

T. O. WALLIS*Consulting Civil Engineer*
BOX 448 306 S. PECOS

MIDLAND, TEXAS

January 22, 1952

RECEIVED

JAN 25 1952

REFERRED TO MAP

Mr. Bascom Giles
Commissioner General Land Office
Austin, Texas

Dear Mr. Giles:

In connection with a recent resurvey by me and corrected field notes written by me for Mr. W. Bryant of Midland, covering his lands in Blocks 38 and 39, T-3-S and Blocks 38 and 39, T-4-S, T&P RR Co Survey, Midland County, Texas I submit herewith the following report.

The lands covered by my resurvey were originally surveyed by the Texas and Pacific Railroad Companies' contract surveyors in 1876. An examination of the original field notes shows block line corners to have been marked only with stake and mound. I could find no calls for witness trees or other referenced objects. Of course, as you are aware, the original surveyors ran no lines inside the block, but ran block lines only. Between the years 1910 and 1928 Mr. Robert E. Estes of Midland did quite a bit of surveying in and around this area. Several other surveyors, among them R. T. Bucy and J. M. Flannagan have written corrected field notes on lands adjacent to this area.

Before beginning field work, I examined the previous field notes of record by earlier surveyors in and around this area. I also examined the patent records for adjacent lands, and noted that broken corner construction had already been applied to the interior section lines of many sections in these blocks adjacent to my area. I, therefore concluded that, inasmuch as this pattern was already in effect, I had no alternative but to continue such broken corner construction, allocating any excess found between block lines in an east-west direction to the even numbered or school land sections and allowing the odd numbered or railroad sections only patent called distance of 1900 varas per mile.

To begin my survey at the Northwest corner of Section 48, Block 39, T-3-S, A. J. Walcott, which same is the west line of Block 39, T-3-S, T&P RR Co Survey, I located Mr. Estes' patented northeast corner of Section 10, Block 40, T-3-S, a one inch iron pipe marked "NE 10". Running south at one mile (course and distance as shown on my map) I located Mr. Estes' southeast corner of Section 10. At a mile further south I found Mr. Estes' northeast corner of Section 22, called by him to be in the original stone mound. Honoring his previous work, I adopted this point as an original corner. At the next mile south I found Mr. Estes' resurvey corner for S.E. 22, in the block to the west. A one inch pipe found at a fence corner a mile further south was adopted by me as the southwest corner of Survey 29 in my block. Running thence south four miles I located a very old stone

Counter 31578

T. O. WALLIS

Consulting Civil Engineer
BOX 448 306 S. PECOS

MIDLAND, TEXAS

Page 2.

mound in very good condition, having the appearance of great age which I adopted as the original southwest corner of Section 7, Block 39, T-4-S.

Returning to the southwest corner of Section 29, Block 39, T-3-S, I ran a connecting line eastward six miles to the east line of Blocks 39, T-3-S and T-4-S.

Turning northward to run said east line of Block 39, at one mile I located a large old stone mound, composed of many small stones, in very good shape. Running further north one mile, I located a large set stone in a small stone mound which appeared very old. Said set stone was probably placed in this mound by Estes during his survey of adjoining lands. Running two miles further to the north, I found the scattered remains of an old stone mound at a fence corner. From this point, adopted by me as the original northeast corner of Section 12, Block 39, T-3-S, I ran a line to close my traverse back upon my point of beginning at the North west corner of survey 48, A. J. Walcott.

From the southeast corner of Section 34, Block 39, T-3-S, from whence I had already run north I now ran south. At three and half miles I located a very good small stone mound, composed of many very small stones, in a good circular pattern, which I adopted as the original half mile corner on the east line of Section 12, Block 39, T-4-S. A connecting line traverse was run from this point to the corner for S. W. 7, Block 39, T-4-S, previously discussed.

After setting up my traverses and computing course and distance between the block line corners found as above described, it was noted that both the east and west lines of Block 39 had reasonably uniform courses. You will note that the maximum deviation in course is approximately $0^{\circ} 15'$. The amount of excess found north and south also appeared very reasonable. At no point did such excess exceed about 16 varas per mile. Inasmuch as the corners found on both the east and west lines of Block 39 appeared to follow a definite pattern both as to course and distance, it was decided to adopt them as shown on my map.

At first glance the excess found east and west in Block 39 seemed prohibitively great, but I had previously noted that Mr. Estes had incorporated a similar amount of excess in his previous work in this area. I am told by Mr. Bryant that his father engaged Mr. Estes around the year 1912 to resurvey this area, but that Mr. Estes did not file corrected field notes on a large majority of the sections surveyed by him. In numerous cases I found when setting corners for the interior sections of this block that my point for corner as calculated from my block line survey fell within a few varas of an older corner already in place, presumably put there by Mr. Estes.

T. O. WALLIS

Consulting Civil Engineer

BOX 448 306 S. PECOS

MIDLAND, TEXAS

Page 3

As stated previously Mr. Estes had filed corrected field notes on a number of sections in this area, one of them being Survey 12, Block 38, T-3-S, and several others in the south half of Block 38, T-4-S. In writing my field notes for Sections 12, 22 and 34, Block 38, T-3-S and for Section 6, Block 38, T-4-S, I incorporated the excess previously shown for these tiers of sections by Mr. Estes. Inasmuch as I had been following on Mr. Estes' footsteps in recovering his old corners in the block immediately to the west I felt at liberty to follow this course.

Very truly yours,

T. O. Wallis

T. O. Wallis

Handwritten notes and signatures in the left margin, including the name 'W. O. Wallis' and other illegible text.

File No. 14

MIDLAND County

SKETCH FILES

Filed Jan 25 1952

BRASCOM GILES Com'r

H. P. Spring
Deputy Clerk

Report re resurvey
of Bryant Ranch
see Rolled St. #6
Midland Co.
T. & P. Ry Blks 38 & 39
Tsp. 3 & 4 S.
By T. O. Wallis
Dec. 1951

T. O. Wallis
Surveyor

As stated previously Mr. Estes had filed corrected field notes on a
number of sections in this area, one of them being Survey 15, Block 38,
T-3-S, and several others in the south half of Block 38, T-4-S. In
writing my field notes for Sections 15, 38 and 34, Block 38, T-3-S
and for Section 6, Block 38, T-4-S, I incorporated the excess previously
shown for these tiers of sections by Mr. Estes. Inasmuch as I had been
plock immediately to the west I left at liberty to follow this course,
following on Mr. Estes' footsteps in re-surveying his old corners in the
show for these tiers of sections by Mr. Estes. Inasmuch as I had been
and for Section 6, Block 38, T-4-S, I incorporated the excess previously
writing my field notes for Sections 15, 38 and 34, Block 38, T-3-S
T-3-S, and several others in this area, one of them being Survey 15, Block 38,
As stated previously Mr. Estes had filed corrected field notes on a

Page 3

MIDLAND, TEXAS

BOX 448 202 S. RECORD

Consolidated City Building

T. O. WALLIS

PHONE 2325

LAND SURVEYS

K3

counter 31581