FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 187

SITUATED IN THE

TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 4, un surveyed, Township 11 N., Range 12 E.,

Section 9, un surveyed, Township 11 N., Range 12 E.,

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by W. H. Finigan, Forest Service Surveyor.

Under special instructions dated November 29, 1913

Survey commenced March 1, 1914

Survey completed March 4, 1914

Under Acts of June 11, 1906 and March 4, 1913

Applicant for listing  Henry Haught,

Residence  Myrtle, Arizona

Application No. 128, dated April 5, 1907

List No. 1161, dated March 12, 1908

Applicant for survey  Sam Haught,

Residence  Payson, Arizona

H. E. No. 016632, dated February 5, 1912

Land district  Phoenix, Arizona
OATH OF ASSISTANTS

We hereby certify that we assisted W. H. Finigan, Forest Service Surveyor, in surveying all those parts or portions of Homestead Entry Survey No. 137, in un surveyed Section 4, Township 11 N., Range 12 E., un surveyed Section 9, Township 11 N., Range 12 E., of the G. & S.R.E. & 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 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.

[Signature]
Chainman
[Signature]
Chainman

Subscribed and sworn to before me this ___ day of

[Signature]
Commissioner

OATH OF SURVEYOR

I, W. H. Finigan, Forest Service Surveyor, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated November 29, 1913, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land upon the application or embraced in List No. 1151, dated March 12, 1906, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 137, situated within the Tonto National Forest, in un surveyed Section 4, Township 11 N., Range 12 E., and un surveyed Section 9, Township 11 N., Range 12 E., of the G. & S.R.E. & 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.

[Signature]
Forest Service Surveyor

Subscribed and sworn to before me this ___ day of

[Signature]
Commissioner

Notary Public

Bernalillo County, N.M.
Chains Applicant for listing, Henry Haught; Application No. 128, dated April 5, 1907; List No. 1181, dated March 12, 1908; Lot No. 016658, entered February 5, 1912 at Phoenix, Arizona, by Sam Haught.

Surveyed under Special instructions from the Surveyor General for Arizona, dated November 29, 1913, and designated as Homestead Entry Survey No. 127.


This survey is located in what will probably be, when surveyed, sec. 4 and 9, T. 11 N., R. 12 E., of the Gila and Salt River Base and Meridian within the Tonto National Forest, Arizona.

This survey was commenced March 1, 1914 and executed with a W. and L. B. Gurley light mountain transit with vertical circle and Burt solar attachment, the least count of all arcs being one minute.

The distances were measured with a 200 lb. steel tape directly on the slope and the slope angles determined by means of a clinometer.

All the courses of this survey were deflected from the true meridian as established by obsn. on Polaris.

March 1, 1914: at 6h. 18.5 m., p.m., L.M.T., observe Polaris at cor. No. 1 and mark line of sight on ground.

Astron. time of obsn. March 1, 1914, 6h. 18.5m.

Astron. time U.C.Pol. March 1, 1914, 5h. 52.2m.

Time argument 3h. 26.3m.

Azimuth of Polaris 86°.

Next morning set off 1° 6' to E. from observed line for true meridian.

Sam Haught's camp, 1200 feet one or two feet of lake.
Homestead Entry Survey No. 137

Tonto National Forest

State of Arizona

Chains

On same date at cor. No. 1, observe Polaris at Western elongation and mark line on ground. Next morning set off 1° 23½' to E. of observed line for true meridian. The difference bet. meridians as marked from two observations is 30', therefore take mean of them to which all courses are referred.

March 3, 1914.

Beginning at cor. No. 4 of list, which is a sandstone 10 ins. above ground, marked and witnessed as described by the Forest Service.

Thence S. 84° 48' W.

Over mountainous ground.

80.00 At 12 h., 12m., p.m., l.m.t., observe alt. sun's upper limb 49° 00' resulting lat. is 34° 22' 16''.

114.00 March 4, 1914:

157.24 To temp. point.

Thence N. 82° 28' W.

6.58 To 1¼ sect. cor. on W. bdy. Sec. 7, T. 11 N., R. 12 E., which is a sandstone 5 ins. above ground, marked and witnessed as described by the Surveyor General.

At 12 h., 12 m., p.m., l.m.t., observe sun on meridian, and mark bearing of same with div. resulting lat. 34° 22' 15''.

Therefore true line bears S. 85° 18' W. 163.54 chs. There being no public land cor. nor U.S. L.M. within two miles of the claim, set U. S. L. M. No. 137 H E S. situated on small hill within the boundaries of this survey about 9 chs. West of Tonto Creek and about 9 chs. North of end of road from Henry F. Haught's to Sam Haught's ranch, also about 2 chs. West of trail from Sam Haught's to A. L. Haught's ranch. The head of
Homestead Entry Survey No. 137

T. 21 S., R. 5 E.

Arizona

Chains: Tonto Creek is N. 25° E, about 2-1/2 miles.

Set a sandstone 36 x 14 x 6 ins., 24 ins. in ground, chiseled U.S.L.M. No. 137 H.E.S. on N. face; raise mound of stone 6 ft. base, 4 ft high alongside, whence scribed:

A pine 23 ins. dia., scribed U.S.L.M. No. 137 H.E.S.

B, T. bears N. 10° 12', W. 34 lks.

A juniper 24 ins. dia., scribed U.S.L.M. No. 137 H.E.S.

B, T. bears N. 60° 24', W. 70 lks.

A pine 16 ins. dia., scribed U.S.L.M. No. 137 H.E.S.

B, T. bears N. 52° 37', S. 32 lks.

Cor. No. 1 N.E. S. No. 137 bears S. 71° 50', W. 8.18 chs.

Laid off corner No. 2, 32.33 lks.

Cor. 1/4 sec. S.W. cor. quarter bay, sec. 7, T. 11 N., R.

12 E. bears S. 84° 40', W. 171.50 chs.

Sam Haught's ranch house bears S. 3° 15', E. 6.80 chs.

March 2, 1914.

Beginning at cor. No. 1, N. 00', E. 00', S. 00'.

Identical with cor. No. 4 of list, which is a sandstone 10 x 7 x 4 ins., above ground, marked and witnessed as described by the Forest Service. Destroy same and set a sandstone 24 x 18 x 6 ins., 14 ins. in ground, forever marked stone, chiseled 1-H.E.S.137 on E.N.E. face; raise mound of stone 2 ft. base, 1-1/2 ft. high E.N.E. of cor., whence:

A pine 24 ins. dia., scribed 1 H.E.S.137 B T

Bears N. 56° 03', E. 107 lks.

An oak 14 ins. dia., scribed 1 H.E.S.137 B T

Bears N. 53° 25', W. 62 lks.

An oak U.S.L.M. No. 137 H.E.S. heretofore described, 188 sq. ft. 1/4 S.W. cor. quarter bay, sec. 7, T. 11 N., R.

Bears N. 71° 50', E. 6.18 chs.
Chains 1/4 sec. cor. on west bdy. Sec. 9, T. 11 N., R. 12 E., hereby described, are 85°.

Lat. 34° 22' 15" N., Long. 111° 51' 50" W. Derived from special instructions from the Surveyor General.

THENCE N. 26° 08' E. 1.65 H. Along E. slope through timber. 3.70 H. Wire fence, bears NW. and SE. 1.80 H. Trail to A. L. Haught's ranch, bears NW. and SE.

15.60 H. Desc. NE. slope to bottom gulch 75 ft. 18 H. Bottom gulch, 20 lks. wide, 75 ft. deep, course SE., asc. SW. slope 75 ft. to ridge. 3.1 H. Ridge 75 ft. high, bears NW. and SE. 18 H. Desc. NE. slope 50 ft. to bottom gulch. 5.6 H. Bottom gulch, 15 lks. wide, 50 ft. deep, course SE. Asc. SE. slope 50 ft. to ridge. 9.0 H. Down 2 doz.

28.70 H. Ridge, 50 ft. high, bears NW. and SE. 18 H. Desc. E. slope 50 ft. to creek. 12.00 H. Over level ground.

29.80 H. Creek, 20 lks. wide, course SE. 18 H. Over level ground.

30.30 H. Junction 2 creeks, bears N. 63° 52' W. 50 lks.

36.20 H. Asc. bank 50 ft. high, bears N. and S. over level ground.

37.50 H. Top bank, 50 ft. high, bears N. and S. over level ground.

39.52 H. To cor. No. 2.

Identical with cor. No. 3, as list, which is a sandstone 6 x 12 x 3 ins. marked and witnessed as described by the Forest Service. Destroy same and set a sandstone 24 x 12 x 6 ins. 14 ins. in ground, over marked stone, chiseled 2-HES137 on SSE. face, and raise mound of stone 2 ft. base, 1-1/2 ft. high SSE. of cor., whence:
<table>
<thead>
<tr>
<th>Chains</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>An oak 16 ins. dia., scribed 2 H E S 137 B T</td>
<td>Thence S. 55° 51' E.</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

*Over level ground, through scattered timber.*

<table>
<thead>
<tr>
<th>Distance</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>Enter cultivated field, bears N. 36° 30' E. and S. 36° 30' W.</td>
</tr>
<tr>
<td>4.00</td>
<td>Leave cultivated field, bears S. 14° 0' W. and N. 23° 30' W.</td>
</tr>
<tr>
<td>6.50</td>
<td>Enter cultivated field, bears N. 20° E. and S. 30° W.</td>
</tr>
<tr>
<td>7.50</td>
<td>Leave cultivated field, bears N. 20° E. and S. 30° W.</td>
</tr>
<tr>
<td>9.80</td>
<td>Desc. S. slope 25 ft. to bottom gulch.</td>
</tr>
<tr>
<td>12.60</td>
<td>Bottom gulch, 15 lks. wide, Course E. Asc. NE. slope 25 ft. to top ascent.</td>
</tr>
<tr>
<td>17.50</td>
<td>Top ascent, bears E. and W. Descend E. slope 50 ft. to wash.</td>
</tr>
<tr>
<td>18.90</td>
<td>Wash, 15 lks. wide, 20 ft. deep, course S., over level bottom.</td>
</tr>
<tr>
<td>19.60</td>
<td>Enter cultivated field, bears N. 4° W. and S. 4° E.</td>
</tr>
<tr>
<td>24.90</td>
<td>Leave cultivated field, bears N. 2° 30' E. and S. 2° 30' W.</td>
</tr>
<tr>
<td>21.50</td>
<td>Wire fence, bears N. 26° W. and S. 26° E.</td>
</tr>
<tr>
<td>23.25</td>
<td>Wash, 15 lks. wide, 4 ft. deep, course SW. Asc. W. slope 15 ft.</td>
</tr>
<tr>
<td>24.90</td>
<td>To cor. No. 2.</td>
</tr>
</tbody>
</table>

Identical with cor. No. 2 of list, which is a sandstone 10 x 8 x 8 ins. above ground, marked and witnessed as described by the Forest Service. Destroy same and set a sandstone 24 x 8 x 8 ins. 14 ins. in ground, over marked stone, chiseled 3-HES127 on SW. face, raise mound of stone 2 ft. base, 1-1/2 ft.
<table>
<thead>
<tr>
<th>Chains</th>
</tr>
</thead>
<tbody>
<tr>
<td>H. High, SW. of cor., whence: 1 1/4 mi. N. of 33</td>
</tr>
<tr>
<td>An oak 12 ins. dia., scribed 3 H B S 137 B T,</td>
</tr>
<tr>
<td>bears S. 35° 50' W. 40 lks. 590 ft.</td>
</tr>
<tr>
<td>An oak 12 ins. dia., scribed 3 H B S 137 B T,</td>
</tr>
<tr>
<td>bears S. 42° 45' E. 49 lks.</td>
</tr>
</tbody>
</table>

At noon cloudy no lat. obs. possible. 2 m. east.

| Thanee S. 34° 20' W. 1/4 mi. half boreville round |
| Along NW. slope, through scattered timber. |
| 0.80 Wire fence, bears N. 74° W. and S. 74° E. |
| 4.60 Cor. worm fence, bears N. 17° E. and S. 54° W. |
| 8.40 Cor. worm fence, bears N. 55° 40' W. 50 lks. |
| 10.00 Cor. worm fence, bears S. 55° 40' W. 20' lks. |
| 14.90 Bottom small gulch, 2.00 rds. wide, 25 ft. deep, course NW. |

28.00 Desc. SW. slope 50 ft. to bottom gulch.
30.00 Bottom gulch, 15 lks. wide, 50 ft. deep, course NW.

40.50 SW. side gulch, leave gulch. Along NW. slope.
38.00 Desc. W. slope 40 ft. to bottom gulch.
40.50 Bottom gulch, 25' lks. wide, course S. Along bottom gulch.
41.90 Leave bottom gulch. Asc. NW. slope 30 ft.
43.79 To cor. No. 4.

Identical with cor. No. 1 of list, which is a sandstone 10' x 8' x 6 ins. above ground, marked and witnessed as described by the Forest Service. Destroy same and set a sandstone 24' x 10' x 6 ins., 14 ins. in ground, over marked stone, chiseled 4-HS137 on N. face; raise mound of stone 2 ft. base, 1-1/2 ft. high, N. of cor., whence:

A pine 14 ins. dia., scribed 4 H B S 137 B T, |
| bears N. 9° 25' W. 130 lks. |
south end.

Thence N. 42° 16' W.

Descent NW, slope 30 ft. to bottom gulch, through scattered timber.

1.10 Bottom gulch, 25 lugs. wide, course SW. Asc. SW. slope 50 ft. to top ascent.

2.10 Top ascent, bears NE. and SW., over level ground.

6.00 Descent NW. slope 50 ft. to Tonto Creek, bears NE. and SW.

6.50 Tonto Creek, 25 lugs. wide, banks 5 ft. deep, course SW.

Over level bottom.

7.90 Center corral, bears S. 47° 44' W. 80 lugs.

8.10 Wire fence, bears N. 12° E. and S. 12° W.

8.20 Asc. SW. slope 30 ft. to top ascent.

8.50 Center corral bears S. 47° 44' W. 1.80 chs.

10.00 Top ascent, 30 ft. above Tonto Creek, bears NE. and SW.

Asc. gradual slope to cor.

12.10 Road, from Henry P. Haught's to Sam Haught's ranch, bears E. and W.

13.00 Wire fence, bears N. 76° W. and S. 76° E. Enter cultivated field.

15.90 Wire fence, bears N. 20° W. and S. 20° E. Leave cultivated field.

16.40 Wash 18 lugs. wide, 5 ft. deep, course SW.

17.90 Center corral bears N. 47° 44' E. 65 lugs.

19.87 To cor. No. 1 and the place of beginning.

Area

Total area H. E. S. No. 137 ------------ 91.03 acres.

Improvements.

The improvements made upon or for the benefit of this
Chains of claim, by the claimant or his grantors, consist of the following:

A log house, the SW. cor. of which bears from cor. No. 1 S. 68° 30' E., 9.10 chs. 24 x 28 ft. long side bears N. 78° W. Value $100.00

A log house, the NW. cor. of which bears from cor. No. 1 S. 62° 10' E. 9.15 chs. 24 x 28 ft. long side bears N. 18° E. Value $200.00

A log cabin, the NW. cor. of which bears from cor. No. 1 S. 60° 30' E. 10.50 chs. 15 x 18 ft. long side bears E. and W. Value $50.00

A log cabin, the NW. cor. of which bears from cor. No. 1 S. 58° 15' E. 10.65 chs. 9 x 15 ft. long side bears N. and S. Value $25.00

A log cabin, the NW. cor. of which bears from cor. No. 1 S. 60° 45' E. 11.15 chs. 15 x 16 ft. side bears N. and S. Value $10.00

A circular corral, the center of which bears from cor. No. 1 S. 48° 05' W. 7.95 chs. 30 ft. dia., outside of claim. Value $50.00

A log blacksmith shop, the SE. cor. of which bears from cor. No. 4, N. 6° 15' W. 8.90 chs. 8 x 10 ft. long side bears N. and S. Value $10.00

A circular corral, the center of which bears from cor. No. 4, N. 54° 15' W. 8.70 chs. 60 ft. dia. outside of claim. Value $50.00

An old corral, the center of which bears from cor. No. 1 S. 66° 45' E. 2.50 chs. 100 ft. dia. Value $10.00

About 3/4 mile wire and worm fence. Value $50.00

Total estimated value of improvements $555.00
Claimant also has approximately 14.5 acres under cultivation, about .5 acre of which is outside of claim.

DESCRIPTION.
This claim is situated in small valley of Tonto Creek. The NW. and SE. parts of the claim are rough. That part lying between Tonto Creek and the arroyo and Gulch which traverses the SE. part of the claim, is fairly level bottom land. The SW. cor. of claim is also level.
The claim is covered with oak, cedar, juniper and pine, there being some merchantable timber.
Water is supplied by the Tonto for domestic purposes, the natural precipitation being depended upon to raise crops.
The claim is chiefly used for agricultural purposes and appears to be chiefly valuable for such.
No mineralization was observed or known on claim.

CONFLICTS AND ADJOINING CLAIMS.
No conflicting or adjoining claims known. H. E. S. No. 136 is situated northwesterly about 1-1/2 miles.
The nearest settlement and postoffice is Payson, Arizona, located southwesterly about 40 miles by road.

TRAVERSE.

<table>
<thead>
<tr>
<th>No.</th>
<th>Course</th>
<th>Dist.</th>
<th>N</th>
<th>S</th>
<th>E</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>NE. 26° 08' E.</td>
<td>39.52</td>
<td>35.46</td>
<td>17.41</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-3</td>
<td>SE. 55° 51' E.</td>
<td>24.90</td>
<td>13.98</td>
<td>20.61</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-4</td>
<td>SE. 34° 20' W.</td>
<td>43.79</td>
<td>13.16</td>
<td>24.70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-1</td>
<td>NE. 42° 16' W.</td>
<td>19.87</td>
<td>14.70</td>
<td>15.56</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

188.08 50.18 50.14 38.02 38.06

50.14 38.02

Error in Lat. and Dep. .04 .04

Error of closure 1:2865.
Any discrepancy between these field notes and those of the listing survey is due to error in the latter.

W. H. Finigan
Forest Service Surveyor.
<table>
<thead>
<tr>
<th>N. ACRES</th>
<th>S. ACRES</th>
<th>D. W.</th>
<th>S. W.</th>
<th>N.</th>
<th>S.</th>
<th>E.</th>
<th>W.</th>
</tr>
</thead>
<tbody>
<tr>
<td>176.89</td>
<td>617.69</td>
<td>127.36</td>
<td>242.92</td>
<td>127.36</td>
<td>242.92</td>
<td>127.36</td>
<td>242.92</td>
</tr>
</tbody>
</table>

**TABLE I.**

- **State of Arizona**
- **Table of Homestead Entries No. 127**

Instructions:
1. Only those entries which are necessary for the purpose of the surveying are required to be shown.
2. In the case of entries of this kind, the surveyor is instructed to make a record of the bearing and distance of each line.
3. The bearings shall be given in both north and south directions, and the directions of the bearings shall be marked in the proper column.

- **Compass Directions:**
  - N. 6° 05' 00" E.
  - N. 6° 05' 00" W.
  - S. 1° 20' 30"
  - S. 1° 20' 30" W.

- **Surveyor's Notes:**
  - Carried out in accordance to two different only.

**Remarks:**
- Carried out in accordance to two different only.

**Surveyor's Notes:**
- Carried out in accordance to two different only.

**Surveyor's Notes:**
- Carried out in accordance to two different only.
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 24, 1915.

The foregoing field notes of Homestead Entry Survey No. 137

executed by W. H. Finigan, Forest Service Surveyor
under his special instructions, dated November 29, 1913, 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 Arizona, has been correctly copied from the original notes on file in this office.

Frank S. Ingalls
U. S. Surveyor General.