U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF
HOMESTEAD ENTRY SURVEY NO. 561

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 23, unsurveyed, Township 6 N., Range 13 E.

In Section 24, unsurveyed, Township 6 N., Range 13 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing: C. E. Steward
Residence: Young, Arizona
Application No.: 362, dated August 24, 1912
List No.: 3-2548, dated December 6, 1913

Applicant for survey: Deliver G. Atkins
Residence: Young, Arizona
H. E. No.: 036893, dated November 15
Office: Phoenix, Arizona

Survey executed by: F. L. Kirby, Deputy Forest Supervisor
Under special instructions dated: February 15, 1918
Survey commenced: December 15, 1919
Survey completed: December 17, 1919
OATH OF ASSISTANTS

We hereby certify that I assisted F. L. Kirby
in surveying all those
parts or portions of Homestead Entry Survey No. 561, 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 oath to assistant; hence it was taken by the Surveyor.

S. P. Roach
Chairman

Subscribed and sworn to before me this Seventeenth day of December, 1920.

Deputy Forest Supervisor

OATH OF SURVEYOR

I, F. L. Kirby, Deputy Forest Supervisor

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated February 15, 1928, 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

Lot 23, No. 3-2546, dated December 6, 1913, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 561, situated within the Tonto National Forest, in unsurveyed Section 23, Township 6 N, Range 13 E, and unsurveyed Section 24, Township 6 N, Range 13 E, of the Gila and Salt River Base and 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.

Deputy Forest Supervisor

Subscribed and sworn to before me this Seventeenth day of September, 1921.

[Signature]
<table>
<thead>
<tr>
<th>Chains</th>
<th>Applicant for listing, C. H. Stewart; Application No. 562; dated August 24, 1912; List No. 3-254, dated December 6, 1913; H.E. 036985 made in the Phoenix Land Office on November 15, 1917, by Deliver C. Adkison. The area excluded from the original listing for a road exception was included in this survey, since the road exception is no longer required by the Forest Service for the protection of Government interests. Surveyed under special instructions from the Surveyor General for Arizona, dated February 15, 1919, and designated as Homestead Entry Survey No. 561. Situated in what will probably be when surveyed Secs. 23 and 24, T. 6 N., R. 13 E., Gila and Salt River Base and Meridian, Tonto National Forest, Arizona. Surveyed under the Acts of June 11, 1906 and May 31, 1920.</th>
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</thead>
<tbody>
<tr>
<td>Survey commenced December 15, 1920, and executed with an A. Leitz Mining Transit, No. 6234, equipped with full vertical circle and Saegmuller Solar attachment, the horizontal limb having two double verniers placed opposite and reading to thirty seconds of arc; the vertical circle has a double vernier reading to single minutes. 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.</td>
<td></td>
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<tr>
<td>December 15, 1920 At my station near cor. No. 1 of this survey in lat. 33° 51' N., long. 110° 57' 40&quot; W., from Forest Service Base Map, at 5 h. 05m. p.m. 1.m.t., I observe Polaris with telescope direct, reading an angle of 9° 01' from star to west to reference mark about 1-1/2 miles dist.</td>
<td></td>
</tr>
</tbody>
</table>
GREENWICH M.T. U.C. POLARIS DEC. 15, 1920

7h. 56. 6m. p.m.

Correction for long.

11.2


7h. 55. 4m. p.m.

1. M.T. OBEN. POLARIS, DEC. 15, 1920

5h. 05. m. p.m.

Hour angle

2h. 50. 4m.

 Diameter

Azimuth of Polaris

N. 0° 55' 11.

Bearing of Reference Mark N. 8° 06' W.

At the same station at 5h. 05m. 1. M.T. I again observe Polaris with telescope reversed reading an angle of 9° 00'

30" from star to same reference mark.


7h. 55. 4m. p.m.

1. M.T. OBEN. POLARIS, DEC. 15, 1920

5h. 03. m. p.m.

Hour angle

2h. 47. 1m.

Azimuth of Polaris

N. 0° 54' 18" W.

Bearing of reference mark N. 8° 06' 12" W.

The mean bearing of reference mark as determined from the two obsen. is N. 8° 06' 06" W.

I accept bearing of reference mark as N. 8° 06' W. and from the corresponding meridian all the courses of this survey were deflected by sustained angulation.

December 15, 1920

BOUNDARIES OF CLAIM

December 16, 1920

Beginning at cor. No. 1

Identical with Cor. No. 1 of H.E.S. No. 148, also point for Cor. H/1 of the list survey a sandstone 10 x 4 x 10 ins. above ground, marked + on top and 1 H.E.S 148 on SW. face. I adopt this cor. for cor. No. 1 of this survey, and alongside to N.W. set a red sandstone 24 x 12 x 4 ins. 18 ins. in ground, chiseled 1 H.E.S. 561 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high, NW. of cor. whence;

A pine 6 ins. dia., bears N. 10° 02' E.,
23 ins. dist.

A cypress 6 ins. dia., brs. N. 7° 31' W.,
29 ins. dist.
Chains

Each blazed and scribed 1 H B S 561 + B T
U. S. L. M. No. 148 H. E. S. a porphyry ledge, 16
ft. high extending SW. and SE. from point,
chiseled + and U. S. L. M. 148 H. E. S on top, with
mound of stone 6 ft. base, 4 ft. high, South of
U. S. L. M. bears S. 10° 19' E., 1.97 chs. dist.
by direct measurement. (Record in H. E. S. 180 5° 10' W.)

It was impracticable to chisel markings for this survey
on the stone set for Cor. No. 1, H. E. S. 148.
Lat. 37° 51' 00" N., Long. 110° 57' 40" W. from special
instructions from the Surveyor General and later veri-
fied.

Mag. decl. at 8:30 a.m. is 14° 05'. E., Mean mag. decl.
14° 02' E.

Thence N. 79° 08' W.

Deca. 6 ft. over SW. slope, thru heavy brush, along
line 1 - 11 of H. E. S. 148. (Record N. 79° 08' E.)

.20
North bank of Workman Creek, bank 3 ft. high.

.70
Workman Creek 68 lks. wide, banks 3 ft. high, running
water 15 lks. wide, 6 ins. deep, course N. 58° W.

1.10
S. bank Workman Creek, bank 3 ft. high.

1.50
Road bears N. 10° E.

7.45
Connor Creek, 70 lks. wide, banks 2 ft. high, running
water 10 lks. wide, 4 ins. deep, course North.

8.20
E. bank Bear Creek 30 lks. wide, dry course N. 60° E.

9.00
W. bank Bear Creek, bank 2 ft. high

9.22
To cor. No. 2.

Identical with Cor. No. 11 of H. E. S. No. 148, a sand-
stone 10 x 8 x 10 ins. above ground, marked + on top,
and 11 H E S 148 on SE. face. I adopt this cor. for
Cor. No. 2 of this survey and alongside to North set a
red sandstone 24 x 12 x 3 ins. 16 ins. in the ground,
chiseled 2 H E S 561 on N. face; raise a mound of stone
3 ft. base, 2 ft. high, N. of cor., whence;
Chains

An oak 12 ins. dia., brs. E. 24° 51' E., 14 lks. dist.

An oak 10 ins. dia., brs. N. 72° 03' W., 30 lks. dist.

Each blazed and scribed 2 H E S 561 + B T

It was impracticable to chisel markings for this survey on stone set for Cor. No. 11 H E S 113.

Cor. No. 2 is identical with point for Cor. H/2 of the listing survey, said list cor. was destroyed in the execution of H E S. 113.

Thence N. 42° 11' W.

Asc. 5 feet thru oak underbrush and young pine.

5.04

To cor. No. 3.

Identical with cor. H/5 of the list survey which is a porphyry stone 14 x 10 x 8 ins. on top of an embedded porphyry boulder showing 30 x 36 x 18 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

I chisel + for the point and 3 H E S 561 on top of the embedded porphyry boulder showing 30 x 36 x 18 ins. above ground. For cor. No. 3 of this survey and raise a mound of stone 2 ft. base 1-1/2 ft. high E. of Cor.

whence:

An oak 16 ins. dia. bears N. 24° W. 3 lks.

An oak 12 ins. dia. bears N. 18° E. 11 lks.

Each blazed and scribed 3 H E S 561 + B T.

Thence N. 64° 09' W.

3.10

Fence, bears N. and W.

10.50

Fence, bears N. and S. Desc. gradual N E slope thru underbrush and young pine.

17.80

Arroyo, dry, 15 lks. wide, banks 2 ft. high course N. 15° E. thence along gradual NE slope.
Chains

23 1/4

To Cor. No. 4.

Identical with Cor. No. 4 of the list survey, which is a sandstone 5 x 4 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a diabase stone 2 x 4 x 5 ins. marked with a +16 ins. in the ground over which set a diabase stone 2 1/2 x 6 x 8 ins. chiseled for the point and 4 H E S 561 on E. face; raise a mound of stone 2 ft. base 1 1/2 ft., high E. of cor. whence;

An oak 20 ins. dia. burs. N. 77° 42' E. 17 lks. dist.

A pine 30 ins. dia. burs. S. 29° 15' W. 63 lks. dist.

Each blazed and scribed 4 H E S 561 + B T

December 16, 1920

December 17, 1920
Thence N. 1° 40' W.

Desc. 40 ft. over N. slope

4.40 SW bank of Workman Creek, bank 1 ft. high

4.80 Workman Creek 65 lks. wide, running water 50 lks. wide
8 ins. deep, course N. 55° W.

5.00 Road bears N. 70° E.

5.25 N. bank of Workman Creek Bank 3 ft. high

5.53 To Cor. No. 5.

Identical with cor. H 3 of the list survey which is a granite stone 5 x 10 x 15 ins. set on top of a diabase outcropping 30 x 50 x 24 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

I chisel + for the point and 5 H E S 561 on top of diabase outcropping showing 30 x 50 x 34 ins. above ground for cor. No. 5 of this survey and raise a mound of stone 2 ft. base 1 1/2 ft. high S. of cor. whence;
Chains

An alder 20 ins. dia. bds. 3.56° W. 23 lks. dist.
An oak 8 ins. dia. brs. N.72°30'.E. 45 lks. dist.
Each blazed and scribed 5 H E S 561 + B T

Thence S. 66° 49'.E.
Asc. 50 ft. thru dense underbrush

10.00 Top asc. Desc. 20 ft. to arroyo.

12.50 Arroyo 25 lks. wide dry. Course SW. Asc. 50 ft. over SW slope thru oak brush.

20.00 Top asc. Thence over level land.

21.45 Fence cor. fences bear S. 67° E. and S. 55° W.

28.07 To Cor. No. 6.

Identical with cor. H 2 of the list survey, which is a diabase stone 3 x 5 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a red sandstone 3 x 6 x 6 ins. marked with a + 16 ins. in the ground, over which set a red sandstone 2.5 x 8 x 12 ins. chiseled + for the point and 6 H E S 561 on SW face;

Raise a mound of stone 2 ft. base 1-1/2 ft. high SW of cor. Thence;

An oak 6 ins. dia. brs. N. 54° W. 16 lks. dist.
An oak 12 ins. dia. brs. N. 61° E. 34 lks. dist.
Each blazed and scribed 6 H E S 561 + B T

Thence S. 37° 56'.E.
Asc. 10 ft. over gradual SW slope

12.60 Ditch 1 lks. wide 1 ft. deep. Course N. 55° W.

12.82 To Cor. No. 1, the place of beginning.

AREA

Total Area---------- --------------- 19.81 Acres
Chains

The improvements made upon and for the benefit of this claim and belonging to the claimant consist of the following:

The dwelling is a frame house 1/4 x 18 ft., the long side of which extends N. 55° W., and the E. cor. of which brs. S. 57° W. 3.20 chs. from Cor. No. 6.

Value----------------------------------------200.00

A log Barn, 16 x 20 ft., the long side extending NW. and SE., and the E. cor. of which brs. N. 82° W. 4.80 chs. dist from Cor. No. 6.

Value----------------------------------------125.00

Storehouse of logs and adobes, 10 x 12 ft., long side extending NW. and SE., and E. cor. of which brs. N. 77° W. 5.80 chs. from Cor. No. 6.

Value----------------------------------------80.00

Pole Corral 60 ft. dia., brs. S. 69° W. 5.40 chs. from Cor. No. 6.

Value----------------------------------------75.00

Approximately 200 rods of fence of barbed wire.

Value----------------------------------------200.00

GENERAL DESCRIPTION

The claim is situated in the bed of Workman Creek; and it is in between high, steep, rough mountains which extend down to the lines of the claim on the NE. and SW.

The agricultural portion of the tract consist of 3 small flats of bottom land, lying along Workman Creek; the total area of these flats is approximately 1-1/2 acres.

Of the remainder of the tract, about 3 acres is gravel and boulders in the creek bottom; and the remainder is steep, rocky, brush covered hillsides. The agricultural portion is sandy alluvium, full of humus and very fertile. Approximately 3.8 acres of the tract was cleared and
under cultivation on the date of this survey, 1 acre of which had recently been planted to young guava trees. All of the cultivated portion is under ditch.

Young Arizona, the nearest settlement and post office, is about 25 miles in a northerly direction; but that place bears little or no relation to this claim; the metropolis and trading point is Globe, which is also the county seat. It is accessible by a good automobile road.

The only timber of commercial value on the claim is a few oak and sycamore trees suitable for cordwood only, and which would probably total 40 cords; this has no value whatever at present, owing to distance from market.

There is no indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. H.E.S. No. 118 of the J.C. Carr homestead, adjoins this tract on the south, lines 1-11 of H.E.S. 118 being identical with line 1-2 of this survey.

TRaverse

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<th>Course</th>
<th>Dist.</th>
<th>N.</th>
<th>S.</th>
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Survey completed December 17, 1920

Deputy Forest Supervisor
# Tabling and Calculations of Homestead Entry Survey No. 561, State of Arizona

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<th>DISTANCE</th>
<th>LATITUDES</th>
<th>DEPARTURES</th>
<th>DOUBLE M. D.</th>
<th>N. AREAS</th>
<th>S. AREAS</th>
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Closing Exceed 1/1402

71.70  71.70  33.17  33.17

20 396 29

18 81 Acres E
APPROVAL

Office of the United States Surveyor General.

PHOENIX, ARIZ

December 3, 1921

The foregoing field notes of Homestead Entry Survey No.

561

executed by F. L. Kirby, Deputy Forest Supervisor
under his special instructions, dated Feb. 18, 1918, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

[Signature]
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 F. TROTT
U. S. Surveyor General.