

GIDDINGS ESTATE FEE SURVEY

to

CORRECT FIELD NOTES on SURVEYS 2, 4, 6, & 8

BLOCK 1, G.C. & S.F. RR. CO.

and

CORRECT FIELD NOTES

on LEAGUES 1, 2, 3 & 4

THROCKMORTON COUNTY SCHOOL LAND

UPTON COUNTY, TEXAS

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 By GARRY MAURO, Com'r  
Douglas Howard

GIDDINGS ESTATE FEE SURVEY

Report on a Survey of Leagues 1-4, Throckmorton County School Land, and Block 1, G. C. & S. F. R.R. Co. Survey, in Upton County, Texas

HISTORY

1. T & P R.R. CO. BLOCKS 39 AND 40 T5S

In January through February of 1876, W. C. Powell surveys the south and west lines of Block 39, T5S and all of the exterior of Block 40, T5S. He calls to set rock mounds at the section corners and one-half mile corners.

In February of 1876, James L. Peck, Deputy Surveyor of the T & P R.R. Co. surveys the interior sections for Block 39 and 40, T5S. Peck calls all corners, including the ones that W. C. Powell had originally called as rock mounds, to be stake, mound and pits.

2. LEAGUES 1-4, THROCKMORTON COUNTY SCHOOL LAND

In October of 1879, D. L. Cunningham, Surveyor of the Palo Pinto District, surveyed said Leagues 1-4. Cunningham's notes were cancelled by re-survey in July 1880 by W. C. Powell, Deputy Surveyor of the Palo Pinto District.

The Throckmorton Leagues begin at the southwest corner of Section 46 and the southeast corner of Section 45, Block 39, T5S, "a stake and earth mound with 4 pits". The north line of Leagues 1 and 2 call for all of the section corners passed on the south line of the T & P reserve. No other calls for adjoiner are made except those adjoining leagues. The leagues are 5,000 varas square and call for a "stake" or "stake and mound" at the remaining corners.

3. C. C. S. D. & R. G. N. G. R.R. CO. BLOCKS A, B, C, & D

In January 24-27, 1880, A. M. Randolph, Deputy Surveyor of the Palo Pinto District, surveys said Blocks "A", "B", "C" and "D". The sections adjoining Block 1, G. C. & S. F. R.R. Co. are 1900 varas square and call for "stake and mound" or "stake mound and 4 pits."

4. P. T. IRRIGATION CO. BLOCK "K"

W. C. Powell, Deputy Surveyor of the Palo Pinto District, surveys this one section block in July of 1880.

Powell begins at the northwest corner of Survey 19, Block "B", C. C. S. D. & R. G. N. G. R.R. Co. at a stake and mound. This survey is 1900 varas square, calls for "stake and mound" at all the corners and makes no other adjoiner call.

5. G. C. & S. F. R. R. CO. BLOCK 1

F. J. White, Deputy Surveyor of the Palo Pinto District, surveys said Block 1 in November of 1881. He begins at the northwest corner of Survey 19 and the northeast corner of Survey 26, Block "B", C. C. S. D. & R. G. N. G. R.R. Co. Survey. He then runs to the southeast corner of Throckmorton County School Land League 4. In short, the notes for Block 1 call to adjoin the Throckmorton Leagues and Blocks "B" & "C", C. C. S. D. & R. G. N. G. R.R. Co. falling short of the south line of Block 40, T5S, T & P R.R. Co.

Passing calls are made to all of the corners passed on both senior surveys and all corners on Block 1 are "stake and mound", "stake and earth mound" or "stake earth mound and 4 pits."

6. BEN F. MORRIS SURVEY NO. 2

H. J. James, Midland County Surveyor, surveys this 188 acre tract on October 6, 1890. He begins at the northwest corner of League 2, Throckmorton C. S. L. and calls for the northeast and northwest corners of Section 8, Block 1, G. C. & S. F. R.R. Co.; the east line of Section 56, Block "C", C. C. S. D. & R. G. N. G. R.R. Co.; and the southwest corner of Section 46, Block 40, T5S, T. & P. R.R. Co. No calls for monuments are made.

7. SF. 13025, SURVEY NO. 9, BLOCK M. C. (M. C. ULMER STRIP)

On July 11, 1927, Robert E. Estes, L. S. L. S., locates and surveys the M. C. Ulmer Vacancy as directed by the G. L. O.

Estes begins at a 2" iron pipe in the south line of Section 46, Block 39, T5S, T & P R.R. Co. and at the N. W. corner of Section 2, Block "N" H. E. & W. T. R.R. Co. He then runs to an iron pipe at the southwest corner of Section 1 Certificate 200 and in the north line of Section No. 1, Block "K", P. T. Irrigation Co. Then to an iron pipe in the east line of Throckmorton C. S. L., League 4 and north to an iron pipe at the original southwest corner Section 46, Block 39, T5S, same being the northeast corner of the Throckmorton C. S. L., League 1. On a sketch filed in the G.L.O. by Estes he shows the iron pipe at the northwest corner of the Ulmer Strip to be an old rock mound and 4" casing.

The Ulmer Strip has not been patented, however, it is approved and has been paid in full.

CORRECTIVE SURVEYS

1. RE-SURVEYS OF T & P R.R. CO. BLOCKS 39 AND 40, T5S

From 1909 thru 1941, Robert Estes re-surveys, by broken corner construction, in portions Blocks 39 and 40, T5S. See sketch (Dated March 28, 1929, No. 28, Upton Co. Sketch File).

In his survey, Estes finds original rock mounds at the southwest corners of Sections 43-46 and the southeast corner of Section 46, Block 39, T5S; and the southwest corner of Section 43 and southeast corner of Section 48, Block 40, T5S. He also finds old rock mounds at the south 1/2 mile corners of Section 43-45, Block 39, T5S.

Estes set an iron pipe in the original stone mound at the southwest corner of Section 43, Block 39, T5S. He also set iron pipes at all of the section corners along the south line of Block 40, T5S. Estes only calls for iron pipes at these corners and does not specify any size or markings.

2. RE-SURVEY OF PART OF BLOCK "C", C. C. S. D. & R. G. N. G. R.R. CO. BY R. E. ESTES, J. J. GOODFELLOW AND R. W. BAKER

In 1909 and 1910, Robert E. Estes Surveys, Section 64, 68 & 74 of Block "C". These surveys are patented on Estes work in which he gives Section 64 & 74, 1914 varas E-W distance and Section 68, 1912 varas E-W distance. The importance of this will become evident later in this report.

J. J. Goodfellow begins surveying in said Block "C" in 1938 and later in August of 1940 and August of 1941. Goodfellow files a sketch in January 1942 in Upton Co. Sketch file No. 124089 showing his survey for Wanda Hanks. A number of sections in Block "C" are patented on Goodfellows work including Sections 50, 52, 54, 60 and 62. Goodfellow set car axles or iron pipes at most of these corners.

In January of 1941, R. W. Baker surveys Section 58, Block "C" and Section 78 and the W/2 of 98 of Block "D" for Dora Roberts. Bakers plat of this survey is filed in Upton Co. Surveyors sketch file No. 140875. His work follows that of Goodfellow. Section 58 is patented on this survey which augments Goodfellows work in this area.

3. RE-SURVEY OF A PART OF THROCKMORTON C. S. L., LEAGUE 1, BY J. K. AVERA

In January 1945, J. K. Avera files corrected field notes with the G. L. O. on a 4054 acre tract in said League 1. He begins at a 3" pipe in a stone mound at the southwest corner of Survey No. 46 for the northeast corner of League 1. In addition, Avera makes calls for the following monuments:

1. A 3/4" pipe in a stone mound for the southwest corner of Survey No. 45.
2. A 3/4" pipe in a stone mound for the southwest corner of Survey No. 44.
3. A 3/4" pipe for the northwest corner of this tract being 13.6 varas N75° 09' E of a large stone mound at the mid-point of south line of Survey 43.

- 4. A 3/4" pipe in a 1-1/4" pipe in a stone mound for the southwest corner of this tract.
- 5. A point being 67.1 varas S75° 06' W of a pipe under west right-of-way fence of Rankin-Midland Highway.

Avera's survey conforms very closely to the corners as found on the ground by H. O. & R. in 1934-35 and is identical to the description in the deed to Otis Holiman dated January 27, 1961 recorded in Book 298, page 145.

This construction by Avera is also found in a warranty deed to Billie Hands for 3,425 acres of land out of Leagues 1-4, as recorded March 11, 1947, in Book 74, page 328, Upton Co. Deed Records.

4. RE-SURVEY OF SECTIONS 56 AND 76 OF BLOCK "C", C. C. S. D. & R. G. N. G. R.R. CO. BY J. K. AVERA

James Avera surveys these sections (among others) in October of 1945. He files a plat and a report with his survey in file No. 140872. In his report, Avera says he is unable to follow the work of R. W. Baker because it does not "match" the work by Mr. Estes. Avera's report points out that Estes measured 1901 varas per mile along the south line of Block 40, T5S, but he does not mention that Estes' patented field notes for Sections 64, 68 & 74 of Block "C" give them 1912 or 1914 varas distance east and west.

5. ADDITIONAL RE-SURVEY AND CONSTRUCTION OF LEAGUES 1-4, THROCKMORTON C. S. L.; BLOCK "A", "B", "C" & "D". C. C. S. D. & R. G. N. G. R.R. CO.; AND BLOCK 1, G. C. & S. F. R.R. CO. BY J. K. AVERA

In a letter dated March 5, 1947, Avera presents the G. L. O. with a plat showing his new construction of this area. With this map Avera encloses corrected field notes for Surveys 2, 4, 6 and 8, Block 1, G. C. & S. F. R.R. Co. Avera does not set any monuments based on this survey.

Avera changes his call angle at the northeast corner of League 1 from 90° 04' to 90° 35' 45" and puts 56.6 varas of excess in the Throckmorton Leagues east-west. This causes a conflict with Goodfellow's and Baker's work in Block "C" to the west.

In correspondence between the G. L. O. and Avera, specifically in a letter dated May 19, 1947, the G. L. O. instructs Avera that they must recognize the re-surveyed area to the west and south as surveyed by Mr. J. J. Goodfellow. Later in a letter from Bascom Giles, Commissioner of the General Land Office, to Carl Runge dated July 31, 1947; Mr. Giles states "according to the records of this office, I find no reason to disregard the construction of this area as set out in the re-survey by Mr. Goodfellow. Consequently, the final pay statement dated April 18, 1947, addressed to Mrs. Wanda Hanks Phillips is invalid in so far as the corrected field notes of Section 2, 4, 6 and 8, Blk. 1, G. C. & S. F. Ry. Co. do not agree with Mr. Goodfellow's locations."

A tract of 3344.9 acres described in a deed to Cody M. Bell filed on November 29, 1951, is based on this new construction by Avera. This tract is part of the Billie Hanks property which was originally described by Avera's original construction.

On August 22, 1957, Survey No. 2 of Block 1, is patented on Avera's corrected field notes filed April 17, 1947.

On September 6, 1961, James K. Avera, in a letter to Jerry Sadler, Commissioner of the G. L. O., resubmits corrected field notes and accompanying sketch for surveys 6 and 8, Block 1, G. C. & S. F. R.R. Co. Avera still does not set any corners on his survey.

Avera reports that his notes are in agreement with previously approved corrected field notes for Survey 2 and 4 of Block 1 and Section 56 of Block "C". Avera's notes for Survey 6 omit the area in conflict with Section 52, Block "C" and calls for Mr. Goodfellow's car axle's at the northeast and southeast corners of said Section 52. The field notes for survey No. 8 are those prepared by Avera in his 1947 survey.

6. RE-SURVEY OF BLOCKS "A", "B" and "C", C. C. S. D. & R. G. N. G. R.R. CO. BY J. A. SIMPSON

In May-August of 1950, J. A. Simpson re-surveys said blocks as shown on his sketch in file No. 31, for Upton Co.

Simpson's sketch shows the northwest corner of Section 43, Block "C" to be 90.8 varas N76° 19' E of Goodfellow's patented northeast corner of Section 50, Block "C". This would make Avera's construction fall 146± varas west of Simpson's. Avera did not set any monuments on his survey.

Simpson set 1-1/2" marked galvanized iron pipes at the northwest and northeast corners of Section 43; and the northeast corners of Sections 23, 30, 31, 38, 26, 27, 34, 35 and 42.

Simpson obtains patents for Sections 26 and 42 and a deed of Acquittance for Section 27.

RE-SURVEY

The control for this project covers a much greater area than that surrounding the Throckmorton C.S.L. Leagues. It consists of approximately 140 conventional control points that are adjusted with 15 GPS points between first order U.S.C. & G.S. triangulation stations Fence and Kanz. This control is based on the Texas State Plane Coordinate System Central Zone, using the North American Datum of 1983.

Identifiable corners found are described as follows:

- A. Estes' patented southwest corner of Section 46, Block 39, T5S, the northeast corner of League 1 Throckmorton C.S.L. and northwest corner of Survey 9, Block M.C. (Ulmer Strip). Found 3" inside diameter G.I.P., with 4" outside diameter pipe coupling on top, in east-west fence.
- B. Estes' patented southwest corner of Section 45, Block 39, T5S. Found 3/4" iron pipe marked "45, 44" 0.4 varas north of an east-west fence.
- C. Southwest corner of Section 44, Block 39, T5S, 3/4" G. I. P. in small mound of small rocks

- D. South 1/2 mile corner of Section 43, Block 39, T5S, rock mound
- E. Southwest corner of Section 43, Block 39, T5S, 3/4" P. in small rock mound marked "SE 48 B40 T5S"
- F. Southwest corner of Section 48, Block 40, T5S, 3/4" G. I. P. in rock mound & marked "SE 47 B40 T5S"
- G. Southwest corner of Section 47, Block 40, T5S, 1" I. P. marked "SW 47, B4\_, T5S"
- H. Estes' patented southwest corner of Section 46, Block 40, T5S. Found a 3/4" G.I.P. marked "SE 45 B40 T5S" on north side of gate post.
- I. Estes' patented southwest corner of Section 45, Block 40, T5S. Found a 2" G.I.P., in east-west fence on the west end of a wire gate, marked "SW 45 T5S B40".
- J. Baker's patented northeast corner of Section 58, Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found a 1-1/2" iron pipe, marked "SE 57 SW56 NW55 NE58 RWB 1941", at a fence corner.
- K. Goodfellow's patented northwest corner of Section 54, Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found auto axle, marked "JJG 58 54", and a few scattered stones in a north-south fence.
- L. Goodfellow's patented southeast reference corner of Section 54, Block "C" C.C.S.D. & R.G.N.G. R.R. Co. Found old auto axle with gear, marked "JJG 53 54" (very faint), 5" below surface of ground; whence the southeast corner of Section 54 bears N 74° 08' 41" E 4.0 varas
- M. Goodfellow's patented northeast reference corner of Section 52 Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found car axle with gear, marked "JJG 52 53", whence the northeast corner of Section 52 bears N 74° 08' 41" E 3.0 varas.
- N. Goodfellow's patented southeast corner of Section 52, Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found auto axle, no marks visible.
- O. Goodfellow's patented northeast corner of Section 50, Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found auto axle with gear projecting 2" above ground, marked but unreadable, in small circle of stones. Simpson's 1-1/2" G.I.P. marked "NW 43", bears N 76° 18' 33" E 90.76 varas.
- P. Simpson's patented northwest corner of Section 42, Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found 1-1/2" G.I.P., marked "NW 42 NE 43", whence Goodfellows auto axle bears S 87° 32' 29" W 86.08 varas, and a 2" G. I. P. of unknown origin marked "43 42" bears N 83° 55' W 99.58 varas.
- Q. Simpson's patented northeast corner of Section 42, Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found 1-1/2" G.I.P. marked "42 35" (called to be marked NE 42 NW 35). From this corner a 2" I. P. of unknown origin, marked "42 35 WW" bears N 79° 12' 14" W 110.09 varas.

- R. Simpson's patented northeast corner of Section 26, Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found 1-1/2" G.I.P., marked "NE 26 NW 19", 9.18 varas south of an east-west fence.
- S. Simpson's patented southeast corner of Section 24, Block "C", C.C.S.D. & R.G.N.G. R.R. Co. Found 1-1/2" G.I.P., marked "21 22 23 24", in the east right-of-way of a north-south County Road.
- T. Found 1-1/2" G. I. P. at the Southwest corner of Survey 9, Block MC
- U. Found 3/8" G. I. P. at the Southeast corner of Survey 9, Block MC
- V. Found 2" G. I. P. at the Northeast corner of Survey 9, Block MC
- W. Avera's southwest corner of a 4054.4 acre tract of land out of League 1 Throckmorton C.S.L. Found 3/4" iron pipe inside a 1-1/2" iron pipe at a fence corner.
- X. Possible Estes' patented southwest corner of Section 4, Block "O", E. L. & R. R. R. R. Co. Found a 1/2" iron pipe whence the northwest corner of M. E. Trammell Survey 2 bears S 74° 01' W 145.98 varas.
- Y. Possible Estes' patented northwest corner of Section 10, Block "A" C. C. S. D. & R. G. N. G. R. R. Co. Found numerous small rocks scattered within a 3.6v.± diameter area 1/2 vara± south of an east-west fence.
- Z. Estes' patented southwest corner of Section 10, Block "A", C. C. S. D. & R. G. N. G. RR. Co. found a 1/2" iron pin, pump shaft, and a circle of stones in an east-west fence 111 varas east of a north-south fence.
- BB. Estes' patented northeast corner of Section 46, Block 40, T-5-S, T. & P. RR. Co. Found a 1-1/2" G. I. P. marked "SE 39 B-40 T-5-S".
- CC. Estes' patented northwest corner of Section 46, Block 40, T-5-S, T. & P. RR. Co. Found a 1-1/2" G. I. P. in a east-west fence, marked "NE 45", whence Estes' patented southeast corner of Section 39, a 3/4" unmarked iron pipe at a fence corner, bears N 74° 02' E 42.05 varas.



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CONSTRUCTION OF LEAGUES 1-4, THROCKMORTON C.S.L. AND BLOCK 1, G.C. & S.F. R.R. CO.

In constructing Leagues 1-4, Throckmorton C.S.L. and Block 1, G.C. & S.F. R.R. Co. It seems that Avera's construction of 1947 will not conform for the following reasons.

1. Avera does not set any identifiable corners.
2. Avera's construction gives the Throckmorton C.S.L. Leagues excess east-west for no apparent reason.
3. Avera's construction is in conflict with sections in Block "C" as surveyed by J.J. Goodfellow.
4. Avera's field notes of sections in Block 1, G.C. & S.F. R.R. Co. were rendered invalid by a letter from the General Land Office to Carl Runge dated July 31, 1947.
5. Avera changes his interior angle at the northeast corner of League 1 from  $90^{\circ} 04'$  to  $90^{\circ} 35' 45''$ .

The first objective is to determine the location of the south line of Blocks 39 and 40, T5S, T & P R.R. Co. This line is controlled by the original and patented corners as described by Robert E. Estes. The corners labeled A, B, H and I are the only corners on the ground now that identify Estes' line. However, from these four corners the remaining corners labeled C-G can be relocated.

There are discrepancies in Estes' calls on this line. However, that does not give reason enough to abandon these corners. Certain corners were also found by R.W. Baker and J.K. Avera to be at the indicated positions. Estes' corners are used in relocating the south line of T. & P. Blocks 39 and 40, T5S.

Step 2 is to reconstruct Leagues 1-4, Throckmorton County School Lands. Begin at a 3" iron pipe with 4" coupling, labeled "A", at the northeast corner of League 1. This corner is called on Estes' sketch of the Ulmer strip to be a "old rk. md. 4" cas". This corner is also called for in Avera's corrected field notes of a 4054 acre tract in League 1. Additional research indicates the location of this corner is undisputed.

Then use Estes' iron pipe, labeled "T", at the southwest corner of the Ulmer Strip to position the east line of the Throckmorton Leagues. This corner no longer exists on the ground but it can be relocated by ties made from existing control.

Also, this corner, as located in 1934 and relocated from existing control misses Estes' called distance back to the northeast corner of League 1 by only 1.48 varas.

This construction makes the interior angle at the northeast corner of League 1  $90^{\circ} 04' 20''$ . Avera's interior angle in his corrected notes for the 4054 acres in League 1 calls for  $90^{\circ} 04'$  and the original call is  $90^{\circ}$ . Also, the southeast corner of the 4054 acre tract surveyed by Avera calls to be 67.1 varas  $S75^{\circ} 06' W$  of a pipe under west right-of-way fence of Rankin-Midland Highway. The pipe is gone, however, a fence corner at its apparent position, in the W. ROW of Hwy. 349, falls 66.8 varas east of this line.

Extend this line from the corner labeled "A" through the corner labeled "T" call distance of 10,000 varas to establish the southeast corner of League 4, Throckmorton Co. School Land. Then position the southeast corner of League 1 at it's call distance of 5000 varas from it's northeast corner.

To complete the construction of the Throckmorton Leagues, give Leagues 1 and 2 their call distance of 5,000 varas along the south line of the T & P. From the northwest corner of League 2, run parallel to the east line of Leagues 1 and 4 giving call distance of 5,000 varas to Leagues 2 and 3. Now close back to the southeast corner of League 4.

Since the south line of the T & P reserve is not straight, but meanders slightly, this construction would leave the south lines of Leagues 3 and 4 with 4999.5 varas each east-west. To correct this the south line of leagues 3 & 4 are given their full call distance of 5000 varas. Now, From the southwest corner of League 3 run parallel to the east line of Leagues 1 & 4 and intersect this line with the south line of the T. & P. This leaves the north lines of Leagues 1 & 2 with 5000.50 varas each east-west. This, however, is not a notable difference from the original call of 5000 varas.

Blocks "B" & "C", C.C.S.D. & R.G.N.G. R.R. Co. are held in the position established by J.J. Goodfellows and J.A. Simpson' patented corners.

Goodfellow's patent corners labeled "L-0" will establish the east lines of Sections 51-53. To position the east line of Sections 54-56, run from Goodfellow's southeast corner of Section 54, Labeled "L", parallel with the west line of Section 55, on a bearing of  $N 15^{\circ} 43' 55'' W$  to intersect with the south line of SSection 46, Block 40, T-5-S, T.&P. RR Co. Then proportion the remaining corners equally between the southeast corner of Section 54, labeled "L", and the northeast corner of Section 56, making each line 1903.42 varas.

This construction makes the interior angle at the northeast corner of Section 54 an angle of  $89^{\circ} 48' 04''$  and the distance along the north line of Section 54 a distance of 1917.08 varas. Goodfellow's calls are  $89^{\circ} 51'$  and 1915 varas respectively.

Simpson's patent corners, labeled "P" "Q" and "R" will establish the north line of Blocks "B" and "C". The distance measured along the north line of Section 42 misses Simpson's call by only 0.36 varas. However, the distance from the northeast corner of Section 42, labeled "Q", to the northeast corner of Section 26, labeled "R", measures 40.98 varas longer than Simpson's call. The interior angle at the northeast corner of Section 26 as defined by Simpson's patent corners labeled "Q" "R" and "S" measures  $88^{\circ} 41' 37''$  as opposed to Simpson's call of  $89^{\circ} 00' 35''$ . Although these discrepancies do exist, these corners are used because they appear undisturbed and represent the line as marked by J.A. Simpson on the ground.

Finally, reconstruct Block 1, G.C. & S.F. R.R. Co. as described by the original field notes by F.J. White.

The east line of Survey 1 Block 1 is positioned by holding the northwest corner of Section 19, Block C, labeled "R" and running north toward the southeast corner of Survey No. 9, Block M.C. labeled "U" to the point of intersection with the south line of League 4, TCSL extended easterly.

Next, proportion the south corners of Surveys 1-4 from the northwest corner of Section 43, Block C, labeled "O" to the northwest corner of Section 19, Block B, labeled "R". Position the north corners of Survey's 1-4 by making the west lines of each survey parallel to the east line of Survey 1 and running north to intersect with the south line of the Throckmorton CSL Leagues. This construction gives surveys 1-4 Block 1 a distance of 2622.22 varas east-west and makes the offset on the east line of Survey 5 a distance of 177.47 varas.

To locate Surveys 5-8 of Block 1 and Survey No. 2, Ben F. Morris, proportion the original north-south calls on the east between the southwest corner of League 3 and the northwest corner of League 2; and on the west between the northeast corner of Section 50, labeled "O", and northeast corner of Section 56 both in Block "C". This proportion gives Surveys 5-8 their original distance north-south along the west line of the Throckmorton CSL Leagues, and falls very close to the original north-south calls along the east line of Block C.

SUMMARY

This construction uses the original and patented corners as described by Estes for the south line of the T & P reserve.

The east line of the Throckmorton Leagues is established by holding the 4" iron pipe at the northeast corner of League 1 and the 1-1/2" iron pipe at the southwest corner of the Ulmer Strip as relocated from existing control. The remainder of the Throckmorton Leagues are put in from original calls.

Blocks "B" and "C", C.C.S.D. & R.G.N.G. R.R. Co. are held by patent corners established by J.J. Goodfellow and J.A. Simpson.

Block 1, G.C. & S.F. R.R. Co. and Survey No. 2 Ben. F. Morris are constructed from their original calls.