

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

117
OCT-2 1916

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 187

SITUATED IN THE

SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

OCT 29 1915

in

Section 27, unsurveyed, Township 13 N., Range 16 E.

Section 34, unsurveyed, Township 13 N., Range 16 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor-Forest Service
Under special instructions dated June 10, 1914
Survey commenced July 29, 1914
Survey completed July 30, 1914
Under Acts of June 11, 1906 and June 30, 1914.

Applicant for listing S. A. Sponseller,

Residence Heber, Arizona

Application No. 206, dated May 16 and Nov. 28, 1910

List No. 3-1024, dated January 18, 1911

List No. 3-1952, dated June 13, 1912

Applicant for survey S. A. Sponseller,

Residence Heber, Arizona.

H. E. No. 014760, dated July 19, 1911

H. E. No. 023622, dated October 24, 1913.

Land district Phoenix, Arizona.

OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley,
Surveyor-Forest Service in surveying all those
parts or portions of Homestead Entry Survey No. 187, in
unsurveyed Section 27, Township 13 N., Range 16 E.,
unsurveyed Section 34, Township 13 N., Range 16 E.,

of the G. & S.R.B. & meridian, State of Arizona, which
are represented in the following field notes as having been
surveyed by him and under his direction; and that said sur-
vey has been in all respects, to the best of our knowledge
and belief, well and faithfully surveyed, and the corner
monuments established, according to the instructions fur-
nished by the United States Surveyor General for Arizona.

Note: It would have been
very expensive and incon-
venient to appear before an
officer to administer oaths
to Assistants; hence, they
were taken by the Surveyor.

Charles D. Hodson, Chairman
Charles E. Baecht, Chairman

Subscribed and sworn to before me this 12th day of
November, 1914.

Walter G. Turley
Surveyor-Forest Service.

OATH OF SURVEYOR

*of unsurveyed tract?
A.K.*

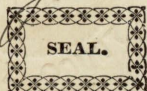
I, Walter G. Turley, Surveyor-Forest Service, do solemnly
swear that, in strict conformity with the special instructions
of the United States Surveyor General for Arizona, dated June
10, 1914, and the laws of the United States, I have well,
faithfully, and truly in my own proper person, surveyed a
tract of land embraced in List Nos. 3-1024 and 3-1952, dated
January 18, 1911 and June 13, 1912, and a tract of land upon
the application of S. A. Sponseller, Application No. 206,
dated November 10, 1910, for Listing and Patent under the
Act of June 11, 1906, the same to be known as Homestead En-
try Survey No. 187, situated within the Sitgreaves National
Forest, in
unsurveyed Section 27, Township 13 N., Range 16 E., and
unsurveyed Section 34, Township 13 N., Range 16 E.
of the G. & S. R. B. & Meridian, Arizona, and the related re-
tracements and resurveys and section subdivisions, which are
represented in the following field notes as having been sur-
veyed by me; and I further solemnly swear that all the corners
of said survey have been established and perpetuated in strict
accordance with the stated special instructions, and in the
specific manner described in the field notes of such survey.

Walter G. Turley
Surveyor-Forest Service.

Subscribed and sworn to before me this 16 day of

November, 1914.

My Commission expires 6-1-18 R. B. Collier



Notary Public

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

Applicant for listing, S. A. Sponseller; Application No. 206, dated May 16, 1910 and November 28, 1910; Lists Nos. 3-1024 and 3-1952, dated January 18, 1911 and June 13, 1912; Homestead Entry Nos. 014760 and 023622; made in the Phoenix Land Office on July 19, 1911 and October 24, 1913 by S. A. Sponseller. Also two tracts of land adjoining claimant's entry 014760 on the west and entry 023622 on the north which are suitable for agricultural purposes, were desired by the entryman and will be listed as a basis for amendment of his above entries.

Surveyed under special instructions from the Surveyor General for Arizona, dated June 10, 1914, and designated as Homestead Entry Survey No. 187.

Situated in what will probably be when surveyed, secs. 27 and 34, T. 13 N., R. 16 E., G. & S. R. B. and M. within the Sitgreaves National Forest, Arizona.

Surveyed under Acts of June 11, 1906 and June 30, 1914.

Survey commenced July 29, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12953 provided with prism eye piece, stadia wires, vertical circle and Burt solar attachment. The horizontal limb of the transit has two double verniers placed opposite to each other and graduated to single minutes of arc, which is also the graduation upon the verniers of the latitude and declination arcs.

I test the adjustments of the transit and solar attachment, and make necessary corrections. The stadia wire interval is adjusted to read 1:132.

All distances are horizontal; and were reduced from measurements made directly on the slope, with a stand-

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Chains

ard 500 link steel tape graduated to links and tenths; and the slope angles determined with a clinometer the vernier of which reads to degrees; and a Philadelphia stadia rod, graduated to feet and hundredths, provided with two targets the verniers of which read to thousandths of a foot.

I set up my transit over cor. H-2 of List 3-1024 which is a sandstone 8 x 4 x 12 ins. above ground, marked and witnessed as described by the Forest Service; and with telescope direct, I observe Polaris in accordance with instructions at 8h. 10m. p.m., 1.m.t., and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

Astron. 1.m.t., obsn. July 28, 1914	32h. 10.0m.
Astron. 1.m.t., U.C. Pol. July 28, 1914	17h. 03.7m.
Hour angle Pol. at obsn.	15h. 06.3m.
Time argument	23h. 56.1m.
	8h. 49.8m.

Azimuth Pol. at obsn. 1° 01' 06" E.

Lat. 34° 28' 25" N. Long. 110° 38' 17" W.

With my transit set up over cor. H-2 of List 3-1024 heretofore described; and the telescope reversed in altitude and azimuth, at 8h. 20m. p.m., 1.m.t. on the same date, I again observe Polaris in accordance with instructions, and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

Astron. 1.m.t., obsn. July 28, 1914	32h. 20.0m.
Astron. 1.m.t., U.C. Pol., July 28, 1914,	17h. 03.7m.
Hour angle Pol. at obsn.	15h. 16.3m.
Time argument	23h. 56.1m.
	8h. 39.8m.

Azimuth of Pol. at obsn. 1° 03' 36" E.

July 29, 1914.

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July 30, 1914.

I turn off $1^{\circ} 01'$, the azimuth of Polaris, to the W. from her direction at 8h. 10m. p.m., l.m.t. July 28, 1914; and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

I also turn off $1^{\circ} 03-1/2'$, the azimuth of Polaris, to the W. from her direction at 8h. 20m. p.m., l.m.t., on the same date; and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. This line falls $0^{\circ} 00' 42''$ of measured arc to the W. of the line previously established.

I mark the mean of these two lines with a tack in a stake set firmly in the ground 5.00 chs. N. of my station; and, from the corresponding meridian, all the courses stated in these field notes were deflected and referred by continuous sustained angulation.

Lat. $34^{\circ} 27' 58''$ N. and Long. $110^{\circ} 38' 26''$ W. at S. C. to secs. 33 and 34, T. 13 N., R. 16 E., obtained from the special instructions of the Surveyor General, which gives Lat. $34^{\circ} 28' 25''$ N. and Long. $110^{\circ} 38' 17''$ W. at cor. No. 1 of this survey.

On July 29, 1914, I compare my watch with the standard 105° meridian telegraphic clock and find it correct. I subtract 22m. 33s. therefrom for l.m.t.

I observe the magnetic declination at cor. No. 1 of this survey to be $14^{\circ} 56'$ E. at 8h. 30m. a.m. l.m.t. July 30, 1914 which gives a mean magnetic declination of $14^{\circ} 52'$ E.

Chains

Thence S. 16° 02' W.

On a random by direct measurement for a tie.

42:23 I fall 16 lks. to the left of the S. C. to secs. 33 and 34, T. 13 N., R. 16 E. which is a limestone 12 x 8 x 5 ins. above ground chiseled with 3 grooves on the E.

and W. face and SC. on the N. face from which:

A 14 in. pine, bears S. 77° W. 190 lks.

A 16 in. pine, bears N. 68° E. 196 lks.

Return course N. 16° 14' E.

Thence N. 16° 14' E.

On a true line by direct measurement for a tie.

42.23 To cor. No. 1.

Identical with cor. H-2 of List 3-1024 heretofore described. I destroy cor. H-2 and its witnesses; and for cor. No. 1 of this survey I chisel (+) on a stone 4 x 3 x 2 ins. and deposit it 18 ins. in the

ground, over which I set a sandstone 28 x 10 x 6 ins. 18 ins. in the ground, chiseled (+) at the point and

1-HES187 on the N. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. of cor. from which:

A 32 in. pine, scribed 1 H E S 187 + B T, bears S. 33 lks.

A 32 in. pine, scribed 1 H E S 187 + B T, bears S. 63° E. 38 lks.

Thence N. 62° 30' W.

Over bottom in open.

1.98 Right bank of arroyo 20 lks. wide banks 3 ft. high, course NE.

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Chains

4.99

To cor. No. 2.

Identical with cor. H-1 of List 3-1024 which is an imbedded limestone 24 x 24 x 18 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-1 and its witnesses; and for cor. No. 2 of this survey I chisel (+) at the point and 2-HES187 on the E. face of the same stone and raise a mound of stone 2 ft. base, 1-1/2 ft. high, E. of cor. from which:

A 24 in. pine, scribed 2 H E S 187 + B T, bears N. 23° 00' W. 35 lks.

An 8 in. pinon, scribed 2 H E S 187 + B T, bears S. 89° 30' W. 117 lks.

Thence N. 1° 40' W.

Leave listed land. Ascend rolling SE. slope 20 ft. in pinon and cedar.

18.50

Ridge bears E. and W. Descend NE. slope 20 ft. in pinon and cedar.

36.23

To cor. No. 3.

Identical with cor. H-5 of List 3-1024 which is also cor. H-1 of List 3-1952. I destroy cors. H-5 and H-1 and their witnesses and for cor. No. 3 of this survey I chisel (+) on a stone 4 x 3 x 3 ins. and deposit it 16 ins. in the ground; over which I set a limestone 26 x 9 x 8 ins. 16 ins. in the ground, chiseled (+) at the point and 3-HES187 on the E. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, E. of cor. from which:

6. 124

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Chains

A 22 in. pine, scribed 3 H E S 187 + B T, bears

N. 77° 00' W., 8 lks.

An 18 in. pine, scribed 3 H E S 187 + B T, bears

N. 3° 25' E., 117 lks.

Note: From cor. No. 3 I run a traverse line as follows:

S. 29° 45' E., 10.00 chs. to cor. H-6 of List 3-1024

which is a sandstone 12 x 5 x 24 ins. above ground

marked and witnessed as described by the Forest Service.

I destroy cor. H-6 and its witnesses.

Thence S. 59° 00' E., 13.30 chs. to cor. H-7 of List

3-1024 which is a limestone 12 x 6 x 12 ins. above

ground marked and witnessed as described by the Forest

Service. I destroy cor. H-7 and its witnesses.

Thence S. 6° 00' E., 10.56 chs. to cor. H-8 of List

3-1024 which is a limestone 10 x 10 x 10 ins. above

ground, marked and witnessed as described by the

Forest Service. I destroy cor. H-8 and its witnesses.

Thence N. 20° 23' E.

Along line H-1 to H-2 of List 3-1952. Ascend SE.

slope 10 ft. in scattering pine timber.

3.15 Point of spur bears NW. and SE. Descend gradually along

E. slope 10 ft.

15.31 To cor. No. 4. 4 x 3 x 2 ins. (+)

Identical with cor. H-2 of List 3-1952 which is a

(+) limestone 14 x 8 x 20 ins. above ground marked and

witnessed as described by the Forest Service. I des-

troys cor. H-2 and its witnesses and for cor. No. 4

of this survey, I chisel (+) on a stone 4 x 3 x 2 ins.

and deposit it 16 ins. in the ground, over which I set

a limestone 26 x 10 x 7 ins. 16 ins. in the ground,

chiseled (+) at the point and 4-HES187 on the SE. face,

Chains

and raise a mound of stone 2 ft. base, 1-1/2 ft. high

SE. of cor. from which:

A 20 in. pine, scribed 4 H E S 187 + B T, bears
N. 16° 00' E., 24 lks.

A 12 in. pinon, scribed 4 H E S 187 + B T, bears
S. 68° 00' W., 27 lks.

Note: I destroy cor. H-3 of List 3-1952 which is a
limestone 14 x 10 x 15 ins. above ground marked and
witnessed as described by the Forest Service which
bears N. 72° 00' E. 2.50 chs. dist. from cor. No. 4.

Thence N. 35° 57' E.

Leave listed land.

Ascend SE. slope 20 ft. in pinon and cedar.

8.20 Spur bears NW. and SE. Descend NE. slope 30 ft.

14.60 Foot of descent bears NE. and SE. Continue along foot
of slope in open.

31:20 To cor. No. 5.

At which point, I chisel (+) on a limestone ledge
over which I set a limestone 28 x 15 x 12 ins. in a
mound of stone, chiseled (+) at the point and
5-HES187 on the S. face and raise a mound of stone
2 ft. base, 1-1/2 ft. high, S. of cor. from which:

A 9 in. pinon, scribed 5 H E S 187 + B T, bears
N. 63° 30' W. 126 lks.

A 14 in. pinon, scribed 5 H E S 187 + B T, bears
N. 69° 00' E. 293 lks.

Thence S. 70° 30' E.

Over bottom in open. The arroyo has no channel at
this point.

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10.80

To cor. No. 6.

At which point I chisel (+) on a stone 4 x 3 x 2 ins. and deposit it 16 ins. in the ground, over which I set a limestone 26 x 10 x 9 ins., 16 ins. in the ground chiseled (+) at the point, and 6-HES187 on the ESE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high ESE. of cor. from which:

An 18 in. pine, scribed 6 H E S 187 + B T, bears S. 12° 10' E., 161 lks.

A 22 in. pine, scribed 6 H E S 187 + B T, bears S. 28° 30' E. 182 lks.

Thence S. 62° 15' W.

Over bottom in open.

16.10

To cor. No. 7.

At which point I chisel (+) and 7-HES187 on an imbedded limestone 14 x 4 x 2 ft. above ground; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor. from which:

A 28 in. pine, scribed 7 H E S 187 + B T, bears N. 50° 30' E. 131 lks.

An 18 in. pine, scribed 7 H E S 187 + B T, bears S. 26° 03' E. 143 lks.

Thence S. 12° 17' E.

Over bottom at foot of W. slope in open.

13.31

To cor. No. 8.

At which point I chisel (+) on a stone 4 x 3 x 2 ins. and deposit it 16 ins. in the ground over which I set a limestone 26 x 15 x 10 ins., 16 ins. in the ground, chiseled (+) at the point and 8-HES187 on the W. face

SITGREAVES NATIONAL FOREST

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Chains

and raise a mound of stone 2 ft. base, 1-1/2 ft. high
E. of cor., from which:

A 28 in. pine, scribed 8 H E S 187 + B T,
bears N. 76° 50' E., 95 lks.

A 5 in. pine, scribed 8 H E S 187 + B T,
bears S. 48° 05' E., 62 lks.

Thence S. 64° 51' W.

Over bottom in open, along foot of NW. slope.

16.44 Intersect line H-3 to H-4 of List 3-1952, S. 0° 30' W.,
6.75 chs. from cor. H-3. Leave unlisted and enter

listed land.

16.96 To cor. No. 9.

At which point I chisel (+) on a stone 4 x 3 x 2 ins.,
and deposit it 18 ins. in the ground, over which I
set a limestone 28 x 14 x 7 ins., 18 ins. in the
ground, chiseled (+) at the point and 9-HES187 on the
NW. face; and raise a mound of stone 2 ft. base, 1-1/2
ft. high NW. of cor., from which:

A 22 in. pine, scribed 9 H E S 187 + B T,
bears N. 58° 45' E., 107 lks.

An 18 in. pine, scribed 9 H E S 187 + B T,
bears S. 41° 40' E., 114 lks.

Thence S. 2° 16' E.

Along foot of W. slope in open.

10.33 To cor. No. 10.

Identical with cor. H-4 of List 3-1952, which is a
limestone 12 x 8 x 10 ins. above ground, marked and

witnessed as described by the Forest Service. I
destroy cor. H-4 and its witnesses, and for cor. No.

SITGREAVES NATIONAL FOREST

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Chains

10 of this survey, I chisel (+) on a stone 4 x 3 x 2 ins. and deposit it 16 ins. in the ground, over which I set a limestone 26 x 14 x 6 ins., chiseled (+) at the point and 10-HES187 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SW. of cor., from which:

A 28 in. pine, scribed 10 H E S 187 + B T,

bears N. 8° 40' E., 330 lks.

A 30 in. pine, scribed 10 H E S 187 + B T,

bears N. 62° 35' E., 131 lks.

Note: This cor. is on line H-5 to H-4 of List 3-1024.

Thence S. 78° 00' E.

Ascend along foot of SW. slope, 5 ft. in open.

13.50 To cor. No. 11.

Identical with cor. H-4 of List 3-1024, which is a limestone 8 x 3 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor.

H-4 and its witnesses; and for cor. No. 11 of this survey I chisel (+) on a stone 3 x 3 x 2 ins.; and deposit it 16 ins. in the ground, over which I set a limestone 26 x 12 x 9 ins., 16 ins. in the ground, chiseled (+) at the point and 11-HES187 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., from which:

A 14 in. pinon, scribed 11 H E S 187 + B T,

bears N. 59° 45' W., 177 lks.

A 28 in. pine, scribed 11 H E S 187 + B T,

bears N. 89° 20' E., 190 lks.

Thence S. 28° 58' E.

At foot of SW. slope in open.

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Chains
25.13

To cor. No. 12.

Identical with cor. H-3 of List 3-1024, which is a limestone 12 x 4 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-3 and its witnesses, and for cor. No. 12 of this survey I chisel (+) on a stone 4 x 4 x 2 ins. and deposit it 16 ins. in the ground, over which I set a limestone 26 x 14 x 9 ins., 16 ins. in the ground, chiseled (+) at the point and 12-HES187 on the W. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, W. of cor., from which:

A 6 in. pinon, scribed 12 H E S 187 + B T, bears
N. 34° 30' E., 131 lks.

A 9 in. pinon, scribed 12 H E S 187 + B T, bears
N. 80° 10' E., 213 lks.

Note: This cor. is under a wire fence which bears
N. 70° E. and S. 70° W.

Thence S. 66° 53' W.

Ascend gradually along foot of NW. slope in open 5 ft.
A wire fence follows along near this line on the inside of the claim.

29.74 To cor. No. 1, the place of beginning.

AREA

Listed Area	- - - - -	56.68 acres.
Unlisted Area	- - - - -	<u>61.23</u> acres.
Total Area	- - - - -	117.91 acres.

IMPROVEMENTS.

The improvements made upon this homestead consist of the following:

Chains

A log dwelling 18 x 13 ft., the long side extending N. and S. and NE. cor. of which bears S. 42° 15' W., 7.20 chs. dist. from cor. No. 11 of this survey.

Value ----- \$100.00

A reservoir embankment, the SW. cor. of which bears S. 23° 40' W., 8.52 chs. dist. from cor. No. 5, at which point it is 2 ft. high; S. 8° 00' W., 2.96 chs. to NW. cor., at which point the embankment is 12 ft. high; S. 19° 00' E., 4.10 chs. to NE. cor., at which point the embankment is 13 ft. high; S. 14° 35' W., 8.61 chs. to SE. cor. of embankment, at which point it is 1 ft. high. Estimated capacity 3 acre ft.

Value ----- \$500.00

Approximately 1 mile of wire fence.

Value ----- \$100.00

Approximately 10 acres of cultivated land.

DESCRIPTION.

This claim is situated on the N. slope of the Mogollon Mesa at an elevation of approximately 6500 ft. and occupies a tract of bottom land along Brookbank Canyon which flows Northeasterly.

This section supports a stand of pinon and cedar and a scattering pine timber; a small amount of each being included in this survey. Sufficient water for domestic purposes and for stock is obtained from shallow wells along the arroyo and from reservoirs.

The soil is a clay loam and produces the ordinary crops of the temperate zone without irrigation; but is best adapted to the small grains and sorghums, good crops of which have been produced.

This section is not reported to be mineralized, and no

Handwritten: 130
Mogollon
219
cor. 105

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

townsites, mining, coal or oil claims are known to have been located in this vicinity.

There are no conflicts or adjoining claims.

Heber Post Office is 5 miles by wagon road in a south-westerly direction. Holbrook railway station is 55 miles by wagon road in a northeasterly direction.

July 30, 1914.

TRAVERSE.

Cor.	Course.	Dist.	N.	S.	E.	W.
1-2	N. 62° 30' W.	4.99 ✓	2.30			4.43
2-3	N. 1° 40' W.	36.23 ✓	36.21			1.05
3-4	N. 20° 23' E.	15.31 ✓	14.35		5.33	
4-5	N. 35° 57' E.	31.20 ✓	25.26		18.32	
5-6	S. 70° 30' E.	10.80 ✓		3.61	10.18	
6-7	S. 62° 15' W.	16.10 ✓		7.50		14.25
7-8	S. 12° 17' E.	13.31 ✓		13.01	2.83	
8-9	S. 64° 51' W.	16.96 ✓		7.21		15.35
9-10	S. 2° 16' E.	10.33 ✓		10.32	0.41	
10-11	S. 78° 00' E.	13.50 ✓		2.81	13.20	
11-12	S. 28° 58' E.	25.13 ✓		21.99	12.17	
12-1	S. 66° 53' W.	29.74 ✓		11.68		27.35
		223.60	78.12	78.13	62.44	62.43
				78.12	62.43	
Error in lat. and dep.				0.01	0.01	

Closing error 1:15811.

Walter J. Fusley
Surveyor-Forest Service.

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HOMESTEAD ENTRY SURVEY NO. 27

NATIONAL FOREST

STATE OF ARIZONA

Chains

Chains

townships, mining, coal or oil claims are known to have been located in this vicinity. There are no conflicts or adjoining claims. Heber Post Office is 5 miles by wagon road in a south-westerly direction. Holbrook railway station is 55 miles by wagon road in a northeasterly direction.

July 30, 1914.

TRAVELER

Cor.	Course.	Dist.	N.	S.	E.	W.
1-2	N. 52° 30' W.	4.99	2.30			4.43
2-3	N. 1° 40' W.	36.23	36.21			1.02
3-4	N. 20° 23' E.	15.31	14.35	1.33		
4-5	N. 35° 57' E.	31.20	25.25	18.32		
5-6	S. 70° 30' E.	10.80		8.31	10.18	
6-7	S. 62° 15' W.	16.10		7.20	14.35	
7-8	S. 12° 17' E.	13.21		13.01	2.32	
8-9	S. 64° 51' W.	16.96		7.21	15.35	
9-10	S. 2° 16' E.	10.33		10.32	0.41	
10-11	S. 78° 00' E.	13.50		2.31	13.20	
11-12	S. 28° 58' E.	25.13		21.99	12.17	
12-1	S. 66° 53' W.	22.74	11.58		27.25	
Error in lat. and dep. 0.01 Closing error 1:15811. 78.12 222.60 28.12 62.44 62.43						

Surveyor-General Service

DIRECTIONS.—1. Carry out calculations to two decimals only.

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.

The corrections for balancing fallings should be proportional to the lengths of the lines.

3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. I. O.

4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 187, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
88701 46775	N. 62° 30' W.	4.99	2 30			4 43	6 55	15 07	
02908 99958	N. 1° 40' W.	36.23	36 21			1 05	1 06	38 39	
34830 93238	N. 20° 23' E.	15.31	14 35		5 33		5 33	76 49	
38248 80550	N. 35° 57' E.	31.20	25 26		18 32		28 98	732 03	
99264 33381	S. 70° 30' E.	10.80		3 61	10 18		57 48		207 50
88499 46661	S. 62° 15' W.	16.10		7 50		14 25	53 41		400 58
21275 97711	S. 12° 17' E.	13.31		13 01	2 83		41 99		546 29
90530 42499	S. 64° 51' W.	16.96		7 21		15 35	29 47		212 48
03935 99989	S. 2° 16' E.	10.33		10 32	0 41		14 53		149 95
97815 20791	S. 78° 00' E.	13.50		2 81	13 20		28 14		79 07
48430 87490	S. 28° 58' E.	25.13		21 99	12 17		53 51		1176 68
91971 89460	S. 66° 53' W.	29.74		11 68		27 35	38 33		447 69
		223.60	78 12	78 13	62 44	62 43		861 98	3220 24
			71 13	78 13	62 44	62 44			861 98
								Area	2358 26
	1:15811 closing error.								117 91

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T.A.

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COBBERS	BEARING	DISTANCE	FACILITIES			DEVELOPERS			DOUBLE W. D.	W. YEARS	S. YEARS
			Month	Year	Month	Year	Month	Year			
L-8-L	W 108 30	66.4	02 8	02 8	02 8	02 8	02 8	02 8	02 8	02 8	
S-3	W 104 1	33.33	03 25	03 25	03 25	03 25	03 25	03 25	03 25	03 25	
A-3	E 133 00	13.61	03 21	03 21	03 21	03 21	03 21	03 21	03 21	03 21	
B-4	E 128 00	03.13	03 23	03 23	03 23	03 23	03 23	03 23	03 23	03 23	
B-3	E 103 00	06.01	03 2	03 2	03 2	03 2	03 2	03 2	03 2	03 2	
B-3	W 121 30	01.21	03 2	03 2	03 2	03 2	03 2	03 2	03 2	03 2	
B-3	E 121 30	03.81	03 2	03 2	03 2	03 2	03 2	03 2	03 2	03 2	
B-3	W 121 30	03.21	03 2	03 2	03 2	03 2	03 2	03 2	03 2	03 2	
B-3	E 121 30	03.01	03 2	03 2	03 2	03 2	03 2	03 2	03 2	03 2	
L-11	E 100 00	08.31	03 2	03 2	03 2	03 2	03 2	03 2	03 2	03 2	
L-8-L	W 121 30	03.03	03 2	03 2	03 2	03 2	03 2	03 2	03 2	03 2	

TABLE AND CALCULATIONS OF HOME-MADE ENTRIES SURVEY NO. 131 ON YEARS 1931 TO 1934

1. Only those copies of this report are to be used for the District Office, the Surveyor General, and the Commissioner.
 2. In computations of this report the result to nearest inch, in computations of X and Z, were used. The angle was used as given.
 3. The computations for bearings and distances are based on the bearings and distances of the lines.
 4. For the corrected angles of the lines, the bearings and distances of the lines were used. The bearings and distances of the lines were used.

- DIRECTIONS.—1. Carry out calculations to two decimals only.
2. In balancing Latitudes and Departures do not obliterate or change the original figures. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.
3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. I. O.
4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 187, STATE OF Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Listed Area.	N. 62° 30' W.	4.99	2 30			4 43	6 75	15 53	
	N. 57° 30' E.	19.33	10 39		16 30		18 62	193 28	
	N. 6° 00' W.	10.56	10 50			1 10	33 82	355 11	
	N. 59° 00' W.	13.30	6 85			11 40	21 32	145 83	
	N. 29° 45' W.	10.00	8 68			4 96	4 96	43 05	
	N. 20° 23' E.	15.31	14 35		5 33		5 33	76 43	
	N. 72° 00' E.	2.50	0 77		2 38		13 04	10 04	
	S. 0° 30' W.	6.75		6 75		0 06	15 36		103 68
	S. 64° 51' W.	0.52		0 22		0 47	14 83		3 26
	S. 2° 16' E.	10.33		10 32	0 41		14 77		152 43
	S. 78° 00' E.	13.50		2 81	13 20		28 38		79 75
	S. 28° 58' E.	25.13		21 99	12 17		53 74		1182 82
	S. 66° 53' W.	29.74		11 68		27 35	38 54		450 92
			53 84	53 77	49 79	49 77		839 27	1972 86
			53 81	53 81	49 78	49 78			839 27
									1133 59
									56 68

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1376

КОРТЕЖ	ВЕЩНОСТЬ	ДЕЛЯЩАЯ	КОЛИЧЕСТВО	ЕДИН.	ДЕЛЯЩАЯ	КОЛИЧЕСТВО	ЕДИН.	КОММУНАЛЬН.	И. П. И. О.	С. П. И. О.
1	100.00	100.00	1	100.00	100.00	1	100.00	100.00	100.00	100.00
2	50.00	50.00	2	50.00	50.00	2	50.00	50.00	50.00	50.00
3	25.00	25.00	4	25.00	25.00	4	25.00	25.00	25.00	25.00
4	12.50	12.50	8	12.50	12.50	8	12.50	12.50	12.50	12.50
5	6.25	6.25	16	6.25	6.25	16	6.25	6.25	6.25	6.25
6	3.125	3.125	32	3.125	3.125	32	3.125	3.125	3.125	3.125
7	1.5625	1.5625	64	1.5625	1.5625	64	1.5625	1.5625	1.5625	1.5625
8	0.78125	0.78125	128	0.78125	0.78125	128	0.78125	0.78125	0.78125	0.78125
9	0.390625	0.390625	256	0.390625	0.390625	256	0.390625	0.390625	0.390625	0.390625
10	0.1953125	0.1953125	512	0.1953125	0.1953125	512	0.1953125	0.1953125	0.1953125	0.1953125

ЛЫЖНИКОВ ИЛИ СОВЕТОВ ОБОИХ СТОРОН

1. В случае, когда в результате проведения работ по благоустройству территории возникнет необходимость в изменении границ территории, то в этом случае необходимо обратиться к соответствующим органам власти.

2. В случае, когда в результате проведения работ по благоустройству территории возникнет необходимость в изменении границ территории, то в этом случае необходимо обратиться к соответствующим органам власти.

3. В случае, когда в результате проведения работ по благоустройству территории возникнет необходимость в изменении границ территории, то в этом случае необходимо обратиться к соответствующим органам власти.

4. В случае, когда в результате проведения работ по благоустройству территории возникнет необходимость в изменении границ территории, то в этом случае необходимо обратиться к соответствующим органам власти.

5. В случае, когда в результате проведения работ по благоустройству территории возникнет необходимость в изменении границ территории, то в этом случае необходимо обратиться к соответствующим органам власти.

APPROVAL

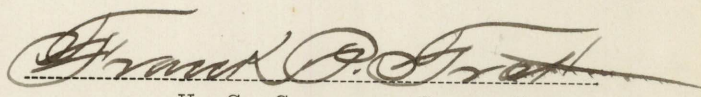
Office of the United States Surveyor General,

Phoenix, Arizona, March 20., 1917.

The foregoing field notes of Homestead Entry Survey No.

187

executed by **Walter G. Turley, Surveyor Forest Service** [Forest Service Title.]
under his special instructions, dated **June 10**, 1914, 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 survey in the State of **Arizona**, has been
correctly copied from the original notes on file in this office.

Frank P. Trott.
U. S. Surveyor General.