

Margaret, Hardeman Co., Tex.

June 10, 1885.

John Wesley Esq.

I herewith submit the following report of work done, in retracing the base lines of Block A, Hardeman Co., Tex. (original work of H. & T. C. R. R. Co.)

Said report consists of the field notes of said work, a description of the method of doing said work, and a sketch showing the lines run by myself and their relations to the lines of other surveys bearing on part of the above work.

July 2, 1885. Commencing at the common corner of Surveys 270, 271, 296 & 297 at an old stake which was found by digging into the ground and approximately corresponding to the location of same corner from two bearing trees with distances given, and varying two feet from the stake lately used by County Surveyor and others as the true corner, from said corner I ran a random line using a variation of $11^{\circ} E$, six miles S. Thence, turning a true right-angle
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with a railroad transit, I ran W. one mile. Found an original corner, as stone in ground with limbs of dead mesquite, looking very old, placed about the stone, the common block corner of Blocks A, B & E. Said corner agreeing in bearings and distance with two of the three given bearing trees. Said corner is common to Surveys 264 & 265 - Blk A. I then ran a random transit-line to west one mile. All of above lines are true transit-lines, and all measurements were made with a steel tape 100 feet long and of U.S. standard test. The greatest care being used in making the measurements to extent of using a plumb bob on uneven ground to ascertain the exact location of marking pin.

In comparing my first random line to the S. with my last to the West. I found random line to S. 613' too far to W. Making necessary measurements from corner of the two random lines above mentioned to back sight, and making

Found Co Sk File 21

necessary computations I located the true S.E. Cr. of Sur. 302 to the S.W. Cr. of Sur. No. 265; which also determined the true line from N.W. Cr. of Sur. No. 270 to S.E. Cr. of Sur. No. 302; also the true line from corner last-mentioned to the Common Block Corner aforesaid. Said two lines being at right-angles to each other as shown by my transit.

This corner was located by bearing trees, etc. with distances given as shown in accompanying field notes.

I then returned to my commencing point July 4, Commencing again at N.W. Cr. of Sur. 270. I produced the true line established to the South Northward; Said line running in close proximity and to the W. of a line run a few wks. previously by W. J. Westmoreland and Mr. Armstrong starting from the same point. I crossed said line passing to the E. of it in a run of about one mile. At about 500' less than two miles from beginning point I found a stake established by Mr. Westmoreland, County Surveyor and accepted by Westmoreland & Armstrong

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as the N.W. Co. of Sur. No. 272. and N.E. Co. of Sur. No. 295. This corner was referred to a mesquite tree which was claimed by the above named gentlemen as the bearing tree shown in field notes of cor. last mentioned.

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This tree was carefully examined by Judge Gordon, County Clerk J. Wesley, myself and others, and with an eye glass no indications could be found to show this tree a bearing tree. We all decided that it was not a bearing tree the distance being so much short while on the run of 6 miles to the S. we found the distance of original work 1620 ft. too great is another fact in favor of our decision.

To the N. of the corner last mentioned, there being left on the ground at this date no corners, bearings or distances of the least reliability to fix the location of the line or any of the survey section corners along said line I continued my straight line to the N.E. Co. of Sur. No. 290 and the N.W. Co. of Sur. No. 277.

21st.
Geo H Chipmans. L.L.
Report on base line of BIK
A. Dated June 10. 1885.

Front Co

Along said line I checked on some distant-bearing objects, as a grove of timber etc. shown in field notes in County office, (no distances given to certain existing objects) I allowed two ft. extra per mile to make good loss in measuring distances due to unevenness of ground and the inability of keeping the exact line in making the measurements.

At the corner last mentioned I established a corner as described in accompanying field notes.

We found the point-located sometime previously by Mr. Westmoreland as the true corner last mentioned; which corner was 86 feet too far west of my line, (my line having crossed the line of Mr. Westmoreland again between N.W. Co. of Sur. 270 to N.E. Co. of Sur. 290

This corner of 290 as located by myself is about 150 ft. north of same corner as located by Mr. Westmoreland. We found, also, that the stake locating this corner, N.E. of Sur. No. 280 made

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by Mr. W. had been lately, within a few weeks, pulled up and carried E. 534', 8".

My line from the S. E. C. of Sur. 302 to N. E. C. of Sur. 280 of Blk. A is a true transit-line, probably not 4" out at any point.

W. H. H. H., Dept. Surveyor
Hardenon Co
Tex

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Foard 21

Sketch of Base Line
in Block A.

Geo. H. Chipman's

Description of
work done in re-
tracing the Base
Lines of Blk. A.
Hardeman Co.,
now Foard Co.,
Tex.

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County 22815