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FRANK T. DROUGHT
CONSULTING ENGINEER
FROST NATIONAL BANK BUILDING
SAN ANTONIO, TEXAS

May 22, 1946

LICENSED STATE LAND SURVEYOR
ASSOCIATE MEMBER OF
AMERICAN SOCIETY OF CIVIL ENGINEERS

Hon. Bascom Giles, Commissioner
General Land Office
Austin, Texas

W. Shinniff

Dear Sir:

This report covers a system of Tex-Mex RR Surveys made by A. Salinas in 1882 and F. M. Maddox in 1906. This area is located in Brooks and Kenedy Counties approximately 23 miles S 19° E from Falfurrias, the County Site of Brooks County.

Attached to this report is Plat No. 1, Area in East Part of Brooks County and West Part of Kenedy County. On this plat, I have shown the southeast corner of El Lucero Grant with respect to the southeast corner of Tex-Mex RR Survey 61 as I have found them on the ground.

This report is divided into three parts which I have called: A - Placement of Tex-Mex RR Surveys by Salinas, B - Placement of Tex-Mex RR Surveys by Maddox and C - Summary.

A - Placement of Tex-Mex RR Surveys by Salinas.

My placement of the work of Salinas in this area is shown by dash lines on Plat No. 1.

Salinas, in placing his Tex-Mex RR, Texas-Central RR and other surveys in this area, covered the unsurveyed land north of the Santa Quiteria (Ramon Cabasos Guerra) Grant between the El Lucero (Antonio Elizondo) and Los Finados (Juan de la Garza) Grants. His notes have adjoinder calls for all of these grants.

At the southeast corner of El Lucero Grant, I found a large caliche rock which is in a sand depression. I placed the east line of the El Lucero Grant from this rock to the northeast corner as established from an old bearing tree which I accepted as J. C. Eivet's original tree. Said line is N 00° 27½' W - 8528 varas (call North - 8400 varas).

At the northwest corner of Los Finados Grant, I found the stone in a salt lake for the Jarita corner. This stone was recognized as the original Mexican corner and Blucher's patented position by Francis French, County Surveyor of Kenedy County, in his survey of this grant in September and October 1944. From this corner, I ran S 00° 32' E with a marked line and old division fence to the southwest corner, which I established from Blucher's calls for Santa Rita Mott along the south line.

Francis French, in his survey in 1944, established Tex-Mex RR Surveys 105, 106, 107 and 108. French submitted corrected field notes to the General Land Office on N. N. Cavasos Survey 1, and Mrs. Sarita K. East Survey (S. F. #14633). He obtained patents on his notes. I am in possession of copies of these notes and from them checked the position of the surveys on the ground. I accepted these positions in my survey.

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A

FRANK T. DROUGHT
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I have been able to establish the original southeast corner of Tex-Mex RR Survey 61 as established by Salinas. At this corner, I set a stake in a live oak mott from which a 2 1/4" live oak marked X bears S 1 1/2° E - 39 varas and a 28" live oak marked X bears S 52 1/2° W - 40 varas. These marks are very old and of sufficient age to have been made by Salinas.

From the original southeast corner of Tex-Mex RR Survey 61, as I located same, I ran a tie-line to the northeast corner of El Alazan Grant and found same to be S 58° 58 1/2' E - 16,145.1 varas. This compares with a calculated line from the notes of Salinas of S 58° 11 1/2' E - 16,050.4 varas. I ran a tie-line from the southeast corner of Survey 61 to the southeast corner of El Lucero Grant and found same to be S 40° 19' W - 8805 varas, compared with a calculated line from the notes of Salinas of S 41° 15' W - 8645 varas.

French, in his surveys in this area, used a bearing of 00° 47' left of the calls of Salinas. He used this orientation in the field notes of his surveys.

From this information, I have established the north and south lines of the surveys of this system at a variation of 00° 47' left of call. Using the southeast corner of Survey 61 as an axis, I have prorated the excess in the north and south lines of these surveys between the Los Finados and El Lucero Grants.

I have established the east and west lines of the surveys of this system 00° 30' left of call bearing. This is an average between the bearing of the west line of the Los Finados Grant and the east line of the El Lucero Grant. Call distances are given 1.8% excess.

I placed the southwest corner of Survey 81 at 1100 varas (call 1100 varas) south from the large caliche rock at the southeast corner of El Lucero Grant and ran N 89° 13' E for the south lines of Surveys 81 - 86. The south line of Survey 103 was established from the southwest corner of Survey 104 and parallel to the south line of Surveys 81 - 86.

I placed the east line of Surveys 66, 71, 78 and 83 at S 00° 30' E from the southeast corner of Survey 61. I prorated the excess and established the north line of Surveys 81 - 86, and 103 parallel to the south line, as shown "ABCD" on Plat No. 1.

The north line of the Santa Quiteria Grant was established to check Fulton's laguna calls on the north line, west line and east line.

The major portions of Surveys 113, 114, 115 and 116, as placed by Salinas, are in conflict with the Santa Quiteria Grant, as placed by Fulton. However, they are not in conflict in their entirety. I have shown these surveys on the attached plat as covering the area between the south line of Surveys 81 - 86 and 103 and the north line of the Santa Quiteria Grant.

FRANK T. DROUGHT
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FROST NATIONAL BANK BUILDING
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B - Placement of Tex-Mex RR Surveys by Maddox.

My placement of the work of Maddox in this area is shown by solid lines on Plat No. 1.

Maddox called for a large stone at the northwest corner of the Santa Quiteria. He called for a 10" iron pipe at the northeast corner of this grant. I found these corners and found the bearing and distance between them to be N 89° 51' E - 12,474 varas (call N 89° 57' E - 12,500 varas).

From this information, I oriented his work 00° 06' left of call bearings and used a 0.2% east - west shortage in his call distances.

I placed the south line of Surveys 81 - 86 and upper south line of Survey 103 along the north line of the Santa Quiteria Grant, as established by Maddox. However, this placement will not check any of the calls of Fulton on this line. The southeast corner of each survey is placed its prorated distance along the north line of the Santa Quiteria Grant from the southwest corner of Survey 81. The east and west lines are established N 00° 06' W from these corners.

The north lines are placed call distance from the south line with a course of N 89° 54' E ("EFGH" on Plat No. 1).

C - Summary.

From the above information, I call your attention to the discrepancies resulting between the work of Maddox and Salinas. Reference is made to said Plat No. 1.

Please note discrepancy existing between the north line of Surveys 81 - 86 and 103 by Maddox and the south line of Surveys 101 and 75 - 80 by Salinas. Maddox, when he ran north from his north line of the Santa Quiteria, did not reach the south line of the surveys by Salinas to the north. This area is shown by hatched lines and "ABCDHGFE" on Plat No. 1. In correcting the notes by Salinas of Surveys 81 - 86 and 103, Maddox did not reach the south line as placed by Salinas. This discrepancy is shown by the area hatched along the south line of these surveys. Maddox, in his placement of the east line of Survey 103, did not reach the west line of Survey 104 as placed by Salinas. This discrepancy is shown by "DKLH" on my plat.

I again call your attention to the fact that the north line of the Santa Quiteria Grant, as placed by Maddox, will not check the calls for lagunas as given by Fulton. His northwest corner will not check the call for "a laguna east of line" on the west line of the grant. His northeast corner will not check laguna calls on the east line of the grant or the distance to Sauce Water Hole. The only satisfactory placement of this line is as I show by the dash line. In this position, it checks original calls closely.

Maddox has disregarded the north line of Surveys 114, 115 and 116 in his calls. Although the field notes by Salinas of Surveys 114 and 116 have been can-

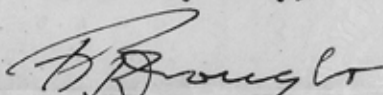
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celled, Survey 115 remains patented on his notes.

For the reasons stated, I believe that the work of Maddox in this area should be cancelled and the work of Salinas should be reinstated.

Yours very truly,


Frank T. Drought,
Licensed Land Surveyor

RECEIVED

AUG 5 - 1946

REFERRED TO MAP

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Sketch File No. 7

Brooks-Kenedy Counties
Surveyor's Statement

Filed Aug. 5, 1946

BASCOM GILES, Com'r

Atlee

File Clerk

S.E. part Brooks Co. on Brooks
Kenedy County line.

Plat: ^{Brooks} Sk. F. B
d. 12-22-1993

called. Survey is remains patented on his notes.
For the reasons stated, I believe that the work of Madrox in this case
should be cancelled and the work of Selinas should be reinstated.

Yours very truly,

Frank T. Drought



AMERICAN SOCIETY OF CIVIL ENGINEERS
REGISTERED SURVEYOR
FORWARD NAME AND ADDRESS

DR. VICTOR J. JENKS
NORTH NATIONAL BANK BUILDING
CONSULTING ENGINEER
FRANK T. DROUGHT

RECEIVED

AUG 9 - 1946

REFERRED TO MAP

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