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R. W. BAKER, C. E.
202 PETROLEUM BUILDING
P. O. BOX NO. 708
BIG SPRING, TEXAS.

May 17, 1948.

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GENERAL LAND OFFICE

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

Dear Sir:

I am enclosing herewith for examination and filing corrected Field Notes and Plat of Sec-8-Blk-33-T-5-S., T. & P. R. R. Co., surveys, Glasscock County, Texas.

Since a number of peculiarities have been found in the course of making this survey the following report together with a copy of my work sketch is submitted for your information.

In 1940 I staked an oil well location the center of the S. E. $\frac{1}{4}$ of the S. W. $\frac{1}{4}$ of sec-25-B-34-T-5-S., in the course of which I re-surveyed the East line of Block #34-T-5-S., from the S. E. corner of section #48 Northward to the N. E. corner of section #25. The North and South lines of section #25 were also surveyed and both the N. W. and S. W. corners of the section, as established by Mr. W. F. Kellis in 1935, were found as were also his marked, set stones for the N. W. and S. W. corners of the N. $\frac{1}{2}$ of section #36 which he had surveyed in 1926, but which had not been patented at that time.

In his survey of the N. $\frac{1}{2}$ of section #36 Mr. Kellis began "at a set stone (unmarked) $2\frac{1}{2}$ varas East of a fence for the S. E. corner of section #25 and N. E. corner of sec-36-B-34-T-5-S., for the N. E. corner of this survey, from which a set stone (unmarked) bears S. 12° E. 196.0 varas."

In my survey of 1940 I found Mr. Kellis set stones at the N. E. corner of section #36 exactly as he describes them (see copy of Kellis Field Notes enclosed as exhibit "A") with the exception that beside the unmarked set stone which he called for at the N. E. corner of section #36 there was also another second set stone marked S. E. #24-K which I shall refer to later.

Mr. Kellis then ran "S. 13° E. 952.0 varas to a stake for the S. E. corner of this survey."

"Thence, S. 77° W. 1904.0 varas to a set stone for the S. W. corner of the N. $\frac{1}{2}$ of #36."

"Thence, N. 13° W. 952.0 varas to a stake $1\frac{1}{2}$ varas North of a fence and 2.0 varas East of a road, from which a Mesquite 3" bears N. $32\frac{1}{2}^{\circ}$ E. 6.7 varas and a set stone bears S. 77° W. 6.0 varas.

"Thence, N. 77° E. 1904.0 varas to the place of beginning."

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I found all of Mr. Kellis markers at the N. W. of section #36 just as he describes them and in addition, a 1 $\frac{1}{2}$ " I. P. marked S. W. 24-K at a point N. 76°15' E. 4.0 varas from his stake for the N. W. corner of section #36 which he had apparently set in 1935 at the same time that he placed the set stone marked S. E. 24-K at the N. E. corner of section #36.

You will note that Mr. Kellis Field Notes gave the North half of section #36 320.8 acres. I find, however, that in 1944, Mr. Frank Lupton of Colorado City, resurveyed #36 giving 325.13 acres to the North half and 650.27 acres to the whole section. (see copy of F. Lupton Field Notes enclosed as exhibit "B".)

Mr. Lupton apparently accepted Mr. Kellis reference stone 6.0 varas West of his (Kellis) N. W. corner of section #36 as Mr. Kellis true N. W. corner of section #36 thereby making the North line of #36 5.0 varas longer than Mr. Kellis did, and Mr. Lupton also refers to this stone as being the common corner of sections #25-26-35-36, whereas Mr. Kellis calls for this stone as a reference mark and evidently intended to pull these corners apart in an East and West direction in order to leave section #25 and even 640 acres and place the excess in adjoining school sections #26 and #36.

In 1927 Mr. Kellis surveyed for patent the S. E. $\frac{1}{4}$ of sec-30-B-33-T-5-S., and in his field notes again refers to the unmarked "set stone" at the N. E. of #36-B-34-T-5-S., which is also the S. W. of #30-B-33-T-5-S. I mention these things to show that in 1926-27 Mr. Kellis called and marked the corners of his surveys correctly, but in 1935 he surveyed section #25-B-34-T-5-S., and section #19-B-33-T-5-S., which he mistook for sections #24 and #18 respectively. The result being that his marked stones at the N. W., N. E., S. W. and S. E. corners of section #25-B-34-T-5-S., are marked for section #24 and his marked stones at The S. W., N. W., N. E. and S. E. of sec-19-B-33-T-5-S., are marked for section #18. (see exhibits C. D. & E.)

This is definitely proven by the fact that at the S. E. corner of sec-25, N. E. of #36-B-34-T-5-S., Mr. Kellis placed a large set stone marked S. E. 24-K which is the same corner that he used nine years earlier in his survey of the N. $\frac{1}{2}$ of section #36-B-34-T-5-S., and the S. E. $\frac{1}{4}$ of sec-30-B-33-T-5-S.

It is further proven by the fact that at the N. W. corner of sec-19-B-33-T-5-S., his set stone marked N. W. 18-K is near the N. E. edge of an old dry lake as called for in his Field Notes, but which definitely is not at the N. W. corner of section #18, and by his tie, at the S. E. corner of section #19, to the drain pipe of a Windmill which is definitely not near the S. E. corner of section #18. There is also the fact that near the S. E. corner of sec-19-B-33-T-5-S., there is a set stone marked S. W. 20-K which, according to local land owners was placed there by Mr. Kellis in 1927 at the same time that he placed the marked stones at the N. E. and S. E. corners of the S. E. $\frac{1}{4}$ of section #30-B-33-T-5-S., which are approximately S. 13° E. 950 and 1900 varas respectively from his set stone at the S. E. of section #19 which he mistakenly marked S. E. 18-K.

In the course of his work in Block 33-T-5-S., in 1927, Mr. Kellis, at the request of local landowners, apparently also set marked stones at the N. E. corner of section #20 and at the N. W. corner of section #16. No Field Notes are of record covering this work, but the stones are all marked with Mr. Kellis characteristic "K", have had Wolf proof fences built on them and have been recognized by adjoining land owners since 1927. In view of this those two corners have been accepted in place and the corrected survey of sections #8 and #18 made to agree with them.

The marked stone at the S. W. corner of section #20 has obviously been moved from the original position in which it was set and is not accepted as the S. W. corner of section #20. At a later date I shall submit corrected Field Notes for this section which will show the correct position of the S. W. and S. E. corners with respect to adjoining surveys.

Although incorrectly placed and marked Mr. Kellis set stones on Sec-19-B-33-T-5-S., and Sec-25-B-34-T-5-S., have been recognized locally since 1935 and Wolf proof fences have been built on them. Moreover, they have been accepted and referred to by other surveyors as being the correct corners of the sections upon which they stand. For example see Mr. Luptons Field Notes of Sec-36-B-34-T-5-S. (See exh.B)

In view of this I have accepted in place Mr. Kellis N. W. and N. E. corners of Sec-19-B-33-T-5-S., as being the S. W. and S. E. corners, respectively, of Section #18 and have made the S. E. corner of Section #18 the common corner of sections #17-18-19-20-B-33-T-5-S.

Since the original N. W. corner of section #18-B-33-T-5-S., was found in place my S. W. corner of section #8 has been made the common corner of sections #7-8-17-18 which places in section #18 641.0 acres or two tenths of an acre more than called for in the Patent based on Mr. Kellis Field Notes.

I have also made the N. W. corner of section #8 the common corner of sections #5-6-7-8 and have accepted J. A. Simpson's S. W. Patent corner of section #4 as the common corner of sections #4-5-8-9. I have made Mr. Kellis N. W. corner of section #16 the common corner of sections #8-9-16-17 and have accepted his N. E. corner of section #20 as the S. E. corner of section #17.

The latter corner, however, cannot be made the common corner of sections #16-17-20-21 as Mr. J. A. Simpson, in 1944, placed the S. W. corner of section #16 96.9 varas South of Mr. Kellis N. E. corner of section #20. The reason for this pulling apart apparently being that Mr. Kellis construction in Block #33-T-5-S., placed most of the excess in the South row of sections (#43 to #48) leaving all sections North of that row approximately normal in both dimensions; whereas, Mr. Simpson has worked out a construction based upon a line from the N. W. corner of section #43 to the N. E. corner of section #48 which apparently assumes the N. W. corner of section #43 to be 2259.5 varas North of the S. W. Block corner and the N. E. corner of section #48 approximately 1902 varas North of the S. E. Block corner. Between this line and the North line of Block 33-T-5-S., he has proportioned the remaining excess to the various sections he has surveyed with the result that from West to East his section corners are progressively farther apart.

This, of necessity, is going to pull one or two section corners apart, in a North and South direction, along the line represented by the East line of section #20.

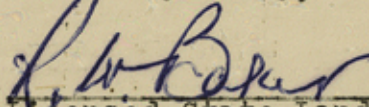
This construction will, in my opinion, cause less disturbance to existing, recognized corners than any other plan of adjustment, and is, so far as I am able to determine, satisfactory to present owners.

With reference to the enclosed work sketch. The lines shown in red indicate traverse run in connection with the resurvey of sections #8 and #17. The blue lines indicate my previous work done in 1940.

If the Field Notes are found satisfactory please notify Mr. Clyde Berry, Garden City, Texas, as he desires to obtain Patent on section #8. A copy of your communication to him will be appreciated.

If any changes or corrections are found necessary please communicate with me direct.

Yours very truly,



Licensed State Land Surveyor.

Enc.

1 F/N sec.8.

1 work sketch.

6 copies F/Ns. Exhibits A to E.

1 Check \$2.00 Filing Fee.

P. S. Please return the work sketch and copies of Field Notes to me when they have served your purpose.

R. W. B.

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MAY 30 1948

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File No. 23

Glasscock County

Surveyors Report
Blk 33, T. 55, T&P.R.R.

Filed May 26 1948

Com'r

V. E. Hooping

Report of Mr. R. W. Baker
on surveys in T&P.R.R.
Blk 33, Tsp. 55
May 17, 1948

communicate with me direct.
If any changes or corrections are found necessary please
section 48. A copy of your communication to him will be appreciated.
Clade party, Gordon Clade, Texas, as he desires to obtain letters on
If the field notes are found satisfactory please notify me.
The enclosed work sheets. The lines shown in
in connection with the survey of sections
my previous work done in T&P.R.R.
enclosed work sheets. The lines shown in
determine, satisfactory to present
from any other plan of adjustment,
my opinion, cause less discrepancy
along the line representing
one or two section corners

Respected State Land Surveyor,
R. W. Baker
Your very truly,
V. E. Hooping

1 copy of Blk. Exhibits A to H.
1 work sheet.
1 Blk sec. 9.
Enc.

Please return the work sheet and copies of field notes to
H. W. B.

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