

E-6900E

File No. R1d. Sk. 12 A
KLEBERG County
Filed For Information Only
Filed March 4 19 94
By GARRY MAURO, Com'r
Douglas Howard

File No. 21d. Sk 12 B County
KLEBERG
Filed For Information only
Filed March 4 19 94
By GARRY MAURO, Com'r
Douglas Howard

1-4268



File No. Rld sk 12 1 C
KLEBERG County
Filed For Information Only
Filed March 4 19 94
GARY SAURO, Com.
By Douglas Howard

File No. Rld. Sk 12 D County
KLEBERG
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By GARRY MAURO, Com'r.
Douglas Howard

had requested from both the Packery Channel Tide Gauge and the South Bird Island Tide Gauge as control stations using the Cole 1981 Amplitude Ratio Method.

You will notice from the graphs that the rise and fall of the water level at the subordinate station more nearly conforms to that of the South Bird Island station which would give a lower elevation of 1.28 feet NGVD for the Mean Higher High Water (MHHW) than the elevation of 1.38 NGVD calculated based on the Packery Channel Station.

We have chosen to use the 1.38 elevation because it more nearly conforms to the vegetation line along the shore of the subject 52.22 acre tract of our concern.

The uplands of Padre Island in this area have a gentle rise from the shore covered thickly with upland grasses whereas along the vegetation line are found salt grass and succulents such as grow in the wetlands. There are of course some wetlands within the upland area of a higher elevation than that of the MHHW contour except at the mouth of a narrow drain entering the Laguna Madre. Offshore from this tract lies an island not included in within the bounds of the subject 52.22 acres whose landward connection to Padre Island lies below the level of the MHHW contour.

David Pyle has prepared a map of the 52.22 acre tract, which will bear my seal and signature, showing the entire Tovar Section 1, whose northeast line is the Nueces-Kleberg County line. We used the information I now possess of the Sun Oil Company resurvey of the J.S. Boyles survey of Padre Island to compare his meanders with the present meanders based on the call for von Blucher's Nueces-Kleberg County line. We found the county line markers shown on this map to lie in very close proximity to this line which is recognized as the north line of Tovar Section 1.

There is considerable fill on the uplands beginning at the north line of Tovar Section 1, running northerly along the shore. This point is some 2000 feet above (north of) our subject 52.22 acre tract. I understand an arrangement was made with the state as to the existence of this fill and some visible dredged channels. I would presume some shoreline was established which would likely conform to the pattern that we find.

I would also like to point out that David observed in his readings taken at the subordinate station, located at the site, that prior to each peak of the high tide there did occur a lower high tide peak. The difference was only 0.05 foot but it was a regular occurrence with each high tide. This phenomenon seems to conform to the description of a double tide as described in the Tide and Current Glossary, Special Publication No. 228 Revised (1949) Edition.

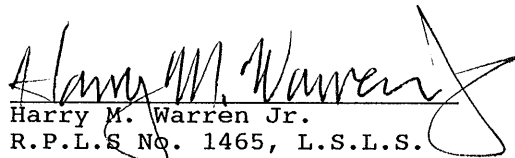
The City of Corpus Christi is being pressed to acquire this tract soon to avoid mitigation fines. We have, because of this, limited our enclosures to copies of our source information of a quality less than would be suitable for court presentation. Should you need this quality we will be glad to prepare the displays.

I want to thank you for your kind assistance in defining the specific objectives necessary for us to resolve in order to gain approval from the General Land Office of our delineation of the shore boundary of the subject 52.22 acre tract.

We did also received considerable assistance from the staff of the Conrad Blucher Institute and the gentlemen in the Tidal Datum Section of NOAA.

File No. Rid SK 12
Kleberg County
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By GARRY MAURO, Com'r
Douglas Howard

Sincerely,


Harry M. Warren Jr.
R.P.L.S No. 1465, L.S.L.S.



Texas General Land Office
Garry Mauro, Commissioner

Stephen F. Austin Building
1700 North Congress Avenue
Austin, Texas 78701-1435
(512) 463-5001

C. B. Thomson
Director of Surveying
Asset Management Division
(512) 463-5212
Fax (512) 463-5098

March 7, 1994

Mr. Harry M. Warren, Jr.
Warren & Sons, Inc.
P. O. Box 2292
Corpus Christi, Texas 78403-2922

Re: A 52.22 acre tract in the Tovar Section No. 1 of the
Subdivision of the Estate of Jose Maria Tovar on Padre Island
in Kleberg County.

Dear Mr. Warren:

Your plat of the above referenced tract dated February 28, 1994,
together with supporting documentation, has been accepted for
filing in the records of the General Land Office as Kleberg County
Rolled Sketch No. 12.

If this office can be of further assistance to you, please let me
know.

Sincerely,

C. B. Thomson
Director, Surveying Division

CBT/jak

cc: David Pyle

File No. B/d. sk 12 F
KLEBERG County
Filed March 7
GARRY MAURO, Com'r
By Douglas Howard 19 94