

F.C. Metzger
June 2, 1932

Dallas, Texas,
August 2, 1932.

1847

Report on survey of Sections 574
and 576, B.S. & F., Duval County,
Texas.

RECEIVED

Hon. J. H. Walker,
Land Commissioner,
Austin, Texas.

SEP 12 1932

Dear Sir:

REFERRED TO MAP

Herewith we hand you our report on a survey recently completed covering Sections 573, 574, 575, 576, B. S. & F. in Duval County, Texas.

These sections were originally surveyed by Mr. C. F. H. v. Blucher, and the object of our survey was to retrace his footsteps and re-locate the corners and boundaries of these sections as he originally placed them. It was particularly desired to re-locate the section line between Sections 574 and 576.

The following report gives in detail all lines run, locates all objects, natural and artificial, which were found. Certified copy of the notes of the surveyor, C. F. H. v. Blucher, are attached as an exhibit "A". Also letters and affidavits pertaining to this matter are attached. Conclusions reached from study of this information and map depicting same is respectfully submitted for your consideration.

The general plan of making this survey was to run lines on or near the section lines, using these lines as base lines to which all objects of interest were carefully tied in. The country is heavily covered with brush, making it necessary to cut a sendero for every line. The base lines were run around Sections 573, 574, 575 and 576. These circuits were closed and checked by latitudes and departures. Branch lines were run from the North corner of 573 to the North corner of 582; from the North corner of 575 to the North corner of 581; and from the West corner of 575 to the West corner of 579. Distances were measured with a fifty vara steel tape. Due to the number of wells, pipe lines, telegraph lines, etc., in Sections 574 and 576, which would attract the needle and affect its accuracy, it was considered impractical to attempt to run needle lines. Therefore, all lines were run by fore and back sights from hubs with tack centers.

During the course of the work a careful observation was made on Polaris at elongation, true North determined, and all courses are calculated from true North. The declination of the needle was determined to be 10° 03'.

The work was done intermittently through May, June and July. A more detailed description of field work done follows:

Beginning at Station 1, a fence corner, the south corner of M. Ruiz land and east corner of J. A. Cano land, which they have always recognized as their common corner. This point has been generally considered to be the south corner of Section 574 and is called the south corner of Section 574 in patent dated April 20, 1932, from State of Texas to Anastacio Nunez covering the south one-quarter of Section 574, photostatic copy of which is attached hereto as exhibit "F". The witness tree to this corner, a Frijollio N. 8 varas, was not standing, but we dug at the proper course and distance and found Frijollio roots (see affidavits of Juan Garcia and Nicolas Garcia attached to this report as exhibit "B"). We are fur-

ther convinced that this is the original south corner of Section 574 by the statements in letter, Hayes Dix to E. J. Foster, photo-static copy of which is attached (see exhibit "C"). Further evidence supporting claim that this point is the original south corner of Section 574 is presented in affidavit of John B. Peal, which is attached (see Exhibit "D").

Thence from Station 1, N. $44^{\circ} 31'$ E, with old fence at 944.9 vrs. stake and rock set by John Dix for S. corner tract awarded to Pedro Hernandez or S. corner of East 1/4 Section 574. At 947.6 old fence runs NW. Set hub for Station No. 2.

Thence from Station No. 2 N. $44^{\circ} 26'$ E. with old fence at 893 vrs. stake set by E. J. Foster for East corner Section 574. Set hub for Station 3.

From Station 3, we ran NE 58 vrs. and then NW 80 vrs. to old rock pile and stake mkd. "C" which we believe is original NW corner Section 126.

From this old stake mkd. "C" ran East 196 vrs. to old stone and stake mkd. "H".

Returning to Station 1, thence with old fence N $45^{\circ} 42'$ W - 999.4 vrs. to fence corner set hub for Station 4. The old fence turns and runs NE from this point.

Thence from Station 4, N $45^{\circ} 14'$ W. at 950.8 vrs. Foster's stake for West corner Section 574, set hub for Station 5.

Made careful search for original corner at this point but found nothing. Thence from Station 5, N $44^{\circ} 40'$ E at 1560 vrs. point on top Loma Atravada at 1841 rock and old stake set in ground from which stump of mesq. tree brs. N $50^{\circ} 45'$ W - 10.5 vrs. I believe this to be the original N. corner of Section 574. Made Station 6 on the rock.

Thence from Station 6, ran S. $45^{\circ} 26'$ E. 952.5 vrs. to hub for Station 7.

Thence from Station 7, ran S. $45^{\circ} 34'$ E. 993 vrs. to Station 3, thus closing our transit line around Section 574.

Returned to Station 5, thence ran S. $44^{\circ} 37'$ W - 1900.7 vrs; to hub for Station 8. We searched carefully for original witness tree called for at this corner, (Mesquite \equiv N. $55'$ W - 8 vrs). The first two times we searched for this tree, we failed to find it. Later, after securing Mr. V. Blucher's field notes and finding the corner he ran from to set the West corner of Section 576, we were able to determine closely where this tree should be found. We then returned to Station 8 and soon found the original mesquite witness tree. The tree was about 6" in diameter and was dead and down, but was still slightly attached to its roots. The three hacks were well preserved and unmistakable. On raising the tree and fitting it to its old roots, the three hacks faced Southeast. We re-established the corner from this tree S. 55° E - 8 vrs. and set a mesquite post mkd. \equiv . From Station 8, this corner post brs. S $71^{\circ} 03'$ E - 40.2 vrs.

From Station 8, ran S $45^{\circ} 25'$ E - 1956.1 vrs. to hub in old fence-line for Station 9. We searched carefully in the vicinity of Station 9 for the original stake at south corner of Section 576 but found nothing.

From Station 9, ran N 44° 30' E - 953 vrs. with old fence to hub for Station 10.

From Station 10, ran N 44° 23' E with old fence, at 805 vrs. pass fence running SE, at 837 vrs. pass stake^{recently} set by Hayes Dix for S. corner Section 574 and E. corner 576. At 953 vrs. to Station 1, thus closing transit line around Section 576;

Having run our lines around Sections 574 and 576, it appeared advisable to run the lines of Section 573 and 575. We wanted to follow the footsteps of C. F. H. v. Blucher, the original surveyor and the best place to pick them up appeared to be in the canon on the NW line of Section 575. Mr. v. Blucher kindly furnished us with a certified copy of his field notes, which we attach hereto as Exhibit "A". A plat was prepared from these notes showing them graphically, which is attached to this report as Exhibit "E". With this information in hand, we knew which lines had been run in the field and which lines had been filled in, in the office. Mr. v. Blucher spent a day in the field with us and gave us the benefit of what he remembered about his work in 1876.

From Station 8, ran N 45° 14' W - 1900.8 vrs. to a hub for Station 21.

From Station 21, ran N. 44° 46' E. - 687 vrs. to mouth of canon, set hub for Station 22. Found a large rock monument and old brazil stake to the left which I believe marks the point at end of the canon meanders.

From Station 22, ran N 34° 36' W - 41.4 vrs. to rock monument for Station 11.

From Station 11, ran canon de Santa Maria meanders as follows:

N 36° 31' E	- 56 vrs.
N 37° 31' E	- 76 "
N 45° 16' E	- 97 "
N 63° 31' E	- 86 "
N 38° 46' E	- 33 "
N 68° 16' E	- 59 " to hub for Station 12.

You will note the courses of these meanders vary by 14 minutes from those given in field notes. After taking our observation on Polaris, it was necessary for us to correct our courses by 14' so they would read from true north, which brought about the 14' difference noted above. Mr. Blucher did not state what declination he used in his work. The meanders of the canon as we ran them fitted the ground very well. I know we were following Blucher's footsteps very closely; therefore, the difference in courses is largely due to difference in declination used.

From Station 12, ran N 44° 46' E - 687 vrs. set a hub for Station 13. This is 27 vrs. past stake set by Mr. Blucher in his field work which he called "Q" at or near the north corner Section 575.

From Station 13, ran N 44° 46' E - 161.3 vrs. and set hub for Station 14. At 6.8 vrs. NW of Station 14, we found a rock 8" x 12" x 24" in size, laying on its side but the coloring of the rock disclosed that until recently, it had been setting upright, with one end in the ground. A depression in the earth at this end of the rock showed where it had stood. No other rocks were in this vicinity. This rock was a very hard conglomerate sandstone similar to the rock outcrop on Soledad hills some distance away, and I have no doubt it had been hauled in and set to mark the position of Mr. Blucher's stake L. It was from this

stake that Mr. Blucher ran S 45° E - 1900 vrs. to stake M, and thence S 45° W - 1874 vrs. to the West corner of 576 and marked the mesquite Ξ , N 55° W - 8 vrs. from said corner. It was only after finding this rock at point L and calculating where the mesquite should be with respect to our Station 8, that we were able to find the tree.

From Station 14 ran N 44° 46' E - 1767.4 vrs. to hub for Station 15. Found rock set for N. corner Sec. 573, N 45° 14' W, 42.2 vrs. for 15-A.

From Station 15-A, ran S 46° 21' E, 1938.3 vrs. to rock and Station 6 at north corner Section 574, thus closing my transit line around Sections 573 and 575.

From Station 15-A, ran N 44° 52' W - 1921.7 vrs. to rock and Station 16, the original north corner of Section 582. Found Frijollio snag N 20° 45' W - 13 vrs. This is the point called "Y" in Mr. Blucher's notes.

Returned to Station 13 and ran N 45° 14' W - 1900.8 vrs. set hub for Station 17. Did not find Mr. Blucher's stake here, but Station 17 fell in derramadero (low place or mud hole in wet weather) as per his notes.

Returned to Station 21, and ran S 44° 46' W - 134.2 vrs. set hub for Station 18. At this point I found the mesquite tree mkd. "X" by Mr. Blucher and recorded in his notes as a witness to his stake mkd. R.P. This "R.P." corner was re-established from this tree - S 68° 15' W - 17 vrs. The R. P. corner was then found to be N 45° 14' W - 36 vrs. from Station 18. I believe this R.P. stake to be undoubtedly the original north corner Section 577 and West corner Section 575.

From Station 18, ran S 44° 46' W - 1938.6 vrs. to hub set for Station 19. Here I found stake, rock, and original witness tree for north corner 579, and west corner 577, located N 45° 14' W 20.7 vrs. from Station 19. The Frijollio witness tree was N 22° 15' W - 25 vrs. from stake and rock.

From Station 19, ran S 44° 46' W - 1943 vrs. to hub for Station 20. At Station 20 we found an old rock corner N 45° 14' W 5 vrs. which we accept as west corner of Section 579.

Mr. Blucher's notes do not call for rock corners. Who did place them is a matter of interest. Alejo de la Garza was getting sections 573, 575, 577, 579, and Julian Palacios was getting Sections 581 and 585; also probably planning on buying from State, Sections 582 and 586. These two men employed Mr. Blucher to make these surveys. At the time he made them, he tells me Palacios and Garza were herding sheep in this vicinity and had wells in canon de Santa Maria. Mr. Blucher tells me that Alejo de la Garza was a very careful man, and it is his opinion that he set the rocks by Mr. Blucher's stakes to mark the line between his land and Julian Palacios. We find in the notes of John Dix that he found the rock set at Mr. Blucher's point L on October 15, 1882. Therefore, we know the rocks were placed not long after Mr. Blucher's survey.

On October 10, 1882, Mr. French's notes show that he was running along the NE line of 573, 574, and 582. At the north corner of 573, he finds old corner stake and rocks. He goes to this corner stake and sets a rock S 45° W - 28 vrs. I believe the rock I found at Station 15-A to be French's rock. Mr. Blucher ran a straight line from the north corner of Section 582 S 45° E for three miles. French's corner at N of Sec. 573 would therefore not be in line between Blucher's corners found at the north corners of Sections 574 and 582, which is the way we found them on the ground.

From Mr. French's notes, we also find that he found stake and Frijollio witness tree at N corner of 582 on Oct. 11, 1882. He states that he set rock at stake, which accounts for the rock we found at proper course and distance from the Frijollio.

From the field work described above, we have located Mr. Blucher's original west corner of Section 576 and north corner of Section 574. The distance between these corners as measured is 3,724.5 vrs. The NW line of 576 is called to be 1900 vrs. Also the NW line of 574 is called to be 1900 vrs. Obviously one or both of these lines will have to be short. Both sections 574 and 576 are units in a block, and neither section has more dignity or seniority than the other. Therefore, the shortage in the NW lines should be shared equally and I place the north corner of 576 (west corner of 574) half-way between the west corner of 576 and the north corner of 574.

In re-locating the south corner of 574 (east of 576) weight must be given to the testimony and evidence that the old fence corner was located at the original survey corner; namely, letter of Hayes Dix stating that he and his father found the stake and witness tree standing at fence corner in 1906 and again in 1907;

That Mr. John Dix was employed to survey and did carefully survey the lines for the fence as it was built. (See John Peal's affidavit); "D"

That Frijollio roots were found at the course and distance from the fence corner as called for the original Frijollio witness tree.

In addition to this evidence and testimony, we are able to prove this corner by connecting it to La Sarnosa Mountain. La Sarnosa is a steep rock hill jutting up about 40 feet high.

Mr. Blucher in his field notes for Section 574, runs a connecting line from the north corner of Section 570 to the south corner of Section 574 as follows:

N 35° E - 1975 vrs. The north corner of Section 570 could not be found, although more than a day was spent in a most careful search. Mr. French ties this corner to La Sarnosa in his field notes for Section 130. We re-located it according to notes of Section 130 (440 vrs - N 45° W from summit of La Sarnosa). Presumably this location would be at or near the north corner of 570 as located by Caldwell (Actually set by Mr. v. Blucher--see his field notes attached as Exhibit "A").

From this location of the north corner of Section 570, we ran out the tie N 35° E - 1975 vrs. and did not reach the south corner of 574 at the fence corner or at point claimed by Dix for corner.

An examination of the notes of Mr. v. Blucher revealed the fact that he actually made this tie to N corner of Section 570 by running from the stake he had set for the south corner of Section 574 as follows:

"S 19° 45' W - 2169 vrs,
 NW - 368 "
 Thence to stake of Geo. Alanis SW 18 vrs."

We ran this connecting line from the south corner of Section 574 at fence corner but before doing so we made the following computation. It was noticed that the distances between Mr. Blucher's corners measured uniformly longer than he called for them. In order to arrive at the average amount of excess in his chaining, we compared our measured distances with his between known original courses as follows:

<u>Location</u>	<u>Our Measure</u>	<u>Blucher's Measure</u>
W. cor. 579 to N. cor. 579	1943 vrs.	1900 vrs.
W. " 577 to N. cor. 577	1939 "	1900 "
W. " 573 to N. " 573	1954 "	1900 "
N. " 582 to E. " 582	1922 "	1900 "
N. " 573 to E " 573	1938 "	1900 "

Average excess per mile: 39 vrs.

This is .02 percent excess

Adding this percent excess to the distances given in Mr. Blucher's tie to N. corner of Section 570, we get the following:

2169 x 1.02 = 2212 vrs.
 368 x 1.02 = 375 "
 18 x 1.02 = 18 "

We believe that by using these corrected measurements in running out Mr. Blucher's tie, that we would follow his footsteps closely. This line was run on the ground. We did not find the original N. corner of 570, but at the end of the run we set a hub and produced a line S 45° E. This line goes over La Sarnosa, proving that we were at or near the original N. corner of Section 570, and thereby proving the location of the S. corner of Section 574. This same tie was made from the S. corner of Section 574 as ^{now} claimed by Hayes Dix. The N. corner Section 570 was not found, and when the line was produced S. 45° E from the end of this tie, it passed west of Sarnosa, proving that Dix's south corner of 574 is not in the original position.

Therefore, in view of the evidence and testimony relative to this corner and the result of the tie, described above, we accept the old fence corner as the location of the original south corner of Section 574 (E. cor. Sec. 576).

We now have the south corner and the west corner of Sec. 574 re-located. We ran a line between these corners on course of N. 46° 08' W - 1933.0 vrs. for the dividing line between Sections 574 and 576.

The SE line of 576 is re-established by running from the E. corner of 576 on a course of S 44° 30' W. The SE line of 574 is re-established by running from the S corner of 574 on a course of N 44° 30' E. These courses if run with the declination of needle apparently used by Mr. Blucher would be N 45° E or S 45° W. Therefore, to run them as they were originally, the course of N 44° 30' E is used.

To re-establish the south corner of Section 576 a line is run S. 45° 30' E from the original west corner of 576 to intersect the SE line of Section for south corner.

25° 17' 42" as shown

Counter 21347

To re-establish the east corner of 574 a line is run from the original N. corner of Section 574 on a course of S 45° 30' E to an intersection with the SE line of Section, for east corner.

We understand the stake recently set by Mr. Hayes Dix for the south corner of Sec. 574, was located 28 vrs. NE of the north corner of Section 130. The authority for this being the fact that Mr. French, who originally surveyed Sec. 130, calls for the S. cor. of Sec. 574 to be 28 vrs. NE of his north corner of Sec. 130. We found no evidence of the original north corner of Section. 130 on the ground; although we found a new stake marked "N. cor. Sec. 130", presumably set by Mr. Dix. On the assumption that the stake set by Mr. Dix might be the correct S. cor. of Sec. 574 (E. cor. 576), we searched thoroughly a mile northeast, a mile southwest, and a mile northwest, from the stake set by Mr. Dix, looking for the other corners of Sec. 574 and 576, but found nothing.

Section 130 was surveyed four years after Mr. Blucher surveyed Section 574, therefore it is a junior survey. We do not consider it sound surveying to locate a senior survey from a junior survey. We have concentrated our work in the field on an effort to find the original work done by Mr. Blucher. We obtained all the notes and records available to assist us in this work. The foregoing pages give an accurate and complete report of everything found, and we trust that the lines and corners of Sections 574 and 576 as we have re-located them will meet with your approval.

Respectfully submitted,

F. C. Metzger

Licensed State Land Surveyor.

FCM-jsm

Field notes of Alejo Garza and Julian Palacios, Duval County.
Beginning October 30, 1876.

(Bk. 42,
Pp. 7) Began with meandering canon from Brazil post O.
Thence S $68\frac{1}{2}^{\circ}$ W. 59 vrs; S 39° W. 33 vrs; S. $63\frac{3}{4}^{\circ}$ W. 86 vrs;
S $45\frac{1}{2}^{\circ}$ W. 97 vrs; S $37\frac{3}{4}^{\circ}$ W. 76 vrs; S. $36\frac{3}{4}^{\circ}$ W. 56 vrs; Thence
S 45° W. 649 vrs. stake from which Sarnosa bears S. $42\frac{1}{2}^{\circ}$ E.
Thence S 45° W. 160 vrs. put stake R. P. from whence mesq.
mkd. X brs. N. $68\frac{1}{2}^{\circ}$ E. 17 vrs. Thence N. 45° W. at 1900 put
stake. Thence same brg; at 1900 put stake; Thence N. 45° E.
at 750 vrs. to top of Loma Soledad; 1900 vrs. stake (mkd) ///
on two sides.

(Bk. 42,
Pp. 7,8) Oct. 30, 1876 wind S. E. strong.
Thence from Brazil post in Cañon N. 45° E. 660 vrs.
stake Q. Thence 160 stake L. Thence S. 45° E. 1900 stake M;
Thence S 45° W. at 1874 vrs. put stake from whence a mesq. =
brs. N. 55° W. 8 vrs.

<R.P>
Thence from M. P. S. 45° W. at 1860 Der. de Blucher
at 1900 put stake G from whence a Frijolio 8 brs. N. $22\frac{1}{2}^{\circ}$ W.
26 vrs; Thence S. 45° W. at 700 left Mota de Comas Charco to
right 50 vrs; at 1900 stake; Thence N.W. 1900 vrs. stake from
whence a Guisachillo 8 brs. S $34\frac{1}{2}^{\circ}$ W. 20 vrs.; Thence N.E. at 1900
stake.

(Bk. 42,
Pp. 9) Wednesday, Oct. 31, 1876, S.E. wind very strong,
sky covered.

Thence from stake Q. N.W. 1900 vrs. stake in Derr.
Thence N.E. 26 vrs. stake; Thence NE. at 1900 stake Y from
whence Frij. /// brs. N. $20\frac{1}{2}^{\circ}$ W 14 vrs. Thence N.W. line passes
through a very hilly country covered with cactus and brush, small
growth, at 1900 stake;

Thence from Y S. 45° E. 1900 stake; Thence S.E. at 1900
stake from which mz. // brs. N. $50\frac{3}{4}^{\circ}$ W. 12 vrs. Thence S.E.
at 1900 put stake; Thence S.W. at 1900 vrs put stake = from
whence a Frijolio mkd. = brs. North. Thence for connecting
line S $19\frac{3}{4}^{\circ}$ W. 2169 vrs; Thence N.W. 368 vrs. Thence to stake
of Geo. Alanis S.W. 18 vrs.

(Bk. 42,
Pp. 12) Continuation of Garza & Palacios surveys Nov. 4, 1876
Saturday.

Beginning at G. Thence S.E. at 1900 stake, a
Retamachina brs. S $86\frac{1}{4}^{\circ}$ W 19. Thence S.W. at 1900 vrs put stake
from whence a mesq = brs. S. $76\frac{3}{4}^{\circ}$ W. 5 vrs. Thence S.E. at 1900
vrs. stake from whence a stake mkd \bar{x} brs. S. $22\frac{3}{4}^{\circ}$ E. 9 vrs.

Finis

THE STATE OF TEXAS,
COUNTY OF NUECES.

I, C. F. H. v. Blucher, County Surveyor of Nueces County, Texas,
do hereby certify that the foregoing copies of fieldnotes entitled "Fieldnotes
of Alejo Garza and Julian Palacios, Duval County, Beginning October 30, 1876,"
are true and correct copies taken from my fieldbook No. 42, pages 7 to 12 in-
clusive, of certain surveys in Duval County, Texas, made by me from October
30th to November 4th, 1876, inclusive, for said Garza and Palacios by direction and
instructions-----of Lafayette Caldwell the District Surveyor of
Nueces Land District at that time, and that I duly returned fieldnotes of said
surveys to said Lafayette Caldwell.--This 5th day of August, 1932.

C. F. H. v. Blucher
County Surveyor Nueces County, Texas.

(Bk. 42,
Pp. 1, 3)

Surveys for Geo. Alanis, Oct. 19, 1876.

Beginning at North cor. of Geo. Alanis surv. No. 1 (as per map) Thence N. 45° W. 620 vrs to Der. Sarnocita, 1194 put stake I, at 1900 stake from whence Brazil tree /// brs. N. $48\frac{3}{4}^{\circ}$ E. 6 vrs. Thence from I, N 45° E. at 520 vrs. Derro. del Sarnocita, at 1591 vrs. to stake X for north corner Abt. 2 and East cor survey No. 9 from whence mesq. mkd = brs. S. 40° E 33 vrs; Thence S 45° E. 496 vrs stake. Thence from X, N. 45° W. at 360 Derro. del Sarnocita at 2270 vrs. stake for north corner No. 9 from whence a mesq. mkd X brs. S. 66° W. 176 vrs. Thence N 45° W at 1200 vrs. Derro. del Sarnosa, at 1760 vrs. mountain Sarnosa. Thence from 1760 offset to S.W. 86 vrs. Thence N.W. at full distance 2270 vrs. return to old line by offsetting to N.E. 86 vrs. put stake for corner N from whence mesq. = brs. S.W. $\frac{1}{2}$ vr. Thence S 45° W. at _____ left El Salerito Mountain about 75 vrs. to the right.

Friday Oct. 20, 1876.

(Bk. 42,
Pp. 4)

Thought there was an error, chained over from stake N. to Salerito which I found to be 1020 vrs (20 vrs error) Thence same course at 1591 put stake for west corner No. 10 from whence a large double Pitabrs. N. $17\frac{1}{4}^{\circ}$ W. 21 vrs. Thence S 45° E. 336 vrs stake at 975 vrs. to Derr. Sarnosa for north corner No. 6; Thence same bearing at 1900 vrs. stake T for East corner No. 6 from whence a mesquite T brs. N $7\frac{3}{4}^{\circ}$ W. 11 vrs. Thence same bearing 336 vrs stake B for West corner No. 9. Thence from T, S. 45° W at 1900 put stake / from whence a mesq L brs S. $38\frac{3}{4}^{\circ}$ E 25 vrs. Thence same course at 1900 vrs stake D from whence a mesq. marked (8) brs. S. $8\frac{3}{4}^{\circ}$ E 25 vrs. Thence N 45° W, at 1900 vrs. put stake V from whence a mesq. marked V brs. S. 1 E. 6 vrs. another marked = N. $70\frac{1}{4}^{\circ}$ W. 14 vrs.

A. J. J. Gottlieb) Chain-
Ponciano Alanis) Carriers.

Finis

THE STATE OF TEXAS,
COUNTY OF NUECES.

I, C. F. H. v. Blücher, County Surveyor of Nueces County, Texas, do hereby certify that the foregoing copies of fieldnotes entitled "Surveys for Geo. Alanis, Oct. 19, 1876," are true and correct copies taken from my fieldbook No. 42, pages 1 to 5 inclusive, of certain surveys in Duval County, Texas, made by me during _____ October 19th and 20th, 1876, for said Geo. Alanis, by direction and instructions of Lafayette Caldwell, the District Surveyor of Nueces Land District at that time, and that I duly returned the fieldnotes of said surveys to said Lafayette Caldwell.

This 5th day of August, 1932.

C. F. H. v. Blücher
County Surveyor Nueces County, Texas.

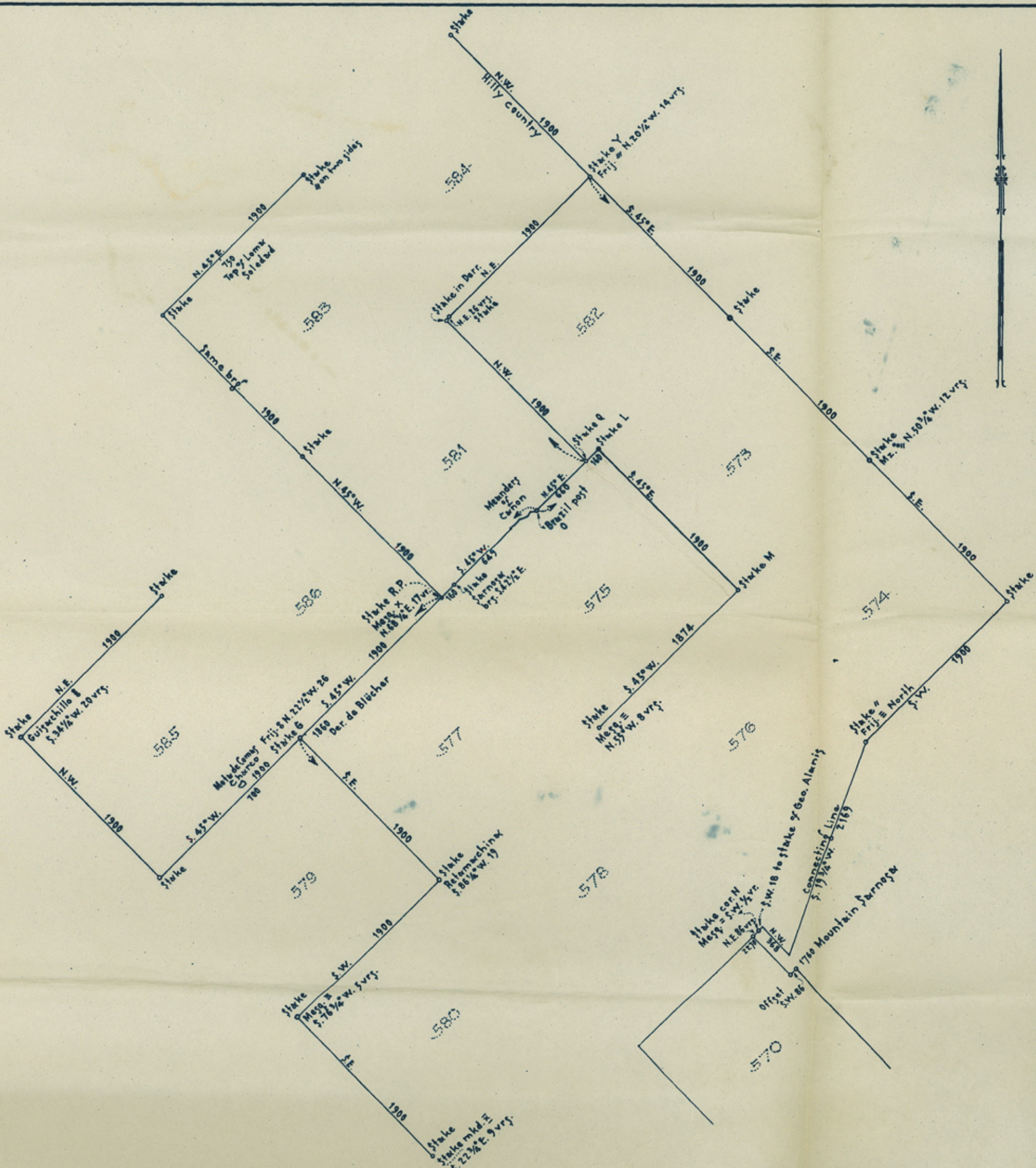


Exhibit "E"

Plot made from
 Original Field Notes
 of C. F. H. von Blücher
 Scale: 1" = 1000 vrs.

State of Texas,
County of Duval.

Before me, E. R. Gallagher, a Notary Public in and for Duval County, Texas, on this day personally appeared Nicolas R. Garcia and Juan Garcia, both parties well known to me, and both are credible persons, and they being each duly sworn, on their oath state as follows;

That they are both residents of Duval County, Texas, and that on or about the 17th day of May, 1932, they were working for Arch Clark, W. M. Billis and A. C. Elkins, who were doing surveying work in the Western part of this County;

That the said Arch Clark took them to what is known as the Jose Angel Cano tract of land, said tract of land being the East quarter of Section Number 576, Abstract Number 1822, so they were told by the said Arch Clark; and were also told by him that according to the records there should be a FRIJOLIO bush eight varas North of the East corner of Section Number 576; the said Clark told us that he did not know what a Frijolio bush was or looked like; and that they then began to look for said bush where the said Clark said it should be;

That they could not find such Frijolio bush where the said Clark said it should be, and they were then told to dig into the ground at the place where said bush was supposed to be, and after digging down some distance they found the roots of a Frijolio bush;

After that the said Arch Clark began his survey from a point eight varas South of the ^{place} where they found the Frijolio, which was the corner of a fence, the corner post of which is a large, heavy post, well braced with both wooden posts and wires, the ends of which are buried in the ground, which indicates that said post when placed in its present position, was done so with the object of making it a permanent corner;

Affiants state that they helped the said Arch Clark and his crew survey all around said Section number 576, and around what is known as the Jose Angel Cano quarter section;

: Exhibit "B"

Affiants further state that that on the North East side of said Jose Angel Cano survey, as well as on the South East side there is at this time an old fence that looks like it has been in its present place for twenty five or thirty years.

Witness our hands this 22nd day of July, 1932.

Juan Garcia

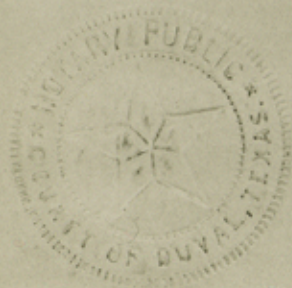
Nicolas R. Garcia

Subscribed and sworn to before me by Nicolas R. Garcia and Juan Garcia, this 22nd day of July, 1932.

E. R. Gallagher

E. R. Gallagher.

Notary Public in and for Duval County, Texas.



Corpus Christi, Texas, May, 16th, 1932.

Mr. E. J. Foster
Laredo, Texas.

In answer to yours of the 15th.

On January, 1st, 1906, the East 1/4 of Sec 574 was awarded to Pedro Hernandez and my Father, John J. Dix, was employed by Hernandez survey it for him, I was with him, He began at the South corner of 574, the old corner stake was still standing, and the bearing was found, a Frijolio Mkd.---, North 8 Vs., from this corner he ran N 45 E, at 950 Vs he set the South corner stake of the Hernandez East 1/4, and continued on but before getting the additional 950 Vs he intersected a fence that was supposed to be on the dividing line between surveys 574 and 126 and crossing this fence and completing the distance needed, we found an old stake standing in a rock mound, just about 50 or 60 Vs after crossing the fence. I do not know but I do not suppose that this fence has ever been changed, we then completed the survey setting all four corners.

When my Father and I surveyed the lines for Smith & Corkill to fence all that country, they did not cut out 574 but had us leave it in their pasture, and I am sure that they never changed this fence to our line, along the N.E. line of 574.

On May, 20th 1907, Anastacio Nunez was awarded the South 1/4 of 574, and his Father Nicolas Nunez told me that Hernandez had moved the South corner stake of his East 1/4, down on to the South 1/4, and on September, 12th, 1907, he took me out and I chained the S.E. line of this South 1/4, beginning at the same South corner of 574, which was still on the ground, and chaining N 45 E, to the South corner stake of the East 1/4, ~~xx~~ I found the distance to be 946 Vs a difference of 4 Vs over my chaining when we surveyed the Hernandez land.

Smith & Corkill failing to acquire these two 1/4 sections, they finally wanted them fenced out of their pasture, but they never had it surveyed by me or my Father.

I never did any work in either 574 or 576 at the instance of Cano or Ruiz, and I do not believe that any one else has.

If you want to look for these corners from another angle, I can tell you how to find the West corner of sec. 577, so that you can go to it without having to run for it, I found it in May, 1922.

Yours truly

Corpus Christi, Texas.
Box 830. Rt. 2.

Hayes Dix

Exhibit "C"

State of Texas,
County of Jim Hogg.

Before me, J. Frank McGee, the undersigned authority, on this day personally appeared John B. Peal, well known to me and a credible person, and who being by me duly sworn on his oath states and deposes;

That about the month of August or September, 1895, he came to Duval County, Texas, and went to work for E. Morris, as ranch foreman on the Parilla ranch, and so continued to work for about eighteen months, when the said E. Morris became insolvent, and the Parilla ranch was then taken over by Smith & Corkill;

That he continued to work with the last named firm for about eight or nine years, and that the Parilla ranch adjoins on the south, the Duval County Ranch, formerly owned by Smith & Corkill;

That about the year 1898, Smith & Corkill employed Capt. John . Dix to survey a part of the east line of the present Duval County Ranch pasture, from a point along the north line of the Parilla ranch in a northerly direction, which east line divided the Duval County Ranch from the Animas ranch, and further north divided the Duval County Ranch from the Hubberd ranch on the east;

Affiant states that during said survey he was at the surveying camp of Capt. Dix many times, and was with him frequently while he was running said survey lines, and that he became well acquainted with the line as surveyed at that time;

That he remembers Capt. Dix was very careful and exact in his surveys, for the reason that when any slight mistake was made in said surveying, that Capt. Dix would always return to his starting point and correct any errors made by him,

Affiant would further state, that afterwards, and within a very short time of said survey, he took the contract to build a fence along the lines so surveyed and did build said fence, and that all fence corners set by him in the building of said fence were set exactly where he found the corner stakes or posts set by the surveyor and that said fence was built exactly on the survey lines as made and surveyed by Capt. Dix;

Exhibit "D"

Affiant states that he is well acquainted with fence running north west and south east, between the south east one-half of section No. 574 and section No/ 576, and that the east one-quarter (1/4), of said section No. 574 was owned then, or afterwards by one Pedro Hernandez; that the south one-quarter (1/4), of said section was owned then, or afterwards by one Nicolas Nunez; and that the east one-quarter (1/4), of section 576, was owned then, or afterwards by one Jose Angel Cano;

Affiant states that the division fence between the two quarter sections, owned ny Nicolas Nunez and Jose Angel Cano, was built by affiant in the year 1898, and was built on the line as surveyed by Capt. Dix at that time, and that said fence line is and has always been considered as being on the correct survey line between these two quarter sections, and that until this time no one, so far as this affiant knows, has ever questioned said survey or fence line.

Witness my hand this 18th day of July, 1932.

J B Peal

Subscribed and sworn to before me by John B. Peal, this 18th day of July, 1932 .

Frank M. Lee

County Clerk, Jim Hagg Co. Tex

In the Name of



the State of Texas

To All to Whom These Presents Shall Come, Know Ye:

I, **R S STERLING**, Governor of the State aforesaid, by virtue of the power vested in me by law and in accordance with the laws of said State in such case made and provided, do by these presents Grant to

ANASTACIO NUNEZ,**HIS**

heirs or assigns forever, **ONE HUNDRED SIXTY (160)** acres of land situated and described

as follows: In **Duval** County, known as the **S 1/4** of section **574**, certificate **1/451, B S & F**, about **25 miles N 86 W** from the county site

Bought and fully paid for on the application of **Anastacio Nunez** filed in the General Land Office **2nd April 1907.** under the laws regulating the sale of Public Free School Land.

Beginning at the **S** corner of section **574**, a stake, the **S** corner of this tract;

Thence **N 45 W** with fence, the **SW** bdy line of sec **574**, **950** varas a stake, the **W** corner of this tract;

Thence **N 45 E**, with fence, **950** varas a stake, the **N** corner of this tract;

Thence **S 45 E**, with fence, **950** varas a stake on the **SE** bdy line of sur **574**, the **E** corner of this tract;

Thence **S 45 W**, with fence, the **SE** bdy line of sec **574**, **950** varas to the place of beginning.

All the minerals in the above described land are reserved to the State.

Hereby relinquishing to **HIM** the said **ANASTACIO NUNEZ** and **HIS** heirs or assigns forever all the right and title in and to said land heretofore held and possessed by the said State, and I do hereby issue this Letter of Patent for the same.

(F-98181)

IN TESTIMONY WHEREOF, I have caused the Seal of the State of be affixed, as well as the Seal of the General Land Office. Done at the City of Austin on the **TWENTIETH** day of **APRIL** in the year of Our Lord One Thousand Nine Hundred and **THIRTY TWO**

J. H. Wacker
Commissioner of the General Land Office.

R. S. Sterling
Governor.

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Sketch File No. ~~33~~

Duval County

F.Z. Metzger's Report

Sec 574, B S & F

Filed September 2nd, 1932

J. H. Walker, Comm.

C. F. Blucher

File Clerk

Descriptive: Area lying 2.5

Miles N 82° W of San Diego

Sketch File No.

sk. File # ~~44~~ # 33

Duval County

F.C. Metzger Report

Filed Sept. 2nd, 1932

J. H. Walker, Comm.

193

C. F. Blucher

File Clerk

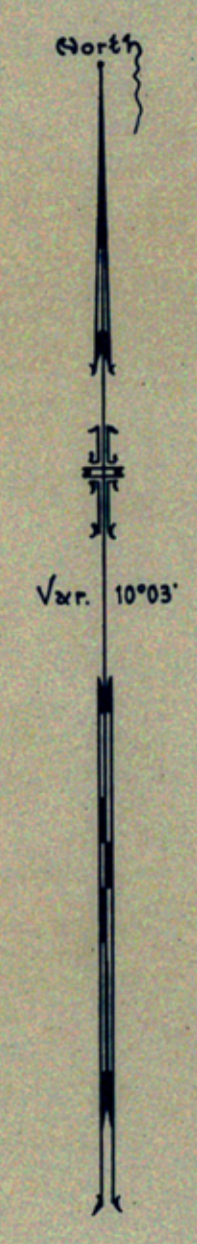
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Sketch File No.

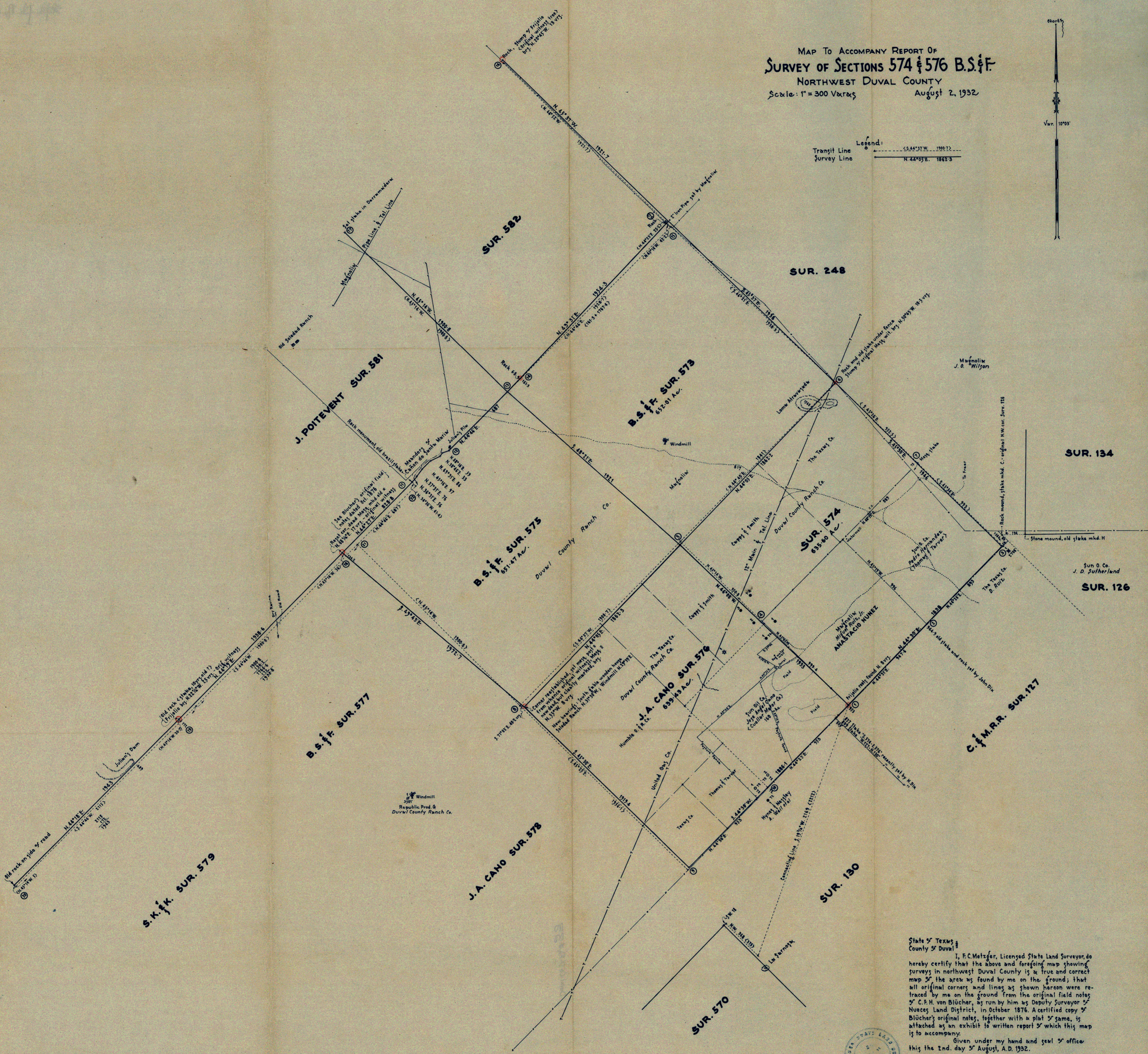
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counter 21358

MAP TO ACCOMPANY REPORT OF
SURVEY OF SECTIONS 574 & 576 B.S.&F.
 NORTHWEST DUVAL COUNTY
 Scale: 1" = 300' V. & H. August 2, 1932



Legend:
 --- Transit Line
 --- Survey Line
 --- 65.44° 37' W. 1988.72
 --- N. 44° 03' E. 1862.3



State of Texas
 County of Duval
 I, F. C. Metzger, Licensed State Land Surveyor, do hereby certify that the above and foregoing map showing surveys in northwest Duval County is a true and correct map of the area as found by me on the ground; that all original corners and lines as shown hereon were retraced by me on the ground from the original field notes of C. F. H. von Blücher, as run by him as Deputy Surveyor of Nueces Land District, in October 1876. A certified copy of Blücher's original notes, together with a plat of same, is attached as an exhibit to written report of which this map is to accompany.
 Given under my hand and seal of office this 2nd day of August, A.D. 1932.



F. C. Metzger
 Licensed State Land Surveyor