Meas. 200

9-275
January 1935

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Date 10-10-41, 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
LEW 473			.2				0	.82	86			0
455				.950			1.63	1.94	175			380
440				.948			2.26	2.59	305			790
420							2.92	3.52	369			1300
400				9 4.08 = 4.31			4.13	4.25	392			1660
380							4.37	4.76	373			1780
360							5.14	5.34	354			1890
340							5.55	5.50	335			1840
320				1/2.8 = 1/2			5.44	5.44	328			1790
300							5.45	5.50	326			1790
280							5.55	5.42	335			1820
260							5.28	5.46	334			1820
240							5.64	5.60	334			1870
220							5.55	5.60	367			2060
200							5.64	4.70	386			1820
180	Q = 27.600			4.31			3.77	4.31	389			1680
160							4.85	3.88	406			1570
140							2.92	2.92	444			1300
120				29100 / 6750 = 4.31	9 4.08		2.92	3.21	411			1320
100							3.50	2.38	256			610
80				1/2 = 1/2.8			1.26	.63	49			30
68			.2				0					8
REW									6753			29060

No. 1 of 1 Sheets. Comp. by WHG Chk. by EWH