

















Job No. 18719

P. O. BOX 6355, 2725 SWANTNER CORPUS CHRISTI, TEXAS 78411 PHONE 854-3101

RECEIVED

## NFC 18 1982

General Land Office

December 13, 1982

Bob Armstrong, Commissioner General Land Office 1700 North Congress, Room 812 Austin, Texas

Attention: Mr. Herman Forbes, Director Surveying Division

Report on shoreline survey for a 0.24 acre tract of land out of Lot 21, Section 54, Flour Bluff and Encinal Farm & Garden Tracts, Nueces County, Texas.

This property lies adjacent to the western shore of the Laguna Madre and the owners need the approval of the shoreline boundary from the General Land Office in order to plat their property:

## Exhibits:

- 1. Portion of plat of Flour Bluff & Encinal Farm & Garden Tracts recorded in Volume A, Pages 41, 42 and 43 of the Nueces County Map Records.
- 2. 1934 Aerial Photograph (Tobin surveys 1232-2-9)
- 3. Portion of Blucher Engineering Survey dated October, 1936.
- 4. Portion of Oso Creek Northeast, TEX Quadrangle, 1951
- 5. 1966 Aerial Photograph (Glasson-Lammon A2)
- 6. Portion of Oso Creek Northeast, TEX Quadrangle, 1968
- 7. 1980 Aerial photograph (Glasson-Lammon 5180-2B)

The natural shoreline along this tract and for about 600 feet South has been obliterated by dredging and filling sometime between 1936 and 1966. I found one point (Point A on Survey Plat) close to the Southeast corner of this tract which I used for the natural shoreline. Between 1966 and 1980 some fill was added to about 300 feet of the shoreline north of this tract, but I found 3 points (marked "B", "C" and "D" on Exhitit 7) on the natural shoreline north of this fill. I then plotted these 3 points and point A to arrive at the shoreline across this tract. The vegetation line was used as the shoreline at Elevation 1.2 feet N.G.V.D. which is the line you requested I use on Urban Job No. 16230 filed in the G.L.O. as Nueces

Job No. 18719 Mr. Herman Forbes December 13, 1982 Page 2

County Rolled sketch No. 64. The vegetation line is about 20 to 25 feet from the 0.9 foot contour line which is mean high tide in Corpus Christi Bay.

At points "B", "C" and "D" there is a low vertical bank about 6" to 12" high which distinctly delineates the vegetation line as is the case with most of this portion of the Laguna Madre except where it has been disturbed.

Exhibits 5 and 7.

The artificial fill in front of this tract was put in for access to an oil well in the Laguna. Some land may have been dredged to create this fill (see Exhibit No. 5) but if so, it has subsequently been filled in.

GMP/crm Enclosures RECEIVED

## DEC 1 8 1982

General Land Office

Exhibit No. 3 shows that the Laguna once was connected with the large salt lake northwest of this tract but this channel is now filled in but can be seen on

Sincerely,

URBAN ENGINEERING

George M. Pyle R.P.S. No. 1258 L.S.L.S.

