

86931 to 34 Ref 386

Alpine, Texas, May 1 1913

Hon. J. T. Robison,
Commissioner Gen. Land Office
Austin, Texas

Dear Sir,
Sometime ago Mr. Worthington of Alpine made application for some school land in Blk 215 T. & S. L. Brewster Co. and the application was rejected because of a conflict between Blk 215 and Blk 15 G. H. & S. A. as the extent of this conflict was not definitely known.
Mr. von Rosenberg told me the only data they had was a sketch from Mr. Tarver of Presidio on paper based on supposed connections east and west with some T. & S. L. Blks in Presidio Co. Not from any corners on the ground but based on calls in the field notes.

The nearest original T&SL corners are a row of well defined corners on the north line of Blk 218 & 213 T. & S. L. about 16 miles north and R 4 miles east of Blk 215.

Mr. Worthington is willing to bear the expense of a survey to connect these original corners of Blk 213 with 215 and Blk 15 GH&SA. if you can instruct me to make the survey.

The object of asking for authority to make the survey is simply so that the result may be presented to your Office for consideration.

The Blks we would run through are T&SL Blocks and no one knows where the lines are as no original corners are given in the field notes and it would be of great advantage to have some definite points located in them from the old corners of 213.

If you deem it proper to authorize me to make the survey so that it may be submitted to you for consideration, will you kindly notify me at Alpine.

Respectfully

R. S. Dod
State Surveyor

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MAY 5 1913
Referred to Map

5-7-13

R. S. Dod
State Surveyor
Alpine Texas

426

Alpine, Texas May 15 1913

Hon. J. T. Robison,
Commissioner Gen. Land Office
Austin, Texas

Dear Sir,

On receipt of your favor of the 7th inst, authorizing the run to connect the T&SL Blocks with Blk 15 GH&SA, I went on the ground and made the survey and am mailing the report today.

With reference to your kind suggestion as to Mr. Worthingtons return of first payment on the lands he had applied for, which was rejected on account of conflict, I spoke to him and he tells me he instructed the treasurer to retain his money until the matter was settled.

Mr. Worthington asks me to write you that if on receipt of my report you find the facts warrant an adjustment of these surveys so that he will be awarded whatever portion of the lands covered by his application may remain, he would like very much to be notified at once, so that he may get his stock on the land and wait detailed adjustment.

Thanking you for your letter of instructions and the enclosed field notes and working sketch and plat,

Respectfully

R. S. Dod

RECEIVED
MAY 16 1913
Referred to Map

Counter 15946

1

R.S. Dod
State Surveyor
Alpine, Tex

441
Alpine May 17 1913

Hon. J. T. Robison,
Commissioner Gen. Land Office
Austin, Texas

Dear Sir,

As explanatory of my telegram of today, I would say that I find I made a very serious and inexcusable blunder in the plat and field notes of the report on a traverse line connecting Blk 215 and Blk. 15 GH&SA Brewster Co.

I stated that the connection was made with the NE cor 1 Blk 15, or NW cor 2 of same block when the actual connection for both traverses was a mile east of this point at the N.E. corner sur. 2 in Blk 15 GH&SA.

The error was inexcusable because the very point of the survey was the relative position of these blocks and should have received most careful attention, and there was no reasonable ground for the mistake because we went to the SE cor sur 1 at the spring, ran a mile north to N.E. 1 and then east a mile to N.E. 2 and there connected with Durrell's corner. Moreover I was so familiar with the country and the corners that there was no possible excuse for the blunder. It was simply too great haste in preparing the plat and an ordinary error of writing W for E in my field notes which, under the circumstances, should not have misled me for a moment. I can offer no excuse but simply say I am very sorry that it occurred.

Will you kindly make the following corrections in the report and substitute the enclosed plat for the one you have and destroy that.

In the bottom line of page 1 make "NE corner survey 1" read NE corner survey 2".

In sixth line on page 2, 8th word change "NE cor of 1" to NE cor of 2".

In supplemental report in 8th line of body of the report, make "The connection from NW 2" read "the Connection from NE 2".

In the heading of the figures for the second traverse make "Traverse from NW cor Sur 2", read Traverse from NE cor Sur 2".

Respectfully

R. S. Dod

State Surveyor

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MAY 19 1913

Referred to Map

By Reavis and Dod.

1
Counter 15947

Alpine May 15 1913

Supplemental Report.
on Connection between Blk 248 T&SL
and Blks G 11 & G 4.

Hon. J. T. Robison
Commissioner Gen. Land Office
Austin, Texas

Dear Sir,

As supplemental to the above report I have placed on the Map a run made to connect Blk 15 with Blk. G4, this run was made to retrace the traverse run by J. T. Gano when he established the G 4 Block, and was duly reported to your Office by me as State Sur.

But this run did not show the relative position of Blk G 11 and the T&SL Blk 248, as the latter had to be brought by course and distance from the old corners in Blk 213, which has just been done.

The connection from ~~NW2~~ Blk 15 to G 11 as shown on the map and checked by the run from Blk 213 shows that there is a strip of unoccupied land some 551 varas wide between Blk 248 and Blk G 11.

A small strip shows on the Co. Map, and the well at Adobe walls was shown to be on this strip, if it existed and I understand is so leased. When you were on your tour of inspection of these lands your attention was called to this matter and you instructed me to make the connection when convenient.

My work as special surveyor having ceased this instruction could not be carried out at the time, but as the recent run closes the gap I thought I was warranted in drawing your attention to the facts as shown on the sketch, more especially as it also shows that there is no shortage on the south to alter the position of T&SL surveys as run from Blk 213.

The difference in northing between the T&SL Blks and G 4 was to be expected as we find the original N.E. cor Sur. 1 G 4 to be on the ground 652 varas south of the S.W. corner of Blk 9 H&TC although they call to be at the same point and are so shown on the earlier County maps. This would lead one to expect the north line of G4 to be on the ground south of the south line of blocks run from the north as shown on the map.

Respectfully

R. D. Dad

State Surveyor.

~~RECEIVED~~

*See letter of Correction
dated 5/17/13-*

1
Counter 15948

427
Alpine Texas May 15 1913

Report on Connecting Line between Corners in
Block 213 T. & S.L. Ry. Co. and Block 15 G.H. & S.A. Ry. Co.
Brewster Co. Texas, by R.S. Dod, State Surveyor.

RECEIVED

Hon. J. T. Robison,
Commissioner Gen. Land Office
Austin, Texas.

MAY 16 1913

Referred to Map

Dear Sir,

Under my general appointment as State Surveyor and in pursuance of the instructions in your favor of the 7th inst. I made the following Connection between Block 215 and Block 15.

Beginning point.

On examining the field notes of the T. & S.L. Ry. Co. lands I find that a row of corners was placed by the original surveyor along the south line of surveys 2, 3, 4, 5, 6 in Blk 218, and surveys 1 & 2 in Blk 213. These corners are described as rock mounds with various marks and bearings for identification. I find that they have been well known from the time they were first established and are easily identified on the ground.

On looking over the Plat of Mr. Durrell's survey between Block 213 and Blk. 15, kindly forwarded from your Office, I find that he used these corners as a beginning point.

I find no calls for marked corners in the field notes between Blk 213 and Blk 215, but each Blk in the series connects with the other and can be located by course and distance from the corners in 213. There is no call for corners or connection with other blocks on south line of the Texas & St. Louis lands. Hence their surveys will depend entirely on course and distance from the corners in Blk 213 and the position shown on the map.

The surveys west in Presidio Co. have been shown to be in conflict with the position given them on the Map relative to surveys east in Brewster Co.

A survey on record here made for Mr. Jacobs by Mr. Moss County Sur. shows a conflict between Blk A 2 G.H. & H. coming from the west and Blk C J.V. Masse coming from the east, as to their relative position on the Map.

A survey made by Mr. Reavis connecting Blk. 14 on the west and Blk 15 G.H. & S.A. on the east, and confirmed by a report made by me on resurvey of Blk 15, shows an error of a mile in the relative position of these Blks. Hence we would expect to find a possible conflict in relative position on the Map between Blks started on these westerly surveys and those begun on the east-blocks.

But the T. & S.L. Blocks connect from the east and run west, hence the original corners in Blk. 213 seemed to be the true starting point for these surveys, more especially as the conflict with the Map position is in northing and their is shown to be plenty of room east and west for surveys shown on the map between Blks 14 & 15 G.H. & S.A.

Course.

On checking on the bearings given at the N.W. corner sur 3 in Blk 213 we found that it would require a needle reading of $11^{\circ}50'E$ to give the courses from the corner to these bearings. Setting on these courses we ran our line in accordance with them, but after running some 14 miles we found that the needle reading had changed to $11^{\circ}25'E$. We left our line south west on the $S79^{\circ}30'W$ course near the old G4 ranch house, and went over to Blk 15 and ran back north east and found that the courses of the lines in Blk 15 fitted our course from Blk 213 within $01'$ of arc, As it had been shown that most of the lines in the south part of the county could be retraced by a needle course of $11^{\circ}35'E$ average, and as the matter at issue was in and about Blk 15, we placed this variation as the course on the map attached hereto.

Our course once established at the N.W. corner 3 in 213, the line was of course run by transit, dropping the needle to read and compare with each change of direction.

The line run was the one of least resistance, as accuracy in measurement was the essential point of the survey. Prominent objects were noted along our route and when on the road the U.S. Bench marks were connected with our line.

The field notes of the line run are given on the attached Plat and also tabulated as part of this report.

Two rods were used so that each distance was measured twice, and the long tangents were run with good natural objects miles away as front sights, the angle being turned so as to insure this and avoid any irregularity from inaccurate setting of either rod.

The result is given on the plat. We find the NE corner of survey ~~1~~² Blk 15

See letter of Correction dated 5/17/13
Counter 15949

→ should be north
according to sketch
1-3-16-jm r.

G.M. & S.A. Ry. Co. as run out from the original corner SE 1 at the spring, to be 218 varas west and 286 varas south of the S.E. corner sur 20 in Blk 215 as located by course and distance from the NW cor Sur. 3 in Blk 213. and the balance of the surveys are sketched in on this basis.

We connected with Mr. Durrell's corner of sur 20, and find it 326 north and 125 east of the NE cor of ~~2~~ in Blk 15.

In explanation of this apparent disagreement between Mr. Durrell's run and our location of this same corner from the same starting point, I would suggest for your consideration that on looking at Mr Durrells map you will note that both his larger and smaller triangle are made on the same point and that his report, kindly furnished me by your Office, names only one monument, whereas the fact is that there are two U.S. triangulation monuments on the Agua Frio mountain. The main monument is on the south end of the mountain and very prominent and can be seen from Mr. Durrells starting point on his larger triangle. It stands out against the sky line, while the lesser monument which is some 600 varas N E of the principal monument, is invisible from this point. But from the points of the base of his smaller triangle the principal monument can not be seen, but the second monument is plainly visible. It would seem therefore that the difference in his location of the corner and ours might be accounted for by the necessary shifting of his lesser triangle some 600 varas north of its calculated position had it been made on the principal monument. There is no topographic map of the Agua Frio district and I have never been at a point off the mountain where both monuments could be seen, so there was nothing to put Mr. Durrell on notice of this fact and he told me he was not aware of their being two monuments on the mountain.

I believe this covers all points necessary to an explanation of our run, it resolves itself simply to a question of accuracy and with this in mind we were careful to guard against error as far as possible, and have gone over the calculations carefully and submit a copy with this report.

In a run as long as this and over the rough country through which part of the line runs errors are easily made but I believe that our checks were sufficient to eliminate them on this run.

Respectfully submitted

R. L. Dod

State Surveyor

*See letter of Correction
dated 5/17/13*

Traverse from N.W. cor. Sur. 3 Block 213 T. & S.L. Ry. Co.

| | S | E | W | N |
|------------|--------|-----------------|-------|-------------------|
| S19° 30' W | 3424 | 3228 | | 1143 |
| S10° E | 1012 | 996.6 | 221.2 | |
| S21° W | 375 | 350.1 | | 134.4 |
| S25° W | 775 | 702.4 | | 327.5 |
| S20° E | 2157 | 2027.0 | 737.8 | 1050.0 |
| S8° W | 7545 | 7472.0 | | 1050.0 |
| S14° E | 2777 | 2694.5 | 671.8 | |
| S 4° 30' E | 8702 | 8675.0 | 682.7 | |
| S33° 30' E | 630 BM | 525.3 | 347.7 | |
| S45° 30' W | 5689 | 4009.0 | | 4037.5 |
| S23° 30' W | 1635 | 1495.0 | | 642.0 |
| S79° 30' W | 2102 | 383.2 | | 2068.1 |
| N54° 47' W | 177 | 162 | | 144.6 |
| N55° 30' W | 2512 | 1000 | | 2070. |
| N76° W | 1736 | 1000 | | 1684.4 |
| S61° 45' W | 3343 | 1582 | | 2045. |
| S65° 45' W | 258 | 100.8 | | 234.3 |
| S48° 45' W | 1960 | 1292.5 | | 1473.7 |
| S21° E | 350 | 326.7 | | 125.4 |

| | | | |
|---------|--------|---------|--------|
| 55860.1 | 2661.2 | 18079.9 | 1945.0 |
| 1945. | | 2661.2 | |
| 36914.6 | Spnth | 15418.7 | West |

Traverse from N.W. cor. Sur 2 in Block 15 G.H. & S.A. to E.W. 3313 and N.E. cor. 207 Blk. G 4

| | S | E | W | N |
|---------------|--------|--------|--------|-------|
| N21° E | 350. | | | |
| East | 7600. | 125.4 | | 326.7 |
| S44° E | 1765.5 | 1269.5 | 7600.0 | |
| S79° E | 2622.5 | 501.5 | 1227. | |
| South | 173. | 173.0 | 2580. | |
| S45° E | 2788. | 1936.0 | 1936.0 | |
| S24° 05' E | 3249. | 3053.3 | 917.7 | |
| S60° E | 460 | 230.0 | 398.3 | |
| S12° 30' W | 1904. | 1859.0 | | |
| S21° 30' E BM | 403. | 372.6 | | 412.1 |
| South | 2262 | | 149.5 | |
| East | 77. | | | |

| | | | |
|--------------|-------|---------|--------------|
| BM to corner | south | 8401.9 | 14933.9 |
| | | 326.7 | 412.1 |
| | | 8075.2 | 14521.8 east |
| South 2262 | | | |
| East 77 | | 10237.2 | 14598.8 |

See letter of correction dated May 17 1913-

