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9-275
January 1935

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Meas. 188

Date 2-4-41, 19 ___ DISCHARGE MEASUREMENT NOTES

Brazos River, at Richmond, Tex.

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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
483			.2				0	-.44	42			-20
470							-.88	-.44	40			-20 / -40
465							0	1.42	191			270
450							2.83	3.13	323			1010
430							3.43	3.60	347			1250
410							3.77	4.26	389			1660
390							4.74	4.96	430			2130
370							5.19	5.62	457			2570
350							6.05	6.36	468			2980
330							6.67	6.60	469			3100
310							6.54	6.82	476			3250
290							7.10	7.35	489			3590
270							7.60	7.59	496			3760
250							7.58	7.26	510			3700
230							6.95	7.10	525			3730
210							7.26	7.26	529			3840
190							7.26	7.10	550			3900
170							6.95	6.34	579			3670
150							5.74	5.19	580			3010
130							4.64	4.96	555			2750
110							5.28	5.12	462			2360
90							4.96	2.48	277			690
70							0	0	34			0
62			2				0		9218			53160

Q = 49,600

$V_{.2-8}$ = 5.38 / $V_{.2}$ = 5.77 = .932

$V_{.2-8}$ = 5.38 / $V_{.2}$ = 5.77 = 53200 / 9220

No. 1 of 1 Sheets. Comp. by WHG Chk. by [illegible]

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