FIELD NOTES
OF
HOMESTEAD ENTRY SURVEY NO. 530
SITUATED IN THE CORONADO NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3
In Section 13, Unsurveyed, Township 23 S., Range 16 E.
In Section 24, Unsurveyed, Township 23 S., Range 16 E.

of the
GILA AND SALT RIVER BASE AND Meridian.
State of
ARIZONA

Applicant for listing James Richards,
Residence Lowry, Arizona
Application No. 356, dated June 1, 1914
List No. 3-3366, dated September 26, 1914

Applicant for survey Samuel R. Prouty.
Residence Lowry, Arizona
K. E. No. 027025, dated March 22, 1915
Office
Land District Phoenix, Arizona

Survey executed by C. A. Long, Surveyor - Forest Service,
(Revised Service Corps)
Under special instructions dated March 28, 1917
Survey commenced May 10, 1917
Survey completed May 10, 1917
OATH OF ASSISTANTS

We hereby certify that we assisted C. A. Long, in surveying all those parts or portions of Homestead Entry Survey No. 530, 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.

Subscribed and sworn to before me this 10th day of May, 1917.

Surveyor – Forest Service.

OATH OF SURVEYOR

I, C. A. Long, Surveyor – Forest Service, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated March 28, 1917, 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. 3-3335, dated September 26, 1914, for the same to be known as Homestead Entry Survey No. 530, situated within the COROLADO National Forest, in

<table>
<thead>
<tr>
<th>Sect.</th>
<th>Township</th>
<th>Range</th>
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<td>13</td>
<td>23 S.</td>
<td>16 E.</td>
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<td>24</td>
<td>23 S.</td>
<td>16 E.</td>
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</table>

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.

Subscribed and sworn to before me this 30th day of November, 1916.

My Commission Expires March 17, 1921.
HOMESTEAD ENTRY SURVEY NO. 630
CORONADO NATIONAL FOREST
STATE OF ARIZONA

Chains


Situated in what will probably be when surveyed sec. 13 and 24 T. 23S., R. 1o E., Gila and Salt River Base and Meridian within the Coronado National Forest, Arizona.


Survey commenced May 10, 1917, and executed with a Buff and Buff transit No. 10520, 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.

May 10, 1917.

At Cor. No. 1 of the claim hereinafter described at 6h. 30m. 33s. p.m., I observe Polaris with telescope direct, reading an angle of 97° 00' 20" from star to right to a reference mark about 6 miles distant.

Latitude 31° 25' 15" N., Longitude 110° 39' 30" W., from U.S.G.S. sheet of Nogales quadrangle.
Homestead Entry Survey No. 520
Coronado National Forest
State of Arizona

Chains
Greenwich M.T. U.C.Pol. May 10, 1917 10h. 18.3m. a.m.
Correction for longitude 1.2m.
M.T. U.C.Pol. May 10, 1917 10h. 17.9m. 12h. 00.0m.
Astron. M.T. U.C.Pol. May 9, 1917 22h. 17.7m.
Astron. M.T. of Obsn. May 9, 1917 10h. 39.0m.
Hour Angle 21.6m.
Azimuth of Pol. at Obsn. 1° 04' 23" W.
Bearing of reference mark S 84° 03' 53" E.
At the same point at 6h. 40m. 33" p.m., I again observe Polaris with telescope reversed, reading an angle of 97° 00' 30" from star to right to the same reference mark.
Astron. M.T. U.C.Pol. May 9, 1917 22h. 17.7m.
Astron. M.T. of Obsn. May 9, 1917 10h. 40.5m.
Hour Angle 22.6m.
Azimuth of Pol. at Obsn. 1° 02' 11" W.
Bearing of reference mark S 84° 03' 41" E.
The mean bearing of reference mark as determined from the two observations is S 84° 03' 47" E and to the corresponding meridian all the courses of this survey are referred.

May 10, 1917.

Retracement
Beginning at the cor. to secs. 13, 15, 19 and 24, T. 23 S. R. 9, 10 and 17 E. which is a sandstone 7 x 7 x 10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence South on a random line bet. secs. 19 and 24.

40.24 Fall 5 1/4cs. West of the 1/4 sec. cor. bet. secs. 19 and 24 which is a sandstone 10 x 6 x 6 ins. above ground firmly set, marked and witnessed as described by the Surveyor General.
### BOUNDARIES OF CLAIM

May 10, 1917.

Beginning at Cor. No. 1 and C C on line between Sec. 13 and 16.

Deposit a porphyry stone 1 x 4 x 4 ins. marked with a + 24 ins. in the ground, over which set an iron post, 2 ins. dia. 36 ins. long with brass cap, marked 1917 on S. H E S 530 on S.W. quadrant and C C on closing line. Raise a mound of stone 4 ft. base 2 ft. high W. of cor., whence:

- A white oak 12 ins. dia. bears S. 80° 22' W., 184 lbs. dist.
- A white oak 8 ins. dia. bears N. 59° 23' W., 76 lbs. dist.

Each blazed and scribed C C I H E S + 530 E.

The cor. to secs. 13, 16, 19 and 24 heretofore described bears S. 0° 04' E., 10.05 chs. dist.
The 1/4 sec. cor. bet. secs. 13 and 18 hereto-
fore described bears N. 0° 04' W., 30.16 chs.
dist.

Cor. R-4 of the list survey, which is a granite
stone, 6 x 8 x 14 ins. above ground, marked and
witnessed as described by the Forest Service,
bears S. 87° 15' E., 7 lbs. dist. I destroy
all trace of this list cor.

The observed mag. dec. at 6 p.m. is 13° 00' E.,
which corrected for diurnal change gives a mean mag.
variation of 13° 01' E.

Latitude 31° 28' 16" N. Longitude 110° 39' 30"
W., from U.S.G.S. sheet of Nogales
quadrangle.

Thence S. 0° 04' E.
Along line between secs. 13 and 18, and along W. bdy
of the claimant's tract described by legal subdiv-
isions.

Descend 60 ft. to cor. over gradual S. slope thru scat-
tering oak brush.

9.50 Line of fence posts bears E. and W.

10.05 The cor. to secs. 12, 18, 19 and 24, heretofores describ-
ed leave W. bdy of the claimant's tract described
by legal subdivisions, and continue along W. bdy of
list No. 3 - 1418, of Charles A. Miller, Serial
022486.

10.15 Road bears E. and W.

10.55 Wire fence bears E. and W., thence along E. side and
5 lbs. distant from wire. Fence bearing with line.

20.11 To cor. No. 2 and C C on line bet. secs. 19 and 24.

Identical with Cor. 6 of H E S 304, which is a por-
phyry stone 8 x 12 x 10 ins. above ground, firmly
set, and marked. C C on W. 6 H E S 304 on SW. and a +
on top, with pits 24 x 18 x 12 ins. N. 0° 04' W. and
S. 0° 04' E. 3 1/2 ft., distant and N. 89° 50' W.
Chains

7 ft. dist., with mound of earth 4 ft. base, 2 ft. high, 3 1/2 ft. W. of Cor. I mark same stone 2 H E S 530 on NW. face for Cor. No. 2 of this survey.

No bearing trees or objects available.
The 1/4 sec. cor. bet. secs. 19 and 24 herefore described bears S. 0° 04' E. 50.16 chs. dist

Thence N. 89° 50' W.
Along line 3-5 of H E S 304.
Ascend 10 ft. to cor. thru dense oaks brush, along S. side of wire fence, 5 lks. dist.

10.00
To Cor. No. 3, and also Cor. No. 2 of H E S 523.
Identical with cor. H-2 of List 3-2325 and Cor. H-1 of List 3-2282 which is a granite stone, 5 x 8 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a limestone 1 x 2 x 3 ins. marked with a + 24 ins. in the ground, over which set an iron post, 2 ins. dia. 36 ins. long, with brass cap marked 1917 on S., 3 H E S 530 on H.E. quadrant, and 2 H E S 523 on NW. quadrant and H E S 304 on S. half.

No bearing trees or objects available. Therefore, dig pits 18 x 18 x 12 ins. crosswise on each line N. 0° 20' E., S. 89° 50' E. and N. 89° 50' W., 3 1/2 ft. dist. and raise mounds of earth 4 ft. base, 2 ft. high NE. and NW. 3 1/2 ft. dist.

Cor. No. 3 H E S 304 which is also Cor. No. 3 H E S 523 a porphyry stone 4 x 12 x 10 ins. above ground marked 5 H E S 304 on SE. and 3 H E S 523 on NW. face, bears N. 89° 50' W., 10.01 chs. dist; by direct measurement.

Thence N. 0° 20' E.
Along line 2-1 of H E S 523.
Chains

Ascend 50 ft. to cor. over gradual S. slope thru scattering oak brush.

0.06 Wire fence bears E. and W., continue along E. side of wire fence, 2 lks. dist.

9.50 Cross to W. side of wire fence.

10.00 To Cor. No. 1 of R.E.S 523.

A granite stone 8 x 14 x 10 ins. above ground chiseled + for the point and 1 H E S 523 on SW. Face:

With a mound of stone 3 ft. base 2 ft. high, SW. of cor.

10.15 Wire fence bears E. and W., leave fence.

10.35 Road bears E. and W.

20.05 To cor. No. 4.

Deposit a porphyry stone, 3 x 4 x 4 ins. marked with a + 24 ins. in the ground; over which set an iron post 2 ins. dia. 36 ins. long with brass cap, marked 1917 on S., and 4 H E S 550 on S.E. quadrant.

Raise a mound of stone 3 ft. base 2 ft. high SE. of cor., whence;

A white oak 8 ins. dia. bears S. 31° 36' E., 160 lks. dist.

A white oak, 6 ins. dia. bears S. 36° 07' W., 83 lks. dist.

Each blazed and scribed 4 H E S + 530 B T.

Cor. H-5 of the list survey, which is a granite stone 4 x 4 x 6 ins. above ground marked and witnessed as described by the Forest Service, bears S. 0° 20' W., 10 lks dist. I destroy all trace of this list cor.

Thence N. 89° 57' E.

Descend 30 ft. to cor. on gradual SE. slope thru scattering oak.

9.87 To Cor. No. 1, the place of beginning.
TOTAL AREA

19.97 acres.

IMPROVEMENTS.

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

An adobe house 12 x 18 ft. Course of long sides E. and
W., the SW. cor. of which bears N. 2° 38' E., 7.90
cha. dist. from Cer. No. 3.

Value ........................ $75.00

1/2 mile of wire fence.

Value ........................ $50.00

Total value of improvements ........................ $125.00

DESCRIPTION.

This claim is located on mesa land. There is no timber,
water or evidence of mineral on the claim. The
soil is a brown adobe, second rate; none of the area
is farmed.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts. This claim is joined on the
East by legal subdivisional portion of claimant's
entry, embraced in List 3 - 5355 and particularly
described as follows:

S/2 SW/4 SW/4 and W/2 SW/4 SW/4 Sec. 18 T. 23 S.R. 17
E., and by List 5 - 1418, Chas. A. Miller, H. E.
022499. On the S. by H. E. S. 304 and on the W. by
H. E. S. 523.

Howry, Arizona, Post Office, is two miles in a westerly
direction. Patagonia, Arizona, the nearest rail-
way station, is 13 miles in a northwesterly direc-
tion, and is reached by a good wagon road.
### TRAVERSES

<table>
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<th>Cor.</th>
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<th>N.</th>
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<td>1-2</td>
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<td>.12</td>
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<td>4-1</td>
<td>N. 89° 57' E.</td>
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Error in Lat. and Dep.  | .02 | .01 |
Closing error, 1: 2686  |     |     |
Survey Completed May 10, 1917

Surveyor - Forest Service
### TABLE 508

**CORNERS.** | **BEARING.** | **DISTANCE.** | **LATITUDES.** | **DEPARTURES.** | **DOUBLE M. D.** | **N. AREAS.** | **S. AREAS.**
--- | --- | --- | --- | --- | --- | --- | ---
1-2 | S. 0° 04' E | 20.11 | 20 11 | 02 | 19 99 | 402.20 | 20 30 41
2-3 | N. 89° 50' W | 10.00 | 08 | 10 00 | 10 00 | 241.00 | 241 241
3-4 | N. 0° 00' E | 20.09 | 20 09 | 12 | 12 | 241 241 | 241 241
4-1 | N. 89° 57' E | 9.87 | 01 | 10 11 | 10 11 | 241 241 | 241 241

**Closing Error 1:2886**
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, April 10, 1920

The foregoing field notes of Homestead Entry Survey No.

530

executed by C. A. Long, Surveyor,

under his special instructions, dated March 25, 1917, 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 P. TROTIII
U. S. Surveyor General.