9-213-A

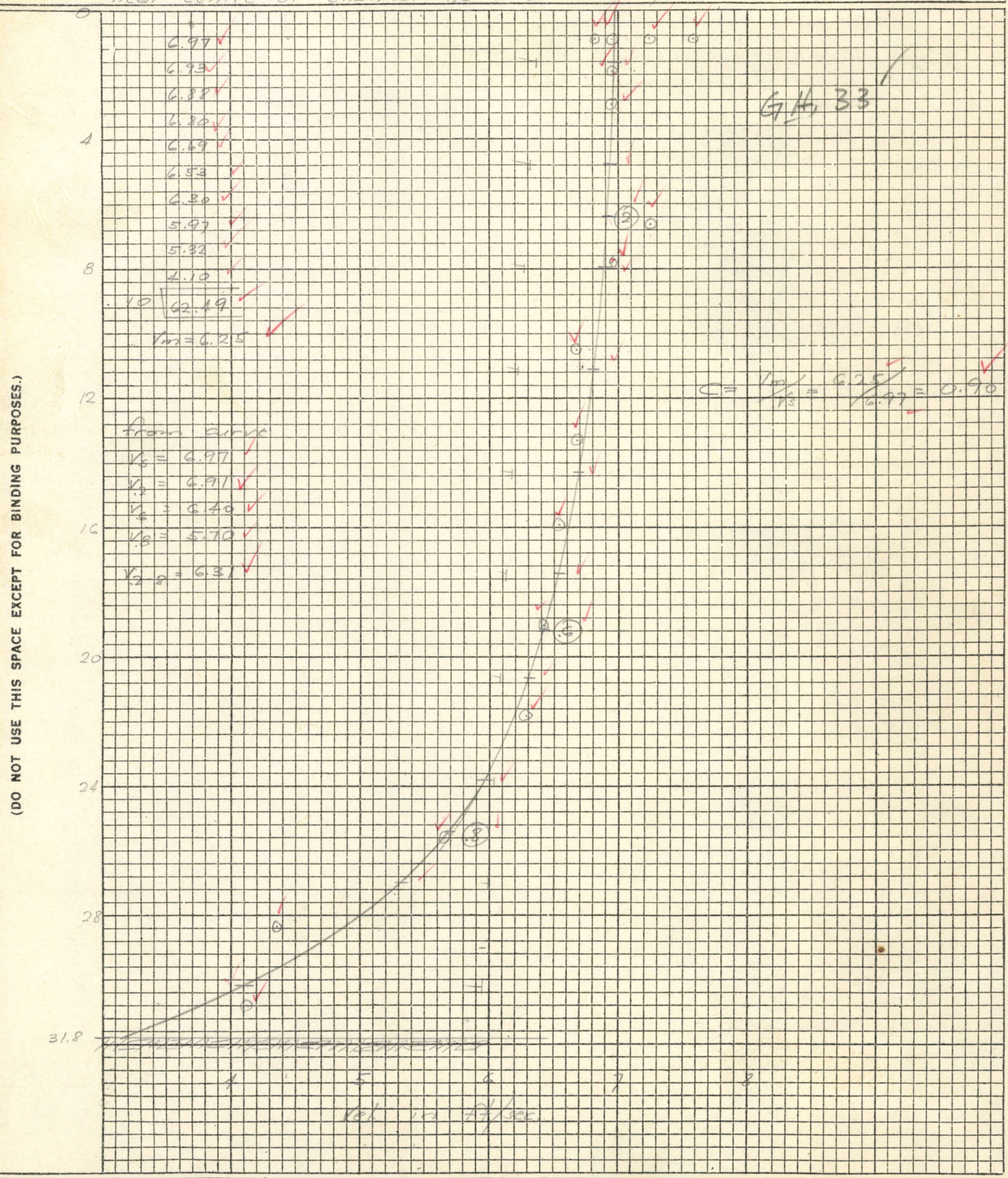
April 28, 1942

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

File Number { Washington _____ / District _____

Brazos River at Richmond, Tex. Sta 250 at cableway

near centre of channel no effect from piers



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July, 1914. Sheet No. 1 of 2 Sheets. Prepared by WHG Date 5/11/42 Checked by L.L.McD Date 7/21/42

9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 4-28-42, 19 ___ **DISCHARGE MEASUREMENT NOTES**

Brazos River, at Richmond, Tex.

Dist. from initial point	Angle coefficient *	Depth	Depth of observation	Revolutions	Time in seconds	VELOCITY At point	VELOCITY Mean in vertical	VELOCITY Mean in section	Area	Mean depth	Width	Discharge
100 Cl.0		* Drag in ft				dist. to		W.S.	= 20	Meter rated		1951 9-18-40
		Sta	250 ~~250~~ (Recis)									
10:50 am								Vert *	Air Corr	W-L D	Water Corr	Corr depth
	2		1.0	150	49		6.81	6°	.1	–	–	0.9
	7	33.6						19°	1.2	32.4	.6	31.8
	7		32.6	100	54		4.12	19	1.2	31.4	.6	30.8
	7		30.0	100	51		4.36	19	1.2	28.8	.5	28.3
	6	(.8) 2	26.9	150	59		5.65	17	.9	26.0	.4	25.6
	6		23.0	150	53		6.29	17	.9	22.1	.3	21.8
	6	(.6) 2	20.2	150	52		6.41	17	.9	19.3	.3	19.0
	6		17.0	150	51		6.54	17	.9	16.1	.2	15.9
	5		14.0	150	50		6.67	14	.6	13.4	.1	13.3
	4		11.0	150	50		6.67	11	.4	10.6	.1	10.5
	3		8.0	150	48		6.95	~~8~~ 9	~~.2~~ 3	7.~~8~~	–	7.~~8~~ 7
	2	(.2) 2	6.7	150	46		7.25	6	.1	6.6	–	6.6
	2		3.0	150	48		6.95	6	.1	2.9	–	2.9
	2		2.0	150	48		6.95	6	.1	1.9	–	1.9
	2		1.0	150	44		7.58	6	.1	.9	–	.9
	2		1.0	150	46		7.25	6	.1	.9	–	.9
	2		1.0	150	48		6.95	6	.1	.9	–	.9
11:10												
		About centre of channel										
		free from pier disturbance.										

No. 2 of 2 Sheets. Comp. by WHG Chk. by L.L. McD.

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9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

85 •

Date 4-28-42, 19 ___ **DISCHARGE MEASUREMENT NOTES**

Brazos River, at Richmond, Tex.

90 •

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	2	.2 2	6.7	150	46		7.25	6	.1	6.6	–	6.6
	2		3.0	150	48		6.95	6	.1	2.9	–	2.9
	2		2.0	150	48		6.95	6	.1	1.9	–	1.9
	2		1.0	150	44		7.58	6	.1	.9	–	.9
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