

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

MAY 1 - 1916

JUN 5 - 1917

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 253

SITUATED IN THE

CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 26, surveyed, Township 21 S., Range 17 E.

~~(Survey awaiting approval)~~

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor-Forest Service

Under special instructions dated September 16, 1914

Survey commenced November 27, 1914

Survey completed November 28, 1914

Under Acts of June 11, 1906 and June 30, 1914.

Applicant for listing William H. Collie,

Residence Elgin, Arizona.

Application No. 160, dated November 21, 1909

List No. 3-519, dated May 6, 1910

Applicant for survey William H. Collie,

Residence Elgin, Arizona.

H. E. No. 014637, dated June 29, 1911

Land district Phoenix, Arizona.

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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. 253, in  
- surveyed Section 26, Township 21 S., Range 17 E.,  
- surveyed Section - - - , Township - - - , Range - - - ,  
(Survey awaiting approval)

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, Chainman  
Charles Baecht, Chainman

Subscribed and sworn to before me this 4<sup>th</sup> day of  
December, 1914.

Walter G. Turley  
Surveyor - Forest Service.

OATH OF SURVEYOR

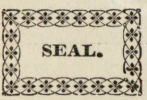
I, Walter G. Turley, Surveyor - Forest Service, do solemnly swear  
that, in strict conformity with the special instructions of  
the United States Surveyor General for Arizona, dated  
September 16, 1914, and the laws of the United States, I have  
well, faithfully, and truly, in my own proper person, sur-  
veyed a tract of land ~~upon the application of~~ embraced in  
List, No 3-519 dated May 6, 1910 for  
Patent, under the Act of June 11, 1906,  
the same to be known as Homestead Entry Survey No. 253,  
situated within the CORONADO National Forest, in  
- surveyed Section 26, Township 21 S., Range 17 E., and  
- surveyed Section - - - , Township - - - , Range - - - ,  
(Survey awaiting approval)

of the G. & S.R.B. & meridian, Arizona, and the  
related retracements and resurveys and section subdivisions,  
which are represented in the following field notes as having  
been surveyed by me; and I further solemnly swear that all  
the corners of said survey have been established and perpet-  
uated in strict accordance with the stated special instruc-  
tions, and in the specific manner described in the field  
notes, and that the following are the original field notes  
of such survey.

Walter G. Turley  
Surveyor - Forest Service

Subscribed and sworn to before me this 4<sup>th</sup> day of  
my Commission expires July 1, 1916  
December, 1914

Albert L. Hanson  
Notary Public



CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing William H. Collie; Application No. 160, dated November 21, 1909; List No. 3-519, dated May 6, 1910; Homestead Entry No. 014637, made in the Phoenix Land Office on June 29, 1911 by William H. Collie, whose post office address is Elgin, Arizona. Surveyed under Acts of June 11, 1906 and June 30, 1914; and special instructions from the Surveyor General for Arizona, dated September 16, 1914 and designated as Homestead Entry Survey No. 253. Situated in Sec. 26 (surveyed and is approved), T. 21 S., R. 17 E., Gila and Salt River Base and Meridian, within the Coronado National Forest, Arizona.

Survey commenced November 27, 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 standard 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.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains November 27, 1914.

I set up my transit over cor. H-6 of List 3-519, which is a limestone 12 x 6 x 7 ins. above ground, marked and witnessed as described by the Forest Service, and, with telescope direct I observe Polaris in accordance with instructions at 6h. 30m. p.m., l.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, in Lat.  $31^{\circ} 34' 09''$  N., and Long.  $110^{\circ} 35' 57''$  W.

Astron. l.m.t., obsn., Nov. 26, 1914, 30h. 30.0m.  
 Astron. l.m.t., U.C. Pol., Nov. 26, 1914, 9h. 08.7m.  
 Hour angle Pol. at obsn. 21h. 21.3m.  
 23h. 56.1m

Time argument, 2h. 34.8m.

Azimuth Pol. at obsn.  $0^{\circ} 50' 54''$  E.

With my transit set up over cor. H-6 of List 3-519, heretofore described, and the telescope reversed in altitude and azimuth, at 6h. 42m. p.m., l.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. l.m.t., obsn., Nov. 26, 1914, 30h. 42.0m.

Astron. l.m.t., U.C. Pol., Nov. 26, 1914, 9h. 08.7m.

Hour angle Pol. at obsn., 21h. 33.3m.

23h. 56.1m.

Time argument, 2h. 22.8m.

Azimuth of Pol. at obsn.  $0^{\circ} 47' 30''$  E.

November 27, 1914.

November 28, 1914.

I turn off  $0^{\circ} 51'$ , the azimuth of Polaris, to the W.

from her direction at 6h. 30m. p.m., l.m.t., November

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains 27, 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  $0^{\circ} 47-1/2'$ , the azimuth of Polaris, to the W. from her direction at 6h. 42m. p.m., l.m.t., 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  $0^{\circ} 00' 20''$  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.

Latitude  $31^{\circ} 33' 08''$  N., and Longitude  $110^{\circ} 35' 57''$  W.

at the cor. to secs. 2, 3, 34 and 35, Ts. 21 and 22 S., R. 17 E., obtained from the special instructions of the

Surveyor General, which gives Latitude  $31^{\circ} 34' 09''$  N.

and Longitude  $110^{\circ} 35' 57''$  W. at cor. No. 1 of this

survey. It was not possible to check the latitude by direct observation.

I observe the magnetic declination at cor. No. 1, November 28, 1914, at 8h. 00m., a.m., l.m.t., to be  $13^{\circ} 40' E.$ , which reduced gives a mean magnetic declination of  $13^{\circ} 37' E.$

My watch is set for standard 105th meridian time, from which I subtract 22m. 26s. for l.m.t.,

RETRACEMENT.

Thence North.

On a random line from the 1/4 cor. to secs. 26 and 27, which is a standard iron post with brass cap, marked

CORONADO NATIONAL FOREST

STATE OF ARIZONA

<p>Chains 40.04</p>	<p>and witnessed as described by the Surveyor General. I fall 5 lks. E. of cor. to secs. 22, 23, 26 and 27, which is a standard iron post with brass cap, marked and witnessed as described by the Surveyor General. Return course S. 0° 04' E.</p>
<p>40.03</p>	<p>Thence North. On a random line from cor. to secs. 26, 27, 34 and 35, which is a regulation iron post with brass cap, marked and witnessed as described by the Surveyor General. I fall 5 lks. E. of 1/4 cor. to secs. 26 and 27, which is a standard iron post with brass cap, marked and wit- nessed as heretofore described. Thence S. 0° 04' E. On a true line.</p>
<p>26.30 40.03</p>	<p>Cor. H-6 of List 3-519, heretofore described, bears E. 6 lks. Cor. to secs. 26, 27, 34 and 35, heretofore described.</p>
<p>93.79</p>	<p style="text-align: center;">TIE</p> <p>Thence South. On a random by direct measurement from cor. H-6 of List 3-519, heretofore described. I fall 5 lks. W. of cor. to secs. 2, 3, 34 and 35, Ts. 21 and 22 S., R. 17 E., which is a limestone 10 x 6 x 6 ins. above ground, chiseled with 2 notches on E. edge and 4 notches on W. edge, with mound of stone 2 ft. base, 1-1/2 ft. high W. of cor., from which:</p>
	<p>A 19 in. oak, scribed T 21 S R 17 E S 34 B T, bears N. 36° 00' W., 238 lks.</p>
	<p>Thence N. 0° 02' W. On a true line by direct measurement from cor. to secs.</p>

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains 2, 3, 34 and 35, Ts. 21 and 22 S., R. 17 E., here-  
tofore described.

93.79 To cor. No. 1.  
Identical with cor. H-6 of List 3-519, which is a  
limestone 12 x 6 x 8 ins. above ground, marked and  
witnessed as described by the Forest Service. I  
destroy cor. H-6 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 16 ins. in the ground; over which  
I set a limestone 26 x 12 x 5 ins., 16 ins. in the  
ground, chiseled (+) at the point and 1 - H E S 253  
on the NE. face; and raise a mound of stone 2 ft. base,  
1-1/2 ft. high, W. of cor., from which:

An imbedded limestone 48 x 24 x 8 ins., above  
ground, chiseled 1 - H E S 253 + B R, bears  
N. 25° 16' E., 156 lks.  
Cor. to secs. 26, 27, 34 and 35, bears S. 0°  
12' W., 13.73 chs.

Pits impracticable. No other bearings avail-  
able.

Thence N. 26° 15' E.  
Ascend SE. slope 5 ft. in open.

5.00 Cease ascending and descend gentle N. slope 10 ft.  
in open.

39.96 To cor. No. 2.  
Identical with cor. H-7 of List 3-519, which is a  
limestone 10 x 4 x 4 ins. above ground, marked and  
witnessed as described by the Forest Service. I  
destroy cor. H-7 and its witnesses; and, for cor. No.  
2 of this survey, I chisel (+) on a stone 4 x 4 x 2  
ins.; and deposit it 18 ins. in the ground; over which  
I set a limestone 28 x 10 x 9 ins., 18 ins. in the

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Chains ground; chiseled (+) at the point and 2 - H E S 253  
on the NE. face; and dig pits 24 x 24 x 12 ins.

crosswise on this and the succeeding course, 3-1/2  
ft. dist.; and raise a mound of earth 4 ft. base, 2  
ft. high, NE. of cor., from which:

An imbedded limestone 46 x 36 x 6 ins. above  
ground, chiseled 2 H E S 253 + B.R., bears  
S. 73° 20' W., 214 lks.

Thence N. 75° 42' W. x 18.32 chs. to  
Asc. NE. slope 5 ft. in open.  
18.32 Fence bears NNE. and SSW.  
18.33 To cor. No. 3 and a C. C. on line bet. secs. 26 and 27.

At which point I chisel (+) on a stone 3 x 3 x 3 ins.,  
and deposit it 15 ins. in the ground; over which I  
set a conglomerate stone 25 x 9 x 8 ins., 15 ins. in  
the ground; chiseled (+) at the point, C C on ESE.  
face and 3 - H E S 253 on the NE. face; and dig pits  
24 x 18 x 12 ins. crosswise N. and S. 3-1/2 ft. dist.  
and S. 75° 42' E., 7-1/2 ft. dist. and raise a mound  
of earth 4 ft. base, 2 ft. high, ESE. of cor.

Cor. to secs. 22, 23, 26 and 27, bears  
N. 0° 04' W., 25.93 chs.  
1/4 cor. to secs. 26 and 27 bears S. 0°  
04' E., 14.11 chs.

Cor. H-8 of List 3-519, which is a limestone  
15 x 12 x 6 ins. above ground, bears S. 26°  
15' W., 4.98 chs. I destroy all trace of

this list cor.  
Note: This cor. was subsequently mkd. for cor. No. 5 H H S  
261.

Thence N. 0° 04' W. x 14.96 chs.  
Bet. secs. 26 and 27, over grassy bottom,  
14.96 Fence bears ESE. and WNW.



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STATE OF ARIZONA

Chains 14.96 To cor. No. 4, and a C. C. on line bet. secs. 26 and 27.  
 At which point I chisel (+) on a stone 4 x 3 x 2 ins.,  
 and deposit it 15 ins. in the ground; over which I set  
 a limestone 25 x 12 x 4 ins., 15 ins. in the ground,  
 chiseled (+) at the point, C C on E. face and 4 - H E S  
 253 on the SE. face; and dig pits 24 x 18 x 12 ins.  
 crosswise on line N. and S. 3-1/2 ft. dist. and S. 83°  
 35' E. 7-1/2 ft. dist.; and raise a mound of earth 4  
 ft. base, 2 ft. high, S. 83° 35' E., of cor., from  
 which:

An imbedded conglomerate stone 24 x 18 x 5 ins.,  
 chiseled 4 H E S 253 + B R, bears S. 78° 20'  
 W., 104 lks.

Cor. to secs. 22 and 23 bears N. 0° 04' W.,  
 10.97 chs.

1/4 cor. to secs. 26 and 27 bears S. 0° 04' E.,  
 29.07 chs.

Cor. H-9 of List 3-519, which is a limestone  
 8 x 4 x 3 ins. above ground, bears S. 77°  
 08' E., 6.86 chs. I destroy all trace of  
 this list cor.

Note: This cor. was subsequently mkd. for cor. No. 4 H E S 261.

Thence S. 83° 35' E.

Desc. grassy S. slope 10 ft.

25.44 To cor. No. 5.

Identical with cor. H-10 of list 3-519, which is a  
 limestone 6 x 4 x 4 ins. above ground, marked and wit-  
 nessed as described by the Forest Service. I destroy  
 cor. H-10 and its witnesses; and, for cor. No. 5 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 porphyry stone 26 x 14 x 14 ins., 16 ins. in the

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains ground; chiseled (+) at the point and 5 - H E S 253 on the SE. face; and dig pits 24 x 24 x 12 ins. cross-wise on this and the succeeding course 3-1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, SE. of cor., from which:

An imbedded limestone 30 x 24 x 12 ins., above ground, chiseled 5 H E S 253 + B R, bears N. 43° 35' E., 195 lks.

Thence N. 56° 43' E.

Asc. open grassy S. slope 5 ft.

6.12 Wire fence bears N. and S. Desc. N. slope 5 ft.

18.55 Wire fence bears E. and W.

18.55 To cor. No. 6.

Identical with cor. H-1 of List 3-519, which is a limestone 12 x 8 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I

destroy cor. H-1 and its witnesses; and, for cor. No. 6 of this survey, I chisel (+) on an imbedded stone ledge; over which I set a limestone 25 x 10 x 9 ins., 15 ins. in the ground, surrounded by a mound of stone, chiseled (+) at the point and 6 - H E S 253 on the SE.

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

An imbedded limestone 36 x 30 x 6 ins. above ground, chiseled 6 H E S 253 + B R, bears S. 81° 55' W., 15 lks.

Pits impracticable. No other witnesses available.

Thence N. 89° 16' E.

Desc. E. slope 15 ft. in open along fence.

7.82 Cor. fence; fence bears SE. and W.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains  
 10.70 Arroyo, 30 lks. wide, banks 6 ft. high, course NNE.  
 Asc. W. slope 15 ft.

11.96 To cor. No. 7.  
 Identical with cor. H-2 of List 3-519, which is a  
 granite stone 10 x 8 x 4 ins. above ground, marked  
 and witnessed as described by the Forest Service. I  
 destroy cor. H-2 and its witnesses; and, for cor. No.  
 7 of this survey, I chisel (+) on a stone 4 x 4 x 2  
 ins., and deposit it 14 ins. in the ground; over which  
 I set a sandstone 24 x 14 x 5 ins., 14 ins. in the  
 ground, chiseled (+) at the point and 7 - H E S 253  
 on the SW. face; and raise a mound of stone 2 ft. base,  
 1-1/2 ft. high, SW. of cor., from which:  
 A 10 in. walnut, scribed 7 H E S 253 + B T,  
 bears S. 80° 52' W., 145 lks.  
 A 15 in. walnut scribed 7 H E S 253 + B T,  
 bears S. 55° 15' W., 135 lks.

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Thence S. 25° 51' W.  
 Asc. rolling grassy W. slope 15 ft.

4.11 Cor. fence; fence bears NW. and SSW. along line.

6.50 Cor. fence; fence bears NW. and along line.

11.85 Cor. fence; fence bears NW. and along line.

40.80 Cor. fence; fence bears NW., S. 26° 04' W. and  
 N. 25° 51' E. Desc. W. slope 5 ft.

60.08 To cor. No. 8.  
 Identical with cor. H-3 of List 3-519, which is a  
 limestone 6 x 6 x 6 ins. above ground, marked and  
 witnessed as described by the Forest Service. I  
 destroy cor. H-3 and its witnesses; and, for cor. No.  
 8 of this survey, I chisel (+) on a stone 4 x 4 x 2  
 ins., and deposit it 16 ins. in the ground; over which

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

I set a limestone 26 x 14 x 9 ins., 16 ins. in the ground, chiseled (+) at the point and 8 - H E S 253 on the NW. face; and raise a mound of stone 2 ft. base,

1-1/2 ft. high, NW. of cor., from which:

An imbedded limestone 36 x 24 x 18 ins. above ground, chiseled 8 H E S 253 + B R, bears N. 26° 50' W., 110 lks.

Pits impracticable. No other bearings available.

Thence N. 89° 39' W.

Asc. NE. slope 5 ft. in open grassy land.

0.08 Fence bears N. 26° 04' E. and S. 26° 04' W.

5.35 Cease ascending and desc. NW. slope 5 ft.

10.01 To cor. No. 9.

Identical with cor. H-4 of List 3-519, which is a limestone 10 x 4 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I

destroy cor. H-4 and its witnesses; and, for cor. No.

9 of this survey, I chisel (+) on a stone 4 x 4 x 3 ins., and deposit it 16 ins. in the ground; over which

I set a limestone 26 x 10 x 5 ins., 16 ins. in the ground, chiseled (+) at the point and 9 - H E S 253 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which:

An imbedded limestone 36 x 18 x 10 ins. above ground, chiseled 9 H E S 253 + B R, bears S. 30° 15' E., 108 lks.

Pits impracticable. No other witnesses available.

Thence S. 26° 00' W.

Along NW. slope over open grassy land.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains.  
10.00

To cor. No. 10.

Identical with cor. H-5 of List 3-519, which is a limestone 12 x 12 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-5 and its witnesses; and, for cor. No. 10 of this survey, I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 15 ins. in the ground; over which I set a limestone 25 x 12 x 5 ins., 15 ins. in the ground, chiseled (+) at the point and 10 - H E S 253 on the NW. face; and dig pits 24 x 24 x 12 ins. cross-wise on this and the succeeding course 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, NW. of cor., from which:

An imbedded limestone 24 x 12 x 6 ins. above ground, chiseled 10 H E S 253 + B R, bears N. 27° 20' E., 176 lks.

Thence N. 89° 28' W.

Over grassy bottom.

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

AREA

Total area - - - - - 159.90 acres.

IMPROVEMENTS.

An adobe dwelling 28 x 14 ft., the long side extending N. and S. and the NE. cor. of which bears S. 71° 00' W. 8.75 chs. from cor. No. 7 of this survey.

Estimated value ----- \$100.00

A frame shed, 18 x 12 ft., the long side extending N. and S. and the NE. cor. of which bears S. 49° 00' W., 13.70 chs. from cor. No. 7 of this survey.

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Chains

Estimated value ----- \$ 25.00

A well, 4 x 4 x 30 ft. deep, the center of which bears S. 70° 50' W., 3.23 chs. from cor. No. 7 of this survey.

Estimated value ----- \$ 75.00

Approximately 3 miles of wire fencing.

Estimated value ----- \$300.00

Approximately 18 acres of cultivated land.

DESCRIPTION.

This claim is situated on the NE. slope of the Canelo Hills at an elevation of approximately 5200 ft. and is valuable for general farming and stock raising.

There is no timber in this section and practically all of this claim is open grass land.

Water for stock and domestic purposes is obtained from the well or pools.

The soil is a dark loam and produces the ordinary crops of the temperate zone without irrigation. Good crops of corn, sorghums, grain and garden vegetables have been produced.

This section is not known to be mineralized and no town-sites, mining, coal or oil claims are known to have been located in this vicinity. Limestone outcrops are on all the ridges.

Elgin post office and railway station is 8 miles in a Northeasterly direction.

There are no conflicts. H. E. S. 261 (surveyed) of Alex Hinson adjoins this survey on the W. along line 3-4 hereof.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

TRAVERSE.

Cor.	Course	Dist.	N	S	E	W	
1-2	N. 26° 15' E.	39.96	35.84 ✓		17.67 ✓		
2-3	N. 75° 42' W.	18.33	4.53 ✓			17.76 ✓	
3-4	N. 0° 04' W.	14.96	14.96 ✓			0.02 ✓	
4-5	S. 83° 35' E.	25.44		2.84 ✓	25.28 ✓		
5-6	N. 56° 43' E.	18.55	10.18 ✓		15.51 ✓		
6-7	N. 89° 16' E.	11.96	0.15 ✓		11.96 ✓		
7-8	S. 25° 51' W.	60.08		54.07 ✓		26.20 ✓	
8-9	N. 89° 39' W.	10.01	0.06 ✓			10.01 ✓	
9-10	S. 26° 00' W.	10.00		8.99 ✓		4.38 ✓	
10-1	N. 89° 28' W.	12.00	0.11 ✓			12.00 ✓	
			221.29	65.83	65.90	70.42	70.37 ✓
					65.83	70.37	

Error in Lat. and Dep. 0.07 0.05

Closing error 1:25 72.

Survey completed November 28, 1914.

*Walter G. Purley*

Surveyor - Forest Service.

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NATIONAL FOREST

STATE OF ARIZONA

Chains	TRAVEL				Course	Dist.	Chains
W	E	S	N				
	17.87		32.84	32.98	N. 26° 18'	1-2	
17.78			4.83	18.83	N. 78° 42'	2-3	
0.03			14.98	14.98	N. 0° 04'	3-4	
	32.38	3.84		25.44	S. 82° 35'	4-5	
	18.51		10.18	18.55	N. 56° 42'	5-6	
	11.98		0.18	11.98	N. 89° 18'	6-7	
32.30		24.07		50.08	S. 25° 51'	7-8	
10.01			0.06	10.01	N. 89° 39'	8-9	
4.38		8.92		10.00	S. 28° 00'	9-10	
12.00			0.11	12.00	N. 89° 28'	10-1	

21.22 62.83 62.83 70.43 70.43  
 62.83 70.43  
 Error in lat. and Dep. 0.07 0.03  
 Closing error 1:2372.  
 Survey completed November 28, 1914.

*[Handwritten signature]*

Surveyor - Forest 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. L. 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. 253, STATE OF Arizona, Coronado.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	N. 26° 15' E.	39.96	35.84 <sup>5</sup>		17.67 <sup>6</sup>		17.92	642.43 <sup>✓</sup>	
2-3	N. 75° 42' W.	18.33	4.53 <sup>4</sup>		17.76 <sup>7</sup>		17.81	80.86 <sup>✓</sup>	
3-4	N. 0° 04' W.	14.96	14.96 <sup>7</sup>		0.02		0.02	0.30 <sup>✓</sup>	
4-5	S. 83° 35' E.	25.44		2.84 <sup>3</sup>	25.28 <sup>8</sup>		25.27		71.51 <sup>✓</sup>
5-6	N. 56° 43' E.	18.55	10.18 <sup>9</sup>		15.51 <sup>0</sup>		66.04	672.95 <sup>✓</sup>	
6-7	N. 89° 16' E.	11.96	0.15		11.96		93.50	14.03 <sup>✓</sup>	
7-8	S. 25° 51' W.	60.08		54.07 <sup>5</sup>	26.20		79.25		4283.46 <sup>✓</sup>
8-9	N. 89° 39' W.	10.01	0.06		10.01		43.03	2.58 <sup>✓</sup>	
9-10	S. 26° 00' W.	10.00		8.99	4.38		28.64		257.47 <sup>✓</sup>
10-1	N. 89° 28' W.	12.00	0.11		12.00		12.26	1.35 <sup>✓</sup>	
		221.29	65.83	65.90	70.42	70.37		1414.50	4612.44
			65.87	65.87	70.39	70.39			1414.50
									3197.94
								Area =	159.90 <sup>✓</sup>

Closing error 1:2572

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EMH



APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona JUL 12 1917 , 191

The foregoing field notes of Homestead Entry Survey No.  
253

executed by

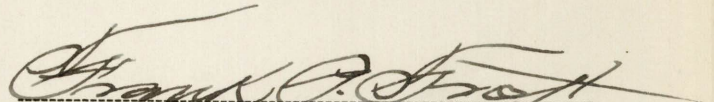
Walter G. Turley, Surveyor,

[Forest Service Title.]

under his special instructions, dated

Sept. 16 , 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.