The Honorable JERRY SADLER, Commissioner of The General Land Office

> Subject: Report of findings on the Frio River in Frio County across the M. L. Carranza Survey No. 918, Thomas Callahan Survey No. 920, Charles Hoffman Survey No. 921, Nathan Hubbell Survey No. 922, James Jett Survey No. 336 and the Simon Glenn Survey No. 335

On verbal instructions from Mr. Jack Giberson, Chief Clerk, on May 6th I went to Pearsall and met Mr. Frank Schorp at his office to get him to assist me and show me the survey lines where they cross the Frio River. We then proceeded to the Frio River to determine the navigability of the River.

The surveys listed above are all within the boundaries of the Halff-Oppenheimer Ranch and have excess land within the surveys as relocated and monumented by Frank Schorp.

Our first measurements were taken where the Frio River crosses the Northeast boundary line of the M. L. Carranza Survey No. 918. At this crossing from low cut bank to low cut bank is 15 feet wide, the top of high cut banks were 20 feet wide.

The banks are almost perpendicular to the bed of the stream along the West bank. After taking several measurements of the low cut banks, the average width from cut bank to cut bank was 16 feet and the 2nd or high cut banks, the average width was 22 feet across the M. L. Carranza Survey.

At the intersection of the Frio River with the N.E. boundary line of the Thomas Callahan No. 920 and the S.E. Boundary line of the M. L. Carranza Survey No. 918, the top of the 1st or low cut banks was 18 feet wide and the 2nd or high cut banks were 23 feet apart.

In the Thomas Callahan Survey No. 920 above the intersection of the Frio River with a large slough the average width from low cut bank to low cut banks were 18 feet. Below the intersection of the Frio River and the slough for 500 feet South the banks were straight cut banks and the widths were from 21 feet to 29 feet.

At the S.W. boundary line of the Charles Hoffman Survey No. 921 and the N.E. boundary line of the Nathan Hubbell Survey No. 922, this boundary line crosses the Frio River five (5) times. We took measurements at these points where accretion banks had formed and found the lst or low cut banks to average from 12 feet in width to 28 feet in width. The 2nd or high cut banks were from 26 feet to 30 feet apart.

Across the Nathan Hubbell Survey where there was straight banks with no accretion banks, the width from bank to bank was 22 feet to 24 feet.

In the Thomas Jett Survey No. 336 accretion banks which were covered with vegetation on the low cut banks the width varied from 10 feet at several points to 18 feet at the widest. The high cut banks varied from 22 feet to 24 feet.

Across the Simon Glenn Survey No. 335, the low cut banks averaged 14 feet from bank to bank and the high cut banks 22 feet to 24 feet from bank to bank.

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We checked the River on further South of the surveys in question and found the average low cut banks to be 14 feet apart and the high cut banks to be 24 feet apart.

After taking the measurement of the top of the 1st or low cut banks and the 2nd or high cut banks of the Frio River across the six (6) surveys named above I found no points where the bed of the River was 30 feet wide except where one large slough emptied into the Frio River.

The Frio River is not running and very few places had water standing in holes. After making these measurements and observations, according to the decisions handed down by the courts, the Frio River across these surveys is not a navigable stream.

James E. McCarty James E. McCarty Licensed State Land Surveyor

General Land Office

May 11th, 1964

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