FORM 7-120
REV 3-50
BUREAU OF RECLAMATION

COMPUTATION SHEET

GPO 857487

BY _____ DATE _____ PROJECT Duchesne River Area SHEET No. _____ OF _____

CHKD. BY _____ DATE _____ FEATURE Canal Reabilitation JOB No. _____

OFFICE _____ DETAIL Seepage Loss Study FILE No. _____

Canal	Reach	Measurement No.	Date	Flow at Head	Flow at End	(cfs) Loss	% Loss	Gain	% Gain
Big Springs (95 acres)	1	1	5/28/69	9.64	6.90	2.74	28.4		
		2	6/2/69	9.49	7.40	2.09	21.6		
		3	6/11/69	7.68	6.15	1.53	19.9		
	2	1	5/28/69	4.32	2.33	1.99	46.1		
		2	6/2/69	5.77	3.42	2.35	40.7		
		3	6/16/69	4.57	2.89	1.68	36.8		
Rhoades (199 acres)	1 (19 mi.)	1	5/26/69	46.86	39.14	7.72	16.5		
		2	6/2/69	52.14	43.86	8.28	15.9		
		3	6/11/69	43.76	39.97	3.79	8.7		
		4	7/19/69	38.23	38.21	.02	.1		
		5	7/17/69	37.58	36.16	1.42	3.8		
		6	7/21/69	36.53	41.47			4.94	13.5
Turnbow (98 acres)	1	1	6/15/69	6.81	5.11	1.70	25.0		
		2	7/10/69	3.90	2.42	1.48	26.9		
		3	7/17/69	2.26	1.52	.74	32.7		
		4	7/24/69	5.03	3.97	1.06	21.1		
		5	7/31/69	3.45	2.07	1.38	40.0		
		6	8/5/69	1.46	1.07	.39	26.7		
Jessop-Thomas (128 acres)	1	1	7/8/69	10.71	10.93			.22	2.1
		2	7/17/69	7.51	6.98	.53	7.1		
		3	7/19/69	9.17	9.06	.11	1.2		
		4	7/21/69	6.40	6.83			.43	6.7
		5	7/24/69	9.40	8.50	.90	9.6		
		6	7/31/69	8.42	8.74			.32	3.8

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Canal	Reach	Measurement No.	Date	Flow at Head	Flow at End	cfs Loss	% Loss	cfs Gain	% Gain
Farm Creek (769 acres)	1	1	7/10/69	25.15	22.29	2.86	11.4		
		2	8/13/69	11.65	10.81	.84	7.2		
		3	8/19/69	10.68	10.28	.40	3.7		
		4	8/26/69	10.27	9.62	.65	6.3		
		5	8/19/66	12.41	9.31	3.10	25.0		
	2	1	7/10/69	9.53	8.87	.66	6.9		
		2	8/13/69	2.41	3.36			.95	39.4
		3	8/19/69	5.33	4.80	.53	9.9		
		4	8/26/69	5.18	2.81	2.37	45.8		
		5	8/19/66	4.30	5.60			.80	16.7
Tabby (505 acres)	1	1	7/14/69	28.71	17.97	10.74	37.4		
		2	7/28/69	17.03	13.17	3.86	22.7		
		3	8/4/69	14.07	13.60	.47	3.3		
		4	8/18/69	11.57	10.69	.93	8.0		
		5	8/31/69	9.74	8.89	.90	9.2		
	2	1	7/14/69	17.97	17.81	.16	1.3		
		2	7/28/69	13.17	13.19			.02	.2
		3	8/4/69	13.60	14.09			.49	3.6
		4	8/18/69	10.69	10.75			.11	1.0
Hicken (251 acres)	1	1	7/14/69	1.96	1.90	.06	3.1		
		2	7/21/69	2.34	2.34	0	0	0	0
		3	7/28/69	3.52	3.31	.21	6.0		
		4	8/4/69	3.03	3.22			.19	6.3
		5	8/11/69	3.19	3.70			.51	16.0

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OFFICE _____ DETAIL Seepage Loss Study FILE No. _____

Canal	Reach	Measurement No.	Date	Flow at Head	Flow at End	c.f.s. Loss	% Loss	cfs Gain	% Gain
Broadhead	1	1	5/22/69	7.75	8.95			1.20	15.5
(184 acres)	(1.5 mi)	2	6/16/69	3.23	3.75			.52	16.1
		3	7/14/69	6.74	5.09	1.65	24.5		
(S.6 16 E 17)		4	7/28/69	5.09	5.11			.02	.4
		5	8/11/69	3.90	3.61	.29	7.4		
		6	8/25/69	6.40	4.95	1.45	22.7		
	2	1	6/16/69	3.75	3.34	.41	10.9		
(S.6 17 & 18)	(1.2 mi)	2	7/14/69	5.09	4.80	.29	5.7		
		3	7/28/69	5.11	4.81	.30	5.9		
		4	8/11/69	3.61	3.60	.01	.3		
		5	8/25/69	4.95	4.61	.34	6.9		
Pioneer	1	1	6/22/69	17.24	15.11	2.13	12.4		
(683 acres)	(2.4 mi)	2	7/13/69	21.34	20.78	.56	2.6		
(S.6 18 & 20)		3	7/27/69	19.68	19.01	.67	3.4		
		4	8/17/69	10.98	8.09	2.89	26.3		
(S.6 20 & 21)	2	1	5/22/69	11.43	13.33			1.90	16.6
	(1.4)	2	6/22/69	15.11	16.53			1.42	9.4
		3	7/13/69	20.78	20.67	.11	.5		
		4	7/27/69	19.01	18.63	.38	2.0		
		5	8/3/69	9.80	11.15			1.35	13.8
		6	8/17/69	8.09	7.90	.19	2.3		

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GPO 85784

BY _____ DATE _____ PROJECT DUCHESNE RIVER AREA SHEET No. _____ OF _____

CHKD. BY _____ DATE _____ FEATURE CANAL REABILITATION JOB No. _____

OFFICE _____ DETAIL SEEPAGE LOSS STUDY FILE No. _____

CANAL	REACH	MEASUREMENT No.	DATE	FLOW AT HEAD	FLOW AT END	(cfs) LOSS	% LOSS	cfs GAIN	% GAIN
MURRY-WHITE	1	1	7/13/64	11.63	12.44			.81	7.0
(413 ACRES)	(.7 MI)	2	7/20/64	11.08	10.91	.17	1.5		
(55 [illegible])		3	7/27/64	10.52	11.71			1.19	11.3
		4	8/3/64	12.74	12.37	.37	2.9		
		5	8/10/64	8.54	8.72			.18	2.1
		6	8/17/64	9.23	9.44			.21	2.3
		7	8/24/64	6.71	7.02			.31	4.6
ROCKY-POINT									
(1,609 ACRES)	1	1	4/27/64	26.77	26.27	.50	1.9		
([illegible])	([illegible])	2	5/1/64	36.15	34.23	1.92	5.3		
		3	6/22/64	44.08	42.04	2.04	4.6		
		4	7/6/64	51.37	45.63	5.74	11.2		
		5	7/13/64	51.27	43.53	7.74	15.1		
		6	7/20/64	38.34	32.82	5.52	14.4		
		7-R	7/27/64	37.9	33.0	4.9	12.9		
ROCKY-POINT	2	1	4/30/64	7.68	6.09	1.59	20.7		
(UPPER CANAL)	([illegible])	2	5/1/64	8.08	5.69	2.39	29.6		
([illegible])		3	6/5/64	9.24	8.81	.43	4.7		
		4	6/22/64	10.89	8.95	1.94	17.8		
		5	7/6/64	11.21	8.11	3.10	27.7		
		6	7/13/64	9.26	6.77	2.49	26.9		
		7-R	7/27/64	7.0	5.9	1.1	15.7		
TAYLOR	1	1	5/1/64	106.76	106.63	.13	.1		
(7,250 ACRES)	([illegible])	2	5/11/64	123.55	120.12	3.43	2.8		
([illegible])		3	7/6/64	170.92	170.56	.36	.2		
		4	7/23/64	104.43	94.01	10.42	10.0		
		5	7/27/64	102.95	98.69	4.26	4.1		
		6	8/5/64	90.37	86.96	3.41	3.8		
		7-R	8/27/64	50.5	47.2	3.3	6.5		
		8-R	9/25/64	58.1	54.5	3.6	6.2		

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OFFICE _____ DETAIL Seepage Loss Study FILE No. _____

Canal	Reach	Measurement No.	Date	Flow at Head	Flow at End	cfs Loss	% Loss	cfs Gain	% Gain
Duchesne	1	1	4/28/69	48.89	47.02	1.87	3.8		
Feeder		2	5/19/69	85.78	81.73	4.05	4.7		
(242 acres)		3	6/1/69	66.51	64.44	2.07	3.1		
		4	6/19/69	79.41	79.84			.43	.5
Duchesne		5	7/9/69	100.24	101.84			1.60	1.6
Irr. Co.		6	7/19/69	104.50	111.58			7.08	6.8
(363 acres)		7	7/20/69	86.68	82.71	3.97	4.6		
		8-R	9/29/69	56.6	54.2	2.4	4.2		
	2	1	4/28/69	47.29	49.63			2.34	4.9
		2	5/19/69	67.25	66.57	.68	1.0		
		3	6/1/69	61.40	62.44			1.04	1.7
		4	6/19/69	63.27	66.37			3.10	4.9
		5	7/9/69	104.48	95.52	8.96	8.6		
		6	7/16/69	85.66	85.89			.23	.3
		7	7/20/69	78.90	73.27	5.63	7.1		
Midview	1	1	6/5/69	69.59	68.80	.79	1.1		
Lateral		2	6/17/69	75.99	76.80			.81	1.1
(18 acres)		3	6/24/69	78.18	78.02	.16	.2		
		4	7/16/69	81.97	81.96	.01	0		
		5	7/23/69	56.25	51.32	4.93	8.8		
		6	7/29/69	46.79	45.22	1.57	3.4		