

REPORT OF SURVEY

OF

SECTION 2, BLOCK 61 $\frac{1}{2}$,
PUBLIC SCHOOL LANDS,
HUDSPETH COUNTY,
TEXAS

SURVEYED - APRIL 8 - 10,
16, 17, 1929

BY

W. L. RIDER, LICENSED LAND
SURVEYOR,
EL PASO COUNTY, TEXAS

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EL PASO, TEXAS

Filed May 10 1929
J. T. Robison Com'r.
14.7. M. G. G. G.
File Clerk

Filed Notes
Rider & Egan
Hudspeth County
File No. 17

counter 26959

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El Paso, Texas,

May 1st, 1929.

Hon. J. T. Robison,
State Land Commissioner,
AUSTIN, TEXAS.

Dear Sir:-

I herewith submit the following report of survey with patent Field Notes, of Survey No. 2, Block 61½, Public School Lands, Hudspeth County, Texas, as recently surveyed by me for Charles Louis, of this City.

In order to properly locate Survey 2, I first ran out the East line of the Block commencing at the East corners of Survey 11 which were pointed out to me by Mr. Lewis, owner of Surveys 9, 10, 11 and 12, and which checked the angles between their bearings perfectly, and continued said East line of 11 northerly 3800 varas from the Northeast corner of 11. This point I adopted for the Northeast corner of Survey 1; first, because it checked the bearings for that corner reasonably close and by actual measurement proved to be precisely 6800 varas from the Southwest corner of Survey 4, Block 59, as determined by its bearings including the due West bearing to a big rock on the south point of a mountain given in the field notes of Survey 5, Block 61½, which, of course, applies to all corners along the north line of Block 61½ and the South line of Block 59 - this line to the big rock I called West, necessitating a change of four minutes in the bearings and direction of the East line of the block which is out of square with the North line that much; second, because I found by actual measurement that the aforesaid Southwest corner of Survey 4, Block 59, as located by its bearings, checked the ties of the Barlow Survey 115 to the Southeast corner of T&P Block 71, Township 7, within 6 varas East and West and 10 varas North and South, after making a correction of 13 Minutes on the Barlow lines to harmonize with my North

line of Block 6 $1\frac{1}{2}$; third, because at 3804.4 varas West of my Northeast corner of Block $61\frac{1}{2}$, I found an old rock mound which some one had set for the Northwest corner of Survey 2 only 7.6 varas South of my block line; and finally, because at 9500 varas West by actual measurement I found the bearing to Sierra Blanca given in field notes of Survey 5, Block $61\frac{1}{2}$, to check within 15 Minutes. To use the precise bearing to Sierra Blanca at the West end of the North line of the block would require moving the entire block westerly 48.56 varas, and to do likewise at the East end of the Block would require moving the entire block westward 127.26 varas, as shown on map, results which would reduce the section lengths of Blocks 59 and $61\frac{1}{2}$ beyond reason, and would not agree with the bearings on the East side of the Block.

The railroad ties on the East line of Survey 10, Block $61\frac{1}{2}$, fit fairly well. The field note tie from the Southeast corner of the Section to the GH&SA of 300 varas would necessitate moving the block line East a short distance, while the recorded distance between railroads of 770 varas would require moving it westward about the same amount, and to do either would destroy the correspondence of the bearings at the East corners of Survey 11. There is no possible way to reconcile precisely these ties with each other or with the bearings of the section corners. Therefore, they cannot control the location of the block line. The same is true of the tie to the railroad given in the field notes of Survey 5, Block $61\frac{1}{2}$, East from the Northwest corner of the Block.

Having thus fixed the North line of Block $61\frac{1}{2}$ and the South line of Block 59, and found the recorded field note distances to be correct, I fixed the north corners of Survey 2, Block $61\frac{1}{2}$, at 1900 and 3800 varas West from the Northeast corner of Survey 1, Block $61\frac{1}{2}$, and in order to give Survey 2 its full dimensions I made the East line of Survey 2 parallel to the East line of Survey 1 with a direction of South 0 Degrees 4 Minutes West and a length of 1900 varas.

For the South line of Survey 2, I ran West, or parallel with the North line of the Survey, until I intersected the East line of Barlow Survey 115 as generally recognized and as shown on the town plat of Sierra Blanca, at a distance of 1478.13 varas as against 1383 in the recorded field notes, and 53.12 varas above the Southeast corner of the Barlow Survey instead of 36 varas as in the field notes.

My location of Barlow Survey 115 fits its bearings to the depot, and an old rock mound at its Southwest corner, but its ties to railroads do not check its bearings or each other; hence, they must be ignored. No one questions my location of Barlow Survey 115 or of McGown Survey north of it, the latter being entirely dependent on the Barlow for its location.

Survey 9 was patented on the recorded field note calls without being surveyed, and therefore the errors of distance in its north line were not discovered. It would seem advisable, if possible, to withdraw the patent of 9 for correction in harmony with my location of Survey 2 which the great preponderance of the available evidence proves to be correct.

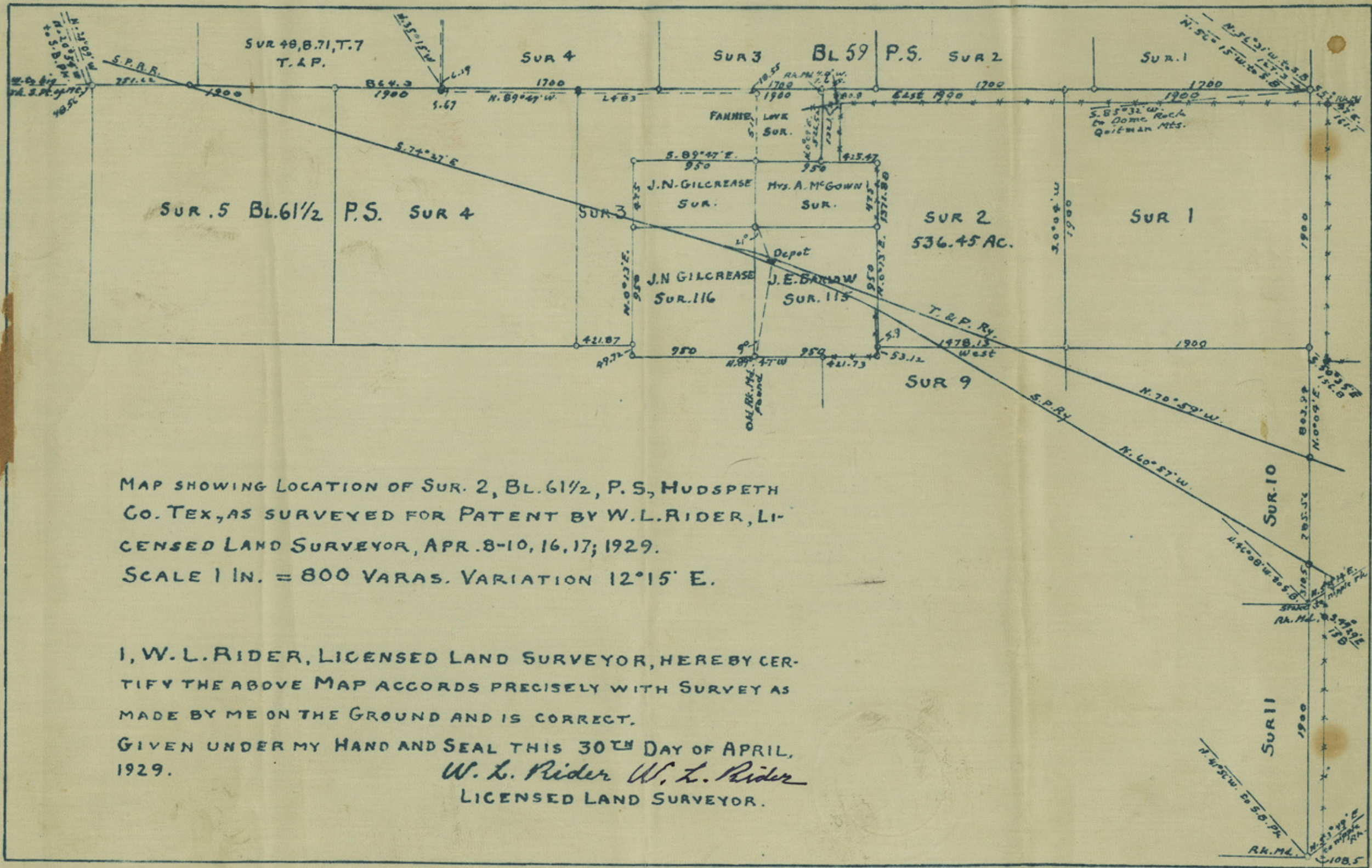
As regards the Fannie Love Survey, the owners have fenced in part of Survey 2, but are disposed to put their fence where it belongs. Being a part of Survey 3, it could not properly overlap Survey 2, or obtain limitation on the same before it is patented. Other fences parallel my north and east lines of Block 61 $\frac{1}{2}$ farther east and south as shown, and are based on a false location of the Southeast corner of T&P Block and Southwest corner of Block 9 where there is a rock mound(not shown on map) which fits them and the Fannie Love fence very closely.

My needle indicated a variation of 12 Degrees 15 Minutes on the lines as run.

Respectfully submitted,

W. L. Rider

W. L. Rider,



MAP SHOWING LOCATION OF SUR. 2, BL. 6 1/2, P. S., HUDSPETH CO. TEX., AS SURVEYED FOR PATENT BY W. L. RIDER, LICENSED LAND SURVEYOR, APR. 8-10, 16, 17; 1929.
 SCALE 1 IN. = 800 VARAS. VARIATION 12° 15' E.

I, W. L. RIDER, LICENSED LAND SURVEYOR, HEREBY CERTIFY THE ABOVE MAP ACCORDS PRECISELY WITH SURVEY AS MADE BY ME ON THE GROUND AND IS CORRECT.

GIVEN UNDER MY HAND AND SEAL THIS 30TH DAY OF APRIL, 1929.
W. L. Rider
 W. L. Rider
 LICENSED LAND SURVEYOR.