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ORIGINAL
U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

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588-add

DEC 17 1919
MAY 7 1920

FIELD NOTES

HOMESTEAD ENTRY SURVEY NO. 580

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

In Section 26 , un surveyed, Township 10-1/2 N., Range 14 E.
In Section 27 , un surveyed, Township 10-1/2 N., Range 14 E.
In Section 34 , un surveyed, Township 10-1/2 N., Range 14 E.
In Section 35 , un surveyed, Township 10-1/2 N., Range 14 E.

of the

GILA AND SALT RIVER BASE & Meridian.

State of

ARIZONA.

Applicant for listing **Jess Moore,**
Residence **Young, Arizona.**
Application No. **361** , dated **August 19, 19 12**
List No. **3-2292** , dated **February 27 19 13**

Applicant for survey **John Neyhmeyer,**
Residence **Young, Arizona.**
H. E. No. **039698** , dated **May 27 , 19 18**
Land Office **Phoenix, Arizona.**

Survey executed by **Frank D. Yost, Surveyor - Forest Service,**
Under special instructions dated **December 12 19 18**
Survey commenced **June 27 , 19 19**
Survey completed **June 27 , 19 19**
Under Acts of **June 11, 1906, and October 1 , 1918,**

OATH OF ASSISTANTS

We hereby certify that we assisted
Surveyor - Forest Service,
[Forest Service Title.]

Frank D. Yost,
in surveying all those

parts or portions of Homestead Entry Survey No. 580, in the State of ARIZONA which are represented in the following field notes as having been surveyed 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 surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for ARIZONA.

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

H. E. Brandenburg
Chainman

H. H. Langfellow
Chainman

Subscribed and sworn to before me this Sixth day of August 1919

Frank D. Yost
Surveyor - Forest Service,

OATH OF SURVEYOR

I, Frank D. Yost, Surveyor - Forest Service,
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for ARIZONA, dated December 12, 1918, 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 Patent, No. 3-2292, dated February 27, 1913, for the same to be known as Homestead Entry Survey No. 580, situated within the TONTO National Forest, in unsurveyed Section 26, Township 10-1/2 N. Range 14 E., and unsurveyed Section 27, Township 10-1/2 N. Range 14 E., and unsurveyed Section 34, Township 10-1/2 N. Range 14 E., and unsurveyed Section 35, Township 10-1/2 N. Range 14 E. of the GILA AND SALT RIVER BASE & 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 perpetuated in strict accordance with the stated special instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.

Frank D. Yost
Surveyor - Forest Service,
[Forest Service Title.]

Subscribed and sworn to before me this fifth day of November, 1919.

Ethel G. Myers
Notary Public.



8-2349

My commission expires March 17, 1921.

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STATE OF ARIZONA

Chains

Applicant for listing, Jess Moore; Application No. 361, dated August 19, 1912; List No. 3-2292, dated February 27, 1913; H. E. 039698 made in the Phoenix Land Office on May 27, 1918, by John Neyhmeyer.

Surveyed under Special Instructions from the Surveyor General for Arizona, dated December 12, 1918, and designated as Homestead Entry Survey No. 580.

Situated in what will probably be when surveyed Sections 26, 27, 34 and 35, T. 10-1/2 N., R. 14 E., Gila and Salt River Base and Meridian, Tonto National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and October 1, 1918.

Survey commenced June 27, 1919, and executed with a Buff and Buff transit No. 10019, equipped with Smith solar attachment.

I test the adjustments of the transit and make necessary corrections.

All distances are horizontal, and were reduced from measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

June 27, 1919.

I observe the altitude of the sun for azimuth on Cor. No. 1, H.E.S. 580, hereinafter described. The reading on the reference object is set at zero, and the sun was observed in all four quadrants of the field. My watch is set for local mean time.

Lat. 34° 16' 20" N., Long. 110° 53' 12" W., from Special Instructions from the Surveyor General and later verified.

HOMESTEAD ENTRY SURVEY NO. 580

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Chains.	Telescope	Pos. sun	l.m.t. a.m.	Horizontal Angle	Vertical Angle
	Direct	+°	7h 04m 15s	37° 13' 30"	25° 14' 30"
	Reversed	°+	7h 07m 00s	36° 57' 30"	25° 16' 30"
	Direct	°+	7h 05m 05s	36° 44' 00"	25° 24' 30"
	Reversed	°+	7h 06m 15s	37° 28' 30"	25° 07' 30"

Bearing of reference mark, N. 40° 49' 32" E.

At the same station I again observe the altitude of the sun for azimuth. The reading on the reference object is set at zero and the sun was observed in all four quadrants of the field.

Telescope	Pos. sun	l.m.t. a.m.	Horizontal Angle	Vertical Angle
Direct	+°	7h 09m 40s	37° 52' 30"	26° 20' 30"
Reversed	°+	7h 12m 20s	37° 36' 30"	26° 21' 30"
Direct	°+	7h 10m 25s	37° 22' 30"	26° 29' 30"
Reversed	°+	7h 11m 30s	38° 05' 30"	26° 10' 30"

Bearing of reference object is N. 40° 49' 44" E.

The two observations give a mean bearing of the reference mark as N. 40° 49' 38" E. I accept bearing of reference mark as N. 40° 50' E., and from the corresponding meridian all the courses of this survey were deflected by sustained angulation.

June 27, 1919.

BOUNDARIES OF CLAIM

Beginning at Cor. No. 1.

Identical with Cor. H-5 of the list survey, which is a red sandstone 24 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service, set on top of an embedded sandstone boulder showing 5 x 5 x 3 ft. above ground. I destroy all trace of this list cor., and chisel + for the point and l H E S 580 S. of the

TONTON NATIONAL FOREST

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Chains + on the top surface of the embedded sandstone boulder,
 for Cor. No. 1 of this survey; raise a mound of stone
 3 ft. base, 2 ft. high, S. of cor., whence:
 An oak 8 ins. dia., brs. N. 80° 21' E.,
 133 lks. dist.
 An oak 8 ins. dia., brs. S. 35° 01' E.,
 106 lks. dist.
 Each blazed and scribed 1 H E S 580 + B T
 Cor. fence bears South, 7 lks. dist. from
 which fences bear S. 33° 01' E. and S. 45° 55' W.
 The W. C. to Secs. 4, 5, 32 and 33, Ts. 10 and
 11 N., R. 14 E., an iron post 4 ins. dia.,
 24 ins. above ground, with brass cap marked
 and witnessed as described by the Surveyor
 General, and surrounded by a mound of stone
 6 ft. base, 2 ft. high, bears N. 0° 56' 48" W.,
 89.58 chs. by traverse which appears at the
 end of these notes.
 Lat. 34° 16' 20" N., Long. 110° 53' 12" W., from
 Special Instructions from the Surveyor General and
 later verified.
 Mag. decl. at 8:00 a.m. is 14° 30' E. Mean Magnetic
 decl., 14° 26' E.
 Thence S. 33° 01' E.
 Over open land, along wire fence; fence inside line.
 1.07 Arroyo, 50 lks. wide, banks 2 ft. high, (dry) course
 S. 20° W.. Enter scattering pine and oak.
 Asc. gentle NW. slope, 10 ft. Thru pine and oak.
 24.10 To Cor. No. 2.
 Identical with Cor. H-4 of the list survey, which is
 a red sandstone 12 x 6 x 4 ins. above ground, marked
 and witnessed as described by the Forest Service. I
 destroy all trace of this list cor.

- Chains
 Deposit a sandstone 2 x 2 x 1 ins. marked with a + 18
 ins. in the ground, over which set a sandstone 24 x 12
 x 4 ins. chiseled + for the point, and 2 H E S 580 on
 SW. face; raise a mound of stone 3 ft. base, 2 ft. high,
 SW. of cor., whence:
 A juniper 12 ins. dia., brs. N. 8° 35' E.,
 71 lks. dist.
 A spruce 30 ins. dia., brs. S. 78° 25' E.,
 69 lks. dist.
 Each blazed and scribed 2 H E S 580 + B T
-
- Thence S. 14° 46' E.,
 Desc. 30 ft. over gentle S. slope, thru scattering
 pine and oak. Fence along line inside claim.
 18.76 Creek, 50 lks. wide, banks 2 ft. high, running water
 5 lks. wide, 2 ins. deep, course S. 30° W.
 Thence over rolling land, thru pine and oak, along
 wire fence, inside claim.
 31.63 Fence Cor.; fence bears S. 85° W. and N. 14° 46' W.
 along line.
 31.79 Colcord Creek, 30 lks. wide, banks 2 ft. high, running
 water 12 lks. wide, 8 ins. deep, course S. 85° W.
 Ascend 20 ft. over steep rocky NW. slope, thru heavy
 brush.
 34.48 To Cor. No. 3.
 Identical with Cor. H-3 of the list survey, which is
 a sandstone 12 x 8 x 3 ins. above ground, marked and
 witnessed as described by the Forest Service. I.
 destroy all trace of this list cor.
 Deposit a sandstone 5 x 3 x 2 ins. marked with a + 24
 ins. in the ground, over which set an iron post, 36
 ins. long, 2 ins. dia., with brass cap marked 1919 on
 S. rim and 3 H E S 580 in portion of circle facing

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Chains

claim; raise a mound of stone 3 ft. base, 2 ft. high,
NW. of cor., whence:

An oak 10 ins. dia., brs. S. 80° 31' E.,

36 lks. dist.

An oak 14 ins. dia., brs. S. 44° 47' W.,

53 lks. dist.

Each blazed and scribed 3 H E S 580 + B T

Thence S. 72° 35' W.,

Along steep rocky NW. slope, thru heavy brush.

30.81 To Cor. No. 4.

Identical with Cor. H-2 of the list survey, which is
a limestone 14 x 6 x 2 ins. above ground, marked and
witnessed as described by the Forest Service, set on
top of an embedded limestone boulder showing 4 x 3 x 1
ft. above ground; I destroy all trace of this list
cor., and chisel + for the point and 4 H E S 580 North
of the + on top of the embedded limestone boulder, for
Cor. No. 4 of this survey; raise a mound of stone 3 ft.
base, 2 ft. high, N. of cor., whence:

A pine, 36 ins. dia., brs. S. 0° 07' E.,

100 lks. dist.

A pine, 30 ins. dia., brs. S. 70° 47' E.,

51 lks. dist.

Each blazed and scribed 4 H E S 580 + B T

Thence N. 20° 00' W.,

Desc. 30 ft. over steep rocky NW. slope, thru heavy
brush.

2.81 Colcord Creek, 70 lks. wide, banks 3 ft. high; running
water 12 lks. wide, 10 ins. deep, course S. 80° W.,

thence over rolling grassland, thru scattering pine.

3.20 Cor. wire fence, fences bear East and N. 20° 00' W.

Chains along line.

23.77 To Cor. No. 5,
At cor. fence; fences bear S. 20° 00' E. and N. 2° 58' E.
along claim lines.
Identical with Cor. H-1 of the list survey, which is a
sandstone 12 x 6 x 4 ins. above ground, marked and wit-
nessed as described by the Forest Service. I destroy
all trace of this list cor.
Deposit a sandstone 3 x 2 x 2 ins. marked with a + 18
ins. in the ground, over which set a sandstone 24 x 12
x 4 ins. chiseled + for the point and 5 H E S 580 on E.
face; raise a mound of stone 3 ft. base, 2 ft. high, E.
of cor., whence:
A pine 24 ins. dia., brs. N. 4° 02' W.,
84 lks. dist.
An oak 16 ins. dia., brs. S. 86° 16' W.,
27 lks. dist.
Each blazed and scribed 5 H E S 580 + B T
Cor. No. 6, H.E.S. 212, a limestone 13 x
5 x 10 ins. above ground, marked + on
top and 6 H E S 212 on SW. face, bears
S. 81° 02' 23" E., 18.77 chs. dist. by
traverse which appears at the end of these
notes.

Thence N. 2° 58' E.
Over rolling grassland, thru scattering pine and oak.
Wire fence along line inside claim.

21.28 Arroyo, 60 lks. wide, banks 3 ft. high, (dry), course
S. 60° W.

26.68 To Cor. No. 6.
At cor. of fence; fences bear S. 2° 58' W. and N. 45° 55' E.
along claim lines.

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Chains
 Identical with Cor. H-6 of the list survey, which is
 a sandstone 10. x 6. x 4' ins. above ground, marked and
 witnessed as described by the Forest Service. I
 destroy all trace of this list cor.
 Deposit a sandstone 2 x 2 x 1 ins. marked with a + 18
 ins. in the ground, over which set a sandstone 24 x 12
 x 4 ins. chiseled + for the point and 6 H E S 580 on SE.
 face; raise a mound of stone 3. ft. base, 2 ft. high,
 SE. of cor., whence: - - - -
 A pine 18 ins. dia., brs. S. 63° 59' E.,
 85 lks. dist.
 A pine 16 ins. dia., brs. N. 32° 20' E.,
 18 lks. dist.
 Each blazed and scribed 6 H E S 580 + B T

Thence N. 45° 55' E.
 Over rolling grassland, thru oak and pine. Wire fence
 along line inside claim.
 19.88 To Cor. No. 1, the place of beginning.

ARBA -
 Total Area - - - - - 153.90 Acres.

IMPROVEMENTS
 The improvements made upon and for the benefit of this
 claim and belonging to the claimant herein consist of
 the following:
 A log house 10 x 16 ft., the long sides ex-
 tending N. and S., the SE. cor. of which
 bears N. 36° 15' W., 18.75 chs. dist. from
 Cor. No. 3.
 Value - - - - - \$100.00
 A log house 13 x 13 ft., the long sides ex-

Chains extending N. and S., the SW. cor. of which
 bears N. 35° 12' W., 18.02 chs. dist. from
 Cor. No. 3.

Value - - - - - \$100.00

A log store house 14 x 14 ft., the long sides
 extending N. and S., the SW. cor. of which
 bears N. 32° 51' W., 17.52 chs. dist. from
 Cor. No. 3.

Value - - - - - \$ 80.00

A log barn 15 x 20 ft., the long sides extend-
 ing E. and W., the NE. cor. of which bears
 S. 14° 23' W., 16.91 chs. dist. from Cor.
 No. 2.

Value - - - - - \$150.00

A pole corral, 60 x 100 ft., the long sides
 extending E. and W., the NE. cor. of
 which bears S. 12° 01' W., 16.45 chs.
 dist. from Cor. No. 2.

Value - - - - - \$100.00

Approximately 2 miles of wire fencing,

Value - - - - - \$250.00

DESCRIPTION

The claim lies in Colcord Canyon, along the North bank
 of Colcord Creek. The soil is a rich loam, slightly
 sandy, very deep, and fertile, and moist enough to
 render irrigation unnecessary except in extreme drought.

Land is grass land with scattering pine and oak.

Ninety percent of the area is suitable for farming, of
 which 30 acres were under cultivation at the time of
 survey.

Water for domestic purposes can be obtained from the
 branch of Colcord Creek which flows close to the house.

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This creek is spring fed and flows all year.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H.E.S. 212 lies about 1/4 mile West.

Young, Arizona, the nearest settlement and postoffice, is about 15 miles distant in a southerly direction, and is reached by pack trail.

TRAVERSES

Course	Dist.	N.	S.	E.	W.
S. 33° 01' E.	24.10		20.21	13.13	
S. 14° 46' E.	34.48		33.34	8.79	
S. 72° 35' W.	30.81		9.22		29.40
N. 20° 00' W.	23.77	22.34			8.13
N. 2° 58' E.	26.68	26.64		1.38	
N. 45° 55' E.	19.88	13.83		14.28	
	159.72	62.81	62.77	37.58	37.53
		62.77		37.53	
Error in Lat. and Dep.		.04		.05	

Closing Error, 1:2494.

TIE FROM COR. NO. 6, H.E.S. 212 TO COR.

No. 5, H.E.S. 580.

Course	Dist.	N.	S.	E.	W.
N. 77° 38' E.	1.07	.23		1.05	
S. 69° 30' E.	9.72		3.40	9.10	
N. 63° 26' E.	4.72	2.11		4.22	
N. 64° 57' E.	3.10	1.31		2.81	
N. 26° 56' E.	3.01	2.68		1.36	
	21.62	6.33	3.40	18.54	0.00
		3.40		0.00	
		2.93		18.54	

Resultant course, N. 81° 02' 23" E., 18.77 chs.

Chains

TIE FROM COR. NO. 1, H.E.S. 580 TO

W.C. OF SECS. 4, 5, 32 and 33,

Ts. 10 and 11 N., R. 14 E.

Course	Dist.	N.	S.	E.	W.
N. 7° 21' W.	10.91	10.82			1.40
N. 03° 07' E.	9.37	9.36		51	
N. 1° 51' E.	37.96	37.94		1.23	
N. 10° 33' E.	15.10	14.84		2.76	
N. 8° 02' W.	11.23	11.11		1.57	
N. 28° 44' W.	6.26	5.49		3.01	
		89.56	0.00	4.50	5.98
					4.50
					1.48

Resultant course N. 0° 56' 48" W., 89.58 chs.

Survey completed June 27, 1919.

Surveyor - Forest Service,

[Handwritten signature]

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STATE OF ARIZONA

Chains

June 27, 1919.

Direct Solar obsn. at Cor., No. 1, H. E. S. 580.

Lat. $34^{\circ} 16' 20''$ N., Long. $110^{\circ} 53' 12''$ W., from

Special Instructions from the Surveyor General.

Elevation, 5700 feet.

Telescope	Pos.	l.m.t.	Horizontal	Vertical
	sun.	a.m.	Angle	Angle

Direct	+	7h 04m 15s	$37^{\circ} 13' 30''$	$25^{\circ} 14' 30''$
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Reversed	+	7h 07m 00s	$36^{\circ} 57' 30''$	$25^{\circ} 16' 30''$
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Direct	+	7h 05m 05s	$36^{\circ} 44' 00''$	$25^{\circ} 24' 30''$
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Reversed	+	7h 06m 15s	$37^{\circ} 28' 30''$	$25^{\circ} 07' 30''$
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Means		7h 05m 39s	$37^{\circ} 05' 52''$	$25^{\circ} 15' 45''$
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Corr. for Refr.

$\frac{1' 33''}{25^{\circ} 14' 12''}$

Decl., $24^{\circ} 21' 31''$ N.

$$\text{Cos. } Q. = \frac{\sin. 23^{\circ} 21' 31''}{\cos. 34^{\circ} 16' 20'' \times \cos. 25^{\circ} 14' 12''} - \tan. 34^{\circ} 16' 20''$$

$$\times \tan. 25^{\circ} 14' 12''$$

log. sin. $23^{\circ} 21' 31''$ = 9.5982266

log. cos. $34^{\circ} 16' 20''$ = 9.9171753

log. cos. $25^{\circ} 14' 12''$ = 9.9564347

$\frac{9.7246166}{9.9564347} = \text{log. } .53042$

log. tan. $34^{\circ} 16' 20''$ = 9.8334299

log. tan. $25^{\circ} 14' 12''$ = 9.6733400

$\frac{9.5067699}{9.6733400} = \text{log. } .32120$

Cos. Q. = .20922

Q. = $77^{\circ} 55' 24''$

Bearing of reference mark, N. $40^{\circ} 49' 32''$ E.

HOMESTEAD ENTRY SURVEY NO. 580

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STATE OF ARIZONA

Chains

Direct Solar obsn. at Cor. No. 1, H.E.S. 580,

June 27, 1919.

Lat. $34^{\circ} 16' 20''$ N., Long. $110^{\circ} 53' 12''$ W., from

Special Instructions from the Surveyor General.

Elevation, 5700 feet.

Telescope	Pos.	l.m.t.	Horizontal Angle	Vertical Angle
	sun	a.m.		

Direct	$+^{\circ}$	7h 09m 40s	$37^{\circ} 52' 30''$	$26^{\circ} 20' 30''$
--------	-------------	------------	-----------------------	-----------------------

Reversed	$+^{\circ}$	7h 12m 20s	$37^{\circ} 36' 30''$	$26^{\circ} 21' 30''$
----------	-------------	------------	-----------------------	-----------------------

Direct	$+^{\circ}$	7h 10m 25s	$37^{\circ} 22' 30''$	$26^{\circ} 29' 30''$
--------	-------------	------------	-----------------------	-----------------------

Reversed	$+^{\circ}$	7h 11m 30s	$38^{\circ} 05' 30''$	$26^{\circ} 10' 30''$
----------	-------------	------------	-----------------------	-----------------------

Means		7h 10m 59s	$37^{\circ} 44' 15''$	$26^{\circ} 20' 30''$
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Corr. for refr. $\frac{1' 29''}{26^{\circ} 19' 01''}$

Decl. $23^{\circ} 21' 41''$ N.

$$\text{Cos. Q.} = \frac{\sin. 23^{\circ} 21' 31''}{\cos. 34^{\circ} 16' 20'' \times \cos. 26^{\circ} 19' 01''}$$

$$\times \tan. 26^{\circ} 19' 01''$$

log. sin. $23^{\circ} 21' 31'' = 9.5982266$

log. cos. $34^{\circ} 16' 20'' = 9.9171753$

log. cos. $26^{\circ} 19' 01'' = 9.9524802$
 $\frac{9.7285711}{9.9524802} = \log. .53527$

log. tan. $34^{\circ} 16' 20'' = 9.8334299$

log. tan. $26^{\circ} 19' 01'' = 9.6942531$
 $\frac{9.6942531}{9.8334299} = \log. .33704$

Cos. Q. = .19823

Q. = $78^{\circ} 33' 59''$

Bearing of reference mark, N. $40^{\circ} 49' 44''$ E.

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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. 580, STATE OF ARIZONA

6-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.		
			NORTH.	SOUTH.	EAST.	WEST.							
1 - 2	S. 33-01 E. ✓	24.10		20 ²² 21 ²²	13 ¹² 13 ¹²			44	42			898	17
2 - 3	S. 14-46 E. ✓	34.48		33 ³⁵ 34 ³⁵	8 ⁷⁸ 79 ⁷⁸			66	32			2211	77
3 - 4	S. 72-35 W. ✓	30.81		9 ²² 22 ²²		29 ⁴¹ 40 ⁴¹		45	69			421	72
4 - 5	N. 20-00 W. ✓	23.77	22 ³⁴ 34 ³⁴			8 ¹⁴ 13 ¹⁴		8	14	181	85		
5 - 6	N. 2-58 E. ✓	26.68	26 ⁶⁴ 64 ⁶⁴		1 ³⁷ 38 ³⁷			1	37	36	48		
6 - 1	N. 45-55 E. ✓	19.88	13 ⁸³ 83 ⁸³		14 ²⁸ 28 ²⁸			17	02	235	39		
		159.72 ✓	62 ⁸¹ 81 ⁸¹	62 ⁷⁷ 77 ⁷⁷	37 ⁵⁸ 58 ⁵⁸	37 ⁵³ 53 ⁵³				453	72	3531	66
			62 ⁸⁰ 80 ⁸⁰	62 ⁸⁰ 80 ⁸⁰	37 ⁵³ 53 ⁵³	37 ⁵³ 53 ⁵³						453	72
	Error in Lat. and Dep.		04 ✓		05 ✓							20/3077	94
	Closing Error, 1:2494 ✓											153	90
													Acres.
													I-S.

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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.

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 580, STATE OF ARIZONA

8-2340

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
		CLOSING	TIE LINES						
Bdy.Pt.9-1/212	S. 8-17 E.	100.20		99 15	14 44				
1/212 to 2/212	S. 39-39 E.	14.87		11 45	9 49				
2/212 to 3/212	N. 36-07 E.	11.23	9 07		6 62				
3/212 to 4/212	S. 79-50 E.	9.86		1 74	9 70				
4/212 to 5/212	S. 5-08 E.	28.86		28 74	2 58				
5/212 to 6/212	S. 75-48 E.	4.94		1 21	4 79				
6/212 to 5/580	N. 81-02' 23" E	18.77	2 93		18 54				
5/580 to 6/580	N. 2-58 E.	26.68	26 64		1 38				
6/580 to 1/580	N. 45-58 E.	19.88	13 83		14 28				
1/580 to Bdy.P.8	N. 0-56-48 W.	89.58	89.56						
B.P.8-B.P.9 (Rcord)	West	80.50							
			142 03	142 29	81 82	81 98			
				142 03		81 82			
				26		16			
							I.S.		

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 10, 1920

The foregoing field notes of Homestead Entry Survey No.

580

executed by *Frank D. Gost, Surveyor,* [Forest Service Title.]
under his special instructions, dated *December 12*, 1918, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Frank P. Trott

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.