

CAMERON COUNTY
ROLLED SKETCH NO. US2

counter 43807

"A"

FIELD NOTES

Of the survey of the

Boundaries of the abandoned Military Reservation of
Fort Brown.

In the State of Texas

Executed By

Chas. M. Pidgeon, U. S. Surveyor, and
William H. Richards, Jr., U. S. Transitman.

In the capacity of U. S. Surveyors, under instructions
dated June 22, 1912, issued by the Commissioner of the
General Land Office.

Survey commenced June 17, 1912.

Survey completed February 25, 1913.

Survey commenced Feb. 12, 1913, and executed with a Young and Sons Light Mountain Solar transit No. 8570. The horizontal limb is provided with two double opposite verniers, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Boise, found correct and approved by the Surveyor General for Idaho, Oct. 26, 1912.

I examine the adjustments of the transit and correct the level and collimation errors; then to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows:

Feb. 14, 1913: At a pt. in the parade ground of Fort Brown in latitude $25^{\circ}53'$ N., and longitude $97^{\circ}21'$ W. at 9:48 p.m. by my watch which is 2 minutes fast of local mean time, I observe Polaris at western elongation, in accordance with instructions in the Manual, and mark the line thus determined, by a tack in a wooden stake driven 5 chs. N. of my station.

Feb. 15, 1913: At 7:45 a.m. I turn off the azimuth of Polaris $1^{\circ}16'52''$ to the east, and mark the meridian thus determined by a tack in a wooden stake previously set.

At 8:03 a.m. l.m.t., I set off $25^{\circ}53'$ on the lat. arc; $13^{\circ}03'5''$ S on the declination arc; and mark a pt. in the meridian determined with the solar, by a nail in the meridian stake 0.5 ins. east of the stellar meridian.

Feb. 15, 1913 at 4:03 p.m. l.m.t. I set off

25° 53' N. on the lat. arc; 12° 57' S. on the declination arc; and mark a pt. in the meridian stake 0.4 ins. west of the stellar meridian.

The solar apparatus by a.m. and p.m. observations, defines positions for meridians respectively 21" east and 13" west of the stellar meridian, therefore I conclude that the adjustments of the instrument are satisfactory.

Feb. 12, 1913. After careful retracement of the lines run by Mr. J. W. Davis, City Engineer of Brownsville, Texas; in the survey of the B'dys. of the Fort Brown Abandoned Military Reservation, I find no evidence of the mesquit posts, which were supposed to have been set at the angle pts. on the boundaries. No monuments of any kind are found at the corners of the Reservation.

The Northern and Eastern boundaries of the Reservation are capable of being definitely established from well-known land marks.

The Northern bdy. is described in the old notes as running parallel with the brick wall which separates the Reservation from the city of Brownsville and at a distance of 30 ft. from the outside face of the wall.

The Eastern bdy. is marked by a solid, well-built barb-wire fence which has always been accepted by local surveyors

and property-Owners as the true boundary
of the Reservation.

By a careful projection of these established
lines, I locate the N.E. corner of the
Reservation at their intersection. As
this point agrees very closely with the
point designated by Mr. Davis, City Engineer
of the City of Brownsville, as his starting
point and as the bearings of the two
lines are nearly equivalent to the magnetic
courses as described in Executive Order
No. 1545, of June 12, 1912, I accept this
pt. as the N.E. cor.

Set a solid wrought iron axle, 2 ft. long,
3 ins. diam., 26 ins. in the ground
for the N.E. corner with exact pt. for
cor. mkd. by a small hole bored in the
top of the post, from which

A mesquit fence cor. post bears S. $52^{\circ}38'$ E.
34.4 ft. dist.

Feb. 12, 1913, I begin at the intersection
of Elizabeth and 13th Streets, in the
City of Brownsville which is marked by a
granite stone 5 ins. square, set below
the street level, marked by small hole
in center.

Thence I run on center line of Elizabeth street
S. $43^{\circ}52'15''$ E. 470.2 ft. to intersection
with the Northern boundary of the abandoned
Military Reservation of Fort Brown.

Thence I run

N. $66^{\circ}12''$ E. on Northern boundary of the
Reservation 25.04 chains (1652.7 ft.)

Intersect N.E. cor. of the Fort Brown Military
Reservation, heretofore described.

From this corner as the point of beginning
I run along barbed wire fence, Eastern boundary
of the Reservation.

Courses Chains.

S 52° 44' E. 51.25 To well defined angle point in wire fence
being a cor. of the Reservation.

Set a hollow cast iron post 3 ft. long
5 ins. diam. at base, 4 ins. at top,
30 ins. in ground, with exact point for
cor. marked by small hole in wooden
plug driven in the post for angle point
No.1, from which

A mesquit 12 ins. diam. bears N. 51° E.
44.1 ft. dist. marked FBRBT.

Thence I run
along barbed wire fence

S.19° 50' E. 14.73 To a pt. on the left bank of the
Rio Grande.

Set a hollow cast iron post 3 ft. long,
4 ins. diam., at base, 3 ins, diam., at
top, 28 ins. in the ground, for S.E. cor.,
with wooden plug in the top mkd. with
exact pt. for cor. by small hole, A. P. No.2.
Thence with the Meanders of the left
bank of the Rio Grande.

N.50° 51' W. 10.48

N.60° 28' W. 5.03

N.70° 21' W. 10.64 at 6.36 chs. to East face of residence of
the Garden Superintendent.

at 7.58 to East face of Garden Headquarters.

N.89° 40' W. 6.35

S.49° 42' W. 2.00

Survey of the Bdays. of the Fort Brown Aband. Mil.
Reservation.

5

Courses. Chains.

S. 24° 34' W. 4.85
S. 22° 36' W. 7.76
S. 14° 36' W. 6.76
S. 9° 06' W. 7.38
S. 4° 09' W. 4.96
S. 9° 38' W. 5.82
S. 5° 21' E. 2.39
S. 7° 09' W. 6.61
S. 10° 42' W. 13.57
S. 17° 11' W. 7.86
S. 38° 26' W. 7.18
S. 49° 29' W. 7.66
S. 66° 44' W. 9.53
S. 85° 37' W. 3.50
N. 42° 07' W. 5.38
N. 8° 36' W. 5.01
N. 0° 36' W. 3.54
N. 2° 25' E. 4.94
N. 1° 40' E. 4.97
N. 3° 25' E. 7.80
N. 7° 25' E. 17.88
N. 4° 55' E. 16.49
N. 0° 35' W. 22.68
N. 9° 18' W. 8.09
N. 28° 03' W. 4.77
N. 35° 44' W. 2.74

Intersect Northern Bdy. of Reservation.

Set cast iron post, 4 ins. diam. at base,

3 ins. diam. at top, 2½ ft. long, set

entirely in the ground for N.W. cor. of
the Ft. Brown Military Reservation

Abandoned, and the N.W. Cor. of Townsite

of Ft. Brown, with exact pt. for cor. mkd.

by small hole in wooden plug, in top of
post.

Courses Chains

Thence, from the N.W. cor. of the Reservation,
leave the river, and offset S. $23^{\circ}48'$ E. to
center of Boundary street of Townsite of
Fort Brown.

Thence N. $66^{\circ}12'$ E., parallel with brick wall
and at 18.03 chs. (1190 ft.) offset N. $23^{\circ}48'$ W.
N.E. cor. of townsite of Fort Brown, and
north boundary of Reservation.

18.03 Set end of wrought iron exle, 3 ft. long
3 ins. diam. at base, $2\frac{1}{2}$ ins. diam. at top.
22 ins. in ground for N.E. cor. of townsite
of Fort Brown, with exact cor. point marked
by small hole in top of post.

Thence offset S. $23^{\circ}48'$ E. 15 ft. to center of
Boundary Street.

Thence N. $66^{\circ}12'$ E. continuing N. boundary
11.54 chs. (762 ft.).

Thence offset N. $23^{\circ}48'$ W. 15 ft.

29.57 To N.E. cor. of Reservation and point of
beginning.

(Signed) William H. Richards, Jr.

U. S. Transitman, G. L. O.

Note: Measurements were made with 300 ft. tape,
and expressed in feet on diagram sub-
mitted but were reduced to chains in
field notes for convenience in computa-
tion.

7

For certificate of assistants see final oath of
C. M. Pidgeon Book "B"

I, William H. Richards, Jr., U.S. Transitman do solemnly swear that, in pursuance of special instructions received from the U.S. Commissioner of the Gen. Land Office, bearing date of the 22nd day of June, 1912, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts of portions of the boundaries of the Fort Brown Abandoned Military Reservation, in the State of Texas, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U.S. Commissioner of the Gen. Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William H. Richards, Jr.

U.S. Transitman.

Subscribed by said William H. Richards, Jr. and sworn to before me)
this 2d day of June, 1913.

John R. Young, Clerk.

(SEAL)

Supreme Court of the District of Columbia.

APPROVAL.

Department of the Interior

General Land Office,
Washington, D.C., Dec. 16, 1913.

As the foregoing field notes of the survey of the boundaries of the Fort Brown abandoned Military Reservation in the State of Texas executed by {Chas. M. Pidgeon, U.S. Surveyor and William H. Richards, U.S. Transitman} under special instructions dated June 22, 1912, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) Clay Tallman,
Commissioner.

I certify that the foregoing transcript of the field notes of the above-described surveys in the State of Texas, has been correctly copied from the original notes on file in this office.

JTA.

CLDB

Clay Tallman,
Commissioner

Counter 73912

Jesse Jorgensen

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Chas. M. Pidgeon, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts of portions of The Fort Brown Abandoned Military Reservation, in the State of Texas, which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

Name	Period of Service.	Capacity
	Begun	Ended
Jesse Jorgensen	June 19, 1912	June 24, 1912
		Chainman

Subscribed and certified to before me on the dates of the final service as shown above.

Chas. M. Pidgeon,
U. S. Surveyor.

I certify that the foregoing transcript of the field notes of the above-described surveys in the State of Texas, has been correctly copied from the original notes on file in this office.

WDF
by Talman,
Commissioner

counter 73814

FINAL OATH OF UNITED STATES SURVEYOR.

I, Chas. M. Pidgeon, U. S. Surveyor, do solemnly affirm that, in pursuance of special instructions received from the Commissioner of the General Land Office bearing date of the 22 day of June, 1912, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the townsite of Fort Brown on the Fort Brown Abandoned Military Reservation, and acre lots adjacent to the townsite of Fort Brown, all within the abandoned Fort Brown Military Reservation, in the State of Texas, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly affirm that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the Commissioner of the General Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Chas. M. Pidgeon,

U. S. Surveyor.

Subscribed by said Chas. M. Pidgeon, and affirmed to before me)
this 19th day of August, 1912.)

L. Mauch,

SEAL.

Clerk of Dist. Court.

APPROVAL.

Department of the Interior,

General Land Office,

Washington, D. C., Dec. 16, 1913.

As the foregoing field notes of the survey of the townsite of Fort Brown, and acre lots adjacent thereto, within the abandoned Fort Brown Military Reservation, in the State of Texas, executed by Chas. M. Pidgeon, U. S. Surveyor, under his special instructions dated May 17th, 1912 and June 22, 1912, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) Clay Tallman,
Commissioner.

counter 73815

"B"
FIELD NOTES

Of the survey of the
Townsite of Fort Brown and The Subdivision
thereof into Blocks, Lots, Streets and Alleys:

also
The Survey of Acre Lots adjacent to the Townsite
of Fort Brown, all within the Abandoned Military
Reservation of Fort Brown

In the State of Texas

Executed By

Chas. M. Pidgeon, U. S. Surveyor, and
Wm. H. Richards, Jr., U. S. Transitman.

In the capacity of U. S. Surveyor, under instructions
May 17, 1912 and
dated June 22, 1912, issued by the Commissioner of the
General Land Office. }

Survey commenced June 17, 1912.

Survey completed February 25, 1913.

Courses. Chains.

Feb. 13, 1913, I begin at the N.E. cor. of the townsite of Fort Brown established and described in the survey of the Exterior boundary of the Fort Brown Military Reservation.

At this cor. I set off 25°53' N. on the lat. arc; 13°24' S. on the decl. arc, and at 7:30 a.m., l.m.t., determine a meridian with the solar; thence I run on the eastern boundary of townsite S. 53°13' E. and at 294 ft. intersect face of frame building. I therefore return to the N.E. cor. of townsite and run

S. 64°15' E. 6.97 chs.

S. 45° 2' E. 9.35 chs. to angle point No. 2

therefore

	N.	S.	E.	W.
S. 64°15' E. 6.97		3.03	6.27	
S. 45° 2' E. 9.37		6.61	6.62	
N. 53°13' W. 16.09	9.64			12.89
	9.64	9.64	12.89	12.89
$\frac{1289}{964} =$	$1.33714 = \text{Tan. } 53^\circ 13'$			

$$\frac{2}{9.64} = 929296$$

$$\frac{2}{12.89} \quad 166.1521 = \sqrt{259.0817} = 16.09 \text{ chs.}$$

or 1062 ft. - the course and length of the

Eastern boundary is therefore

S. 53°13' E. ^{feet} 1062 at 294 ft. face of frame house

Set Mesquit post, 3 X 3 ins. X 2½ ft. 20 ins.

in ground marked A.P.2, from which

A Boundary Commission Monument, which

is a concrete slab 8 X 8 X 8 ins. above ground

with iron cap marked B C bears

N. 55 53' W. 170.6 ft.

Courses Feet

- Thence
- S. $37^{\circ}56'W$. 280. To edge of roadway bordering on Lagoon
Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 3
- N. $77^{\circ}43'W$. 310. Set mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 4, along roadway 50 ft. from Lagoon.
- S. $89^{\circ}36'W$. 220. Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 5.
- S. $69^{\circ}30'W$. 430. Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 6.
- S. $59^{\circ}25'W$. 424 Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 7.
- S. $11^{\circ}43'E$. 72.6 To S.E. cor. of block 11 of Townsite and N.E. cor. of acre lot 14.
Set a Mesquit post $4 \times 4 \times 30$ inst. 20 ins. in ground, for cor. of block 11 and acre lot 14 mkd. 11 on NW and 14 on SW. faces.
Thence continue 50 ft from edge of Lagoon and following Lagoon for 200 ft.
- S. $11^{\circ}43'E$. 6.58 Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 8.
- S. $16^{\circ}26'E$. 597 Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 9.
- S. $26^{\circ}20'E$. 820 Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 10.
- S. $79^{\circ}35'W$. 312 Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 11.
- S. $65^{\circ}40'W$. 159 Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 12.
- S. $6^{\circ}50'E$. 393 Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 13.
- N. $81^{\circ}50'W$. 417 Set Mesquit post $3 \times 3 \times 30$ ins. 20 ins. in ground, marked A P 14, on bank of the

Courses - Feet

Rio Grande, the point of intersection with the meander line falls on bank where it is liable to destruction, therefore S. 81° 50' E. 20 ft. from true point Set a Mesquit post 3 X 3 X 30 ins. 20 ins. in ground for witness cor. to A P 14 marked W C on SE., and A P 14 and 18 on NE. faces.

Thence along left bank of Rio Grande.

N. 4° 55' E. 712 Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 15.

N. 0° 35' W. 1497 To A P 16, point for A P 16 falls on edge of bank where it is liable to destruction. Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground 86 ft. N. 14° E. of true point marked W C. A P 16 on SE and 14 on NE. faces.

Thence

N. 9° 18' W. 128 To intersection with S. boundary of Townsite of Fort Brown, point for cor. falls on edge of Rio Grande, impossible to set cor. Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground 28.4 ft. N. 66° 12' E. of true point for cor. for W C. to NW. cor of lot 14 and SW. cor of Townsite marked 14 on SE. face.

Thence from the true point for cor. I run

N. 66° 12' E. 103.5 To point for SW. for block 11 Townsite of Fort Brown; thence

N. 66° 12' E. 83.5 To SE. cor. block 11 and NE. cor. of acre lot 14, before described.

I return to the true point for NW. cor. of lot 14 and SW. cor. of townsite and run

N. 9° 18' W. 406 To A P 17 (A P 31 of boundary survey)

N. 28° 03' W. 315 To A P 18 (" " 32 " " ")

Courses. Feet

N.35°44'W. 181 To NW. cor. of the Reservation and NW. cor
of Townsite of Ft. Brown

Thence along N line of Boundary Street

N.66°12'E. 1190 To NE. Cor. of Townsite and place of beginning

Chas. M. Pidgeon,

U. S. Surveyor.

Feet.

Feb. 14, 1913- I began at the post A P 8 set in the survey of the B'dys. of the 5 acre lots-
Fort Brown.

At this cor. I set off $25^{\circ}53'$ on the lat. arc,
 $13^{\circ}03'5''$ S. on the decl. arc, and at 8.00 a.m.,
l.m.t. determine a meridian with the solar.

Thence I run

$N.85^{\circ}24'W.$ bet lots 14 and 15 thru
dense mesquit.

279.2 Intersect left bank of the Rio Grande 420 ft.
 $S.0^{\circ}35' E.$ of AP 16 recently described in
the survey of the 5 acre lots.

True pt. for cor. falls on edge of bank

where it is liable to destruction therefore
I mark a mesquit tree 12 ins. diam. 29.7 ft.

$S.85^{\circ}24' E.$ of true pt. for witness

cor. to cor. of lots 14 and 15 with W C., 14 on
NE., and 15 on SE. faces.

I begin at post A P 9 described in survey of
the 5 acre lots. Thence I run

$S.84^{\circ}46'W.$ bet lots 15 and 16 thru
dense mesquit.

442.2 Intersect left bank of Rio Grande 442
ft. N. $0^{\circ}35'W.$ of AP 15.

True point for cor. falls on edge of bank

where it is liable to destruction therefore

I set a mesquit post 30 ins. long, 3 ins. square,

20 ins. in the ground, for W C 37 ft. N. $84^{\circ}46' E.$

of true pt. witness cor. of lots 15 and 16

mkd. 15 on NE., 16, W C on SE. faces.

I return to the A P 9. Thence I run

$S. 26^{\circ}20' E.$ on Eastern Bdy. lot 16.

462 Set a mesquit post 30 ins. long, 3 ins. square,

Feet

20 ins. in the ground for cor. of lots
 16 and 17 mkd. 16 on NW. and 17 on SW. faces.
 Thence I run
 S. 89°13' W., bet. lots 16 and 17.
 641.5 Intersect left bank of Rio Grande 59 ft.
 N. 0°35' W. of A P 15. True pt. for cor. fall
 on edge of bank where it is liable to destruction.
 Set a mesquit post 30 ins. long, 3 ins. square,
 20 ins. in the ground 20 ft. N. 89°13' E. of true
 pt. for witness cor. to cor. of lots 16 and 17
 mkd., 16 on NE., 17, W C on SE faces.
 I begin at A P 10 recently described in survey
 of Bdys. of 5 acre lots. Thence I run
 N. 88°55' W. bet lots 17 and 18 thru
 dense mesquit.
 820 Intersect left bank of Rio Grande 239 ft.
 S. 4°55' W. of A P 15.
 True pt. for cor. falls on edge of bank where
 it is liable to destruction therefore
 I set a mesquit post 30 ins. long, 3 ins. square,
 20 ins. in the ground 20 ft.
 S. 88°55' E. of true pt. for witness cor. to cor.
 of lots 17 and 18 mkd. 17 on NE., 18 and W C
 on SE. faces.

The 5 acre lots south of the Fort Brown townsite
 are lot and covered with dense growth of mesquit
 bushes! The soil is rich clay loam suitable to
 agriculture.

Chas. M. Pidgeon,
 U. S. Surveyor.

Feet

Survey commenced June 17, 1912 and executed with a Young and Sons Light Mt. Solar transit. For descriptions of instruments and tests see Field Notes of Survey of Bdys. of Fort Brown Mil. Reservation.

I begin at the intersection of Elizabeth and 13th Streets, in the city of Brownsville previously described.

Thence I run S. $43^{\circ} 52' 15''$ E.

518.1 ft. to the intersection of the south side of Boundary Street with the center line of Elizabeth St., 15 ft. inside the quartermaster's wall (Bdy. St. runs parallel to the wall.)

	Thence S. $66^{\circ} 12' W.$ on south side of Boundary Street
30.	To west side of Elizabeth Street
250.	To NW. cor. Block 13 and east line of Levee Street
	Returning to the initial point in center of Elizabeth Street; thence
	N. $66^{\circ} 12' E.$ on south side of Boundary Street
30.	To east side of Elizabeth Street
150.	To west side of alley
170.	" east side of alley
290.	" west side of Washington Street
350	" east " " " "
470	" west " " alley
490	" east " " "
610	" west side of Adams Street
670	" east " " " "
790	" west side of alley
810	" east " " "
900.8	" east boundary of townsite and NE. cor. Block 4

Feet

51.6 ft. S. $53^{\circ}13'$ E. of NE. cor. of townsite
Elizabeth, Washington, Adams and Jefferson streets
are run at right angles to Boundary Street
which parallels the brick wall.

Beginning at the intersection of the west side
of Elizabeth Street and the south side of
Boundary Street I run

S. $23^{\circ}48'$ E. along west side of Elizabeth Street.

240. To North side of Main St.

300. To South " " " "

540. To North " " Lee St.

600. To South " " " "

754.1 Intersect Lagoon Roadway

Reserve 124.2 ft. N. $59^{\circ}25'$ E. of

A P 7 of the Townsite Bdy.

Beginning at the intersection of the
west side of Elizabeth St. and the south
side of Lee St., I run S. $66^{\circ}12'$ W. on
south side of Lee St. 140 ft. to East
side of Levee St. and N.W. cor. of block 11.
Returning to the intersection of Eliz.

and Lee Sts. just mentioned I run

N. $66^{\circ}12'$ E. on south side of Lee St.

60 to East side of Elizabeth St.

820 To west side of alley.

840 To east " " "

960 To west side of Jefferson St.

1020. To east " " " "

1268.9 To intersection with eastern boundary of the Townsite

Blocks 5, 7, 8, 9, and 10 are regular and are sub-
divided into the standard lots of 120 X 60 ft.

Blocks 1, 2, 3, 4, 6, 11, 12 and 13 are made

irregular by the Townsite Bdy. and the

Rio Grande and all lots are duly dimensioned on the
plat.

Block No. 1, upon which is situated the Hospital Building has been left in a solid block in accordance with instructions.

Block corners are mesquit posts

2½ ft. long, 5 ins. square, set 20 ins. in the ground.

Alley stakes are 2 X 2½ X 16 ins. (pine)

Lot " are 1 X 1 X 12 " "

At the intersections of the center lines of Elizabeth St. with the center lines of Lee, and Main and the south line of Boundary Sts. and the intersection of the center lines of Adams and Main Sts., set hollow cast iron caps, 1" thick, base 12" square with pyramid top, 12" high.

Chas. M. Pidgeon

William H. Richards, Jr.

Marx Cohen

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Chas. M. Pidgeon, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts of portions of Boundaries of The Fort Brown Abandoned Military Reservation. The survey of the townsite of Ft. Brown and subdivision thereof into Lots, Blocks, Streets and alleys; also the survey of the acre lots numbered 14, 15, 16, 17 and 18, adjacent to the townsite of Fort Brown, all within the Abandoned Military Reservation of Fort Brown, in the State of Texas, which are represented in the foregoing field notes as having been executed by him, and under his directions; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

Name.	Period of Service		Capacity.
	Begun.	Ended.	
Marx Cohen	June 17, 1912	June 24, 1912	Chainman.

Subscribed and certified to before me on the dates of the final service as shown above.

Chas. M. Pidgeon,
U. S. Surveyor.

Claude White

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Chas. M. Pidgeon, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of The Fort Brown Abandoned Military Reservation, in the state of Texas, which are represented in the foregoing field notes as having been executed by him, and under his directions; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

Name.	Period of Service Begun.	Ended.	Capacity.
Claude White	June 17, 1912	June 24, 1912	Chainman.

Subscribed and certified to before me on the dates of the final service as shown above.

Chas. M. Pidgeon,
U. S. Surveyor.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted,
to the best of our skill and ability, Wm. H. Richards, Jr., Transitman and
Chas. M. Pidgeon,

U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts of portions of boundaries of The Fort Brown Abandoned Military Reservation, in the State of Texas, which are represented in the foregoing field notes as having been executed by them and under this direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

Name	Period of Service.		Capacity.
	Began.	Ended.	
Claude White	Feb. 10, 1913	Feb. 25, 1913	Chainman
Robert Neale	Feb. 10, 1913	Feb. 25, 1913	"
T. J. Shanchan	Feb. 10, 1913	Feb. 25, 1913	"
R. E. Pidgeon	Feb. 10, 1913	Feb. 25, 1913	"

Subscribed and certified to before me on the dates of the final service as shown above.

Chas. M. Pidgeon,

U. S. Surveyor.

IN REPLY PLEASE REFER TO

237259

"E" A S.

3477

RECEIVED

DEC 22 1913

Referred to Map

DEPARTMENT OF THE INTERIOR

GENERAL LAND OFFICE

WASHINGTON

December 18, 1913.

ADDRESS ONLY THE COMMISSIONER OF THE GENERAL LAND OFFICE

W.D.

Plats and field notes, Survey
Fort Brown; Texas.

Commissioner of the General Land Office
of the State of Texas,
Austin, Texas.

My dear Sir:

For your information and the files of your office, I transmit herewith, under separate cover, two plats and two transcripts of the field notes of the survey of the abandoned Military Reservation of Fort Brown, Texas, and subdivision of a portion thereof into the townsite of Fort Brown and acre lots, executed by Chas. M. Pidgeon, U. S. Surveyor, and Wm. H. Richards, Jr., U. S. Transitman, under instructions of June 22, 1912, and under authority of the Act of Congress approved July 5, 1864. (23 Stats., 103).

Please acknowledge receipt.

Very respectfully,

C. M. Bruce
Assistant Commissioner.

12-16--MNF.

Commissioner of the General Land Office.

issued by the United States Surveyor General to govern surveys included in
Group No. _____; which were approved by the Commissioner of the General Land
Office, _____, 1911; pursuant to authority contained in the Act of
Congress dated _____, 1911.

Survey commenced June 17, 1913.

Survey completed February 25, 1914.

6-151

County Counter 13829

Map
Compared

"B".
FIELD NOTES

OF THE SURVEY OF THE

Townsite of Fort Brown and The Subdivision

thereof into Blocks, Lots, Streets and Alleys;

also

The Survey of Acre Lots adjacent to the Townsite

of Fort Brown, all within the Abandoned Military

Reservation of Fort Brown

Of the _____ Meridian,

In the State of Texas

EXECUTED BY

Chas. M. Pidgeon, U. S. Surveyor, and

Wm. H. Richards, Jr., U. S. Transitman.

In the capacity of U. S. Surveyor, under instructions dated May 17, 1912 and June 22, 1912,

Commissioner of the General Land Office.

issued by the ~~United States Surveyor General to govern surveys included in~~

~~Group No. _____, which were approved by the Commissioner of the General Land~~

~~Office, _____, 191____, pursuant to authority contained in the Act of~~

~~Congress dated _____, 191____~~

Survey commenced June 17, 1912.

Survey completed February 25, 1913.

counter F3830

FIELD NOTES
No. 10
SOUTH SURVEY OF
of 1
INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Courses Chains.

Feb. 13, 1913, I begin at the N.E. cor. of the townsite of Fort Brown established and described in the survey of the Exterior boundary of the Fort Brown Military Reservation.

At this cor. I set off $25^{\circ} 53'$ N. on the lat. arc; $13^{\circ} 24'$ S. on the decl. arc, and at 7:30 a.m., l.m.t., determine a meridian with the solar; thence I run on the eastern boundary of townsite S. $53^{\circ} 13'$ E. and at 294 ft. intersect face of frame building. I therefore return to the N.E. cor. of townsite and run

S. $64^{\circ} 15'$ E. 6.97 chs.
 S. $45^{\circ} 2'$ E. 9.35 chs. to angle point No. 2
 therefore

	N.	S.	E.	W.
S. $64^{\circ} 15'$ E. 6.97		3.03	6.27	
S. $45^{\circ} 2'$ E. 9.37		6.61	6.62	
N. $53^{\circ} 13'$ W. 16.09	9.64			12.89
	<u>9.64</u>	<u>9.64</u>	<u>12.89</u>	<u>12.89</u>
$\frac{1289}{964} =$	1.33714 = Tan. 53.13°			

$$\frac{\quad}{9.64}^2 = 929296$$

$$\frac{\quad}{12.89}^2 = 166.1521 = \sqrt{259.0817} = 16.09 \text{ chs.}$$

or 1062 ft. - the course and length of the

Eastern boundary is therefore

S. $53^{\circ} 13'$ E. ^{feet} 1062

at 294 ft. face of frame house

Set Mesquit post, 3 X 3 ins. X $2\frac{1}{2}$ ft. 20 ins.

in ground marked A.P.2, from which

A Boundary Commission Monument, which

is a concrete slab 8 X 8 X 8 ins. above ground

with iron cap marked B C bears

N. $55^{\circ} 53'$ W. 170.6 ft.

Courses Feet

- Thence
- S. $37^{\circ} 56'$ W. 280. To edge of roadway bordering on Lagoon
Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 3
- N. $77^{\circ} 43'$ W. 310. Set mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 4, along roadway 50 ft. from Lagoon
- S. $89^{\circ} 36'$ W. 220. Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 5.
- S. $69^{\circ} 30'$ W. 430. Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 6.
- S. $59^{\circ} 25'$ W. 424. Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 7.
- S. $11^{\circ} 43'$ E. 72.6 To S.E. cor. of block 11 of Townsite and N.E. cor. of acre lot 14.
Set a Mesquit post 4 X 4 X 30 ins. 20 ins. in ground, for cor. of block 11 and acre lot 14 mkd. 11 on NW and 14 on SW. faces
Thence continue 50 ft from edge of Lagoon and following Lagoon for 200 ft.
- S. $11^{\circ} 43'$ E. 6.58 Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 8.
- S. $16^{\circ} 26'$ E. 597 Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 9.
- S. $26^{\circ} 20'$ E. 820. Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 10.
- S. $79^{\circ} 35'$ W. 312 Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 11.
- S. $65^{\circ} 40'$ W. 159 Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 12.
- S. $0^{\circ} 50'$ E. 393 Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 13.
- N. $81^{\circ} 50'$ W. 417 Set Mesquit post 3 X 3 X 30 ins. 20 ins. in ground, marked A P 14, on bank of the

Courses Feet

Rio Grande, the point of intersection with the meander line falls on bank where it is liable to destruction, therefore

S. $81^{\circ} 50'$ E. 20 ft. from true point

Set a Mesquit post 3 X 3 X 30 ins. 20 ins.

in ground for witness cor. to A P 14

marked W C on SE., and A P 14 and 18 on

NE. faces.

Thence along left bank of Rio Grande.

N. $4^{\circ} 55'$ E. 712 Set Mesquit post 3 X 3 X 30 ins. 20 ins.
in ground, marked A P 15.

N. $0^{\circ} 35'$ W. 1497 To A P 16, point for A P 16 falls on edge
of bank where it is liable to destruction.
Set mesquit post 3 X 3 X 30 ins. 20 ins.
in ground 86 ft. N. 14° E. of true point
marked W C. A P 16 on SE and 14 on NE. faces.

Thence

N. $9^{\circ} 18'$ W. 128 To intersection with S. boundary of Townsite of
Fort Brown, point for cor. falls on edge of
Rio Grande, impossible to set cor.

Set Mesquit post 3 X 3 X 30 ins. 20 ins. in
ground 28.4 ft. N. $66^{\circ} 12'$ E. of true point

for cor. for W C. to NW. cor. of lot 14 and
SW. cor. of Townsite marked 14 on SE. face.

Thence from the true point for cor. I run

N. $66^{\circ} 12'$ E. 103.5 To point for SW. cor. block 11 Townsite of
Fort Brown; thence

N. $66^{\circ} 12'$ E. 83.5 To SE. cor. block 11 and NE. cor. of acre lot
14, before described.

I return to the true point for NW. cor. of lot

14 and SW. cor. of townsite and run

N. $9^{\circ} 18'$ W. 406 To A P 17 (A P 31 of boundary survey)

N. $28^{\circ} 03'$ W. 315 To A P 18 (" " 32 " " ")

Feet

Feb. 14, 1913 - I began at the post A P 8 set in the survey of the Bdys. of the 5 acre lots -
Fort Brown.

At this cor. I set off $25^{\circ} 53'$ on the lat. arc,
 $13^{\circ} 03' 5''$ S. on the decl. arc, and at 8.00 a.m.,
l.m.t. determine a meridian with the solar.

Thence I run
 $N. 85^{\circ} 24' W.$ bet lots 14 and 15 thru
dense mesquit

279.2 Intersect left bank of the Rio Grande 420 ft.
 $S. 0^{\circ} 35' E.$ of A P 16 recently described in
the survey of the 5 acre lots.
True pt. for cor. falls on edge of bank
where it is liable to destruction therefore
I mark a mesquit tree 12 ins. diam. 29.7 ft.
 $S. 85^{\circ} 24' E.$ of true pt. for witness
cor. to cor. of lots 14 and 15 with W C., 14 on
NE., and 15 on SE. faces.
I begin at post A P 9 described in survey of
the 5 acre lots. Thence I run
 $S. 84^{\circ} 46' W.$ bet lots 15 and 16 thru
dense mesquit.

442.2 Intersect left bank of Rio Grande 442
ft. $N. 0^{\circ} 35' W.$ of AP 15.
True point for cor. falls on edge of bank
where it is liable to destruction therefore
I set a mesquit post 30 ins. long, 3 ins. square,
20 ins. in the ground, for W C 37 ft. $N. 84^{\circ} 46' E.$
of true pt. witness to cor. of lots 15 and 16
mkd. 15 on NE., 16, W C on SE faces.
I return to the A P 9. Thence I run
 $S. 26^{\circ} 20' E.$ on Eastern Bdy. lot 16.

462 Set a mesquit post 30 ins. long, 3 ins. square,

Subdivision lines of 5 acre lots, Fort Brown.

Feet

20 ins. in the ground for cor. of lots
16 and 17 mkd. 16 on NW. and 17 on SW. faces.
Thence I run $S. 89^{\circ} 13' W.$, bet. lots 16 and 17.
641.5 Intersect left bank of Rio Grande 59 ft.
N. $0^{\circ} 35' W.$ of A P 15. True pt. for cor. fall
on edge of bank where it is liable to destruction.
Set a mesquit post 30 ins. long, 3 ins. square,
20 ins. in the ground 20 ft. N. $89^{\circ} 13' E.$ of true
pt. for witness cor. to cor. of lots 16 and 17
mkd., 16 on NE., 17, W C on SE faces.
I begin at A P 10 recently described in survey
of Bdys. of 5 acre lots. Thence I run
N. $88^{\circ} 55' W.$ bet lots 17 and 18 thru
dense mesquit.
820 Intersect left bank of Rio Grande 239 ft.
S. $4^{\circ} 55' W.$ of A P 15.
True pt. for cor. falls on edge of bank where
it is liable to destruction therefore
I set a mesquit post 30 ins. long, 3 ins. square,
20 ins. in the ground 20 ft.
S. $88^{\circ} 55' E.$ of true pt. for witness cor. to cor.
of lots 17 and 18 mkd. 17 on NE., 18 and W C
on SE. faces.

The 5 acre lots south of the Fort Brown townsite
are low and covered with dense growth of mesquit
bushes. The soil is rich clay loam suitable to
agriculture.

Chas. M. Pidgeon,
U. S. Surveyor.

Feet

Survey commenced June 17, 1912, and executed with a Young and Sons Light Mt. Solar transit. For descriptions of instruments and tests see Field Notes of Survey of Bdys. of Fort Brown Mil. Reservation.

I begin at the intersection of Elizabeth and 13th Streets, in the city of Brownsville previously described.

~~XXXXXXXXXXXXXXX12XXXXXX~~

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

Thence I run S. 43° 52' 15" E.

518.1 ft. to the intersection of the South side of Boundary Street with the center line of Elizabeth St., 15 ft. ~~XXXXX~~ inside the quartermaster's wall (Bdy. St. runs parallel to the wall.)

Thence S. 66° 12' W. on south side of Boundary Street

30. To west side Elizabeth Street

250. To NW. cor. Block 13 and east line of Levee Street

Returning to the initial point in center of Elizabeth Street; thence

N. 66° 12' E. on south side of Boundary Street

30. To east side Elizabeth Street

150. " west side of alley

170. " east side of alley

290. " west side of Washington Street

350. " east " " " "

470. " west " " alley

490. " east " " "

610. " west side of Adams Street

670. " east " " " "

790. " west side of alley

810. " east " " "

900.8 " east boundary of townsite and NE. cor. Block 4

feet	
	<p>51.6 ft. S. 53° 13' E. of NE. cor. of townsite Elizabeth, Washington, Adams and Jefferson streets are run at right angles to Boundary Street which parallels the brick wall.</p> <p>Beginning at the intersection of the west side of Elizabeth Street and the south side of Boundary Street I run</p> <p>S. 23° 48' E. along west side of Elizabeth Street.</p>
240.	To North side of Main St.
300.	To South " " " "
540.	To North " " Lee St.
600.	To South " " " "
754.1	Intersect Lagoon Roadway
	<p>Reserve 124.2 ft. N. 59° 25' E. of A P 7 of the Townsite Bdy.</p> <p>Beginning at the intersection of the west side of Elizabeth St. and the South side of Lee St., I run S. 66° 12' W. on South side of Lee St. 140 ft. to East side of Levee St. and N.W. cor. of block 11.</p> <p>Returning to the intersection of Eliz. and Lee Sts. just mentioned I run</p> <p>N. 66° 12' E. on South side of Lee St.</p>
60.	XXXXXX to East side of Elizabeth St.
820.	To west side of alley.
840.	To east " " "
960.	To west side of Jefferson St.
1020.	To east " " " "
1268.9	<p>To intersection with eastern boundary of the Townsite</p> <p>Blocks 5, 7, 8, 9, and 10 are regular and are subdivided into the standard lots of 120 X 60 ft.</p> <p>Blocks 1, 2, 3, 4, 6, 11, 12 and 13 are made irregular by the Townsite Bdy. and the</p> <p>Rio Grande and all lots are duly dimensioned on the</p>

plat.

Block No. 1, upon which is situated the Hospital Building has been left in a solid block in accordance with instructions.

Block corners are mesquit posts

2½ ft. long, 5 ins. square, set 20 ins. in the ground.

Alley stakes are 2 X 2½ X 16 ins. (pine)

Lot " are 1 X 1 X 12 " "

At the intersections of the center lines of Elizabeth St. with the center lines of Lee, and Main and the south line of Boundary Sts. and the intersection of the center lines of Adams and Main Sts., set hollow cast iron caps, 1" thick, base 12" square with pyramid top, 12" high.

Chs. M. Pidgeon

William H. Richards, Jr.

Marx Cohen

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Chas. M. Pidgeon, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of boundaries of The Fort Brown Abandoned Military Reservation. The survey of the townsite of Ft. Brown and subdivision thereof into Lots, Blocks, Streets and alleys; also the survey of the acre lots numbered 14, 15, 16, 17 and 18, adjacent to the townsite of Fort Brown, all within the Abandoned Military Reservation of Fort Brown

of the Meridian, in the State of Texas which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

NAME.	PERIÓD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
Marx Cohen	June 17, 1912	June 24, 1912	Chairman

Subscribed and certified to before me on the dates of the final service as shown above.

Chas. M. Pidgeon,
U. S. Surveyor.

counter 438-1

FINAL OATH OF UNITED STATES SURVEYOR.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

_____, 191____

The foregoing field notes of the survey of _____

executed by _____ under his special instructions dated _____, 191____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

Claude White

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Chas. M. Pidgeon, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of The Fort Brown Abandoned Military Reservation

of the Meridian, in the State of Texas

which are represented in the foregoing field notes as having been executed by him, and under his direction; and that said survey has been, in all respects, to the best of our knowledge and belief, well and faithfully executed.

Table with columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), CAPACITY. Row 1: Claude White, June 17, 1912, June 24, 1912, Chairman.

Subscribed and certified to before me on the dates of the final service as shown above.

Chas. M. Pidgeon,

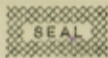
U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

_____, 191____

The foregoing field notes of the survey of _____

executed by _____ under his special instructions dated _____, 191____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

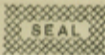
counter 43844

FINAL OATH OF UNITED STATES SURVEYOR.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191 _____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191 _____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

_____, 191 _____

The foregoing field notes of the survey of _____

executed by _____
under his special instructions dated _____, 191 _____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General.

counter 43846

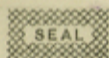
FINAL OATH OF UNITED STATES SURVEYOR.

I, Chas. M. Pidgeon, U. S. Surveyor, do solemnly ~~swear~~ ^{affirm} that, in pursuance of special instructions received from the Commissioner of the General Land Office ~~U. S. Surveyor-General~~ for bearing date of the 22 day of June, 1912, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the townsite of Fort Brown on the Fort Brown Abandoned Military Reservation, and acre lots adjacent to the townsite of Fort Brown, all within the abandoned Fort Brown Military Reservation of the Meridian, in the State of Texas, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly ~~swear~~ ^{affirm} that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the Commissioner of the General Land Office ~~U. S. Surveyor-General~~ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Chas. M. Pidgeon,
U. S. Surveyor.

Subscribed by said Chas. M. Pidgeon, and ^{affirmed} sworn to before me }
this 19th day of August, 191 2.

L. Mauch,
Clerk of Dist. Court.



APPROVAL.

Department of the Interior,
~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL~~
General Land Office,
Washington, D.C., Dec 16, 1913.

^{as} The foregoing field notes of the survey of the townsite of Fort Brown, and acre lots adjacent thereto, within the abandoned Fort Brown Military Reservation, in the State of Texas

executed by Chas. M. Pidgeon, U. S. Surveyor,
under his special instructions dated May 17th, 1912 and June 22, 191 2, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(signed) Clay Fallman
Commissioner. ~~U. S. Surveyor General~~

I certify that the foregoing transcript of the field notes of the above-described surveys in the State of Texas, has been correctly copied from the original notes on file in this office.

Clay Fallman
~~U. S. Surveyor General~~
Commissioner

Sup

"A"
FIELD NOTES

OF THE SURVEY OF THE

Boundaries of the abandoned Military Reservation of

Fort Brown

Of the _____ Meridian,

In the State of Texas

EXECUTED BY

Chas. M. Pidgeon, U. S. Surveyor, and

William H. Richards, Jr., U. S. Transitman.

In the capacity of U. S. Surveyor^s, under instructions dated June 22, 1912,

Commissioner of the General Land Office.

issued by the ~~United States Secretary of General to govern surveys included in~~

~~Group No. _____, which were approved by the Commissioner of the General Land~~

~~Office, _____, 191____, pursuant to authority contained in the Act of~~

~~Congress dated _____, 191____.~~

Survey commenced June 17, 1912

Survey completed February 25, 1913.

counter 43849

FIELD NOTES

INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Survey commenced Feb. 12, 1913, and executed with a Young and Sons Light Mountain Solar transit No. 8570. The horizontal limb is provided with two double opposite verniers, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Boise, found correct and approved by the Surveyor General for Idaho, Oct. 26, 1912.

I examine the adjustments of the transit and correct the level and collimation errors; then to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, I proceed as follows:

Feb. 14, 1913: At a pt. in the parade ground of Fort Brown in latitude $25^{\circ} 53'$ N., and longitude $97^{\circ} 21'$ W. at 9:48 p.m. by my watch which is 2 minutes fast of local mean time, I observe Polaris at western elongation, in accordance with instructions in the Manual, and mark the line thus determined, by a tack in a wooden stake driven 5 chs. N. of my station.

Feb. 15, 1913: At 7:45 a.m. I turn off the azimuth of Polaris $1^{\circ} 16' 52''$ to the east, and mark the meridian thus determined by a tack in a wooden stake previously set.

At 8:03 a.m. l.m.t., I set off $25^{\circ} 53'$ on the lat. arc; $13^{\circ} 03' 5''$ S on the declination arc; and mark a pt. in the meridian determined with the solar, by a nail in the meridian stake 0.5 ins. east of the stellar meridian.

Feb. 15, 1913 at 4:03 p.m. l.m.t. I set off

25° 53' N. on the lat. arc; 12° 57' S. on the declination arc; and mark a pt. in the meridian stake 0.4 ins. west of the stellar meridian.

The solar apparatus by a.m. and p.m. observations, defines positions for meridians respectively 21" east and 13" west of the stellar meridian, therefore I conclude that the adjustments of the instrument are satisfactory.

Feb. 12, 1913. After careful retracement of the lines run by Mr. J. W. Davis, City Engineer of Brownsville, Texas; in the survey of the Bdys. of the Fort Brown Abandoned Military Reservation, I find no evidence of the mesquit posts, which were supposed to have been set at the angle pts. on the boundaries. No monuments of any kind are found at the corners of the Reservation.

The Northern and Eastern boundaries of the Reservation are capable of being definitely established from well-known land marks.

The Northern bdy. is described in the old notes as running parallel with the brick wall which separates the Reservation from the city of Brownsville and at a distance of 30 ft. from the outside face of the wall.

The Eastern bdy. is marked by a solid, well-built barb-wire fence which has always been accepted by local surveyors

and property-owners as the true boundary
of the Reservation.

By a careful projection of these established
lines, I locate the N.E. corner of the
Reservation at their intersection. As
this point agrees very closely with the
point designated by Mr. Davis, City Engineer
of the City of Brownsville, as his starting
point and as the bearings of the two
lines are nearly equivalent to the magnetic
courses as described in Executive Order
No. 1545, of June 12, 1912, I accept this
pt. as the N.E. cor.

Set a solid wrought iron axle, 2 ft. long,
3 ins. diam., 26 ins. in the ground
for the N.E. corner with exact pt. for
cor. mkd. by a small hole bored in the
top of the post, from which

A mesquit fence cor. post bears S. $52^{\circ} 38'$ E.
34.4 ft. dist.

Feb. 12, 1913, I begin at the intersection
of Elizabeth and 13th Streets, in the
City of Brownsville which is marked by a
granite stone 5 ins. square, set below
the street level, marked by small hole
in center.

Thence I run on center line of Elizabeth street
S. $43^{\circ} 52' 15''$ E. 470.2 ft. to intersection
with the Northern boundary of the abandoned
Military Reservation of Fort Brown.

Thence I run

N. $66^{\circ} 12'$ E. on Northern boundary of the
Reservation 25.04 chains (1652.7 ft.)

Intersect N.E. cor. of the Fort Brown Military Reservation, heretofore described.

From this corner as the point of beginning

I run along barbed wire fence, Eastern boundary of the Reservation.

Courses Chains.

S 52° 44' E. 51.25 To well defined angle point in wire fence being a cor. of the Reservation.

Set a hollow cast iron post 3 ft. long 5 ins. diam. at base, 4 ins. at top, 30 ins. in ground, with exact point for cor. marked by small hole in wooden plug driven in the post for angle point No. 1, from which

A mesquit 12 ins. diam. bears N. 51° E. 44.1 ft. dist. marked FBMRBT.

Thence I run

along barbed wire fence

S. 19° 50' E. 14.73 To a pt. on the left bank of the Rio Grande.

Set a hollow cast iron post 3 ft. long, 4 ins. diam., at base, 3 ins. diam., at top, 28 ins. in the ground, for S.E. cor., with wooden plug in the top mkd. with exact pt. for cor. by small hole, A. P. No. 2. Thence with the Meanders of the left bank of the Rio Grande.

N. 50° 51' W. 10.48

N. 60° 28' W. 5.03

N. 70° 21' W. 10.64 at 6.36 chs. to East face of residence of the Garden Superintendent.

at 7.58 to East face of Garden Headquarters.

N. 89° 40' W. 6.35

S. 49° 32' W. 2.00

Courses.	Chains.	
S. 24° 34' W.	4.85	
S. 22° 36' W.	7.76	
S. 14° 36' W.	6.76	
S. 9° 06' W.	7.38	
S. 4° 09' W.	4.96	
S. 9° 38' W.	5.82	
S. 5° 21' E.	2.39	
S. 7° 09' W.	6.61	
S. 10° 42' W.	13.57	
S. 17° 11' W.	7.86	
S. 38° 26' W.	7.18	
S. 49° 29' W.	7.66	
S. 66° 44' W.	9.53	
S. 85° 37' W.	3.50	
N. 42° 07' W.	5.38	
N. 8° 36' W.	5.01	
N. 0° 36' W.	3.54	
N. 2° 25' E.	4.94	
N. 1° 40' E.	4.97	
N. 3° 25' E.	7.80	
N. 7° 25' E.	17.88	
N. 4° 55' E.	16.49	
N. 0° 35' W.	22.68	
N. 9° 18' W.	8.09	
N. 28° 03' W.	4.77	
N. 35° 44' W.	2.74	Intersect Northern Bdy. of Reservation.

Set cast iron post, 4 ins. diam. at base,
3 ins. diam. at top, 2½ ft. long, set
entirely in the ground for N.W. cor. of
the Ft. Brown Military Reservation
Abandoned, and the N.W. Cor. of Townsite
of Ft. Brown, with exact pt. for cor. mkd.
by small hole in wooden plug, in top of
post.

Courses Chains

Thence, from the N.W. cor. of the Reservation,
leave the river, and offset S. $23^{\circ} 48'$ E. to
center of Boundary street of Townsite of
Fort Brown.

Thence N. $66^{\circ} 12'$ E., parallel with brick wall
and at 18.03 chs. (1190 ft.) offset N. $23^{\circ} 48'$ W. to
N.E. cor. of townsite of Fort Brown, and
north boundary of Reservation.

18.03 Set end of wrought iron axle, 3 ft. long
3 ins. diam. at base, $2\frac{1}{2}$ ins. diam. at top,
22 ins. in ground for N.E. cor. of townsite
of Fort Brown, with exact cor. point marked
by small hole in top of post.

Thence offset S. $23^{\circ} 48'$ E. 15 ft. to center of
Boundary Street.

Thence N. $66^{\circ} 12'$ E. continuing N. boundary
11.54 chs. (762 ft.).

Thence offset N. $23^{\circ} 48'$ W. 15 ft.

29.57 To N.E. cor. of Reservation and point of
beginning.

(Signed) William H. Richards, Jr.

U. S. Transitman, G. L. O.

Note: Measurements were made with 300 ft. tape,
and expressed in feet on diagram sub-
mitted but were reduced to chains in
field notes for convenience in computa-
tion.

FINAL OATH OF UNITED STATES SURVEYOR.

8

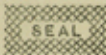
I, William H. Richards, Jr., ^{Transitman} U. S. ~~Surveyor~~, do solemnly swear that, in pursuance of special instructions received from the U. S. ~~Surveyor-General~~ ^{Commissioner of the Gen. Land Office,} bearing date of the 22nd day of June, 1912, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the boundaries of the Fort Brown Abandoned Military Reservation

of the _____
Meridian, in the State of Texas, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. ~~Surveyor-General~~ ^{Commissioner of the Gen. Land Office} and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William H. Richards, Jr.
 U. S. ~~Surveyor~~.
 Transitman.

Subscribed by said William H. Richards, Jr. and sworn to before me }
 this 2d day of June, 1913.

John R. Young, Clerk,
 Supreme Court of the District of Columbia.



APPROVAL.

Department of the Interior
~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~
 General Land Office,
 Washington, D. C., Dec. 16, 1913

as The foregoing field notes of the survey of the boundaries of the Fort Brown abandoned Military Reservation in the State of Texas

(Chas. M. Pidgeon, U. S. Surveyor and
 executed by (William H. Richards, U. S. Transitman
 under ~~his~~ special instructions dated June 22, 1912, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) Clay Fallman
 Commissioner ^{U. S. Surveyor General.}

I certify that the foregoing transcript of the field notes of the above-described surveys in the State of Texas, has been correctly copied from the original notes on file in this office.

W. H. Richards

Clay Fallman
 U. S. Surveyor General.
 Commissioner

6-2761

JTA.

counters 43858

CAMERON Co.
P/N of Fort Brown
12-22-13

Number 73859

Cameron County Railed Sk. "U.S.-2"
Field Notes of Fort Brown.
By Chas. M. Pidgeon
Filed 12-22-13
(Other Correspondence)