San Angelo, Texas, June 4th, 1941.

Hon. Bascom Giles, Com. Gen'l Land Office Austin, Texas.

Dear Sir:

D-598

Survey of E.F. Noelke
Ranch in Upton and
Crockett Co.'s.

Counter 19899

Dear Sir:

I was asked by Mr. E.F. Noelke, of San Angelo, Texas, to make a survey, for the purpose of making corrected notes of school land sections in his ranch in N.W. part of Crockett and S. part of Upton Counties, for the purpose of securing patents to same-LIST OF SCHOOL LANDS TO BE SURVEYED:-

Sec. 2- cert. 3499, GC&SF Ry Co- Sections 2-4-6- S.E. $\frac{1}{4}$ 10-14-16- and 20 Block "B" 2" GC&SF Ry. Co.-Sects. 2-4-6-8-10 and 12, Block "G" TWNG Ry. Co.- Sections 2 and 4 Block "A" MK&T Ry. Co. Sec. 40 Block "H H" GC&SF Ry. Co.- Sections 2 and 4 Block P.P. GC&SF Ry Co., Also section 10 bk., "PP" J.C. Ry. Co.- Sect. 48. Blk. 31, H&TC Ry Co. Survey 6, Blk "CO2" Caroline Hedick- Sec. 2- Blk. "B2" J.M. Ligert- sections 1 and 2 Blk."TM" T.J. Murphy- and survey 6, blk. "BB2" S.P. Pool.

Also for the purpose of paying for the excess and securing of a quitclaim from the State, he asked for a resurvey of the following Patented surveys:- 1-3-11-13-15-19 and 21 blk. "B2" GC&SF Ry. Co. Also section 1, cert. 3499 GC&SF Ry Co.-

In examining the certified copy of the original field notes of these surveys from your office, it appeared that surveys in block "G-A" and "B2" were governed in their location by block 5-13 and 14 of U of T Lands, consequently my first work would necesitate the locating of original corners in these U of T Blocks. I found that Brank Friend, for the University of Texas, recently had made a survey of said Block 5, but had made no effort to follow original inside block or survey lines in setting up corners, consequently it became necessary for me to ascertain where original corners would be at the time, the survey, I was called up to resurvey were made-

Having previously made a survey from Grierson Spring corner North to and West to the N.W. corner of Block 3 U of T Lands and South to the S W corner of said Block 3, known as the "Dagger Corner" and finding all the original corners, as called for on the W & N line of said Block 3, I now accept the said S.W. "Dagger Corner" as the true original S.W. corner of 3 and N.W. corner of Blk 4 U of T lands, and to establish the S.W. corner of 4 and N.W. corner of Blk. 5- I ran from the S.W. corner of 3,South to intersect a line running West from the "2 large rocks" at the N.W. corner of survey 6, Blk. 5 (supposed to have been at N.E. cor. of 6), which point of intersection was 11407 as south from the S.W. corner of said block 3, from the 2 large rocks, which were 7 or 8 feet high, the N.W. corner of 6, blk. 5, I ran west at 1896 vs about 13 vs. S. of a site pipe with a few small stones around it, at 1901 vs. a point near the S.W. cor-

Thence West 1926 vs to an old md of stone, in a greasewood flat, no other stones near-

Thence West 1900 vs to a point, no corner found-

Thence West at 182 vs passed about 12 vs S. of a set pipe, at 416 vs passed about 44 vs N. of concrete post mkd "2-3-34-35-U*T" in all 1933 vs to an old md of stone, supposed to be the original N.E. corner of 2 Blk.5. Thence West 2434 vs to intersect the line 11407 vs S. from the S.W. corner of blk 3, U of T and 50 vs N. of a concrete post mkd "1-B5-36-B4-U-T" as setby Frank Friend.

I learned from McConkling, Mr. Friend's assistant, who was with me on this survey, that they made no effort to follow the inside original survey line in resurveying these University blocks.

From the S.W. corner of block 4 and N.W. corner Blk. 5, 11407 vs S. from the S.W. cor. 3- I ran South at 50 vs passing the concrete post, as described above, at 7645 vs passed a concrete post mkd "24-25-B5-U-T", in a valley N. of a high hill, at 7664 vs foot of said hill, in all 7864 vs to a point of a ledge of rock at N. side of a high hill,4 vs E of what appeared to be a small old md of stone under a bunch of Sachiwesta Grass- the supposed original N.W. cor. 25 Blk 5, U. of T. lands.

Thence South 3850 vs to concrete post mkd "1-6-B13-36-B5-U-T" set in a large old md of stone the supposed original S.W. corner of Block 5, U. of T. lands-

Thence I ran South at 1700 vs crossed an old road in all 1929 vs to an old md of stone, the supposed S.E. corner 6 Blk. 13-U. of T.

Thence South 1900 vs to a concrete post mkd "1-B13-U-T" set by Frank Friend for the S.E. corner of Block 13 U. of T. lands, 20 vs N. of a fence (co about N $89\frac{1}{2}$ W) and 23 vs N. and 19 vs W. of a small old md of stone-

It is doubtful about this md of stone being the original S.E. corner 13, since I have found a similiar md of stone one mile West of this one when no original corner was called for, and too, I find, that many efforts have been made by surveyors to survey and make corners on the U. of T. blocks.

From the old md of stone which I take to be the original S.W. corner blk. 5-U-of T, I ran East 4003 vs to a point 78 vs S. of a concrete post mkd "34-35-B5-U-T" set by Frank Friend for the common^Scor. of 34 & 35 Blk. 5, U. of T.lands.

Returning to the S.W, corner of Bk 5, U. of T. as above described, I ran thence West at about 40 vs crossed a fence, at 1906 vs passed 5 vs S. of md of stone, at 3802 vs passed concrete post mkd "2-3-4, 5 Bl3-U-T" at 3816 passed a point 11 vs S. of a md of stone, on West in all 5726 vs to a point 8 vs S. of an old md of stone, one mkd "N.E. 1-N.W. 4-Bl3-" this md of stone and the two other mds mentioned on this 3 mile run across bk 13, correspond with the description in Dods report, of the corners made by him---

This would indicate that the md of stone made by Capt. Dod for the N.W. cor. of 4 blk. 5 and N.E. cor. 1, J. T. Murphy, was 24 vs W and 8 N. of the proper location for the corner of these surveys- Commencing at the point 8 vs S and 24 vs E. of the md of stone made by Dod for the N.E. corner of 12J. Murphy, I ran thence West 3747 vs to a point in the E. line of survey 1 blk. 14 U. of T. 385 vs S, 23 E. from a large old md of stone at N. side of a road the supposed original N.E. corner of said survey 1 blk. 14.

Thence S O 23 E 1566 vs to another large old md of stone the original S.E. corner siad survey 1-

Commencing at the old md of stone on N. side of road, for the original N.E. corner, 1 bk. 14, U. of T. I ran thence West 3854 vs to a point 64/10 vs S. of a concrete post mkd "2-3-4-B14-U-T", set by Frank Friend for the N. W. cor. 2 and S. E. cor. 4, blk 14, U. of T.

Thence from said concrete post South 1951 vs to a concrete post mkd " 2-3-B14-U-T" whence a pipe set in a md of stone, the N.E. corner of survey 9 blk "PP" as patented, on E. 36 vs-

Thence, with the S. line of said blk 14, N 89° 54'W at 1895 vs passing a md of large stones, (which is 54 vs W. of N.W. cor. 9 blk. P.P.) in all 5769 2/10 vs to the S.W. corner of block 14, U. of T, land, a concrete post mkd "15-B14-U-T" set in a md of earth & rock about 6 feet at base-

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Thence South 950 vs and set car axle for S.W. cor. 10 blk. P.P.

Thence S 89 954'E 1789 vs to W. line 47 Bk 31 H.& TC Ry Co.

Thence N. 40 E 624 vs to a point for N.W. cor. sd 47, which is 40 vs S 40 W from an old md of stone-

Thence S 50 E. 954 vs to a pipe in a md of stone for N.E. corner 47, whence an old md of stone brs N. 40 E 40 vs.

Thence S 40 W. at 1459 vs old md stone on top of a hill (originally call 1450) at 2574 vs passed an old md stone on top of hill (originally call 2610) at

3316 vs crossed old road at 3520 vs set 2" pipe mkd "47-48-J.J.G." in a md of stone on firm ground in all 3639 vs to the present new bank of the river-

Ran back N 40 E 600 vs and S 50 E. 950 to point for E. line 48

Thence S 40 W 15 vs & set stake on E. bank of Pecos River for the S.E. corner of 48 Bk. 31, H & T C Ry. Co., the river bank here appears to have moved N 40 E about 45 vs from where it was at the time Neyland made his survey of this section 48-

From this S.E. corner of 48 I ran a traverse to the present recogni-zed corner at old pontoon bridge, I found the "Pontoon Corner" to be 890 vs E. and 354 vs S. from the present S.E. corner 48. Neyland call this point 922 vs E. and 272 vs S. from his S.E. corner of 48--

The change in the river bank at S.E. corner of 48 had something to do with this difference and to it appears that the point for the corner at Pontoon bridge, seen a short distance, some 35 or 40 vs down the stream from where the present md of stone is placed-From the present md of stone on the lower E. bank of river, the supposed position for S.W. corner of survey 1950 I ran N. 25 E. 149 vs to an old md of stone the supposed N.W. corner of 1950-

Thence S 65 E 475 vs to a point 6 vs N 25 E. from an old md of stones the supposed N.E. corner 1950.

In order to make corrected field notes of survey 6 Blk "C C 2" C. hedick and survey 40 Block "H H" G C & S F Ry. Co., it would be necessary to first locate Block "H H" as I had field notes made by 4 different sur-veyors of lands lying North of Block "H H", varying greatly from each other as to distance N and S, some as much as 350 vs--- consequently I secured a copy of working sketch from your office, of said Block "HH", which showed that sections 5-6-7-8-9-10-11 and 12 of this block in name of C & M BB Co. of C & M, R,R, Co., were made by S.A. Thompson in Feb. 1881, and that he made 5 corners in this block calling for 3 large rocks at N.E. cor. 7 and a rk md 3' high, one mkd "C" at N. W. corner said 7 at the N.W, and S.W. corners of 6 he called for stone mds $2\frac{1}{2}$ ' high and at S.W. cor. 5 a rk md 2' high-

I found that W.H. Bonnell in Dec. 1981 completed block "H H", using GC&SF Ry Co., script, made no corners on the ground, but began his work by beginning his surveys on the C & M R R Co. surveys made by S.A. Thomp-son, with the corners on the ground, - consequently, I found it necessary to find the corners placed by Thompson on the C & M Ry Co surveys, -

Having before me a report from Capt. Dod showing when he had made corners on the ground for N.E. 35 and N.E. 34, I concluded that from these corners I might run East and find the Thompson corners and made the surveys as follows: Beginning at the S.E. corner of Block 13, U. of T. lands, I ran thence South 1179 vs and East 1227 vs to the N. corner of 35 blk H.H. as made by Dod a stone mkd "N,E, 35-D" in a md of stone

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Whence an "X" on a flat rock brs N 82 W 9th 10 vs

12

From this corner I ran East 1915 vs to point 17 vs N of a stone mkd "n.E. 34-D" in a md of stone.

From this corner I ran S $89\frac{1}{2}$ E 5700 vs to a point Thence, from this point, I ran S 21⁴ 50' E 225 vs to a large old md of stone in a valley, one stone mkd "C", this I took to be the original N.W. cor. of 7 as made by Thompson,

From this corner I ran East 1930 vs to point 5 vs N. of 3 large stones together in valley, for N.E. cor. 7.

Again I commenced at the large md of stone one mkd "C" for N.W. corner of 7-- Thence South 1932 vs to a large old md of stone on ridge for S.W. cor. 7 and S.E, cor. 8-

Thence South 1920 vs to a large old md on S.E. hillside on N. side of a small header (Co. N.E.) for S.E. cor. 6 and S.W. cor. 11.

Thence South 1930 vs to a large old md of stone on ridge or mesafor S.W. corner 5, on S.E. cor. 12 blk. "HH" as made by Thompson.

Thence South at 1664 vs crossed E & W, fence, at 1720 vs passed 10 vs E.of a md of stone, in all 1900 vs and made search for corners, none found- also made search from 700 to 800 vs E. for N.E. corner 3 o, Marshall no corner found--

Returning to point in fence line, 1664 vs S. of S.W. corner of 5, an ran East at 70 vs passed a new md of stone, at 700 vs made search for a distance South about 300 vs for a "long stone" for N.E. corner said 3, no corner found in all 1900 vs and made search over wide area for corner, none found, except a new md of stone **623**. E, 58 vs

Thence North and, at from 1700 to 1900 vs, searched for corner, none found-

To construct, surveys in block "H H" from original corners made by S.A. Thompson, would place the N.E. Corner of 35 of this block, 1452 vs S. and 1324 vs East from the S.E. corner of block 13 U. of T. lands.

From this N.E. corner, of 35, I have constructed surveys 51 and 52 going West, however, 52 as corrected by J.A. Simpson, does not appear to be altogether within its original bounds, and I take it that Simpson used Dod's location of block "H H" in making his survey, but inasmuch as he does not call for any corners on the ground in his field notes, this survey will take a place with surveys in block "H H" where they are properly located, in May judgment

I have constructed the C. Hedick survey No. 6, in keeping with instructions from your office, thus: "Bounded on E. by surveys 52 and 56, on S. by surveys 38,39 and 40 blk. H.H. on the West by P.L. Childers (according to decree of court) and on N. by Survey in blk. "P.P." and blk. 13 U. of T. -

Now as to location of the P.L. Childers No. 1 and correcting survey 40 blk. "H H" it required the locating of surveys 83 and 84, I & G N Ry Co on the E. side of Pecos River.

The N.W. corner of 83, which is the S.W. cor of 84 and S.E. corner 85 of this block and it appearing this corner should be on the E. bank of Pecos river, at a point due West from a point 3800 vs North from the N.W. corner of 79 this I & G N block, which is supposed to be on the E. bank of siad River opposite the original N.W. corner of 69 on W. bank of said river, which last mentioned corner was located by O.W. Williams, and later defined by Capt. Dod and later used by this writer in making a survey of Yates Oil Field lands, for your office, a description of which will be found in my report to your office.

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This corner is a piece of car spring in an old md of stone on W. bank of River between 2 ripples, at this point the river makes a sharp bend from a S.E. to N.E. direction, insomuch that a line running East from this corner would not touch the East bank of river for quite a long distance and would not be "between 2 ripples" when it did reach the East bank, consequently I concluded that the N.W. corner of 79 would be at a point OP-POSITE the N.W. corner of 69 and not East of it, thus to be at such a point it would necessarily be 100 vs or 459 from the N.E. corner of 69-

To locate a point for the N.W. corner of said 83, I began at the N.W. corner of said 69, as above described- and ran as follows:West with the N. line of 69, I & G N survey, 2340 vs to a point in the Rankin-Iraan Highway-thence with said highway as follows: N $4\frac{1}{4}$ E 1500 vs- N $2\frac{1}{4}$ E 290 vs - N $8\frac{1}{2}$ E. 1130 vs- N $1\frac{1}{2}$ W 160 vs- N 14 W 302 vs to a point about 70 vs N. of Bridge over Pecos River- thence N $20\frac{1}{4}$ W 470 vs and N 37W **272** vs to a point for the N. line of said 83 and S. line of 84-

Thence West 633 vs to the low bank of said river for the N.W. cor. 83,- S.W. 84 and S.E. corner of 85- Which point is 5659 vs S. and 272 vs W. from the S.W. corner of survey 1 blk 14, U. of T. lands-

This construction would **Reas** a large excess in the width of surveys 85 and 86 I & G N, between the N.E. corner of 85 and N.W. corner of 86 as set up in the locating, by R.E. Estes, in the location of survey 9 blk PP.-

I have made no effort to resurvey, survey 85 and 86.

This construction of survey 84, would place it in conflict with survey 40 block "HH" 325 vs E & W.-

The variation of 11°15' E, is used by me in this work while the variation at some points in the valleys would sometimes drop as low as 11°04" on a common line from the mesa,

A map will be presented your office, with the corrected field notes made by me of the surveys mentioned at the beginning of this report-

On account of not being able to find any recorded description of the county line between Upton & Crockett counties, the line as shown on map presented, is only approximate-

In constructing surveys on the West side of block 5 U. of T. lands, which called for corners in said block 5, I prorated the distances between corners found. As follows: From the S.W. corner of block 5, North to the S.W. corner of 24 blk 5, on a "high hill", the distance was 3850 vs consequently I gave each survey between these points, 1925 vs each, and from this S.W. corner of 24, on hill, to N.W. corner of blk 5, (whenethe line West from original N.W. corner of 6 intersected the line South from S.W. corner of blk 3,) a distance of 7864, I divided this distance between the four surveys on this line which gives each survey an excess of 66 vs thus making each of these surveys 1966 vs N. & S.

Survey made April 5th to 30th 1941, Given under my hand and seal of office This the 4th day of June, 1941

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LICENSED LAND SURVEYOR SAN ANGELO, TEXAS.

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CROCKETT CO SAFE BO 6.7. Noelke Ranch 83 upton - Crockett Co: Connecting lines by J.J. Goodfellow SURVEYS IN 134 132 G. C 4. S. F. R. R. C. 134 G T. W. N.C. R.R. C. M.K & TRR Co 134 19 H-H C. C4-S.F. R.R.C. 134 134 P.P HAT. C. RRC. 31 136 ETC. File No .___ CROCKETT To County UPTON SURS REPORT Filed C/UNE 14th 1941 BASCOM GILES, Com'r Silling here file Counter 19904