

The State of Texas
County of Val Verde

Statement: concerning the Variation of $9^{\circ}30'$ East
used in running the County-lines of Val Verde County.

Requested by the Hon. W. K. Jones, County-
Judge of Val Verde Co. I herewith submit the following
statement concerning the Variation of $9^{\circ}30'$ which
I used, in running the County lines of said County.

"Owing to the scarcity of time, it was impossible
for me to make any local scientific observations at
the place of beginning, but calculated the Variations
from the statements made to me by the resp. County
Surveyors of Del Rio and Junction City, and from
extracts and notes out of the reports of the United States
Coast & Geodetic Survey. J. C. Hilgard, Superintend.

In Appendix No. 13. report for 1882. on page 313. I found
that the Variation of the Magnetic Needle at Eagle Pass
 $\phi 28.42. \text{ \& } 100.30.$ in 1885 was $-9^{\circ}07'$ with an annual decrease
of about $2'$.

The Isogonic Chart for 1885. No. 39. shows that the imagi-
nary line of declination of 10° passes just below the mouth
of the Pecos River.

The main part of Val Verde Co. is situated according
to these observations between 9° and 10° Variation.

From the Surveyor of Kimble Co. I learned that the
dividing line between Kerr & Kimble Co. was run at a Va-
riation of $9^{\circ}2'$ and in as much as I had to prolong said
line to establish the N. E. corner of Val Verde Co. I do be-
lieve, that the adoption of a Var. of $9^{\circ}30'$ would meet with
the approval of all parties interested, and owing to the
topography of the country the lines traverse over and the
fact, that none of the parties interested, but now pro-

testing, appeared on the ground to regulate this question before hand, I trust, that the Variation of $9^{\circ}30'$ as used by me, should be adopted as correct.

In regard to running "Curved Lines" I have to state, that I have used two flagmen, front & hindflag, through the entirely work, and I believe, I have avoided any possible curving of the lines.

The Law creating Val Verde Co^y made the intersection of the North Line with the Pecos the natural N. W. County corner and it happened, according to the course of the River, that the Line, as run by me, intersected in one of the most westerly bends of the river, so giving to Val Verde Co^y by running due South, a strip of Land, which if the line intersected above or below said bend, would of course fall outside of said County.

The work has been done with much care and great loss of time and labor.

Tilden. Mr. Mullen Co. Texas the 4th August 1857.

Frank. H. Burmeister.

Surveyor Val. Verde Co. Lines
Dep. Surveyor. Mr. Mullen Co. Texas.

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46565 470

Val Verde Co Bdry Line 1

Val Verde Co.

Statement

filed in the General Land
Office August 23/87

R. Shuey
Chief Clerk.

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