FIELD NOTES
OF HOMESTEAD ENTRY SURVEY NO. 193
SITUATED IN THE
SITGREAVES NATIONAL FOREST
ADMINISTRATIVE DISTRICT NO. 3

in Section 6, unsurveyed, Township 12 N., Range 14 E.,
Section 7, unsurveyed, Township 12 N., Range 14 E.,
Section 6, unsurveyed, Township 12 N., Range 14 E.

of the
Gila and Salt River Base and Meridian.
ARIZONA

Survey executed by Walter G. Turley, Surveyor - Forest Service
Under special instructions dated June 10, 1914
Survey commenced July 1, 1914
Survey completed July 2, 1914

Applicant for listing Thos. E. Dye,
Residence Winslow, Arizona
Application No. 176 dated December 17, 1909
List No. B-687 dated June 17, 1910
List No. 21142 dated August 22, 1910
List No. 21142 dated February 20, 1911
Applicant for survey Thos. E. Dye,
Residence Winslow, Arizona
H. E. No. 012517 dated December 30, 1910
H. E. No. 015867 dated January 29, 1912
Land district Phoenix, Arizona
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. 193, in unsurveyed Section 6, Township 12 N., Range 14 E., and unsurveyed Section 7, Township 12 N., Range 14 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.

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

Subscribed and sworn to before me this ______ day of November, 1914.

[Signature]

Charles H. Johnson, Chairman.
Charles R. Bache, Chairman.

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 June 10, 1914, 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 of embraced in Lists No. 3-6279, No. 3-1142, dated Aug. 22, 1910 & Feb. 20, 1911 for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 193, situated within the Sitgreaves National Forest, in unsurveyed Section 6, Township 12 N., Range 14 E., and unsurveyed Section 7, Township 12 N., Range 14 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.

Subscribed and sworn to before me this ______ day of

[Signature]

[Seal]

[Date]
HOMESTEAD ENTRY SURVEY NO. 193

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, Thos. E. Dye; Application No. 176, dated December 17, 1909 and June 17, 1910; Lists No. 3-627, dated August 22, 1910 and 3-1142, dated February 20, 1911; Homestead Entry Nos. 012517 and 012567, made in the Phoenix Land Office on December 30, 1910 and January 29, 1912, respectively, by Thos. E. Dye of Winslow, Arizona.


Situated in what will probably be, when surveyed, secs. 6 and 7, T. 12 N., R. 14 E., Gila and Salt River Base and Meridian, within the Sitgreaves National Forest, Arizona.

Survey commenced July 1, 1914 and executed with a W. and L. E. Gurley light mountain transit No. 12953 with vertical circle and Burt solar attachment. The horizontal limb of the transit is provided with 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.

The distances were horizontal and were reduced from measurements made on the slope with a 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
At 9h. 45m. p.m., l.m.t., I observe Polaris with telescope direct, at cor. R-7 of List 3-1142, which is a white sandstone 12 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service, and mark the direction thus determined with a tack in a stake set 5.00 chs. N. of my station.

Astron. l.m.t. obsn., June 30, 1914, 33h. 45.0m.

Hour angle Pol. at obsn., 14h. 51.8m.

23h. 56.1m.

Time Argument. 9h. 04.3m.

Azimuth of Pol. at obsn., 0° 57' 18" E.

Lat. 54° 27' 36" N., Long: 110° 55' 23" W.

At 10h. 00m. p.m., l.m.t., on the same date, I observe Polaris at cor. R-7 of List 3-1142, heretofore described, with telescope reversed in altitude and azimuth; and mark the direction thus determined with a tack in a stake set 5.00 chs. N. of my station.

Astron. l.m.t. obsn., June 30, 1914, 34h. 00.0m.

Hour angle Pol. at obsn., 25h. 06.8m.

23h. 55.1m.

Time Argument, 8h. 49.3m.

Azimuth Pol. at obsn., 1° 01' 06" E.

July 1, 1914.

July 2, 1914. I turn off 0° 57', the azimuth of Polaris, to the W.
HOMESTEAD ENTRY SURVEY NO. 193
SITGREAVES NATIONAL FOREST
STATE OF ARIZONA

<table>
<thead>
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<th>Chains</th>
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<tr>
<td>from her direction at 9h. 45m., p.m., l.m.t., July 1, 1914; and mark the line thus determined with a tack in a stake set 5.00 chs. N. of my station.</td>
</tr>
<tr>
<td>I also turn off 1° 01', the azimuth of Polaris, to the W. from her direction at 10h. 00m., p.m., l.m.t., July 1, 1914; and mark the line thus determined with a tack in a stake set 5.00 chs. N. of my station.</td>
</tr>
<tr>
<td>This line falls 0° 00' 18&quot; of measured arc to the ad of W. of the line previously established. I mark the mean of these two lines with a tack in a stake set 5.00 chs. N. of my station, and from the corresponding meridian all the courses of this survey were deflected.</td>
</tr>
</tbody>
</table>

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At 8h. 00m., s.m., l.m.t., on the same date, I set off 22° 06'-1/2" N. on the decl. arc and 24° 27'-1/2" on the lat. arc and determine a meridian with the solar at cor. H-7 of List 3-1142, heretofore described, and my line of sight falls 0° 00' 08" of measured arc to the W. of the meridian established by me at this point, from Polaris observations made July 1, 1914, and marked upon the ground as heretofore described.

| Lat. 34° 27' 52" N. and Long. 110° 55' 26" W. at the S. C. of T. 13 N., R. 13 and 14 E., Gila and Salt River Base and Meridian, obtained from the special instructions of the Surveyor General, which gives Lat. 34° 27' 38" N. and Long. 110° 55' 23" W. at cor. No. 1 of this survey. |

With 25° 04'-1/2" N. set off on the decl. arc, and the
Chains.

line of collimation of the main telescope lying in the plane of the meridian, I observe the sun upon the meridian with the solar attachment for latitude and note the time at cor. No. 1. I obtain a reading of 34° 27-1/2'.

On the lat., arc and note that the sun crossed the 12 M hour circle of the solar attachment at 12h. 03m. 44s., p.m., watch time. Therefore, my watch is not correct for l.m.t. by 00 00. 00 and I adjust

and observe the magnetic declination at cor. No. 1 to be 15° 05' E. at 8h. 00m., a.m., 1.m.t., which gives a magnetic mean magnetic declination of 15° 01' E. 00 00. 00.

Thence S. 11° 41' E.

To a tie from the S. C. of T. 13 N., Rs. 13 and 14 E., a tie which is a pine tree 18 ins. dia., blazed and scribed S C T 13 N R 13 E S 26 B T bears N. 6° 00' W., 1 lks. dist. 17. 17 lks. dist. w.e. from a m. 1 lks. dist. p.ex. a m.

to a S C T 12 N B T bears S. 2° E., 24 lks. dist. 24 lks. dist.

to a S C T 12 N B T bears S. 32-1/2° W., 32 lks. dist. 32 lks. dist.

Note: This cor. does not agree with the description given by the Surveyor General, but I assume the cor. to be correct since I ascertain from the growth of the
tree at the cor. that it has been set for approximately twenty years. 2 T bears S. 81° 36′ W.

21.53 To Cor. No. 1.

Identical with cor. H-7 of List 3-1142 heretofore des-
cribed. I destroy cor. H-7 with its witnesses; and for cor. No. 1 of this survey, I set a limestone 28 x
10 x 7 ins., 18 ins. in the ground, over a marked stone chiseled (+) at the point and 1-HES193 on the S. face
and raise a mound of stone 2 ft. base, 1-1/2 ft. high
S. of cor. from which: 1-HES193 is set and 1-HES193

A pine 14 ins. dia., blazed and scribed

1 H E S 193 + B T bears S. 59° 45′ W., 82

A pine 26 ins. dia., blazed and scribed

1 H E S 193 + B T bears S. 87° 30′ E.,

Thence S. 26° 05′ E.

Descend SE, slope 15 ft. in scattering pine timber.

6.00 Creek, 6 lks. wide, banks 2 ft. high, course NE. Ascend

1-HW. slope 5 ft. tree 20 ins. blazed and scribed.

6.80 To Cor. No. 2. 1-HW. too to NW. at 21′-E., said

Identical with cor. H-6 of List 3-1142, which is an im-
bedded sandstone 36 x 24 x 12 ins. above ground, marked
and witnessed as described by the Forest Service. I destroy cor. H-6 with its witnesses; and, for cor.
No. 2 of this survey, I chisel (+) at the point and
2-HES193 on the W. face of the stone which was marked
for cor. H-6 and raise a mound of stone 2 ft. base,
1-1/2 ft. high W. of cor. from which:

A pine 20 ins. dia., blazed and scribed

2 H E S 193 + B T bears N. 18° 30′ W.,

44 lks.
Chains
306.50

A pine 28 ins. diam., blazed and scribed.

2 H E S 193 + B T bears N., 84°, 40' W.,

105 lbs.

Pits impracticable. V-H to 10 ft. Isolined.

x 66°

Thence S. 66° 00', W., thence N. 66° 00' to 10 ft. 100 etc.

Ascend 5 ft. over bottom, and 10 ft. 10 x 10.

0.05 Pole fence bears NW. and SE.

0.30 Spring branch, 2.1 kgs. wide, bank 1 ft. high, course NE.

1.85 Pole fence bears NW. and SE. line more, too to 10.

4.30 Wire fence bears NE. and SW. Enter field.

12.74 To Cor. No. 3. 3 E 3193 8 E H F.

Identical with cor. H-5 of List 3-1142 which is a sandstone 15 x 4 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-5 with its witnesses; and, for cor. No. 3 of this survey, I set a limestone 25 x 9 x 5 ins., 16 ins.

in the ground, over a marked stone chiseled (+) at the point and 3-HES193 on the NW. face, and dig pits crosswise on this and the succeeding course 7 ft. 00.6 dist. and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. NW. of cor. from which:

A pine 8 ins. diam., blazed and scribed.

Thence 3 H E S 193 + B T bears S. 25° 55' E.,

66 lbs. of beds into as nearest available

too to cor. A pine 14 ins. diam., blazed and scribed.

Thence 3 H E S 193 + B T bears S. 15° 15' W.,

191 lbs. to exit to east. Exit 0.3161

and 1/2 rod to balance a corner and H-5, 100.

Thence S. 19° 16' W., 100 to E and S. 1/4.1

Ascend 10 ft. over bottom in scattering pine timber.
Chains

2.10 Wire fence bears NE. and SW. Enter stock driveway.

6.35 Wire fence bears NE. and SW. Leave driveway and continue in pasture.

13.72 To Cor. No. 4.

Identical with cor. H-4 of List 3-1142 and cor. H-4 of List 3-627, which is a sandstone 12 x 3 x 8 ins., above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-4 with its witnesses; and, for cor. No. 4 of this survey, I set a limestone 28 x 12 x 9 ins., 18 ins. in the ground, over a marked stone, chiseled (+) at the point and 4-HES193 on the NW. face and dig pits crosswise on this and the succeeding course 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. NW. of cor. from which:

A pine 26 ins., dia. blazed and scribed

4 H E S 193 + B T bears S. 29° E., 86 lbs.

A pine 18 ins. dia., blazed and scribed

4 H E S 193 + B T bears N. 71° 15' E., 34 lbs.

At this point I pass from List 3-1142 to List 3-627.

Thence S. 29° 01' W.

Along foot of SE. slope in edge of pine timber.

14.00 Forest Service telephone bears E. and W.

50.02 To Cor. No. 5.

Identical with cor. H-3 of List 3-627 which is a sandstone 10 x 4 x 5 ins. above ground marked and witnessed as described by the Forest Service. I destroy
HOMESTEAD ENTRY SURVEY NO. 193

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STATE OF ARIZONA

Chains
cor. H-3 with its witnesses; and, for cor. No. 5 of this survey, I set a limestone 30 x 9 x 7 ins., 20 ins. in the ground, over a marked stone, chiseled (+) at the point and 5-HES193 on the N. face and dig pits 24 x 24 x 12 ins., crosswise on this and the succeeding course 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. NW. of cor. from which:

A pine 26 ins. dia., blazed and scribed 5 H E S 193 + B T bears S. 41° E. 84 1ks.

A pine 24 ins. dia., blazed and scribed 5 H E S 193 + B T bears N. 86° 30' E., 89 1ks.

Thence N. 64° 15' W.

Over bottom in which the water course is not defined.

4.90 Wire fence bears NE. and SW.

5.00 To Cor. No. 6.

Identical with cor. H-2 of List 3-627, which is a sandstone 10 x 3 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-2 with its witnesses; and, for cor. No. 6 of this survey, I set a limestone 26 x 12 x 5 ins., 16 ins. in the ground, over a marked stone, marked (+) at the point and 6-HES193 on the ENE. face, and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course, 8 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. ENE. of cor. from which:
Chains

be a pine 28 ins. dia., blazed and scribed
16 H.E S 193 E T. bears N. 21° 30' E.,
47 lks.

be a pine 18 ins. dia., blazed and scribed

Thence N. 28° 54' E. Along foot of SE. slope in edge of scattering pine
timber along wire fence.  ...

5.50 Arroyo, 20 lks. wide, banks 10 ft. high, course NE.

33.50 Forest Service telephone line bears E. and W. until ...

50.94 To Cor. H-1 of List 3-627 and H-1 of List 3-1142, which is a sandstone 24 x 12 x 12 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-1. Continue descending 10 ft. along SE. slope. Leave List 3-627 and enter List 3-1142.

53.50 Wire fence cor. from which the fence bears E. and S. 28° 54' W.

58.00 Wire fence cor. from which the fence bears E. and W.

64.50 Arroyo, 20 lks. wide, banks 2 ft. high, course SE.

67.97 To Cor. No. 7. Identical with cor. H-8 of List 3-1142, which is a sandstone 14 x 4 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-8 and witnesses; and, for cor. No. 7 of this survey, I set a limestone 23 x 12 x 5 ins., 18 ins. in the ground, over a marked stone, chiseled (+) at the point and 7-HES193 on the SE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor. from which: read doing to 200 lks. and 3 ins. 3 ins. N.

114.87 too many ...
CHOMESTED ENTRY SURVEY NO. 193

SITREVEAVES • NATIONAL FOREST

STATE OF ARIZONA

Chains

60' A pine 20 ins. dia., blazed and scribed
8.107 H.E S. 193 + B.T. bears N. 16° 15' W.,
43 lks.

60' A pine 10 ins. dia., blazed and scribed


Pits impracticable.

Thence N. 55° 36' E. 8.55 lks.

Desend NE. slope 10 ft. in open.

Wire fence bears NW. and SE.

10.05 hds. Arroyo. 10 lks. wide, banks 8 ft. high, course SE.

Ascend S. slope 10 ft. x 31 x 63

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

AREA

Total Area

38.03 Acres.

IMPROVEMENTS

The improvements made upon and for the benefit of this homestead consist of the following:

A two-story log house 28 x 26 ft., the long side of which bears N. and S., and the NE. cor. of which bears S. 36° 30' W., 4.50 chs. dist. from cor. No. 1.

A log store house 16 x 14 ft., the long side of which bears N. and S., and the NE. cor. of which bears S. 47° 00' W., 3.40 chs. dist. from cor. No. 1.

A log tool house 12 x 12 ft., the long side of which bears N. and S. and the NE. cor. of which bears S. 48° 15' W.,

2.70 chs. dist. from cor. No. 1.

Value

$100.00
Homestead Entry Survey No. 193
Sitgreaves National Forest
State of Arizona

Chains
A log stable 42 x 40 ft., the long side of which bears E. and W. and the NE. cor. of which bears S. 31° 30'
W., 1.74 chs. dist. from cor. No. 1.

Value ------------------ $500.00

Approximately 2 miles of fence and corrals:

Value -------------------- $250.00

Approximately 20 acres cultivated.

Description
This claim is situated on the N. slope of the Mogollon mesa at an elevation of approximately 7,800 ft., and occupies a tract of land along Williams Draw, which drains northeasterly into Alder Canon.

This section is heavily timbered and a fringe of timber is included in this survey. Sufficient water for domestic purposes and for stock rises in the bed of Williams Draw, which runs upon the surface for a sufficient time each year to provide water to irrigate a garden.

The soil is a clay loam and adapted to raising any crop of the temperate zone. Claimant has raised good crops of grain, potatoes and garden. The slopes are stony but are agricultural in character.

I saw no indication of mineral upon this claim and no mining claims are known to have been located in this section, and no townsites are near.

There are no conflicts or adjoining claims.

Withdrawal for Waters Ranger Station is approximately one mile in a westerly direction.

Winslow post office and railway station is 51 miles by wagon road in a northeasterly direction.
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<thead>
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<th>Chains</th>
<th>July 2, 1914</th>
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<td>TRAVERSE</td>
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<td>Cor.</td>
<td>Course</td>
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<tr>
<td>1-2</td>
<td>S. 26° 06' W</td>
</tr>
<tr>
<td>2-3</td>
<td>S. 66° 00' W</td>
</tr>
<tr>
<td>3-4</td>
<td>S. 19° 16' W</td>
</tr>
<tr>
<td>4-5</td>
<td>S. 29° 01' W</td>
</tr>
<tr>
<td>5-6</td>
<td>N. 54° 15' W</td>
</tr>
<tr>
<td>6-7</td>
<td>N. 28° 54' E</td>
</tr>
<tr>
<td>7-1</td>
<td>N. 55° 36' E</td>
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Error in Lat. and Dep. | 0.07 | 0.00 |

Closing error, 1:2390.

Walter L. Hurley
Surveyor - Forest Service
### Table: Tabling and Calculations of Homestead Entry Survey No. 193, State of Arizona

<table>
<thead>
<tr>
<th>CORNERS</th>
<th>BEARING</th>
<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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<td>NORTH</td>
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<td>6-7</td>
<td>N. 28° 54' E.</td>
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</table>

**Area:**

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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.
3. In calculations of falling 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.

Thos. E. Dyer
Sitgreaves
APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 20, 1917.

The foregoing field notes of Homestead Entry Survey No. 193

executed by Walter G. Turley, Surveyor Forest Service under his special instructions, dated June 10, 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 E. Trott
U. S. Surveyor General.