S. Co. Utah	5-3-12	239.8	3.43	209.59	240
	Deseret L.S. Co. Utah	5-21-12	796.3	11.39	220.98	796
	A.W. Wallin Wyo.	2-6-13	55	.79	221.77	35
	Totals		15,526.1			8,997

BEAR RIVER - WYOMING
 Uinta County

(Canals Listed in Downstream Order)

Canal	Appropriator	Adjudicated			Accum. c.f.s.	Planim. Acreage Served	
		Priority	Acres	c.f.s.			
Lower Morris	Chambers Estate (Pt.)	10-1-80	1,117	15.95	15.95		
	G. Sessions	10-1-80	80	1.14	17.09		
	Chambers Estate	1885	90	1.28	18.37		
	Totals		<u>1,287</u>				<u>1,283</u>
Bruce Bowns	I. Bruce & J. Bowns	1880	333	4.75	4.75	364	
Tunnel	Fowkes Bros.	1886	80	1.14	1.14		
	Chambers Estate	1886	670	9.57	10.71		
	C. M. Fowkes	7-15-12	38	.54	11.25		
	Totals		<u>788</u>				<u>759</u>
Fowkes	S. Thomas & Fowkes Bros.	1878	233	3.32	3.32	237	
Christensen	Chambers, Estate & Christensen	1888	148	2.11	2.11	161	
Upper Island	Chambers, Estate & Christensen	1885	294	4.19	4.19	256	
Blight Irrigation	Chambers Estate & Coles Fall	1883	362	5.16	5.16		
	F. Coles	7-20-85	93	1.32	6.48		
	Not adjudicated						<u>180</u>
	Totals		<u>455</u>				<u>616</u>
Acock & Cowlshaw	Chambers Estate - Christensen-Engstrom	5-15-82	278	3.97	3.97	287	
Lower Island	Not adjudicated					269	
Francis Lee	L. E. Johnson - Wyo.	1879	154	2.20	2.20		
	Ellis, et al* - Utah	1879	519	7.41	9.61		
	Totals		<u>673</u>				<u>673</u>
Bear River	David Rees - Utah	1874	1,535	21.93	21.93		
	David Rees - Wyo.	1874	74	1.05	22.98		
	Totals		<u>1,609</u>				<u>1,838</u>

* Recommended by Wyoming State Engineer that adjudication be corrected to include these lands.

Section totals excluding 14,276.1 acres adjudicated under Chapman Canal in Utah of which only 7,821 acres are irrigated.

28,756.16

~~29,130~~
28,943

BEAR RIVER - WYOMING
Uinta County

(Rights Listed in Order of Priority)

Canal	Date	Ad. Acres	c.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
Myers Irrigating	5-1-62	280	4.00	4.00	5.60
Evanston City Pipe Line	1869	42	.60	4.60	.84
Sims, Blythe & Turner	10-1-71	101	1.44	6.04	2.02
Southern Pacific	12-7-71	160	2.28	8.32	3.20
Knoder	1872	195	2.78	11.10	3.90
Bear River	1874	1,609	22.98	34.08	32.18
Evanston Water Supply	1875	280	4.00	38.08	5.60
Rocky Mtn. Blythe	1875	160	2.27	40.35	3.20
Evanston Water	3-28-75	812	11.60	51.95	16.26
Barton	1878	17	2.00	53.95	2.80
Fowkes	1878	23	3.32	57.27	4.66
Rocky Mtn. Blythe	1878	18	.25	57.52	.36
Ramsey	1878	67	.95	58.47	1.34
Francis Lee	1879	673*	9.61	68.08	13.46*
Bruce Bowns	1880	333	4.75	72.83	6.66
Bowns	1880	80	1.14	73.97	1.60
Upper Morris	10-1-80	275	3.90	77.87	5.50
Lower Morris	10-1-80	1,197	17.09	94.96	23.94
Rocky Mtn. Blythe	5-5-82	112.75	1.60	96.56	2.26
Cock & Cowlishaw	5-15-82	278	3.97	100.53	5.56
Hare	Aug. 1883	58	.82	101.35	1.16
Blight	Fall 1883	362	5.16	106.51	7.24
McGraw & Big Bend	9-30-83	260	3.71	110.22	5.20
A. W. Sims	10-9-83	120	1.71	111.93	2.40
Bruce Barton	1-9-84	113	1.61	113.54	2.26
Pipe	5-1-84	7.25	.10	113.64	.14
Upper Island	1885	294	4.19	117.83	5.88
Lower Morris	1885	90	1.28	119.11	1.80
Blight	7-20-85	93	1.32	120.43	1.86
Blight #1 (Adj.#2)	1886	193	2.75	123.18	3.86
Sims, Blight & Turner	1886	265	3.77	126.95	5.20
Tunnel	1886	750	10.71	137.66	15.00
Tommer	May 1886	65	.92	138.58	1.30
Carne	7-1-86	40	.57	139.15	.80
Chapman (Wyo.)	8-13-86	1,155	16.46	155.61	23.10
Chapman (Utah)	8-13-86	13,240	120.00**	275.61	120.00**
Ramsey	1887	80	1.14	276.75	1.60
Southern Pacific	1887	15	2.18	278.93	3.02
Tunnel	4-15-87	29	4.21	283.14	5.90
Maxton Irrigation	5-1-87	225	3.20	286.34	4.50
Christensen	1888	148	2.11	288.45	2.96

Includes recommended adjudication to include Utah lands.

* Recommended amount to use in Compact.

BEAR RIVER - WYOMING
Uinta County

(Rights Listed in Order of Priority)

Canal	Date	Ad. Acres	C.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
Vanston Water Supply	1888	110	1.57	290.02	2.20
Lewis & Blanchard	6-18-88	260	3.71	293.73	5.20
Ware	9-23-88	20	.28	294.01	.40
Wyers #2	9-23-88	150	2.14	296.15	3.00
Lewis	9-23-88	20	.28	296.43	.40
Ware	9-23-88	60	.86	297.29	1.20
Lewis	10-4-88	360	5.14	302.43	7.20
Night #2 (Adj.#1)	10-10-88	305	4.35	306.78	6.10
Tropic	1889	150	2.14	308.92	3.00
Rocky Mtn. Blythe	4-1-89	64.8	.92	309.84	1.30
Booth	10-23-89	853	12.19	322.03	17.06
Fine Grove & Crown	10-5-90	680	9.69	331.72	13.60
Fine Grove & Crown	10-15-90	1,023	14.61	346.33	20.46
Russell	8-21-91	15	.21	346.54	.30
Elmy	5-2-92	68.5	.97	347.51	1.37
Fine Grove & Crown	6-30-92	15	.21	347.72	.30
Rocky Mtn. Blythe	7-16-92	6	.08	347.80	.12
Saxton-Turner	6-26-93	35	.50	348.30	.70
Vanston Water Supply	8-28-93	210	3.00	351.30	4.20
Hullner	7-13-95	90	1.28	352.58	1.80
Danielson	11-27-95	223	3.18	355.76	4.46
A. W. Sims	1-13-96	37	.52	356.28	.74
Prompton #2	1-17-96	200	2.85	359.13	4.00
Rocky Mtn. Blythe	5-14-96	84	1.20	360.33	1.68
Bruce Barton	5-18-96	55	.78	361.11	1.10
Rocky Mtn. Blythe	3-20-97	40	.57	361.68	.80
Lyndon	5-24-97	7.5	.11	361.79	.15
McGraw & Big Bend	7-12-97	315	4.50	366.29	6.30
Johnson & Narramore	9-9-97	72.7	1.02	367.31	1.45
Rocky Mtn. Blythe	11-17-97	19	.27	367.58	.38
Hoffman	2-3-98	180	2.57	370.15	3.60
A. W. Sims	6-27-98	24	.34	370.49	.48
Rocky Mtn. Blythe	10-13-98	63	.90	371.39	1.26
Lewis	4-20-00	460	6.57	377.96	9.20
John Sims	10-5-00	65	.92	378.88	1.30
A. W. Sims	11-2-00	80	1.14	380.02	1.60
Ramsey	11-15-00	109	1.55	381.57	2.18
Anderson	3-29-01	399	5.70	387.27	7.98
Wyers No. 1	8-7-01	305	4.35	391.62	6.10
Tropic	10-19-01	128	1.82	393.44	2.56
Wyers No. 2	12-13-01	430	6.14	399.58	8.60
Rocky Mtn. Blythe	5-10-02	105	1.50	401.08	2.10
Life	6-14-02	16.12	.23	401.31	.32
Fine Grove & Crown	4-13-03	155	2.21	403.52	3.10
Shel	4-19-04	31.2	.44	403.96	.62

BEAR RIVER - WYOMING
 Uinta County
 (Rights Listed in Order of Priority)

Canal	Date	Ad. Acres	c.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
Bear	8-24-04	4,177	59.56	463.52	83.54
Rocky Mtn. Blythe	7-28-05	6	.08	463.60	.12
Turner	9-27-05	184	2.62	466.22	3.68
Evanston Water Supply	6-29-06	40	.57	466.79	.80
Danielson	7-1-07	158	2.25	469.04	3.16
Pine Grove & Crown	1-6-08	401	5.73	474.77	8.02
Saxton-Thomas	3-19-08	118	1.68	476.45	2.36
Sims, Blythe & Turner	1-20-09	31	.44	476.89	.62
John Sims	8-5-09	69	.99	477.88	1.38
Ramsey	11-26-09	20	.30	478.18	.40
McGraw & Big Bend	9-7-10	468	6.68	484.86	9.36
Rocky Mtn. Blythe	12-21-10	.86	.01	484.87	.02
Johnson-Narramore	3-11-11	4	.20	485.07	.28
Rocky Mtn. Blythe	11-11-11	2	.03	485.10	.04
Chapman	4-12-12	40	.57	485.67	.80
Chapman	5-3-12	239.8	3.43	489.10	0 *
Chapman	5-21-12	796.3	11.39	500.49	0 *
Tunnel	7-15-12	38	.54	501.03	.76
Cornelisen	9-28-12	27.5	.39	501.42	.55
Chapman	2-6-13	55	.79	502.21	1.10
Rocky Mtn. Blythe	12-4-14	73	1.04	503.25	1.56
Crompton	12-4-14	19	.27	503.52	.38
Evanston Water	9-22-15	1,143	16.33	519.85	22.86
Rocky Mtn. Blythe	3-28-16	12	.17	520.02	.24
Cornelison	6-15-16	38	.54	520.56	.76
Cornelison	8-15-16	10	.14	520.70	.20
Ramsey	10-13-16	42	.60	521.30	.84
Tropic	9-13-17	313.38	4.48	525.78	6.27
Barton	8-9-18	8	.11	525.89	.16
Ramsey	3-25-20	52	.74	526.63	1.04
Rocky Mtn. Blythe	6-11-20	40	.57	527.20	.80
Ramsey	7-26-20	67	.96	528.16	1.34
Evanston Water Supply	9-10-21	15	.21	528.37	.30
Ramsey	8-16-22	46	.66	529.03	.92
Ramsey	4-30-25	40	.57	529.60	.80
Sims, Blythe & Turner	8-21-26	30.5	.44	530.04	.61
Bear	5-17-30	843	12.04	542.08	16.86
Bear	11-14-30	40	.57	542.65	.80
Bear	1-10-31	83.1	1.19	543.84	1.66
Evanston Water Supply	9-28-33	5	.50	544.34	.70
Myers No. 2	3-28-39	5	.64	544.98	.90

Section Totals

28,756.16 **

695.08

* Included under 1886 right in recommended corrected adjudication.

** Excludes the 14,276.1 acres listed for Chapman Canal in Utah.

BEAR RIVER - UTAH
Rich County

(Canals Listed in Downstream Order)

Canal	Appropriator	Priority	WATER USERS CLAIMS		Planim. Acreage Served
			Acres	* c.f.s.	
Deville	Charles Cox	11-27-17	(Included under Chapman Canal)		
Rees Land & Livestock	Rees L. & L.	3-24-19	593		412
Booth	Rees L. & L.	1862	277		307
Randolph-Woodruff Canal	Randolph-Wood.	5-5-85	9,416		9,550
Crawford Thompson	Crawford, Thompson Canal Co.	1875	4,984		5,635
Dykens	Joshua Ashton, et al.	1887	1,079		1,298
Randolph Sage Creek	Randolph & Sage Creek	1-10- 10 ⁰¹	9,299		9,380
McMinn	Demo Pearce, et al.	4-7-83	1,390		1,382
Enberg	Samuel Rex	3-2-86	723		820
B. Q. West Side	Beckwith Quinn	1888	<u>5,524</u>		<u>5,813</u>
	Section Totals		33,285		34,597

* Adjudication pending.

BEAR RIVER - UTAH
Rich County

(Rights Listed in Order of Priority)

Canal	Date	* Acres	** c.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
Booth	1862	307			6.14
Crawford-Thompson	1875	5,635			112.70
McMinn	4-7-83	1,382			27.64
Randolph-Woodruff	5-5-85	9,550			191.00
Enberg	3-2-86	820			16.40
Dykens	1887	1,298			25.96
B. Q. West Side	1888	5,813			116.26
Randolph Sage Creek	1-10-10	9,380			187.60
Meville	11-27-17	(Included under Chapman Canal)			
Rees Land & Livestock	3-24-19	412			8.24
Section Totals		34,597			691.94

* Planimetered acreage under canal.

** Adjudication pending.

BEAR RIVER -- WYOMING
Lincoln County

Randolph to Mouth of Smiths Fork

(Canals listed in Downstream Order)

Canal	Appropriator	Adjudicated			Accum. c.f.s.	Planim. Acreage Served
		Priority	Acres	c.f.s.		
B. Q. West Side <i>Stogoh</i>	Beckwith Quinn & Co.	4-1-83	2,005	28.64	28.64	1,882
McFarland	F. A. Beckwith et al	6-12-01	360	5.13	5.13	300
B. Q. East Side	Beckwith Quinn & Co.	May 1878	2,480	35.42	35.42	2,104
Pixley-Dam Backwater	Beckwith Quinn & Co.	1879	190	2.71	2.71	292
Pixley Canal	Afton L.S. Co. & Vibrans	1880	2,141	30.57	30.57	
	S. A. Mills	10-17-82	320	4.57	35.14	
	W. Vibrans	8-3-07	6	.08	35.22	
			<u>2,467</u>			<u>2,614</u>
Pixley (East of River)	Afton L.S. Co.	1881	798	11.40	11.40	950
Stoffer Pump	Annet Stoffers	4-24-30	157	2.24	2.24	136
	Section Totals		<u>8,457</u>			<u>8,278</u>

35.22
 11.40
 2.24

 48.86

BEAR RIVER - WYOMING
Lincoln County

Randolph to Mouth of Smiths Fork

(Rights Listed in order of Priority)

Canal	Date	Acres	c.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
B. Q. East Side	May 1878	2,480	35.42	35.42	49.60
Pixley Dam Backwater	1879	190	2.71	38.13	3.80
Pixley Canal	1880	2,141	30.57	68.70	42.82
Pixley East	1881	798	11.40	80.10	15.96
Pixley Canal	10-17-82	320	4.57	84.67	6.40
B. Q. West Slough	4-1-83	2,005	28.64	113.31	40.10
McFarland	6-12-01	360	5.13	118.44	7.20
Pixley Canal	8-3-07	6	.08	118.52	.12
Stoffer Pump	4-24-30	<u>157</u>	2.24	120.76	<u>3.14</u>
	Section Totals	8,457	120		169.14

BEAR RIVER -- WYOMING
Lincoln County

Mouth of Smith Fork to Border

(Canals Listed in Downstream Order)

Canal	Appropriator	Adjudicated			Accum. c.f.s.	Flanim. Acreage Served
		Priority	Acres	c.f.s.		
Garrett	Stoner Brothers	9-1-88	145	2.07	2.07	217
Sights	J. M. Sights et al	5-30-84	574	8.19	8.19	705
Wyman West Side	W. H. Wyman	5-1-86 ^{OK?} 10-10-86	70	3.35 1.00	1.00	
	J. D. Noblitt	9-5-11	211	3.01	4.01	
			<u>281</u>			Revised to 297 362 *
Wyman East Side	W. H. Wyman	5-1-86	235	3.35	3.35	234
Snyder	L. Christensen	5-30-81	355	5.07	5.07	351
Rocky Point	J. M. Sights	3-16-06	54	.77	.77	256 195 *
Cook	P. Anderson & S. W. Condron	5-13-83	478.89	6.83	6.83	
	J. W. Cook et al	5-13-83	<u>2,464.72</u>	35.20	42.03	<u>2,925</u> ✓
			2,943.61			
J. R. Richards	H. J. Somsen	1878	304	4.33	4.33	
	J. R. Richards	Apr. 1879	5	.07	4.40	
	P. Anderson	5-29-11	<u>72</u>	1.03	5.43	<u>419</u> ✓
			381			
Section Totals						
			<u>4,968.61</u>			<u>5,476</u>

* Revised

BEAR RIVER - WYOMING
Lincoln County

Mouth of Smiths Fork to Border

(Rights Listed in Order of Priority)

Canal	Date	Acres	c.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
J. R. Richards	1878	304	4.33	4.33	6.08
J. R. Richards	Apr. 1879	5	.07	4.40	.10
Snyder	5-30-81	355	5.07	9.47	7.10
Cook	5-13-83	2,943.61	42.03	51.50	58.87
Sights	5-30-84	574	8.19	59.69	11.48
Wyman East Side	5-1-86	235	3.35	63.04	4.70
Wyman West Side	10-10-86	70	1.00 1.00	64.04	1.40
Garrett	9-1-88	145	5.07 2.07	66.11	2.90
Rocky Point	3-16-06	54	.77	66.88	1.08
Wyman West Side	9-15-11	211	3.01	69.89	4.22
J. R. Richards	5-29-11	72	1.03	70.92	1.44
Section Totals		4,968.61			99.37

BEAR RIVER - IDAHO
Bear Lake County

Border to Stewart Dam

(Canals Listed in Downstream Order)

Canal	Appropriator	Priority	Acres	D E C R E E D				Planim. Acreage Served
				Apr.15-Jul.1 c.f.s.	Jul.2-Sep.30 c.f.s.	Accum. c.f.s.	Accum. c.f.s.	
Miller	Hyrum							
	Esterholdt	4-15-77	40	1.20	1.20	.80	.80	
	Joseph							
	Esterholdt	4-15-77	4	.11	1.31	.08	.88	
	John D. Miller	4-15-77	150	4.50	5.81	3.00	3.88	
	Hyrum							
	Esterholdt	4-15-80	123	3.68	9.49	2.45	6.33	
	Joseph							
	Esterholdt	4-15-80	11	.34	9.83	.22	6.55	
	John O. Miller	4-15-80	150	4.00	13.83	3.00	9.55	
	Hyrum							
	Esterholdt	4-15-85	20	.40	14.23	.40	9.95	
John O. Miller	4-15-85	180	3.60	17.83	3.60	13.55		
Ola Transtrum	4-15-85	70	1.40	19.23	1.40	14.95		
Totals			678				866	
Nuffer	Ola Transtrum	4-15-77	500	15.0	15.0	10.0	10.0	
	Carrie Hill	4-15-77	200	6.0	21.0	4.0	14.0	
	J.A.C. Nelson	4-15-77	150	4.5	25.5	3.0	17.0	
	Joseph							
	Esterholdt	4-15-77	26	.79	26.29	.52	17.52	
	Carrie Hill	4-15-80	100	3.0	29.29	2.0	19.52	
	J.A.C. Nelson	4-15-80	85	2.5	31.79	1.7	21.22	
	Joseph							
	Esterholdt	4-15-80	79	2.36	34.15	1.58	22.80	
	Carrie Hill	4-15-85	50	1.0	35.15	1.0	23.80	
	J.A.C. Nelson	4-15-85	40	.8	35.95	.8	24.60	
Totals			1,230				936	
Pacific	Ola Transtrum	4-15-77	400	12.0	12.0	8.0	8.0	
	do	4-15-85	30	.6	12.6	.6	8.6	
	Totals		430				650	
Transtrum	Ola Transtrum	4-15-80	560	16.8	28.8	11.2	19.2	257

BEAR RIVER - IDAHO
Bear Lake County

Border to Stewart Dam

(Canals Listed in Downstream Order)

Canal	Appropriator	Priority	Acres	D E C H E E D				Planim. Acreage Served
				Apr. 15-Jul. 1 Accum. c.f.s.	Jul. 2- c.f.s.	Sep. 30 Accum. c.f.s.	c.f.s.	
Loyd Ditch	Ezra J. Phelps	4-15-77	160	4.8	4.8	3.2	3.2	<u>246</u>
	Ola Transtrum	4-15-80	40	1.2	6.0	.8	4.0	
	Ezra J. Phelps	4-15-85	100	2.0	8.0	2.0	6.0	
	Totals		<u>300</u>					
Phelps Estate	John H. Jensen	4-15-77	250	7.5	7.5	5.0	5.0	<u>327</u>
	" " "	4-15-85	40	.8	8.3	.8	5.8	
	George Sparks	5-1-97	160	3.0	11.3	3.0	8.8	
	Totals		<u>450</u>					
Dingle Irrig.	Dingle Irrig. Co.	4-15-80	931	20.0	20.0	20.0	20.0	<u>1,751</u>
	" " "	4-15-83	512	11.0	31.0	11.0	31.0	
	" " "	4-15-84	278	6.0	37.0	6.0	37.0	
	Totals		<u>1,721</u>					
Ream Crockett	Ream Crockett Irrig. Co.	4-15-77	1,000	30.0	30.0	20.0	20.0	<u>2,603</u>
	" " "	4-15-84	906	19.5	49.5	19.5	39.5	
	" " "	4-15-85	594	12.8	62.3	12.8	52.3	
	Totals		<u>2,500</u>					
Black Otter & Peg Leg	Grimmet Black Otter Irrig. Co.	4-15-77	4,434	133.5	133.5	89.0	89.0	<u>5,872</u>
	Peg Leg Island Irrig. Co.	4-15-78	396	8.0	141.5	8.0	97.0	
	" " "	4-15-83	322	6.5	14.80	6.5	103.5	
	" " "	4-15-84	149	3.0	151.0	3.0	106.5	
	Totals		<u>5,301</u>					

BEAR RIVER - ILAHO
Bear Lake County

Border to Stewart Dam

(Canals Listed in ^{and} Downstream Order)

Canal	Appropriator	Priority	Acres	D E C R E E D				Planim, Acreage Served
				Apr.15-Jul.1 Accun. c.f.s.		Jul.2 Sept. 30 Accun. c.f.s.		
Montpelier	Preston - Montpelier	4-15-97	1,000	30.0	30.0	20.0	20.0	
Preston	Irrig. Co.	7-1-77	576	12.0	42.0	12.0	32.0	
	" "	4-15-83	1,370	28.6	70.6	28.6	60.6	
	" "	4-15-84	254	5.3	75.9	5.3	65.9	
	Totals		<u>3,200</u>					<u>3,347</u>
Kent-Larocco	Continental Life Ins.	4-15-77	156	6.6	6.6	4.4	4.4	
	Oron Quayle	4-15-77	60	1.8	8.4	1.2	5.6	
	George Parker	4-15-77	10	.3	8.7	.2	5.8	
	Edward Larocco	4-15-77	75	2.25	10.95	1.5	7.3	
	Continental Life Ins.	4-15-83	60	1.7	12.65	1.7	9.0	
	Oron Quayle	4-15-83	85	1.7	14.35	1.7	10.7	
	Thomas Quayle	4-15-83	55	1.1	15.45	1.1	11.8	
	George Parker	4-15-83	60	1.2	16.65	1.2	13.0	
	Edward Larocco	4-15-83	25	.5	17.15	.5	13.5	
	Continental Life Ins.	4-15-84	106	3.0	20.15	3.0	16.5	
	Oron Quayle	4-15-84	15	.3	20.45	.3	16.8	
	Thomas Quayle	4-15-84	10	.2	20.65	.2	17.0	
	George Parker	4-15-84	10	.2	20.85	.2	17.2	
	Edward Larocco	4-15-84	5	.1	20.95	.1	17.3	
	Totals		<u>732</u>					<u>697</u>
Pugmire	Pugmire Land & Livestock Co.	4-15-77	232	6.9	6.9	4.6	4.6	214
West Fork	West Fork Irrig. Co.	4-15-77	<u>5,330</u>	160.0	160.0	107.0	107.0	<u>5,712</u>
	Section Totals		22,734					23,073 23,278

BEAR RIVER - IDAHO
Bear Lake County

Border to Stewart Dam

(Rights Listed in Order of Priority)

Canal	Priority	Acres	Apr. 15-Jul. 1		July 2-Sept. 30		Basis 1 cfs/50 Ac.
			c.f.s.	Accum. c.f.s.	c.f.s.	Accum. c.f.s.	
Miller	4-15-77	40	1.20	1.20	.80	.80	.80
"	"	4	.11	1.31	.08	.88	.08
"	"	150	4.50	5.81	3.00	3.88	3.00
Nuffer	"	500	15.0	20.81	10.0	13.88	10.00
"	"	200	6.0	26.81	4.0	17.88	4.00
"	"	150	4.5	31.31	3.0	20.88	3.00
"	"	26	.79	32.10	.52	21.40	.52
Pacific	"	400	12.0	44.10	8.0	29.40	8.00
Loyd Ditch	"	160	4.8	48.90	3.2	32.60	3.20
Phelps Estate	"	250	7.5	56.40	5.0	37.60	5.00
Ream Crockett	"	1,000	30.0	86.40	20.0	57.60	20.00
Black Otter & Peg Leg	"	4,434	133.5	219.90	89.0	146.60	88.68
Montpelier-Preston	"	1,000	30.0	249.90	20.0	166.60	20.00
Kent-Larocco	"	156	6.6	256.50	4.4	171.00	3.12
"	"	60	1.8	258.30	1.2	172.20	1.20
"	"	10	.3	258.60	.2	172.40	.20
"	"	75	2.25	260.85	1.5	173.90	1.50
Pugnire	"	232	6.9	267.75	4.6	178.50	4.64
West Fork	"	5,330	160.0	427.75	107.0	285.50	106.60
Montpelier-Preston	7-1-77	576	12.0	439.75	12.0	297.50	11.52
Blk. Otter & Peg Leg	4-15-78	396	8.0	447.75	8.0	305.50	7.92
Miller	4-15-80	123	3.68	451.43	2.45	307.95	2.46
"	"	11	.34	451.77	.22	308.17	.22
"	"	150	4.00	455.77	3.00	311.17	3.00
Nuffer	"	100	3.0	458.77	2.0	313.17	2.00
"	"	85	2.5	461.27	1.7	314.87	1.70
"	"	79	2.36	463.63	1.58	316.45	1.58
Transtrum	4-15-80	560	16.8	480.43	11.2	327.65	11.20
Loyd	"	40	1.2	481.63	.8	328.45	.80
Dingle Irrig.	"	931	20.0	501.63	20.0	348.45	18.62
"	4-15-83	512	11.0	512.63	11.0	359.45	10.24
Black Otter & Peg Leg	"	322	6.5	519.13	6.5	365.95	6.44
Montpelier-Preston	"	1,370	28.6	547.73	28.6	394.55	27.40
Kent-Larocco	"	60	1.7	549.43	1.7	396.25	1.20
"	"	85	1.7	551.13	1.7	397.95	1.70
"	"	55	1.1	552.23	1.1	399.05	1.10
"	"	60	1.2	553.43	1.2	400.25	1.20
"	"	25	.5	553.93	.5	400.75	.50

BEAR RIVER - IDAHO
Bear Lake County

Border to Stewart Dam

(Rights Listed in Order of Priority)

Canal	Priority	Acres	Apr. 15-Jul. 1		July 2-Sept. 30		Basis l. cfs/50 Ac.
			c.f.s.	Accum. c.f.s.	c.f.s.	Accum. c.f.s.	
Dingle Irrig.	4-15-84	278	6.0	559.93	6.0	406.75	5.56
Ream Crockett	"	906	19.5	579.43	19.5	426.25	18.12
Blk. Otter & Peg Leg	"	149	3.0	582.43	3.0	429.25	2.98
Montpelier-Preston	"	254	5.3	587.73	5.3	434.55	5.09
Kent-Larocco	"	106	3.0	590.73	3.0	437.55	2.12
" "	"	15	.3	591.03	.3	437.85	.30
" "	"	10	.2	591.23	.2	438.05	.20
" "	"	10	.2	591.43	.2	438.25	.20
" "	"	5	.1	591.53	.1	438.35	.10
Miller	4-15-85	20	.40	591.93	.40	438.75	.40
"	"	180	3.60	595.53	3.60	442.35	3.60
Nuffer	"	50	1.0	596.53	1.0	443.35	1.00
"	"	40	.8	597.33	.8	444.15	.80
Pacific	"	30	.6	597.93	.6	444.75	.60
Miller	"	70	1.4	599.33	1.4	446.15	1.40
Loyd Ditch	4-15-85	100	2.0	601.33	2.0	448.15	2.00
Phelps Estate	"	40	.8	602.13	.8	448.95	.80
Ream Crockett	"	594	12.8	614.93	12.8	461.75	11.88
Phelps Estate	5-1-97	160	3.0	617.93	3.0	464.75	3.20
Section Totals		22,734					454.68

BEAR RIVER - IDAHO
 Bear Lake, Bannock & Franklin Counties
 Stewart Dam to Preston
 (Canals Listed in Downstream Order)

Canal	Appropriator	Priority	D E C R E E D		Planim. Acreage Served
			Apr. 20-Jul. 1 Acres	Jul. 2-Sep. 30 c.f.s.	
Johnson	E. P., Albert & Hyrum L. Johnson	7-30-89	160	4.0	1.6
	"	-1-00	<u>60</u>	1.5	.6
	Totals		<u>220</u>		<u>197</u>
Budge No. 1	Budge L. & L. Co.	5-1-89	<u>963</u>	24.0	9.6
Budge No. 2	" "	" "	83	2.0	1.0
" "	" "	" "	<u>94</u>	2.5	1.0
	Totals		<u>177</u>		<u>180</u>

Canal	Appropriator	Priority	D E C R E E D		Planim. Acreage Served
			Acres	c.f.s.	
Unknown	Eph. T. Williams	3-21-95	120	2.4	121
Last Chance	Last Chance Canal Co. Ltd.	3-1-97	13,200	200.0	
" "	" " "	5-14-01	15,800	240.0	
" "	Bench Canal Co.	8-9-09	6,974	138.16	
" "	" " "	12-31-09	1,294	25.6	
" "	Tanner Canal Co.	7-29-10	<u>5,181</u>	54.0	
	Totals		<u>42,449</u>		<u>39,736</u>
Gentile Valley	A. W. Harris	5-1-79	110	2.2	
" "	Gentile Valley & Irrig. Co.	6-1-89	1,638	33.0	
" "	Ethel H. Ellsmore	8-31-98	47	1.0	
" "	Frank W. Harris	-31-98	43	.9	
" "	Thatcher Irrig. Co.	-23-01	1,738	35.0	
" "	Pond Bros. & Bartlome	4-18-04	560	12.0	
	Totals		<u>4,136</u>		<u>3,982</u>
Smith-Bosen	A.C. Bosen, Hyrum J. Smith, R. L. Smith & Melvin Green	5-1-82	300	5.5	291

BEAR RIVER - IDAHO
Bear Lake, Bannock & Franklin Counties

Stewart Dam to Preston

(Canals Listed in Downstream Order)

Canal	Appropriator	Priority	D E C R E E D		Planim. Acreage Served
			Acres	c.f.s.	
Riverdale Preston	Riverdale Preston Irrig. Co.	6-10-83	194	3.0	
" "		6-10-02	<u>421</u>	6.5	
	Totals		<u>615</u>		<u>737</u>
Nelson	Nelson Ditch Co.	5-1-80	400	6.5	374
Riverdale	Riverdale Irrig. Co.	5-1-82	800	13.0	976
West Cache	Battle Creek Irrig. Co.	10-83	400	5.0	
" "	West Cache Irrig. Co.	9-12-99	14,832	186.0	
	Totals		<u>15,232</u>		<u>18,541</u>
Cub River Pumps	Cub River Irrig. Co.	12-11-14	6,280	100.0	6,317
Unknown	Taylor Nelson	3-29-26	10	.2	
"	Thatcher Rural High School	2-13-39	5	.6	
	Totals		<u>15</u>		<u>15</u>
	Section Totals		<u>71,707</u>		<u>72,463</u>

BEAR RIVER - IDAHO
 Bear Lake, Barnock & Franklin Counties
 Stewart Dam to Preston
 (Rights Listed in Order of Priority)

Canal	Priority	Acres	Apr. 15-Jul. 1	Jul. 2-- Sept. 30
			c.f.s.	c.f.s.
Gentile Valley	5-1-79	110	2.2	2.2
Nelson	5-1-80	400	6.5	6.5
Smith-Bosen	5-1-82	300	5.5	5.5
Riverdale	5-1-82	800	13.0	13.0
Riverdale-Preston	6-10-83	194	3.0	3.0
West Cache	7-10-83	400	5.0	5.0
Budge No. 1	5-1-89	963	24.0	9.6
Budge No. 2	5-1-89	83	2.0	1.0
" " "	5-1-89	94	2.5	1.0
Gentile Valley	6-1-89	1,638	33.0	33.0
Johnson	7-30-89	160	4.0	1.6
Unknown	3-21-95	120	2.4	2.4
Last Chance	3-1-97	13,200	200	200
<hr/>				
Gentile Valley	8-31-98	47	1.0	1.0
" "	8-31-98	43	.9	.9
West Cache	9-12-99	14,832	186.0	186.0
Johnson	5-1-00	60	1.5	.6
Gentile Valley	2-23-01	1,738	35.0	35.0
Last Chance	5-14-01	15,800	240.0	240.0
<hr/>				
Riverdale Preston	6-10-02	421	6.5	6.5
Gentile Valley	4-18-04	560	12.0	12.0
Bench B	8-9-09	6,974	138.16	138.16
" "	12-31-09	1,294	25.6	25.6
Last Chance	7-29-10	5,181	54.0	54.0
Cub River Pumps	12-11-14	6,280	100	100
Unknown	3-29-26	10	.2	.2
"	2-13-39	5	.6	.6
<hr/>				
Section Totals		71,707		

*West Side 344.0
 83.8
 427.8*

213.5

*Grace Plant 1905 }
 1908 } 1000*

*Total Last Chance
 System 200
 240
 217.76
 457.76*

BEAR RIVER - UTAH
Cache County
Preston to Wheelon Dam
(Canals Listed in Downstream Order)

Canal	Appropriator	D E C R E E D		
		Priority	Acres	c.f.s.
Amalgamated Sugar Co.	(1) Same	5-1-17	Factory	6.0
Wheeler Pump	(2) Lloyd Wheeler et al	6-17-20	200	2.5
W. D. Goodwin Pump	W. D. Goodwin	5-1-94	140	0.5
" " "	W. D. Goodwin	5-1-19	-	1.5
J. E. Lowe & Goodwin Bros. Pump	D. C. Van Dyke et al	5-1-18	200	3.0
Hill Irrig. Co. Pump	Hill Irrig. Co.	5-15-20	310	4.0
Wood Irrig. Co. Pump	Wood Irrig. Co.	6-12-20	124	2.0
Allsop (A.J.Hill) Pump		10-3-16	95	1.5
Milton Bullen Pump	(2) Milton Bullen	7-15-17	243	4.88
C.G.Wood et al Pump	(2) C. G. Wood et al	6-1-20	200	2.5
Smithfield West Bench		6-1-19	705	5.0
Amalgamated Sugar Co.	(3) Same	10-1-17	Factory	6.0
" " "	(3) " " "	5-1-70	Factory	1.5
West Cache Canal Pump		Transfer from West Cache Canal		
Riverside Pump		5-1-90	200	3.0
Jonathan Smith Pump		5-1-17	270	3.0
Munk & Jorgensen Pump	(4)	-	-	-
Thaine & Hoffman Pump	(4)	-	-	-
King Irrig. Co. Pump	(4)	-	-	-
Reese & Clark Pump	(4)	-	-	-
Foster Reese Pump		5-1-80	200	3.0
H.W. Ballard et al Pump		5-1-17	300	4.0
Reese No. 1 Pump		5-1-80	200	3.0
Griffiths Pump		5-1-20	160	2.0
J. A. Baer Pump	(4)	-	-	-
M.J.& H.W.Ballard Pump	(4)	-	-	-
Benson Bear Lake Pump		5-1-17	700	7.0
W. H. Thain No. 1 Pump	(4)	-	-	-
Cronquest & Baugh Pump		5-1-18	480	6.0
Roy Smith (Adams) Pump		5-4-15	150	2.0
D. A. Skeen Pump	(5) D. A. Skeen	5-3-19	-	-
Intermtn. Sugar Co. Pump	(5) Intermtn. Sugar Co.	2-5-20	-	-
W. R. Ballard Pump	(5) W. R. Ballard	3-28-17	-	-
Hammond East Side Canal		6-1-04	7,100	95.0
West Side Canal		3-1-89		(333.0
" " "		5-14-01	38,230	(133.0
" " "		5-1-14		(43.0
" " "	(5)	12-2-12	-	-
Natterson Pump No. 3	(4)	-	-	-

- (1) Transferred to Burgeson Bros. Not being used 1944, 1945, 1946.
- (2) Not operated in 1944, 1945, 1946.
- (3) Transferred to Tueller Bros. Not being used 1944, 1945, 1946.
- (4) No application on file and not listed in Kimball Decree.
- (5) Application expired. No proof of completion submitted.

BEAR RIVER - UTAH
Cache County
Preston to Wheelon Dam
(Rights Listed in Order of Priority)

Canal	Date	Acres	c.f.s.
Amalgamated Sugar Co. Pump (1)	5-1-70	Factory	1.5
Reese No. 1 Pump	5-1-80	200	3.0
Foster Reese Pump	5-1-80	200	3.0
West Side Canal	3-1-89	25,000	333.0
Riverside Pump	5-1-90	200	3.0
W. D. Goodwin Pump	5-1-94	140	0.5
West Side Canal	5-14-01	10,000	133.0
Utah Power Co.	12-1-03	Power	270
Hammond East Side Canal	6-1-04	7,100	95.0
Utah Power Co.	12-1-06	Power	135
Utah Power Co.	12-1-08	"	135
Utah Power Co.	12-2-12	"	500
West Side Canal	5-1-14	3,230	43
Roy Smith Pump	5-4-15	150	2.0
Allsop Pump	10-30-16	95	1.5
Amalgamated Sugar Co. Pump (2)	5-1-17	Factory	6.0
Benson Bear Lake Pump	5-1-17	700	7.0
H. W. Ballard	5-1-17	300	4.0
Jonathan Smith Pump	5-1-17	270	3.0
Milton Bullen Pump (3)	7-15-17	243	4.88
Amalgamated Sugar Co. Pump (1)	10-1-17	Factory	6.0
J. E. Lowe & Goodwin Pump	5-1-18	200	3.0
Cronquist & Baugh Pump	5-1-18	480	6.0
W. D. Goodwin Pump	5-1-19	-	1.5
Smithfield West Bench Pump	6-1-19	705	5.0
Griffiths Pump	5-1-20	160	2.0
Hill Irrigation	5-15-20	310	4.0
C. G. Wood et al Pump (3)	6-1-20	200	2.5
Wood Irrigation Pump	6-12-20	124	2.0
Wheeler Pump (3)	6-17-20	200	2.5
Utah Power & Light Co.	12-19-23	Power	2,500
Munk & Jorgensen Pump (4)	-	-	-
Thaine & Hoffman Pump (4)	-	-	-
King Irrig. Co. Pump (4)	-	-	-
Reese & Clark Pump (4)	-	-	-
J. A. Baer Pump (4)	-	-	-
M. J. & H. W. Ballard Pump (4)	-	-	-
W. H. Thain No. 1 Pump (4)	-	-	-
D. A. Skeen Pump (5)	5-3-19	-	-
Intermountain Sugar Co. Pump (5)	2-5-20	-	-
W. R. Ballard Pump (5)	3-28-17	-	-
West Side Canal (5)	12-2-12	-	-
Natterson Pump No. 3 (4)	-	-	-

- (1) Transferred to Tueller Bros. Not being used 1944, 1945, 1946.
- (2) Transferred to Bergeson Bros. Not being used 1944, 1945, 1946.
- (3) Not operated in 1944, 1945, and 1946.
- (4) No application on file and not listed in Kimball Decree.
- (5) Application expired. No proof of completion submitted.

BEAR RIVER - UTAH
Box Elder County

Wheelon Dam to Great Salt Lake

(Rights Listed in Order of Priority)

Canal	Appropriator	Priority	c.f.s.
Pump	John Y. Ferry	9-22-15	1.24
Pump	Nelson-Serell, Barker-Lorenzo	4-6-16	2.0
Pump	Julius Stander	1-9-17	1.83
Pump	Bear River Pumping Co.	8-2-17	5.5
Pump	Frank W. Cheney	2-26-18	2.0
Pump	Chris Hansen	?	?
Pump	Eunice E. Bowman	12-17-17	3.0
Pump	James P. Jensen, Jr.	2-5-19	2.6
Pump	J. C. Burkner, et al	8-2-19	2.0
Pump	Alvin Stander, et al	2-17-20	3.5
Pump	L. S. Marin	6-7-20	3.53
Pump	Junius Thompson, et al	6-8-20	1.93
Pump	W. F. Hanse	6-22-25	7.81
Pump	Norman, Ralph, Johnson	10-29-28	3.0
Readers Overflow and other diversions Wildlife Service	Plan and	11-7-28	1,000

Storage and Power Rights on Bear River

Bear Lake Storage Rights

(Decreed in District Court of the United States)

Utah Power & Light Co.	Mar. 1, 1911	3,000 c.f.s.	(a)
	Sept. 11, 1912	2,500 c.f.s.	(a)
Utah Power & Light Co.	Sept. 1, 1912	300 c.f.s.	(b)
Utah Power & Light Co.	Sept. 1, 1912	200 c.f.s.	(c)

- (a) Diversion from Bear River for storage in Bear Lake.
- (b) Tributary inflow to Bear Lake for storage in Bear Lake.
- (c) Tributary inflow to Mud Lake for storage in Mud Lake.

Cove Reservoir Storage Right

(Decreed in District Court of the United States)

Utah Power & Light Co.	Mar. 28, 1916	4,000 ac. ft.
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Power Rights on Bear River, Idaho

<u>Name</u>	<u>Appropriator</u>	<u>Priority</u>	<u>c.f.s.</u>
Soda Power Plant	Utah Power & Light Co.	6-12-22	1,500
Grace Power Plant	Utah Power & Light Co.	12-28-05	500 (a)
	do	7-6-08	500 (a)
Cove Power Plant	Utah Power & Light co.	3-9-16	1,500 (a)
Oneida Power Plant	Utah Power & Light Co.	6-17-10	1,000 (a)
	do	1-18-11	1,500 (a)

Power Rights on Bear River, Utah

Outler Power Plant	Utah Power & Light Co.	12-1-03	270 (a)
	do	12-1-06	135 (a)
	do	12-1-08	135 (a)
	do	12-2-12	500 (a)
	do	12-19-23	2,500 (b)

- (a) Decreed in District Court of the United States
- (b) Utah Certificate No. 1624.

SMITHS FORK - WYOMING
Lincoln County

(Canals Listed in Downstream Order)

Canal	Appropriator	Adjudicated			Acc. c.f.s.	Planim. Acreage Served
		Priority	Acres	c.f.s.		
Quinn Bourne	A. S. Quadros	11-26-04	130	1.85	1.85	
	E. W. Bourne	11-26-04	135	1.92	3.77	
	D. Etcheverry	10-27-08	203	2.90	6.67	
	C. Etcheverry	11-18-15	76	1.09	7.76	
	Totals		<u>544</u>			<u>17.99</u> *
Button Flat	E. Lynch	3-13-06	160	2.28	2.28	
	F. Malone	3-13-06	185	2.64	4.92	
	Cokeville Sheep Co.	2-4-10	77	1.10	6.02	
	Totals		<u>422</u>			<u>13.22</u> *
Perry & Partridge	W. G. Perry	10-2-01	120	1.71 ✓	1.71	
	J.W. Chrisman (Pt)	2-28-03	39.5	.57	2.28	
	N. P. Nelson	2-28-03	52	.74	3.02	
	J.W. Chrisman (Pt)	1-24-07	44	.63	3.65	
	Totals		<u>255.5</u>			<u>8.65</u> ✓
Progress	C. J. Larson	3-9-03	36	.51	.51	
	W. G. Perry	3-9-03	135	1.92	2.43	
	Totals		<u>171</u>			<u>2.94</u> ✓
Emelle	A. N. Gardner et al	2-28-03	258	3.68	3.68	
	J.W. Chrisman (Pt)	2-28-03	50.5	.72	4.40	
	G. K. Murdock	7-7-05	160	2.28	6.68	
	S. B. Curtis	1-24-07	80	1.14	7.82	
	J.W. Chrisman (pt)	2-24-07	68	.97	8.79	
	G. K. Murdock	12-17-10	53	.76	9.55	
	E. A. Scott	12-17-10	155	2.21	11.76	
	A.N. Scott et al	10-17-16	34	.49	12.25	
Totals		<u>858.5</u>			<u>65.93</u> ✓	
Cooper	A. N. Gardner et al	8-27-92	206	2.94	2.94	
	N. P. Nelson	1-31-1900	135	1.92	4.86	
	E. Nelson	9-23-07	25	.35	5.21	
	S. B. Curtis et al	9-5-11	60	.86	6.07	
	Totals		<u>426</u>			<u>19.08</u> ✓

SMITHS FORK - WYOMING
Lincoln County

(Canals Listed in Downstream Order)

Canal	Appropriator	Adjudicated			Acc. c.f.s.	Planim. Acres Served
		Priority	Acres	c.f.s.		
Wheelock Upper	N. R. Stoner	9-5-11	185.62	2.65	2.65	175 ✓
Wheelock Lower	H. C. Kirkner	3-17-97	120	1.71	1.71	189 ✓
	Ona Mau, et al	7-21-04	58	.82	2.53	
	Totals		178			
Covey System	Collett (Heirs of J. W. Stoner)	5-22-86	70	1.00	1.00	
	Mau, (A. & J. W. Stoner)	10-28-86	242	3.46	4.46	
	Mau (V. Forgeon)	5-10-90	65	.93	5.39	
	Feeder (Heirs of J.W. Stoner)	5-18-93	275	3.92	9.31	
	Mau (F.A. Mau)	6-20-94	320	4.57	13.88	
	Mau (N.R. Stoner)	5-31-97	514	7.34	21.22	
	Mau (F. A. Mau)	4-21-02	34	.48	21.70	
	Collett, (A. S. Quadros)	9-26-03	40	.57	22.27	
	Mau, (O. & P. Bennion)	3-9-09	164	2.34	24.61	
	Covey, (W. L. Cole et al)	6-9-09	1,994.98	28.44	53.05	
	Covey, (A. R. Mau et al)	11-20-12	98.01	1.38	54.43	
	Covey, (N. R. Stoner et al)	8-30-13	116.50	1.67	56.10	
	Covey, (H. & L. Thompson)	9-27-27	99.6	1.42	57.52	
		Totals		4,033.09	75.2	
Tanner, Hunt, Garrett	H. T. Anderson	10-1-89	11	.15	.15	
	E. J. Tuckett	10-1-89	35	.50	.65	
	F. Twiss	10-1-89	17	.24	.89	
	R. Roberts	10-1-89	90	1.28	2.17	
	T. Kinney	10-1-89	110	1.57	3.74	
	R. Roberts	4-2-06	55	.78	4.52	
	Quealy S. & L. S. Co.	8-15-11	30	.43	4.95	
	Totals		348			288 ✓

SMITHS FORK - WYOMING
Lincoln County

(Canals Listed in Downstream Order)

Canal	Appropriator	Adjudicated			Acc. c.f.s.	Planim. Acreage Served
		Priority	Acres	c.f.s.		
Whites Water	A. J. Berrier	6-10-85	105	1.50	1.50	
	T. Kinney	6-10-85	870	12.42	13.92	
	Totals		<u>975</u>			<u>915</u> ✓
Martin	P. W. Olson	6-1-87	115	1.64	1.64	
	A. S. Quadros	9-26-03	50	.71	2.35	
	J. A. Jacobson	12-31-03	1	.01	2.36	
	Totals		<u>166</u>			<u>149</u> ✓
Bourne		1877	105	1.50	1.50	117 ✓
Forgeon		6-1-85	200	2.85	2.85	
		6-1-85	65	.92	3.77	
	Totals		<u>265</u>			<u>210</u> ✓
Stoner Nichols		4-17-88	182	2.60	2.60	
		7-18-88	40	.57	3.17	
		-18-88	97.17	1.39	4.56	
		9-20-09	2	.03	4.59	
	Totals		<u>321.17</u>			<u>369</u> ✓
Morgan		6-17-98	118	1.68	1.68	144 ✓
Cokeville Water		5-20-87	75	1.07	1.07	69 ✓
Tanner		1884	95	1.35	1.35	110 ✓
Smiths Fork Canal		5-20-87	125	1.78	1.78	142 ✓
South Branch No. 1 & 2		6-16-87	435	6.21	6.21	
		5-30-03	115	1.64	7.85	
		8-26-37	82	1.17	9.02	
	Totals		<u>632</u>			<u>737</u> ✓
Section Totals			10,298.88			10,159.00

SMITHS FORK - WYOMING
Lincoln County

(Rights Listed in Order of Priority)

Canal	Date	Acres	c.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
Bourne	1877	105	1.50	1.50	2.10
Tanner	1884	95	1.35	2.85	1.90
Forgeon	6-1-85	200	2.85	5.70	4.00
"	6-1-85	65	.92	6.62	1.30
Whites Water	6-10-85	105	1.50	8.12	2.10
" "	6-10-85	870	12.42	20.54	17.40
Covey System	5-22-86	70	1.00	21.54	1.40
" "	10-28-86	242	3.46	25.00	4.84
Cokeville Water	5-20-87	75	1.07	26.07	1.50
Smiths Fork Canal	5-20-87	125	1.78	27.85	2.50
Martin	6-1-87	115	1.64	29.49	2.30
South Branch No. 1 & 2	6-16-87	435	6.21	35.70	8.70
Stoner Nichols	4-17-88	182	2.60	38.30	3.74
" "	7-18-88	40	.57	38.87	.80
" "	7-18-88	97.17	1.39	40.26	1.94
Tanner, Hunt & Garrett	10-1-89	11	.15	40.41	.22
" " "	10-1-89	35	.50	40.91	.70
" " "	10-1-89	17	.24	41.15	.34
" " "	10-1-89	90	1.28	42.43	1.80
" " "	10-1-89	110	1.57	44.00	2.20
Covey System	5-10-90	65	.93	44.93	1.30
Cooper	8-27-92	206	2.94	47.87	4.12
Covey System	5-18-93	275	3.92	51.79	5.50
" "	6-20-94	320	4.57	56.36	6.40
Wheelock Lower	3-17-97	120	1.71	38.07	2.40 7.910
Covey System	5-31-97	514	7.34	65.41	-10.28
Morgan	6-17-98	118	1.68	67.09	2.38
Cooper	1-31-1900	135	1.92	69.01	2.70
Perry & Partridge	10-2-01	120	1.71	70.72	2.40
Covey System	4-21-02	34	.48	71.20	.68
Perry & Partridge	2-28-03	39.5	.57	71.77	.79
" "	2-28-03	52	.74	72.51	1.04
Emelle	2-28-03	258	3.68	76.19	5.16
"	2-28-03	50.5	.72	76.91	1.01
Progress	3-9-03	36	.51	77.42	.72
"	3-9-03	135	1.92	79.34	2.70
South Branch No. 1 & 2	5-30-03	115	1.64	80.98	2.30
Covey System	9-26-03	40	.57	81.55	.80
Martin	9-26-03	50	.71	82.26	1.00
"	9-26-03	1	.01	82.27	.02
Wheelock Lower	7-21-04	58	.82	83.09	1.16
Quinn Bourne	11-26-04	130	1.85	84.94	2.60
" "	11-26-04	135	1.92	86.86	2.70

SMITHS FORK - WYOMING
Lincoln County

(Rights Listed in Order of Priority)

Canal	Date	Acres	c.f.s.	Accum. c.f.s.	Basis 1 cfs/50 Ac.
Emelle	7-7-05	160	2.28	89.14	3.20
Button Flat	3-13-06	160	2.28	91.42	3.20
" "	3-13-06	185	2.64	94.06	3.70
Tanner, Hunt & Garrett	4-2-06	55	.78	94.84	1.10
Perry & Partridge	1-24-07	44	.63	95.47	.88
Emelle	1-24-07	80	1.14	96.61	1.60
"	1-24-07	68	.97	97.58	1.36
Cooper	9-23-07	25	.35	97.93	.50
Quinn Bourne	10-27-08	203	2.90	100.83	4.06
Covey System	3-9-09	164	2.34	103.17	3.28
" "	6-9-09	1,994.98	28.44	131.61	39.90
Stoner Nichols	9-20-09	2	.03	131.64	.04
Button Flat	2-4-10	77	1.10	132.74	1.54
Emelle	12-17-10	53	.76	133.50	1.06
"	12-17-10	155	2.21	135.71	3.10
Tanner, Hunt & Garrett	8-15-11	30	.43	136.14	.60
Cooper	9-5-11	60	.86	137.00	1.20
Wheelock Upper	9-5-11	185.62	2.65	139.65	3.71
Covey System	11-20-12	98.01	1.38	141.03	1.96
" "	8-30-13	116.50	1.67	142.70	2.33
Quinn Bourne	11-18-15	76	1.09	143.79	1.52
Emelle	10-17-16	34	.49	144.28	.68
Covey System	9-27-27	99.6	1.42	145.70	1.99
South Branch No. 1 & 2	8-26-37	82	1.17	146.87	1.64
Section Totals		10,298.88			206.09

TABULATION OF WATER RIGHTS FROM BEAR RIVER IN WYOMING IN ORDER OF PRIORITY. ADJUDICATED AREAS AND AMOUNTS OF APPROPRIATION FROM BOARD OF CONTROL RECORDS. IRRIGATED CULTIVATION AND IRRIGATED BRUSH AREAS FROM U.S. B.R. MAPS AND IN SOME CASES FROM EXAMINATION ON THE GROUND.

Note: Sym. Indicates Symbol used in tabulation and on U. S. B. R. Maps. Page indicates the Page number of the tabulation where the lands are described. Map refers to the U. S. B. R. map where the ditch is to be found. C.F.S. indicates the amount of the appropriation in cubic feet per second. ADJ. refers to the area adjudicated. PER refers to the area under permit not yet adjudicated. IRR. C. refers to irrigated cultivated and pasture areas. IRR. B. refers to irrigated brush areas. TOTAL indicates the total area irrigated, including municipal rights changed to acres for comparison herein which are shown thus*. **indicates lands located in Utah. *** indicates lands located in Idaho. *This appropriation has never been adjudicated for Utah lands but has diverted and used water each year.

NAME OF DITCH	PRIORITY	SYM.	PAGE	MAP	C.F.S.	ADJ.	PER.	IRR.C.	IRR.B.	TOTAL
Myers Irrigating	5-1-62	18-1	1	208	4.00	280		218	62	280
U.P.R.R.Pipe Line	1969	20-1	1	214	.60	*42		*42		*42
Bartlett Irrigating	10-1-71	49-1	1	218	1.44	101		108	10	118
S. P. Ditch	12-7-71	40-1	1	217	2.28	160		160		160
Knicker	1872	16-1	1	212	2.78	195		151	47	198
Bear River	1874	61-1	2	223-226	21.93	**1535		**1431	**30	**1461
Bear River	1874	61-1	2	222-223	1.05	74		135	61	196
Evanston Supply	1875	23-1	2	214	4.00	*280		*280		*280
<i>Rocky Mt</i> John Felter	1875	29-1	2-67	217	2.27	160		167	10	177
Evanston Water	3-28-75	26-1	3	214-216	11.60	813		500	190	690
John R. Richards	1878	83-1	3-4	255-256	4.33	304		248	46	294
<i>Bartons</i> Wilson Irrigating	1878	27-1	3	214	2.00	140		106		106
Fowkes	1878	54-1	4	220	3.32	233		200	23	223
Faulkner Terr.	1878	29-7	67	214	.25	18		16		16
<i>Ramsay or S.P.</i> Adin Brown	1878	40-2	67	218	.95	67		47	15	62
B.Q. Dam East	5-78	74-1	5	244-245 247-248	35.42	2480		2322	82	2404
Lee Ditch	1879	60-1	6	222-223	2.20	154		100	54	154
*Lee Ditch	1879	60-1	6	223	7.41	**519		**495	**24	**519
Pixley	1879	75-0	6	245-248	2.71	190		240		240
Richards	4-79	83-3	68	255	.07	5		5		5
Bowns-Bruce	1880	52-1	6-8	219	4.75	333		285	75	360
Pixley Irrigating	1880	75-1	7-8	248-249	30.57	2141		2339		2339
Bowns	1880	46-1	8	218	1.14	80		70	27	97
Morris Bros.	10-1-80	49-2	9-10	218-219-220	20.99	1472		1214	220	1434

NAME OF DITCH	PRIORITY	SYM	PAGE	MAP	C.F.S.	ADJ.	PER	IRR.C.	IRR.B.	TOTAL
Pixley	1881	75-2	12	248-249	11.40	798		830		830
O. E. Snyder Bear R.	5-30-81	80-1	12	255	5.07	355		484		484
<i>2000 to 81475</i> John Fielding	5-5-82	29-17	68	217	1.60	112.75		52	55	107
Acocks-Cowlshan	5-15-82	58-1	13	221	3.97	278		476		476
<i>Pixley</i> Mills-Tregea	10-17-82	75-4	13	250	4.57	320		573		573
B.Q.Dam Slough	4-1-83	72-1	14	244-245	28.64	2005		1646	71	1717
Cook Bros.	5-13-83	82-1	15-18	255	6.83	478.89		360	100	460
Cook Bros.	5-13-83	82-1	16-17-18	255-261-262	35.20	***2464.72		***2158	***280	***2438
Hare Ditch	5-8-83	13-1	18	212	.82	58		60	15	75
Blight Irrigating	Fall 83	57-1	19	220-221-222	5.16	362		360	5	365
Big Bend-	9-30-83	8-1	20	210	3.71	260		139	168	307
A. W. Sims	10-9-83	33-1	20	217	1.71	120		111	18	129
Fife Irrigating	5-1-84	30-1	21	217	.10	7.25		7		7
A. F. Sights	5-30-84	77-1	21-22	255	8.19	574		620		620
Island	1885	56-1	22	220-221	4.19	294		291	9	300
Slough	1885	103-1	68	220	1.28	90		112	8	120
<i>light</i> Coles Irrigating	7-20-85	57-3	23	221	1.32	93		145	15	160
Knight No. 2	1886	25-1	23	209	2.75	193		70	110	180
Sims-Blight and Turner	1886	45-1	23	218	3.77	265		300		300
Tunnel	1886	53-1	75	219	10.71	750		673	81	754
Wyman No. 1 East	5-1-86	79-1	24	254	3.35	235		115	25	140
Homer	5-86	9-1	24	211	.92	65		79	28	107
Fearne Irrigating	7-1-86	36-1	24	217	.57	40		45	10	55
Chapman	8-13-86	50-1	27-29	224-228	189.13	**13240 1:70		**5552		**5552
Chapman	8-13-86	50-1	24-25-26	218-220	16.46	1155		1200		1200
Wyman No. 2 West	10-10-86	78-1	29	254	1.00	70		297		297
<i>Pac</i> East	1887	40-7	30	219	1.14	80		68	24	92
<i>Sims</i> Rocky Mt. Bear R.	1887	104-1	69	217	2.18	153		143	43	186
Anel Irrigating	4-15-87	21-1	30	208-209	4.21	295		229	28	257
Christensen	1888	55-1	30	220	2.11	148		117	12	129
Evanston Water Supply	1888	23-3	31	214	1.57	110		118		118
Lewis & Blanchard	6-18-88	11-1	31	211	3.71	260		139	71	210
Garrett - ?	9-1-88	76-1	32	254	2.07	145		129	83	212
<i>Lyers #2</i> Morse-Coffman	9-23-88	12-3	32	212	2.42	170		172	5	177
<i>Have</i> Lewis	10-4-88	10-1	33	211	5.14	360		345	35	380
Knight No. 1	10-10-88	100-1	33	209-213	4.35	305		256	117	373
Tropic	1889	4-1	34	201	2.14	150		142		142
Crompton Irrigating	4-1-89	29-8	69	217	.92	64.6		82		82

NAME OF DITCH	PRIORITY	SYM	PAGE	MAP	C.F.S.	ADJ. PER.	IRR.C.	IRR.B.	TOTAL	3.
Booth	10-23-89	19-1	34	208-209-213	12.19	853	220		220	
Crown	10-5-90	6-1	34-35	210-211	9.69	680	657	69	726	
Pine Grove	10-13-90	6-2	35	206-211	14.61	1023	636	393	1029	
Russell	8-21-91	47-1	36	218	.21	15	12		12	
Almy	5-2-92	44-1-2	41-69	217-218	.97	68.5	68.		68	
Enl. Pine Grove	6-30-92	6-3	41	201	.21	15	24		24	
<i>Rocky Mtn</i> <i>Enl. Pine</i> Barnes	7-16-92	29-9	69	217	.08	6	5		5	
Evanston Water Supply	8-28-93	23-2	41	216	3.00	*210	*210		*210	
Faulkner	7-13-95	28-1	41-42	214	1.28	90	85	33	118	
Danielson	11-27-95	5-1	42	210	3.18	223	213		213	
J. Cunningham	1-13-96	32-2	70	217	.52	37	36		36	
Junction	1-17-96	102-1	70	217	2.85	200	160	20	180	
Durnford Danks	5-14-96	29-10	70	217	1.20	84	62	15	77	
Bruce-Barton	5-18-96	32-1	42	217	.78	55	37	11	48	
Longdon	3-20-97	29-18	42	217	.57	40	44		44	
Lyndon	5-24-97	29-11	70	217	.11	7.5	3		3	
McGraw	7-12-97	7-1	42	210	4.50	315	333	15	348	
Johnson-Narramore	9-9-97	31-1	43	217	1.02	72.7	55	12	67	
Danks	11-17-97	29-12	71	217	.27	19	11	6	17	
Coffman	2-3-98	14-1	43	212	2.57	180	123	63	186	
Enl. J. Cunningham	6-27-98	32-3	71	217	.34	24	25		25	
Enl. Rocky Mtn.	10-13-98	29-2	44	217	.90	63	66		66	
Enl. Lewis	4-20-1900	10-2	44	211	6.57	460	322	91	413	
John Sims	10-5-1900	39-1	44	217	.92	65	115		115	
Morganson	11-2-1900	106-1	71	217	1.14	80	67	29	96	
Enl. Adin Brown	11-15-1900	40-3	71-72	218	1.55	109	80	26	106	
Enl. Anderson	3-29-01	24-1	45	209-213	5.70	399	422		422	
McFarland	6-12-01	73-1	45-46	247	5.13	360	268		268	
Myers No. 1	8-7-01	17-1	46	207-208	4.35	305	278	16	294	
Enl. Tropic	10-19-01	4-2	46	201	1.82	128	103	22	125	
Myers No. 2	12-13-01	12-1	47	207-212	6.14	430	389	12	401	
U. P. R.R.Co.Millis	1-11-02				.27	*19	*19		*19	
Enl. Rocky Mtn.	5-10-02	29-3	47	217	1.50	105	113		113	
Enl. Fife Irr.	6-14-02	30-2	48	217	.23	16.12	13		13	
Enl. Pine Grove	4-13-03	6-4	48	210	2.21	155	137	30	167	
Whitaker Enl. Anel	4-19-04	21-2	48	208	.44	31.2	29		29	
Overflow	4-19-04	108-1	74	208	.11	8.2	12		12	
Bear	8-24-04	3-1	48-53	201-2-3-6-7	59.56	4177	3992	72	4064	
Enl. Felter	7-28-05	29-13	72	217	.08	6	6		6	
Turner	9-27-05	48-1	53-4	218	2.62	184	143	53	196	

NAME OF DITCH	PRIORITY	SYM	PAGE	MAP	C.F.S.	ADJ.	PER	IRR. C.	IRR.B.	TOTAL
Rocky Point	3-16-06	81-1	54	255	.77	54		102	35	137
Hickman	6-12-06	101-1	54	254	.50	35		70	5	75
Enl. Evanston W. Sup.	6-29-06	23-4	54	214	.57	40		60		60
Enl. Danielson	7-1-07	5-2	55	210	2.25	158		135		135
Enl. Pixley	8-3-07	75-3	55	249	.08	6				
Enl. Crown	1-6-09	6-5	56	211	5.73	401		366	20	386
Saxton-Thomas	3-19-08	42-1	56	217	1.68	118		177	12	189
Enl. Sims-Blight-Turner	1-20-09	45-2	56	218	.44	31		30		30
Enl. Rocky Mountain	8-5-09	29-4	56	217	.99	69		63		63
Enl. Adin Brown	11-26-09	40-5	76	218	.30	---	20	22	3	25
Big Bend	9-7-10	8-2	57	210	6.68	468		315	91	406
Enl. Felter	12-21-10	29-16	76	217	.01	---	.86		1:	1
Enl. Johnson-Narrymore	3-11-11	31-2	57	217	.20	14		14		14
Enl. Richards Irr.	5-29-11	83-2	57	256	1.03	72		104	21	125
Choong	7-5-11	x-1	58	217	.03	2.24		2		2
Noblitt-Truitt No. 5	9-5-11	109-1	76	---	3.01	---	211	200		200
Davis	11-11-11	107-1	72	217	.03	2		2		2
Enl. Chapman	4-12-12	50-5	76	220	.57	---	40	30		30
Enl. Chapman	5-3-12	50-2	58	224-224A	3.43	**239.8		**79		**79
Enl. Chapman	5-21-12	50-3	59	224-224A	11.39	**796.3		**596		**596
Enl. Tunnel	7-15-12	53-3	60	220	.54	38		38		38
Cornelison	9-28-12	22-1	60	209	.39	27.5		34		34
Enl. Chapman	2-6-13	50-4	60	219	.79	55		38		38
Enl. Rocky Mtn-Blyth	12-4-14	29-5	60	217	1.04	73		99		99
Enl. Crompton	12-4-14	29-14	72	217	.27	19		19		19
Enl. Evanston Water	9-22-15	26-2	61-62	216-217	16.33	1143		965		965
Enl. Felter	3-28-16	29-15	72	217	.17	12		10		10
Enl. Cornelison	6-15-16	22-2	62	209	.54	38		16	19	35
Enl. Cornelison	8-15-16	22-3	62	209	.14	10		10		10
Enl. Adin Brown	10-13-16	40-4	73	219	.60	42		39	30	69
Enl. Tropic	9-13-17	4-3	63	201	4.48	313.38		310		310
Wadsworth	8-9-18	110-1	76	214	.11	---	8	8		8
Neville	3-25-20	40-6	63	218	.74	52		45		45
Enl. R. M. Blyth	6-11-20	29-19	77	217	.57	---	40	22	33	55
Enl. Neville	7-26-20	40-7	63	218-219	.96	67		77		77
Enl. Evanston W. Sup.	9-10-21	23-5	64	214	.21	15		9	6	15
Enl. Neville	8-16-22	40-8	77	218	.66	---	46	51		51
Nixon	4-30-25	111-1	77	218	.57	---	40	40		40

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NAME OF DITCH	PRIORITY	SYM	PAGE	MAP	C.F.S.	ADJ.	PER	IRR.C.	IRR.B.	TOTAL
Sims, Blight & Turner Nixon W. Side	8-21-26	112-1	77	218	.44	---	30.5	30		30
Enl. Junction	2-10-28	102-2	66	217	S.S.					
Pump	4-24-30	113-1	78	250	2.24	---	157	179		179
Enl. Bear	5-17-30	3-4	64-5 78-9	203-206 207-208	12.04	464.2	378.8	680		680
Enl. Bear	11-14-30	3-5	79	201	.57	---	40	37		37
Enl. Bear	1-10-31	3-6	79	201-206	1.19	---	83.1	60		60
Enl. Evanston W. Sup.	9-28-33	23-6	65	214	.50	35		76		76
Enl. Myers No. 2	3-28-39	12-2	79	212	.64		45	17	28	45

5.

RESERVOIRS (ADJUDICATED)

Pacific Fruit Co. Dam Res.	Priority 1-19-11	Map 214	118 Acre Feet	Enl. Crompton Res.	Priority 11-13-34	79.46 Acre Feet
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RECAPITULATION

Total area adjudicated for ditches diverting in Wyoming.....	54,929.05
Total area under permit.....	1,140.26
Total area having a water right diverting in Wyoming.....	56,069.31
Total adjudicated area, (Wyoming diversions) for Wyoming lands.....	36,134.23
Total adjudicated area, (Wyoming diversions) for Utah lands.....	16,330.10
Total adjudicated area, (Wyoming diversions) for Idaho lands.....	2,464.72
Total adjudicated area, (Wyoming diversions) for Wyoming, Utah and Idaho lands..	54,929.05
Total irrigated in Wyoming exclusive of Utah diversions.....	37,482.00
Total irrigated in Utah, water diverted in Wyoming.....	8,207.00
Total irrigated in Idaho, water diverted in Wyoming.....	2,438.00
Total irrigated in Wyoming, Utah and Idaho from Wyoming diversions.....	48,127.00
Total irrigated cultivated and pasture.....	44,443.00
Total irrigated brush land not including sage brush.....	3,684.00
Total irrigated area in Wyoming, Utah and Idaho with water diverted in Wyoming..	48,127.00
Total Cubic Feet per Second (Adjudicated & permit).....	804.84
Total Reservoir Storage (Adjudicated).....	197.46 Acre Feet

STATE ENGINEER'S OFFICE
 Cheyenne Wyoming
 February 3, 1947