FINANCIAL STATEMENT

The 1931 Pit River Water Users Agreement provided for a charge of $450.00 to be paid to the Division of Water Resources as the water users' share of the cost of water supervisor service for the 1931 season. This amounted to a charge of 7½ cents per acre of irrigated land. Assessment of this charge to the water users and the collection of the amounts assessed were attended to by the Board of Directors of the Big Valley Water Users Association.

The $450.00 thus collected was payed to the Division and, together with an equal sum contributed by the Division, was expended to defray the cost of water supervision in Big Valley.

TABLES

TABLE 1

PRECIPITATION

Daily precipitation, in inches, at Bieber, elevation 4200 feet, for the year ending September 30, 1931

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Season
1	—	—	T	.44	—	—	T	.03	—	—	—	—	
2	—	—	—	.42	—	—	—	.11	—	—	—	—	
3	—	—	—	.11	—	—	—	—	T	—	—	—	
4	—	—	—	T	—	—	—	—	T	—	—	.22	
5	—	—	—	T	—	—	—	—	—	—	—	—	
6	—	—	—	T	—	—	—	—	—	—	—	—	
7	—	—	—	.03	—	—	—	—	T	—	—	—	
8	.04	.10	—	—	T	—	—	—	—	—	—	—	
9	—	—	—	—	—	.12	—	—	.10	—	—	.15	
10	—	—	—	—	—	T	—	—	—	—	—	—	
11	—	—	.09	—	—	.27	T	—	—	—	—	—	
12	.21	—	.13	—	—	.04	T	—	—	—	T	—	
13	—	.20	—	—	—	—	.14	.16	—	—	—	—	
14	—	—	—	—	.54	—	T	.03	—	—	—	—	
15	—	.24	—	—	.16	T	—	—	.03	—	—	—	
16	—	.29	—	.10	—	.30	—	—	.03	—	.04	—	
17	—	.02	—	—	T	.09	—	—	—	—	—	.04	
18	—	.05	—	—	.60	—	—	—	.10	—	—	.15	
19	—	—	—	—	.62	—	—	—	—	—	—	.03	
20	—	—	—	—	—	—	—	—	T	—	—	—	
21	—	—	—	—	—	.21	—	—	—	—	—	—	
22	—	—	—	T	—	.19	—	—	—	—	—	—	
23	—	—	—	.22	T	—	—	—	—	—	—	—	
24	.19	—	—	—	—	T	—	.03	—	—	—	—	
25	—	—	—	—	—	—	—	.33	—	—	—	—	
26	—	—	—	—	.06	—	T	.16	—	—	—	—	
27	—	—	—	—	.01	T	T	—	—	—	—	—	
28	—	—	—	—	—	.23	T	—	—	—	—	—	
29	—	—	—	—		—	.03	—	—	T	—	—	
30	—	—	—	—		—	.03	—	—	—	—	—	
31	—		T	—		—		—		—	—		
Total	.43	.90	.23	1.23	1.38	1.44	.26	1.37	.81	T	.04	.59	8.98

TABLE 2

SNOW SURVEY DATA FOR UPPER PIT RIVER WATERSHED COURSES

1931

With 1930 Comparison of Water Content

Snow Course	Location	Elevation	Date of Survey	Depth of Snow Inches	Density per Cent	Water Content Inches	Water Content Last Year Inches
Eagle Peak	4 miles east of Jess Valley	7500	4-1-31	15.3	39.1	5.2	11.0
Cedar Peak	2½ miles N. E. of Cedar Pass	7200	3-31-31	22.1	37.6	8.3	13.0
Adin Mountain	8 miles east of Adin	6300	3-27-31	6.1	47.5	2.9	6.1

TABLE 3

Daily discharge, in second feet, of PIT RIVER at GOUCHER BECK, for the year ending September 30, 1931.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Remarks
1	18	56	82	62	126	50	16	8.5	5.0	5.3	1.5	0.2	
2	18	74	92	61	135	45	15	10	4.9	5.0	1.4	.2	
3	16	67	80	84	127	44	14	24	14	4.7	1.3	.3	
4	16	61	78	82	123	44	13	18	15	4.5	1.2	.3	Disch-
5	16	58	77	87	121	39	12	15	11	4.0	1.1	.4	arge
6	16	60	76	90	117	30	12	13	9.8	3.7	1.0	.4	estimated
7	17	51	75	95	106	28	12	11	9.4	3.5	.9	.5	July 19
8	18	53	76	99	99	30	11	10	9.6	3.2	.8	.5	to
9	21	55	78	99	96	33	11	8.8	9.0	3.1	.8	.6	Sept.30
10	19	55	82	92	70	32	10	7.6	8.6	2.7	.7	.6	as based
11	18	56	79	90	60	34	10	6.4	8.0	2.5	.6	.7	upon ob-
12	19	59	87	105	67	173	10	6.0	7.7	2.2	.5	.7	servations
13	22	66	85	96	71	205	10	6.0	7.0	2.0	.5	.8	of flow
14	20	62	82	88	77	130	10	6.5	6.5	2.2	.4	.8	Aug. 15,
15	18	61	70	90	83	54	10	7.0	6.7	3.0	.4	.9	22 and
16	20	67	83	99	82	42	9.7	6.4	7.2	2.8	.4	.9	29 and a
17	23	72	91	99	74	42	9.4	5.6	7.4	2.8	.4	1.0	current
18	53	75	78	103	83	79	9.1	5.0	7.2	2.6	.3	1.0	meter
19	39	76	74	106	166	91	8.5	5.0	6.8	2.6	.3	1.2	gaging
20	37	74	72	108	133	47	8.5	5.0	6.4	2.5	.3	1.2	Oct. 2,
21	31	74	70	104	111	39	7.9	5.0	5.8	2.4	.2	1.3	1931.
22	37	72	82	97	111	97	7.9	5.0	4.9	2.3	.2	1.3	
23	44	72	62	167	112	67	7.9	5.0	4.3	2.2	.1	1.4	
24	42	69	84	180	100	44	7.9	5.0	3.7	2.2	.1	1.4	
25	46	71	72	132	74	31	7.9	5.0	7.9	2.1	.1	1.4	
26	49	70	67	146	55	25	7.6	5.0	10	2.0	.1	1.5	
27	50	76	67	146	67	22	7.6	5.0	9.0	1.9	.1	1.5	
28	49	79	65	147	59	21	7.3	5.0	7.7	1.8	.1	1.5	
29	49	83	65	140		21	7.3	5.0	6.5	1.7	.0	1.6	
30	49	77	63	139		19	7.6	5.0	5.6	1.6	.1	1.6	
31	50		60	139		17		5.0		1.6	.1		
Total	940	2001	2354	3372	2705	1643	298.1	239.8	230.8	86.7	16.0	27.7	Year
Mean	30.3	66.7	75.9	109	96.6	53.1	9.94	7.74	7.69	2.80	.52	.92	38.1
Maximum	53	83	92	180	166	205	16	24	14	5.3	1.5	1.6	205
Minimum	16	51	60	61	55	17	7.3	5.0	3.7	1.6	.0	.2	.0
Total Acre Feet	1860	3970	4670	6690	5360	3260	591	476	458	172	31.7	54.9	27,600.

TABLE 4

Daily discharge, in second feet, of PIT RIVER at MUSIC VALLEY, for the year ending September 30, 1931.

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Remarks
1	0.8	36	68	64	193	84	44	1.8	1.3				
2	.6	21	68	50	175	67	36	1.8	.2				
3	.5	19	71	53	155	61	37	1.4	.1				
4	.4	33	74	44	133	52	36	1.0					
5	.4	32	72	62	133	34	30	.9					
6	3.7	30	78	51	149	32	24	.8					
7	7.4	20	81	52	141	32	22	.6					
8	5.4	18	72	54	126	31	18	.7					No flow on days for which discharge is not given.
9	3.8	24	60	60	122	30	15	.7					
10	2.2	30	74	65	117	25	14	.7					
11	1.4	33	70	65	108	21	14	.8					
12	5.0	39	70	61	90	16	3.8	.3					
13	12	45	77	63	84	20	3.8	.0					
14	20	53	77	72	90	35	2.6	1.6					
15	24	43	78	72	109	36	2.2	2.0					
16	16	52	81	73	120	33	4.6	2.2					
17	37	52	72	71	120	60	5.0	1.8					
18	40	53	63	77	124	39	2.4	1.0					
19	41	66	75	75	167	25	2.0	.9					
20	46	70	72	77	264	38	2.0	.8					
21	40	65	82	84	238	52	1.4	.7					
22	40	63	59	94	188	72	1.6	.6					
23	45	65	42	101	167	60	16	.5					
24	38	62	42	123	148	50	6.2	.5					
25	37	61	38	254	132	37	1.6	.6					
26	39	60	42	193	117	77	.8	1.0					
27	37	63	62	185	96	61	1.0	.8					
28	39	64	62	198	94	73	1.6	.6					
29	39	69	59	201		59	2.2	.6					
30	30	66	57	195		49	2.2	.5					
31	26		61	190		46		.4					
Total	675.0	1423	2007	3097	3839	1457	337.0	20.9	.6				Year
Mean	21.8	47.4	66.7	99.6	141	47.0	11.3	.96	.02				35.7
Maximum	46	70	82	254	264	87	44	2.2	.3				264
Minimum	.4	19	38	44	84	16	.8	.4	.0				.0
Total Acre Feet	1340	2820	4100	6120	7610	2890	708	59.5	1.19				25,800.

TABLE 5

TOTAL ACREAGES IRRIGATED BY WATER DERIVED ON PIT RIVER IN BIG VALLEY

NAME OF OWNER	TOTAL ACREAGES IRRIGATED
Ralph D. and Truman A. Oilar	756
W. H. Gerig	169
G. L. Kramer	452
Peter Gerig	264
J. H. Hollenbeak (Jack Menzer) . .	136
Lester A. Babcock	78 **
Ernest Babcock	275 **
A. Babcock	420 **
M. M. Merritt	460 **
M. M. Merritt	12 *
James H. Hall	497
Mrs. Dolly Knox	180
J. Wallson	111
H. C. Watson	61
A. C. Schow	27
Dan Fox	146
A. A. Kardoff	15
Peter Kreg Co.	131
Peter Kreg Co.	210 *
E. & S. Wolfin	31
M. Hollenbeak (Hatfield)	113
G. W. Gerig (K. Gerig)	320
A. E. DeLange (F. Iverson)	176
R. McArthur	794
A. F. Babcock	160
Babcock Bros.	171
Antone Avilla	736
H. Wool (Red River Lumber Co.)	153
W. L. Campbell	40
S. J. Thompson	79
S. A. Jones	255
TOTAL	7397

* This area surrounded by Hubieber flood protection levee.

** Includes area served by Babcock Ditch.

TABLE 6

CROP YIELDS ON TYPICAL LANDS IN BIG VALLEY

Irrigated With Pit River Water
As Reported by Water Users

1930 - 1931

NAME	1930 Crop	1930 Acres	1930 No. of Irrs	1930 Yield Tons	1930 Yield Sacks	1930 Yield Per Acre Tons	1930 Yield Per Acre Sacks	1930 Remarks	1931 Crop	1931 Acres	1931 No. of Irrs	1931 Yield Tons	1931 Yield Sacks	1931 Yield Per Acre Tons	1931 Yield Per Acre Sacks	1931 Remarks
Babcock Bros.	Alf.	180	3	325		1.8		Better than normal	Alf.	200	1	200		1.0		½ normal
	M.H.	300	3	350		1.2			M.H.	300	1	80		0.3		
	Wht.	85			900		10.6		Wht.	90			210		2.3	
	Past.	400							Past.	300						
	Cattle 205 - April to Fall								Cattle 125 - April to Fall							
Gerig, Peter	M.H.	265	4	400		1.5		Practically normal	M.H.	265	1.5	179		0.7		3/8 normal
Holl, James	M.H.	250	3	200		0.8		½ normal	M.H.	125	1	80		0.6		1/10 normal
	Past.	60							Past.	60	Pastured all year					
Jones, E. A.	M.H.	75	1	75		1.0		½ normal	M.H.	75	1	1/8		0		No water
Kramer, G. L.	M.H.	300	2	300		1.0		½ normal	No land irrigated.							No water
	Cattle 150 - April to Dec. 15															
*Kramer, G. L.	M.H.	800	3	900		1.1		3/4 normal	M.H.	900	3	1000		1.1		3/4 normal
	Cattle 700 - April to Dec. 15.								Cattle 500 - Aug. to Oct.							

TABLE 6 (Continued)

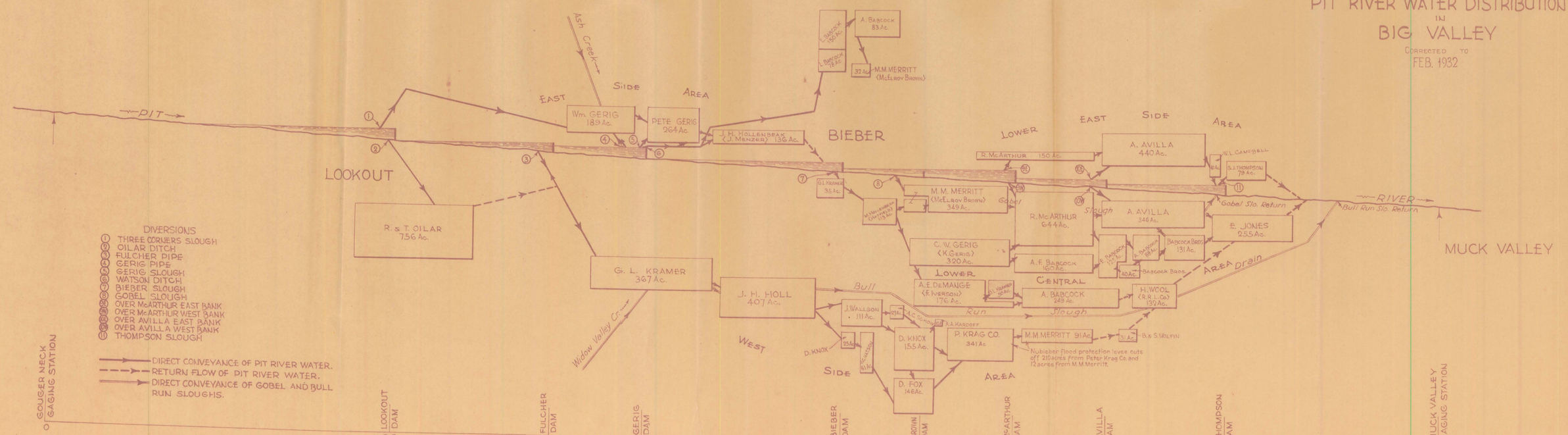
FARM	1930 Crop	Acres	No. of Hrs	Yield Tons	Yield Sacks	Yield Per Acre Tons	Yield Per Acre Sacks	Remarks	1931 Crop	Acres	No. of Hrs	Yield Tons	Yield Sacks	Yield Per Acre Tons	Yield Per Acre Sacks	Remarks
Menser, J. T.	G.H.	50	1	3		0.1		½ normal	G.H.	75	1	3		0.04		1/3 normal
	M.H.	150	3	150		1.0			M.H.	150	3	150		1.0		
	Wht.	50	1		15		0.3		Wht.	50	1		20		0.4	
	Cattle 100, Horses 12, Hogs 80--April to Dec.								Cattle 100, Horses 12, Sheep 1500, Hogs 30-April to Dec							
Robinson, E.G. and Elliott	Orch.	1	2					Normal	Orch.	1	2					Normal
	Gar.	0.25	10						Garden	0.75	10					
	Pot.	0.25	4		25		100.0		Pot.	0.25	4					
Thompson, S.J.	M.H.	80	2	50		0.6		3/4 normal	M.H.	80	1	20		0.25		1/3 normal
*Water From Widow Valley Creek																

AVERAGE YIELDS		1930 No. of Hrs	1930 Yield Per Acre Tons	1930 Yield Per Acre Sacks	1930 Remarks	1931 No. of Hrs	1931 Yield Per Acre Tons	1931 Yield Per Acre Sacks	1931 Remarks
Alfalfa -	Alf.	3.0	1.8		About Normal Supply	1.0	1.0		About 1/4 normal Supply
Grain Hay -	G.H.	1.0	0.1			1.0	0.04		
Meadow Hay -	M.H.	2.6	1.1			1.6	0.6		
Wheat -	Wht.	1.0		6.8		1.0		1.6	
Potatoes -	Pot.	4.0		100.0		4.0			

PLATES

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER RESOURCES

SCHEMATIC DIAGRAM
SHOWING

PIT RIVER WATER DISTRIBUTION IN BIG VALLEY

CORRECTED TO
FEB. 1932