Hon. J.T. Robison Com. General Land Office Austin, Texas.

Special statement of connecting lines and survey of Blocks "E" & "F" in name of C.C.S.D & R.G.N.G. R.R. Co. in Upton and Crane Counties, Texas.

Julia 2/16/27

Assisted by B.T. Quarles and R.S. Fuller, practical surveyors, I made a survey to locate and mark the corners of surveys in the blocks above mentioned. First we made an observation on North side of Block E to ascertain the true variation of the needle on the ground within these Blocks and found the same to be 10° 55' E on the instrument used by us, and the courses shown on map hereto attached, and used in field notes of these surveys are based upon this variation, 10° 55' E. Randolph used a variation of 12° 18' E. in 1880 in making the original surveys, which was in the neighborhood of 2° too great for the correct variation and will account for his lines running now N 75° E instead of N. 77° E. as set out in his field notes.

To locate Block "E" we first located the East and South line of Block 42, T & P.R.R. Co. st rs by beginning at the South West corner of Block 41 and ... corner of ... id Block 42 is measured North Easterly along the South line of Block 41 for several miles finding original mounds of earth and rock at 1/2 mile and mile corners. We then returned to the South East corner of same Block 42 and ran with its East line on a general course of North 15° 54' W, for 13 miles, finding the original mounds of earth and rock for each mile and half mile corners, with but few exceptions, the entire distance, as will be shown on map hereto attached, which gives the correct course and distance between each original corner found.

From the North East corner of Survey 24, Township 4 South Block 42, we ran a line across said Block to its West line and found the distance and course to be S. 75° 34' West 11733.6 varas from the North East corner of said 24 to the North West corner Survey 19 in said Block. We then ran the West line of said Block 42 from the North West

We then ran the West line of said Block 42 from the North West corner of said Survey 19, on a general course of South 15° 24' E. for a distance of 5 miles, finding original corners for a distance of 5 miles, as shown on map attached. From the South West corner of Survey 43 Township 4 South we ran on a general course of S 15° 43' E. and found original corners on the half mile and mile corners for a distance of three miles on the West line of Township 5 to its S.W. corner, being the S.W. corner of Survey 30 this block.

From the S.W. corner of Survey 43 (township 4) Block 42<sub>A</sub> we ran a line on a general course N. 75<sup>o</sup> 33' E. 11761.5 varas to S.E. corner of Survey 48 in the East line of said Block 42, we found original earth and rock mounds at half mile and mile points for 2½ miles, with courses as shown on map hereto attached. The first mile being N. 75<sup>o</sup> 15' E 1911 varas to an old mound of earth and rock. The second mile N. 75<sup>o</sup> 12' E. 1906.5 varas to an old mound of earth and rock for North East corner Survey 5 T. 5 Block 42.

Again we commenced at the original South East corner of said Block 42 and ran a line S. 75° 23' W. at 7944 varas we found an old mound of earth and rock for the original South West corner of Survey 39, Block 42, the most southerly South West corner of this Block. Thence from said South West corner 39 we continued South 75° 23' West at 953 varas passed an old mound of earth and rock, being a point in the old South line of T & P. R.R. Reservation, at 1907 varas a point at North edge of an old mound of earth and rock, the original North West corner of Survey 169, Block "E".

Thence we continued the line S. 75° 23' W. 9500 varas, through very sandy lands, to a point for the N.W. corner of Block "F". Here we

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found no evidence of an original corner, but found an old mesquite stump, which if the original bearing, would have placed the corner about 100 varas North of our line.

Again we commenced at the original South East corner said Block 42 which is also the North East corner of Block "E" C.C.S.D.& R.G.N.G. R.R. Co. Surveys, and ran thence S. 15° 54' E. ( being a continuation of the course on E. line of Block 42) in all 17124.3 varas to an old mound of Earth and Rack which we took for the original South East Corner of this Block "E" and S.W. corner of Block "D". Thence S. 75° 23' W. parallelling the S. line of Block 42, in all 7944 varas to a point for South West corner 160 Block E. Thence N. 15° 54' W. 1902.7 varas to a point for S.E. Corner 176, whence an old mound of earth and rock bears S. 15° 54' E. 32 varas. Thence S. 75° 23' W. at 9726 varas passed 12 varas North 15° 54' W. of an old mound of rock, in all 11407 varas to a point for the South West corner of Block "F", which point is 16221.6 varas South 15° 54' E from the point reached on North line for the North West corner of this Block. From the point above mentioned for the S.W. corner of Block "F" there is an old mesquite tree, apparently marked, which stands about 260 varas S. 69 W. (distance stepped). There being no evidence of a corner 2 varas from this tree, I feel it would be hard to prove the South and West lines of this Block to be beyond course and distance from their beginning points and have constructed the South and West lines of Block "F" on courses and distances from the west line of Block "E".

On January 12,1927 I accompanied Harvey Mayfield and J.H. Porter to Block  $C_{\overline{z}}^{\frac{1}{2}}$  which lies in Crane and Upton Counties adjacent to the South West portion of Block 42 T & P.R.R. Co. These two men pointed out to me the corners which they claim were set up by Mr. Mooney the surveyor locating said Block " $C_{\overline{z}}^{\frac{1}{2}}$ " and the improvements on said surveys, ( see their affidavits attached which are made a part of this report) made in keeping with the corners so pointed out.

On January 8, 1927 I commenced a survey on Block "Y" in Upton County. After several miles of preliminary lines, I found the original South East corner of Survey 75 and South West corner 76 of said Block "Y" an old mound of rock whence a ledge of rock on East point of Mt. bears S. 11 E;N. Pt Mt. S. 80 W. Thence S. 77 W. 1940 varas to an old mound of stone the original South West Corner 75 and South East Corner 74 about 200 varas from base of Mt. whence round point on Mt. North 88 West, E. point of ledge of Rock S. 65 W. about 300 varas, another ledge rock at E. point of Mt. S. 44 East. Thence South 77 West 1912 varas to an old mound of stone on top of Mt. near West side, the original South West corner 74 and S.E. corner 73 this Block. Thence N. 13 W. at 180 varas Rock bluff at North edge of Mt. at 1208 varas crossed old Centralia & Horsehead crossing road in all 1900 varas and set stake for temporary worth West corner 74. Thence S. 77 West on a line toward the South point of Castle Gap Mt. at 3470 varas point in wide drain (co.N.) at 9300 varas crossed said old Centralia & Horsehead Road, at 9590 varas drain (Co. N) in all 9670 varas to the original South West corner 88 and S.E. corner 89 this Block an old mound Stone with old stake in center (an old wagan spoke, this "Wagan Spoke" was reported in a survey by U.G. Taylor in December 1884, his notes being in my office at this date) at this corner the calls for Mt point fit original bearing. This is the first original corner found in this Block since leaving S.W. corner of 74; However by giving the average excess of 34 varas to each mile on this line, the bearings for Mt. points will fit the calls in each survey corner passed. Thence from the old stone mound found for South West 88, S. 77 W. at 640 varas, said old road in Ravine which runs through Castle Gap, at about 1600 varas passed over South point of Castle Mt. about midway between extreme high point and rock cliff at South End of Mountain, in all 1960 varas to a large old mound of stone on West side of Mountain \_\_\_ 4 200

the original S.W. Corner 89 and S. E. corner 90%). Thence S. 77 W. 1929 varas to an old mound stone for South West corner 90 and Block "Y" and S. E. corner 87, Block "X". Thence S. 77 W. at 1902 varas a small group of small stones (no iron staple found for South West corner said 87 and South East corner 88 Block "X") at 1999 varas crossed said old Centralia-Horsehead Road (course nearly West) in all 3822 varas to a point South 13 E. from the original N.W. corner of said Survey 88. This point is in a tank, 15 varas S. 13 E. of said road and also 100 varas N. 77 E.

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of same old road, course S.W. I commenced at the original S.W. corner Survey 1 and North West corner said Survey 88, Block "X" a large mound of red sand stone on a large flat red sand stone near the North base of Mountain whence point of rock bears North 81 East. Thence South 13 East at 180 varas a mound of stone on gray limestone rock in small drain on Mountain side, at 298 varas edge of rock cliff on North edge of Mountain at 300 varas old mound stone, at 402 varas rock cliff on South edge of top of Mt. at 600 varas S. base of Mountain in all 1972 varas to the point in Tank 15 varas S. of Old road and 100 varas N. 77 E. of same road ( course South West) this point is 3832 varas S. 77 W. from original South East corner of Survey 87, Block "X"- no "Little Brown Jug" found for corner which had probably been moved in digging the Tank, at this point.

I then commenced at the stake set by me for a temporary North West corner of Survey 74 Block "Y" and ran thence North 13 West 1875 varas to the South line of Survey 159 Block "E" C.C.S.D.& R.G.R.R. Co. as previously surveyed by me and described in the beginning of this report. Thence S. 77° 15' West with the South line of said survey 1082 varas to its South West corner.

The variation used to fit the lines and bearings in Block "Y" is 13° 10' E which is about 52 minutes greater than that called for in the original survey by Cunningham which was 12° 18' E. in 1881 and 12° 30' E reported by U.G. Taylor in 1884.

The true variation in Block "Y" is about 11° 18' E and when applied to the South line of Block "E" would make its course S. 75° 23' W. as compared to the course of S. 77° 15' W. given above in my report on North line Block "Y".

An observation taken in North part of Block "E" shows a variation of  $10^{\circ}$  55' E. as compared to  $11^{\circ}$  18' E. on South line of same Block. The variation of  $10^{\circ}$  55' E. will be used in making field notes of Blocks E & F., while a variation of  $13^{\circ}$  10' E. will be used in field notes of Surveys in Block "Y".

Attached to this report is a map which shows the original position of Surveys in Block "Y" \* "E"- "F" -"C $\frac{1}{2}$ " and Block 42 T & P.R.R.Co. as surveyed by me.

Survey commenced October 8, 1926 and completed February 3, 1927. This Feb 14-1927

Licensed Land Surveyor San Angelo, Texas.

Recorded in Vol. "G.P.C" page

Surveyor's Records of Upton Co. Texas, and a Copy filed in the County surveyor's office at Odessa in Ector County.

Given under my hand and seal of office, this the \_\_\_\_\_\_ day of \_\_\_\_\_\_ 1927.

Licensed Land Surveyor San Angelo, Texas.

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THE STATE OF TEXAS, county of Ellor

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Before me, the undersigned authority, on this day personally appeared Harvey May .. " tow - me tr 's a ore tible person, who bein duly sworn upon his oath deposes and says;

That he was foreman of J.T. McElroy's ranch in Crane and Upton Counties for about 24 years, and that he was present and assisted Surveyor Mooney when he surveyed Sections 1,2,3 and 4 of Block "Ca" for J.T. McElroy; and when Mr. Mooney made the Survey he began at the N.E. corner of Block 30 University Lands and ran thence South Easterly 5 miles and set an iron pipe for the N.W. corner of said Block "Ch", which pipe is still standing and was pointed out by mo to State Surveyor, J.J. Goodfellow, on the 12th day of January 1927. And further states that from said Iron Pipe, for N.W. corner of Block "Ch", Mr. Mooney ran South Haster by about 3 miles and then North Easterly 2 miles to un old mound of stone for the S.W. corner of Block 42 T & P. Ry. Co., for the SoE. corner of said Block "CE". This mound of stone I also pointed out to said J.J. Goodfellow on the 12th day of January 1927.

Name mayfield

SUBSCRIBED AND SWORN to before me by Harvey Mayfield, on this the // day of February A.D. 1927.

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THE STATE OF BEXAS, County of

Before me, the undersigned authority, on this day personally appeared Harvey Mayfield, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this // day of February A.D. 1927.

County Court Motory Fublic, Celor County,



THE STATE OF TEXAS, County of Edir

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BEFORE ME, the undersigned authority, on this day personally appeared J.H. Porter, known to me to be a credible person, who being duly sworn upon his oath deposes and says:

That he was formerly owner of surveys 5 and 6 in Block "CE", and fenced said surveys on lines pointed out o him by R.H. Thain, as being the lines established by surveyor Mooney; and further says that Mr. Thain assisted him in building the fences on the West, North and East lines of Section 6; and on the 12th day of January 1927 he pointed outto State Surveyor J.J. Goodfellow, the fences as built by him on lines of said surveys 5 and 6, Block "Ca".

d. H. Porton

SUBSCRIBED AND SWORN to before me by J.H. Porter, on this the 11 The day of February A.D. 1927.

Conty Court Totary Public, Carh

THE STATE OF TEXAS, County of ECTIF

DITH WING

BEFORE ME, the undersigned authority, on this day personally appeared J.H. Porter, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY MAND AND SEAL OF OFFICE, this // day of February A.D. 1927.

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THE STATE OF TEXAS, county of Eclor

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BEFORE WE the unders ----

duly sworn upon his

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That he purchased from the State of Texas, Surveys 5 and 6 in Block C<sup>1</sup>/<sub>2</sub> in Grane and Upton Counties, and that a surveyor by the name of Mooney surveyed these lands for him and that he, (Thain) was present when the surveys were made and set \_\_\_\_\_\_\_ stakes for the corners of said surveys and later pointed out to J.H. Porter, to whom he sold said lands, said stakes, and assisted said Porter in building a fence on the West, North and East lines of said Section 6. The fence around Section 5 was built by Mr. Porter on the line as pointed wit to him by En, said lines 'wying been surveyed by said ocney.

as per --- you

SUBSCRIBED AND STORN to before mo by R.H. Thain, on this the // day of February A. D. 1927.

Cluck Co. court Notary Public alex County,

THE STATE OF TEXAS, county of Ector

Before me, the undersigned authority, on this day personally appeared R.H. Thain, known to me to be the per on whose name is subsoribed to the foregoing instrument and acknowledged to me that he exeduted the same for the purposes and consideration therein expressed. Given under my hand and seal of office, this <u>//</u> day of February A.D. 1927.

Canty Court Notary Public County,

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