

D-277

538

W. J. WILLIAMS  
LICENSED STATE LAND SURVEYOR  
REGISTERED PROFESSIONAL ENGINEER  
P. O. Box 1272  
PLAINVIEW, TEXAS

RECEIVED  
JUN 25 1945  
REFERRED TO MAP

Plainview, Texas,  
June 22, 1945.

Mr. Tom Atlee,  
Austin, Texas.

Dear Mr. Atlee:

I am handing you herewith, for your personal use, a sketch illustrating why Mr. Foster and I called the same line a different course in a different Block.

Mr. Foster is intending to report Block M9 on the same Meridian as is used in Block M 8. I am planning on helping him later this summer and we will undertake to avoid any further discrepancies.

Since the Meridians all pass through the same north pole and thus none of them are parallel, any course compared to one meridian will not be the same as that referred to another. That is the reason the Co-Ordinate Law was needed. It is now possible for one surveyor to make a report that another can take and follow. Before, it has always been that we were not sure what Meridian was the one the surveyor was calling "North".

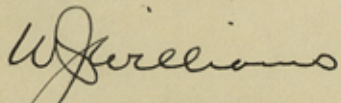
The Meridian on the east side of the Panhandle is 1°44' to left of the one on the west side of the Panhandle. In the North Central Zone the difference between the east and west meridians is over 6° and the Difference in the Central Zone is about 7°.

We can't use the same meridian throughout a Zone because the public would be worried about a line being reported with such a large deflection. But the Co-Ordinates tell how to put a map together.

As to the fieldnotes of Section No. 3, Block M 6, which I am returning, I plead guilty of allowing the difference of 0.4 varas to show as I did not get the notes to Block M 6 and compare them. I used the distances Mr. Swepston had on his note book to help him balance the surveys. If you can overlook the 0.4 varas difference, it will keep us from making several corrections. If we make the 0.4 varas correction, it will make the survey lack that much more of balancing unless we rewrite a whole tier of sections.

Thanking you personally for any consideration and suggestion you care to make, I am

Yours truly,

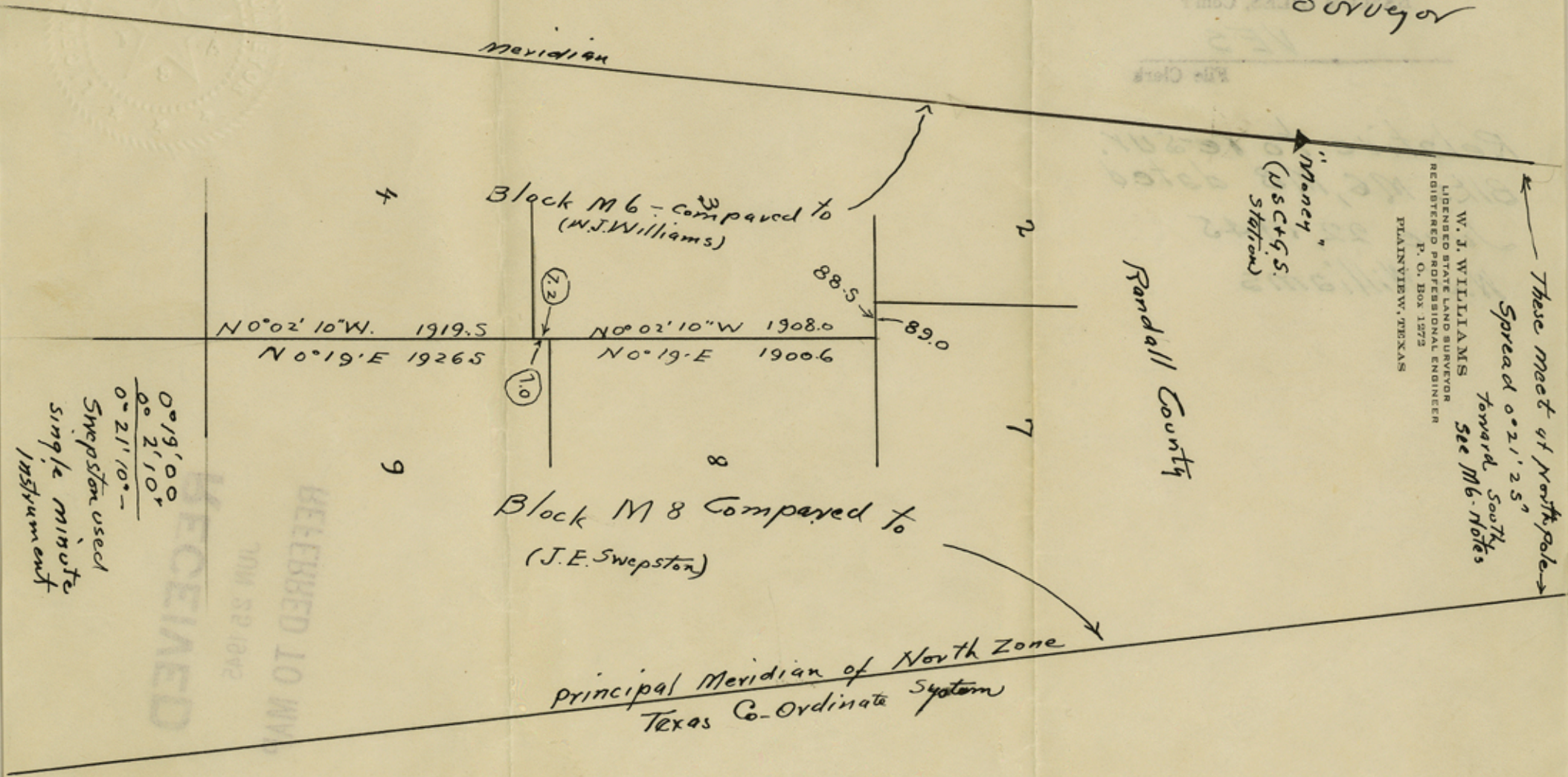
  
W. J. Williams.

counter 34976

D-277

This sketch illustrates difference in Courses used in Blocks M6 and M8, Randall County - as Reported by M.V. G.G. Foster, County Surveyor June 21, 1945

W. J. Williams  
Licensed State Land Surveyor



0°19'00"

0°21'10"

0°21'10"

Swebston used single minute instrument

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Sketch

File No. 12

Randall Court

Surveyors Statement

Filed 3/3, 19 48

BASCOM GILES, Com'r

VES

File Clerk

Relative to resur.  
Blks M6, M8 dated  
June 22, 1945  
W.J. Williams

See Map of North Texas  
Principal Member of North Texas  
Texas Co-Ordinate System  
June 22, 1945  
W.J. Williams

Randall Court

This sketch illustrates  
courses used in Block M6  
County as reported by  
June 21, 1945



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100 ft  
200 ft  
300 ft  
400 ft  
500 ft  
600 ft  
700 ft  
800 ft  
900 ft  
1000 ft