

SURVEYOR'S REPORT

Texas Central Railway Company
Surveys 1415 and 1416
Bexar Land District
Presidio County, Texas

Located about 36 miles S 32° W from
Marfa, The County Seat

SURVEYOR'S CERTIFICATE

I, Malcom L. Bamberg, Licensed State Land Surveyor, do hereby certify that I have prepared the report herein containing pages numbered 1 through 6 inclusive. Presidio County Rolled Sketch No.130 accompanies this report and is a part hereof. Witness my hand and seal on this the 30th Day of September, 1993.

Malcom L. Bamberg
Malcom L. Bamberg
Licensed State Land Surveyor

File No. Sketch File 115 County
Presidio
T.C. Ry. Co., Surveys 1415 & 1416
Filed December 7 19 93
By GARRY MAURO, Com'r
Douglas Howard
see Rld. Sk. 130

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SURVEYOR'S REPORT

The purpose of this report is to discuss the history of surveys and the location of Texas Central Railway Company Surveys 1415 and 1416 (S-51976). First, a discussion in chronological order of surveys that control the location of the said Texas Central surveys.

There are three surveys that control all of the railroad block surveys in this area. The surveys are as follows:

- Wm. Hadden Surveys 17 and 18 (B-1223) surveyed August 10, 1855 by Stevenson Archer and patented January 28, 1858. These two surveys are tied to Survey No. 13 (B-1214) near the Astronomical Point at Presidio.
- M. Tarrin Survey No. 33 (D-1306) surveyed May 20, 1857 by Stevenson Archer and patented August 31, 1857. This survey is tied to the Astronomical Point at Presidio.
- Adams, Beaty and Moulton Surveys 327 and 328 (S-9617) surveyed by J.W. Tays May 13, 1875. These two surveys are tied to the west corner of the Wm. Hadden No. 17. A.B. & M. No. 327 was patented December 9, 1875 and No. 328 was the State Survey.

The spacing of the above surveys as reported through the years should be discussed before discussion of other surveys that are senior to the location of T.C. 1415 and 1416. The various relations of these surveys are based on the west corner of the Wm. Hadden Survey No. 17, the southeast corner of the M. Tarrin Survey No. 33, and southwest corner of the A.B. & M. Survey No. 327.

<u>DATE</u>	<u>SURVEYOR</u>	<u>TARRIN to HADDEN</u>	<u>TARRIN to No. 327</u>	<u>HADDEN to No. 327</u>	<u>METHOD</u>
1857	Archer	N 12,681 v. E 8,122 v.	-	-	Cal. fr. F. Notes
1875	Tays & Archer	-	*N 2,561 v. *E 9,502 v.	S10,013 v. E 1,946 v.	F. Notes * Calc.
1875	Edwards R.S. 7	N 10,300 v. E 6,900 v.	-	-	Scaled
1880	Edwards Tays & Buckley	N 12,446 v. E 7,770 v.	-	-	F. Notes
1881	Glenn S-31329	N 7,116 v. E 4,168 v.	-	-	Connection

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1883	Thompson	N 8,320 v.	N 952 v.	S 7,369 v.	Connection
	Sk. File #14	E 4,681 v.	E 7,723 v.	E 3,042 v.	
1889	Reavis & Mabry	N 8,236 v.	N 942 v.	S 7,294 v.	F. Notes
		E 4,642 v.	E 7,711 v.	E 3,069 v.	
1992	Bamburg	N 8,290 v.	*N 1,070v.	*S 7,240v.	Survey
		E 4,470 v.	*E 7,680v.	*E 3,160v.	*Scaled

Comparison of the above distances indicates that the true relationship of the three surveys was not known until 1883 when S.A. Thompson made his connections. The problem is that all of the original surveys of the railroad blocks had already been made. It is apparent that Edwards, Tays and Buckley relied on Archer's 1857 reported positions of the Hadden and Tarrin Surveys when they wrote their field notes covering the H. & T. C., G.H. & S.A and D. & P. Blocks.

The H. & T. C. blocks were originally surveyed by J. W. Tays in 1875. Blocks 7 and 8 are tied to the M. Tarrin Survey No. 33. Block 6 is tied to the Wm. Hadden Survey No. 17.

The G. H. & S. A. Blocks 5 and 6 were originally surveyed by L. E. Edwards in 1875. Block 5 is tied to H. & T. C. Block 6. Block 6 is tied to H. & T. C. Blocks 7 and 8.

G. H. & S. A. Block 23 was originally surveyed by C. E. Miner in 1878. This block is tied to the A. B. & M. Surveys 327 and 328.

D. & P. Block 2 was originally surveyed by Dan Buckley in 1880. This Block is tied to G. H. & S. A., Block 6 and the Wm. Hadden Surveys.

It appears that none of the above railroad blocks were surveyed on the ground and that their locations and relationship to each other were dependent on the distances between the Hadden, Tarrin and A. B. & M. Surveys as shown from 1857 through 1880.

The southeastern portion of D. & P. Block 2 in this area was abandoned based on W. J. Glenn's connection in 1881 between the Tarrin and Hadden Surveys. He was still unaware of the true distances between the Hadden and A. B. & M. Surveys 327 & 328.

T. C. Ry. Co., Block WJG-2 was originally surveyed by W. J. Glenn in 1881. This block is tied to the Hadden Surveys, G. H. & S. A. 5 and G. H & S. A. 23. Glenn was on the ground, however, he conflicts with G. H. & S. A. 23 due to not knowing the correct distance between the Hadden and A. B. & M. Surveys.

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The Texas Central Railway Company Surveys 1415 and 1416, the subject of this report, were surveyed by S. A. Thompson in 1886 and contained 195 acres each. It appears that Thompson wrote the field notes based on his connections in 1883 and did not locate these surveys on the ground. Survey No. 1415 was patented on July 12, 1888. Survey No. 1416 is unsold School Land.

D. L. Reavis resurveyed H. & T. C. blocks 6, 7, and 8 in 1889. W. S. Mabry resurveyed the G. H. & S. A. Blocks 5, 6, and 23 in 1889. Sufficient monuments were established in these resurveys for subsequent recovery and identification.

Mabry's resurvey of G. H. & S. A. Blocks 5 and 6, and Reavis' resurvey of H. & T. C. Block 6, determined that there was no space remaining between these blocks for other surveys. Therefore, most of the T. C. Ry. Co. Survey No. 1416 was placed in conflict with senior surveys.

Presidio County Rolled Sketch No. 130, filed with this report, reflects the ground conditions in this area., Several of Reavis' and Mabry's resurvey corners were recovered along with the original west corner of the Wm. Hadden Survey No. 17 and the original northwest corner of Section 1, T. C. Ry. Co., Block WJG-2. It is shown that Reavis and Mabry are running about 45 minutes to the left of north in this area.

Prior to locating the T. C. Ry. Co. Surveys 1415 and 1416, it was necessary to establish the Hadden Surveys. The original west corner of the Hadden Survey No. 17 was found and a diligent search was made for the east corner, these being the only 2 monuments called for by Stevenson Archer when he surveyed the Hadden Surveys. The Hadden Surveys No. 17 and 18 were then established by the rule of "course and distance" from the original west corner of Survey No. 17.

The next line in the order of seniority is the south line of Section 1, H. & T. C. Ry. Co., Block 6, a portion of same being the north line of Section 3, G. H. & S. A. Ry. Co., Block 6. This line is established by the rule that "monuments control".

Sufficient ties have not been made to precisely locate the north line of Section 27, G. H. & S. A. Ry. Co., Block 23. The location of this line should not control the construction of T. C. Ry. Co. Survey No. 1416.

The most easterly southeast corner of Section 3, G. H. & S. A. Ry. Co., Block 6, is established at call distance from the north corner of the Wm. Hadden Survey No. 17 and is based on the rule of "nearest controlling corner". The east line of said Section 3 is then projected north on a bearing perpendicular to the north line of said Section 3. This bearing is based on the rule of "uniform variance".

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The west line of Section 1, T. C. Ry. Co., Block WJG-2 is established from its original northwest corner to the east corner of the Wm. Hadden Survey No. 18. This bearing and distance is based on the rule of "adjoiner calls".

A comparison of the patent field notes of T. C. Ry. Co. Survey No. 1415 and the ground conditions requires that some calls in S. A. Thompson's field notes must be rejected. It appears that Thompson wrote these field notes based on his connections in 1883 and the resurveys by Reavis and Mabry had not yet been done. However, we have tried to harmonize as many of his calls as possible with the present ground conditions and construct Survey No. 1415 in Thompson's original intended location.

The most western southwest corner of T. C. Ry. Co. Survey No. 1415 (#1415) is located in the northeast line of the Wm. Hadden Survey at call distance from its north corner, the nearest controlling corner, and rejecting the call for the east line of Section 3, G. H. & S. A. Ry. Co., Block 6.

The most northern northwest corner of #1415, same being the northeast corner of #1416, and the inner ell corner of #1415, same being the southeast corner of #1416, are located course and distance from the southeast corner of Section 1, H. & T. C. Ry. Co., Block 6, same being the southwest corner of Section 1, G. H. & S. A. Ry. Co., Block 5, and the nearest corner.

The most western northwest corner of #1415 is located call bearing-bearing intersection from its most western southwest corner and inner ell corner as located above. The call for the northeast corner of Section 3, G. H. & S. A. Ry. Co., Block 6 is rejected.

The northeast corner of #1415 is located at the original northwest corner of Section 1, T. C. Ry. Co., Block WJG-2 as called for by Thompson. The call for the south line of Section 1, G. H. & S. A. Ry. Co., Block 5, is rejected. The reason for rejecting this call is that evidence indicates that the north line of T. C. Ry. Co., Block WJG-2 as surveyed by W. J. Glenn in 1881 is not common with the south line of G. H. & S. A. Ry. Co. Block 5 as surveyed by W. S. Mabry in 1889. Additional field work is required to confirm this possible vacancy.

The southeast corner of #1415 is located at call distance from the original northwest corner of Section 1, T. C. Ry. Co., Block WJG-2, in its west line. The call for the north line of Section 27, G. H. & S. A. Ry. Co., Block 23 is rejected as its location is based on Thompson's connection in 1881.

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The most southern southwest corner of # 1415 is located call bearing from its southeast corner and intersecting the northeast line of the Hadden Survey No. 17 as called for. This completes the location of the corners to #1415.

The location of T. C. Ry. Co. Survey No. 1416 was inadvertently left off of our most recent Presidio County Map. Its location is at the northwest corner of #1415 and is more particularly described in the corrected field notes and Presidio County Rolled Sketch No. 130 filed with this report.

Respectfully submitted,

Malcom L. Bamberg

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Robert L. Bannister
COUNTY CLERK PRESIDIO COUNTY TEXAS
1100 W. AMARILLO AVENUE, JARVIS 78701-1102
COUNTY CLERK GENERAL LAND OFFICE
LAND AND SCAPE LAND SURVEYS
WILLIAM F. BARNHART

Respectfully submitted,

110 filed with this report.
in the corrected field notes and Presidio County rolled sketch No.
at the northwest corner of #1112 and is more particularly described
left off of our most recent Presidio County map. The location is
The location of T. C. Ry. Co. survey No. 1410 was inadvertently
location of the corner to #1112.
line of the Hayden survey No. 11 as called for. This completes the
bearing from the southeast corner and intersecting the northeast
The most southern southwest corner of # 1410 is located call

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Ramon Lee
COUNTY CLERK PRESIDIO CO

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