


TO THE HONORABLE COMMISSIONERS COURT OF TERRY COUNTY:-

In the matter of surveying out lines along which roads are to be opened in your county; and following your instructions for me to do this surveying, I am herewith submitting a full report of all lines surveyed together with plate showing connections made to original corners and to land marks on the ground, also showing marks along the lines surveyed, and marks along lines upon which roads are to be opened.

On August 26-1913 at 10:12 and 10:16 P.M., 90th Meridian time, azimuth of Polaris was determined and marked at a station near the N.E. corner of section No. 319.

By this method I projected my lines from what is known and accepted at the State Land Office as Double Lakes Corner, this being the original N.E. corner of Survey 319 in Lynn County, Texas, about midway between Double Lakes. In explanation I will state the method of determining true course by azimuth of Polaris is entirely independent of the magnetic needle and therefore free from all magnetic disturbances and errors; the method being conceded by all schools of surveying to be the most accurate possible for ascertaining course.

The corner which I will refer to as Double Lakes Corner is the corner from which the States school land in blocks numbered C31 to C42 is located and is the corner from which the original corners for these blocks are established on the ground at points designated on the accompanying map by three concentric circles, thus: . In tracing out these lines for your county roads, the position of these original corners along base lines established by the State was consulted and conformed to. This policy of adjusting and conforming surveys to old work is necessary because ordinary chained measurements vary in length especially in undulating country covered with brush. Otherwise there would be no end to contentions and controversies in boundaries except by resorting to the expensive methods employed in geodetic surveying, and this is considered impracticable for land surveying because of the enormous expense. Hence where official surveying is considered fairly accurate, adjustments are always made conforming to the old official work, thereby forever settling and preventing disturbances and disputes.

A maximum difference of 20 feet to one mile is

counted 38014

Provided by statute in United State Surveys.

In tracing from Double Lakes Corner ~~xxx~~ West 18 miles and South 2 miles at which point your road was begun, and in connecting this point to the original corner at the S.E. corner of Survey No. 1 Block C38 a total difference in chaining from the Double Lake corner was shown amounting to 17.9 varas in weatings and 20 varas in southings, the longer line being represented by the States original corners which indicates that the trained chain carriers in the States workwere probably more expert in avoiding ~~xxx~~ errors on account of brush, irregular surfaces, etc., and therefore no error ~~will~~ exist, but greater accuracy ~~would~~ be obtained by conforming to the States position.

The closing on the S.E. corner of Survey 1 Block C38 represents a total measurement of 67 miles made in part by two different parties at different times. Hence the difference shown amounts to little more than $\frac{1}{2}$ varas to the mile this variance being far within ordinary variance in chaining across similiar surfaces. In tracing out these lines errors in instrument work was detected and ascertained each clear night by azimuth of Polaris when in elongation. Actual errors were removed by this method and small errors in alinement, caused by refraction, were adjusted so that the final line as described in this report follows with the greatest precision possible the course and distance as called.

Beginning at Double Lakes Corner

Thence West at 8 miles plus 1891 varas, point J is marked with a stone 6x4x1 $\frac{1}{2}$ inches and four small pits on top of chalky hill on east side of Mound Lake.

At 9 miles plus 1890 varas, point K is marked with 8 stones.

At 10 miles plus 1889 varas point L is marked with a pile of eleven stones and 4" iron coupling; whence a new windmill bears N. 49° 51' W. about 1 $\frac{1}{2}$ miles; and Holt's windmill at house bears S. 84° 10' W. about 2 miles the S.E. corner of survey 1 Block T, placed as called in original field notes will fall 11 varas west from point L as marked.

At 11 miles plus 1888 varas, point M is marked with a cypree stake and 4" iron coupling; whence corner of fence

stands west 9.3 varas and south 62 varas; a new windmill bears N. $75^{\circ}22'40''$ E. about $\frac{1}{2}$ miles; and R.L. Kropp windmill bears N. $35^{\circ}23'30''$ W. about 1 mile.

The S.W. corner of Survey 1 Block T, placed as called in original field notes will fall 12 varas west from point H as marked.

At 12 miles plus 1687 varas, point N is marked with a peg and 4" iron coupling, whence Holt's windmill at house bears $\overset{S}{\underset{A}{}}10^{\circ}22'30''$ W. and R.L. Kropp's windmill bears ~~ENE~~ N. $17^{\circ}37'40''$ E. corner of ~~XXXX~~ fence stands west 6.6 varas and south 64.2 varas ~~XXXXXX~~ from point North.

At 13 miles plus 1886 varas, point O is marked with scrap iron; whence fence corner stands west 10.2 varas and south 66.2 varas.

At 14 miles plus 1885 varas, point P is marked with a 1" iron pipe and a 5" iron connection; north and south fence stands $7\frac{1}{2}$ varas west from point P; fence going west corners $7\frac{1}{2}$ varas west and $14\frac{1}{2}$ varas north from point P; corner of fence going east stands $7\frac{1}{2}$ varas west and 63.3 varas south from point P; The N.E. corner of Survey 52 Block T placed as called in original field notes falls 15 varas west from point P as marked.

Beginning at point P 14 miles plus 1885 varas, west from Double Lake corner.

Thence South at 1899 varas point Q is marked with a stone 12x 10x4 marked + in east auto track; whence windmill at R.E. Burnett's house bears N. $84^{\circ}15'40''$ W. fence stands west 8.3 varas; the S.E. corner of survey 52 Block T as called for in the original field notes falls 15 varas west and 1 vara south from point Q as marked.

At 1 mile plus 1898 varas, point R is marked with a 3" galvanized iron pipe; $\frac{1}{2}$ " iron pipe driven in center of public road bears south 69.5 varas; Elmer Spurgeons' windmill bears S. $89^{\circ}49'$ E. about 1000 varas; Groves windmill bears S. $27^{\circ}45'40''$ E.; the S.E. corner of section 51 Block T falls 15 varas west and 2 varas south from point R as marked. Azimuth of road on hill 7 miles east from pipe in center of road indicates that County Road

counter 38018

is 54 varas south from section line at the S.E. corner of section 1 Block Y.

Beginning at an iron pipe at point R.

Thence west at 1899 varas, mark point S with iron pipe 18" long. The S.W. corner of Section 51 Block T falls 16 varas west and 2 varas south from this pipe.

At 3797 varas mark point T with 1" galvanized iron pipe 8" long. The S.W. corner of section 60 Block T falls 17 varas west and 2 varas south from this pipe.

At 5715 varas, mark point U with $\frac{3}{4}$ " iron pipe 2 feet long set 2 varas south.

At 9515 varas, mark point W with $2\frac{1}{2}$ " galvanized iron pipe in center of lane ^{set} 2 varas south of transit line. From this iron pipe the N.E. corner of Brownfield bears south 67.4 varas.

Beginning at $2\frac{1}{2}$ " galvanized iron pipe from which the N.E. corner of Brownfield bears south 67.4 varas.

Thence west at one mile point X is marked with a brick set in ground in lane, fence bears east 11.3 varas.

At 2 miles point Y is marked with a brick ~~wixxxxxxixixk~~ marked + set in ground.

At 3 miles point z is marked with a brick marked + set in ground.

At 4 miles point AA is marked with a brick marked ~~K~~ set in ground; whence S.W. corner of Robertson's house stands 7 varas north and $7\frac{1}{2}$ varas east.

At 5 mile point AB is marked with a brick marked + set in ground; whence fence bears south 7.3 varas

At 6 miles point AC is marked with a brick marked + set in road, lane fences are north 13.4 varas south 3.2

Thence South at 850 to 871 varas cross a lane; at 1900 varas point AD is marked with a brick + and $\frac{1}{2}$ " bolt; fence corner bears west 30 and south $\frac{1}{2}$ varas.

Thence South at 835 varas cross a fence; at 1609 varas cross a fence; at 1900 varas point AE is marked with a brick + set in ground.

Thence South at 1890 varas cross fence; at 1900 varas a point AF is marked with a brick+.

Thence South at 1900 varas point AG is marked with a brick +
Thence South at 324 varas cross a wagon road; at 1000 varas
cross a draw; at 1124 varas cross wagon road; at 1891½
varas cross a fence; at 1900 varas x point AH is marked
with a brick + set in ground.

Thence South at 162 varas cross fence; at 886 varas cross fence;
at 1900 varas point AI is marked with a brick + set
in ground.

Thence South at 1900 varas point AJ is marked with a brick +
set in ground.

Thence South at 5.2 varas cross fence; at 1900 varas point AK
is marked with a brick + set in ground.

Thence West at 1197 varas point AL is marked with a brick + set
in ground

At 1901 varas point AM is marked with a brick⁺ set in ground.
at 3098 varas point AN is marked with a brick + set in ground.

Thence South at 1600 varas cross Sulphur Draw; at 1885 varas
cross fence; At 1900 varas point AO is^{marked} with a brick
+ set in ground; fence east .2 varas.

Thence South at 1900 varas point AP is marked with a ~~mark~~
brick + set in ground. corner of fence stands east 6
varas and south 8 varas; Windmill east ½ mile.

Thence South at 1900 varas point AQ is marked with a brick +
set in ground; whence fence bears east 13 varas.

Thence South at 1900 varas point AR is marked with a brick +
set in ground.

Thence South at 1900 varas point AS is marked with a brick +
set in ground; fence corner is south⁵ and west 4½ varas.

Thence West at 1900 varas point AT is marked with a brick + set
in ground; fence corner is south 14 and west 18½ varas.

Thence South 1900 varas point AU is marked with a brick +
set in ground; fence is north 8 and west 14½ varas.

Thence South at 1900 varas original land corner in north line
of Survey 20 Block C33 this being one of a series of
of original corners in Blocks C31 to C42. Making a base line
extending both east and west from this corner.

ROAD EXTENDING SOUTH FROM A POINT 2 MILES EAST OF BROWNFIELD

Beginning at a point U marked with an iron pipe $\frac{3}{4}$ " in diameter and 2 feet long; fence bears west 1 varas.

Thence South at 80 varas senter of county road; at 90 $\frac{1}{2}$ varas cross fence; at 1900 varas point BA is marked with a brick + in lane.

Thence South at 1900 varas point BB is marked with a stone 8x6x2 inches marked + set in land; fence bears east 8 vrs.

Thence South at 1140 varas cross draw; at 1135 varas cross fence; at 1384.6 varas cross Auto road; at 1900 varas point BC; whence a brick set in ground marked + bears N. 5.6 varas and East 17.9 varas.

Thence South 618.4 varas pass fence going west; at 1900 varas point BD is marked with a brick + set in ground; whence fence extending west bears N. 21.2 and fence extending east bears South 43.2 varas.

Thence South at 1900 varas BE is marked with a brick + set in ground.

Thence South at 1774 varas lane extending east; at 1900 varas point BF is marked with a brick+ set set in ground.

Thence East at 1900 varas point BG is marked with a brick + set in ground; fence bears east 20.9 varas and fence extending east bears south 35 varas.

Thence South 852 varas cross fence; at 1776 varas cross fence; at 1900 varas point BH is marked with a brick + set in ground whence fence bears east 26.4 varas.

Thence South at 1900 varas point BI is marked with a brick + set in ground; fence bears north 164 varas.

Thence South at 1900 varas point BJ is marked with brick + set in ground on sand ridge.

Thence South at 1900 varas point BK is marked with brick + set in ground; fence bears south 37 varas.

Thence South 1900 varas point BL is marked with brick + set in ground.

Thence East ^{BM} 704 varas point N is marked with a brick + set in ground; wagon road bears west 53 varas.

Thence South at 1900 varas point BN is marked with a brick + set in ground; on Scuddy School House grounds; corner

of fence stands N. 17 and east 58.4 varas.

counter 38021

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Thence East at 1900 varas point B6 is marked with brick + set
in ground; corner of fence North $8\frac{1}{2}$ varas and east 12 vrs.

Thence East at 1900 varas point BP is marked with brick + set
in ground.

Thence South at 1900 varas point BQ is marked with brick +
set in ground; fence bears East 2.9 varas.

Thence South at 1900 varas point P7 is marked with a brick +
set in ground; whence fence bears east 2.2 varas.
fence extending east bears south 84.2 varas.

Thence South at 1900 varas set brick + in lane; wooden gate bears
N.1 vara; fence bears east 6 varas; fence extending west
bears south 11 varas.

Thence West at 1900 varas point E6 is marked with fragments of origi-
nal corner; at 3800 varas point C3 is marked with original
stone in ground; these original corners are a part of a base
of original corners
line, extending west in to Yeakum County; and extending
to the north and east connecting with Double Lakes Corner.

6

1847 de do MST

counter 38022

2

ROADS NORTH FROM BROWNFIELD

Beginning at point W marked with an iron pipe; whence N.E. corner of Brownfield townsite bears south 67.4 varas.

Thence North at 1837 varas cross fence; at 1900 varas point CA is marked with brick +. set in ground.

Thence North at 1804.3 varas cross fence; at 1900 varas point CB is marked with brick + set in ground.

Thence North at 1900 point CC is marked with brick + set in ground

Thence North at 1750½ varas cross fence; at 1900 varas point CD is marked with a brick + set in ground; whence fence bears East 20.8 varas.

Thence North at 877.6 varas cross fence; at 1828.8 varas cross fence; at 1900 varas point CE is marked with brick + set in ground.

Thence North at 1160 varas cross draw; at 1900 varas point CF is marked with brick + set in ground.

Thence North at 1162 varas cross fence; at 1900 varas point CG is marked with brick + set in ground.

Thence North 1900 varas point CH is marked with brick + set in ground.

Thence North 1824 varas cross fence; at 1900 varas point CI is marked with a brick + set in ground.

Thence North at 960 varas cross road to Dynamite mill; at 1900 varas point CJ marked with brick + set in ground

Thence North at 1441 varas cross fence; at 1900 varas point CK is marked with brick + set in ground. A.L.Walker windmill bears S. 29° 10' W. ; Mrs. M.G.Abernathy's mill bears N. 19°55'50"W. : Meadow windmill bears S. 85° 00' 50" E.

Thence East at 1247 varas cross fence; at 1900 varas point CL is marked with a brick + set in ground; windmill bears S. 0°55' 20"W. about 1 mile.

Thence North at 1900 varas point CM is marked with a brick + set in ground; fence bears N. 41 varas.

Thence North at 1675 varas to 1885 varas cross shallow basin; at 1900 varas point CN is marked with a brick + set in ground.

Thence East at 1612½ varas cross fence; at 1900 varas point CO

is marked with a brick + set in ground.

Thence North 158 varas cross fence; at 813 varas cross wagon road; at 1900 varas point CP is marked with a brick + set in ground.

Thence East at 566 varas point CQ is marked with a brick + set in ground.

Thence North at 137 varas fence extending west; at 220 varas cross fence; at 1900 varas point CR is marked with a brick set in ground in lane.

Thence North at ~~2222~~^{1673.4} varas point CS is marked with a brick + set in ground in land; Spade Ranch south fence is North 18.6 varas.

Thence N. 89°19' W. with the south line of Donley County School League No. 11, - 1356.4 varas to a brick set in the S.W. corner of League 11; whence corner of fence stands North 4 and west 9 varas; 1 1/2 inch iron pipe ~~mark~~ bears North 3 varas.

Surveyed August 26th to September 7th-1913.

Magnetic variatio of needle along the above reported lines is 11° 12' to 11° 18' East.

I, W.D. Twichell, Special Surveyor for Terry County Roads, do hereby certify that the above report and field notes and accompanying plat are true and correct; and that they correctly describe the boundaries and marks both natural and artificial as they appear upon the ground; and that the survey was actually made in the field.

W.D. Twichell
Special Surveyor for Terry County Roads.

1673.4
19
35-73.4
35-33.
40.4

1913
19

Special Surveyor for Terry County Georgia.

W. D. Twichell

Made in the field.

as they appear upon the ground; and that the survey was actually
described the boundaries and marks both natural and artificial
and accompanying plat are true and correct; and that they correctly
do hereby certify that the above report and field notes
of W. D. Twichell, Special Surveyor for Terry County Georgia,

To Be, to To Be, etc.

Magnetic variation of needle along the above reported lines is

given and shown on the map.

10/1
10/2
10/3
10/4
10/5
10/6
10/7
10/8
10/9
10/10

Terry County A.
Sketch Files
Road Surveys

by
W. D. Twichell - 1913

*Map in
Sketch
- 25 - 31*

W. D. Twichell's Report to Commis-
sioners Court on Road Routes.
Fr. Aug. 26 to Sep. 7, 1913 -
Filed March 25, 1931.

counter 38025

Thence North 123 acres cross fence; at 112 acres cross wagon road;
is marked with a brick + set in ground.
at 1000 acres point on is marked with a brick + set
in ground.
in ground.