

OCT-5 1916 179

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

DATE 10/5

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 190

SITUATED IN THE

SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

See 24 - T. 11 N. R. 15. E. in

Section 25, unsurveyed, Township 11 N., Range 15-1/2 E.

Section 30, unsurveyed, Township 11 N., Range 16 E.

~~Section 30, unsurveyed, Township 11 N., Range 16 E.~~

See Sitgreaves map, 1912

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 16, 1914
Survey completed July 18, 1914
Under Acts of June 11, 1906 and June 30, 1914.

Applicant for listing Mrs. Juan Baca,
Residence Heber, Arizona.
Application No. 378, dated August 7, 1912
List No. 3-2476, dated April 15, 1913
Applicant for survey Mrs. Juan Baca,
Residence Heber, Arizona.
H. E. No. 023354, dated January 5, 1914.
Land district Phoenix, Arizona.

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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. 190 in
 un surveyed Section 25, Township 11 N., Range 15-1/2 E.
 un surveyed Section 30, Township 11 N., Range 16 E.,
~~un surveyed Section 30, Township 11 N., Range 16 E.~~

of the G. & S.R.B. & 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 sur-
 vey 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 fur-
 nished 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.

Charles D. Hodson, Chairman
Charles K. Baecht, Chairman

Subscribed and sworn to before me this 12th day of
November, 1914.

Walter G. Turley
 Surveyor-Forest Service.

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 embraced in List No. 3-2476, dated April 15, 1913, and a tract of land upon the application of Mrs. Juan Baca, Application No. 378, dated August 7, 1912, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 190, situated within the Sitgreaves National Forest, in un surveyed Section 25, Township 11 N., Range 15-1/2 E., un surveyed Section 30, Township 11 N., Range 16 E., and ~~un surveyed Section 30, Township 11 N., Range 16 E.~~ of the G. & S. R. B. 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.

Walter G. Turley
 Surveyor-Forest Service.

Subscribed and sworn to before me this 16 day of
November, 1914.

My Commission Expires 4-6-1918 R. B. Callie



Notary Public

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Chains Applicant for listing, Mrs. Juan Baca, Application No. 378, dated August 7, 1912; List No. 3-2476, dated April 15, 1913; Homestead Entry No. 023354, made in the Phoenix Land Office on January 5, 1914 by Mrs. Juan Baca, whose post office address is Heber, Arizona. Also a tract of unlisted land adjoining claimant's entry on the northwest cor. was included in this survey. The land is agricultural in character, was desired by the entryman and will be listed as a basis for amendment of Entry No. 023354. Surveyed under the Acts of June 11, 1906 and June 30, 1914, also special instructions from the Surveyor General for Arizona, dated June 10, 1914, and designated as Homestead Entry Survey No. 190. Situated in what will probably be, when surveyed, sec. 25, T. 11 N., R. 15-1/2 E., and sec. 30, T. 11 N., R. 16 E., G. and S. R. B. and M., within the Sitgreaves National Forest, Arizona.

Survey commenced July 16, 1914, and executed with a W. and L. E. Gurley light mountain transit No. 12953, provided with prism eye piece, stadia wires, vertical circle and Burt solar attachment. The horizontal limb of the transit has 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. All distances are horizontal and were reduced from measurements made directly on the slope with a standard 500 link steel tape, graduated to links and tenths

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Chains and the slope angles determined with a clinometer, the vernier of which reads to degrees; and a Philadelphia stadia rod graduated to feet and hundredths, provided with two targets, the verniers of which read to thousandths of a foot.

July 16, 1914.

At 9h. 10m. p.m., l.m.t., in accordance with instructions,

I observe Polaris with my transit set up and telescope direct at a stake set firmly in the ground, identical

with the point at which cor. No. 1 of this survey will

be set, and mark the direction thus determined with a

tack in a stake set firmly in the ground 5.00 chs. N.

of my station, Lat. $34^{\circ} 18' 50''$ N., Long. $110^{\circ} 41' 31''$

W.

Astron. l.m.t. obsn., July 15, 1914, 33h. 10.0m.

Astron. l.m.t. U. C. Pol., July 15, 1914, 17h. 54.6m.

Hour angle Pol. at obsn., 15h. 15.4m.
23h. 56.1m.

Time argument, 8h. 40.7m.

Azimuth Pol. at obsn., $1^{\circ} 03' 15''$ E.

At 9h. 20m. p.m., l.m.t., on the same date, I again observe Polaris in accordance with instructions, at the point for cor. No. 1 of the survey, heretofore described, with my transit set up and telescope reversed in altitude and azimuth, and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

Astron. l.m.t. obsn., July 15, 1914, 33h. 20.0m.

Astron. l.m.t. U.C. Pol., July 15, 1914, 17h. 54.6m.

Hour angle Pol. at obsn., 15h. 25.4m.
23h. 56.1m.

Time argument, 8h. 30.7m.

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Azimuth Pol. at obsn., $1^{\circ} 05' 30''$ E.
July 16, 1914.

July 17, 1914.

I turn off $1^{\circ} 03'$, the azimuth of Polaris, to the W. from her direction at 9h. 10m. p.m., l.m.t., July 16, 1914, and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

I also turn off $1^{\circ} 05' 1/2''$, the azimuth of Polaris to the W. from her direction at 9h. 20m. p.m., l.m.t., July 16, 1914, and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. This line falls $0^{\circ} 00' 28''$ of measured arc to the W. of the line previously established. I mark the mean of these two lines with a tack in a stake set firmly in the ground 5.00 chs. N. of my station, and from the corresponding meridian all the courses of this survey were deflected by continuous sustained angulation.

Lat. $34^{\circ} 27' 58''$ N. and Long. $110^{\circ} 41' 31''$ W. at the S. C. to secs. 31 and 32, T. 13 N., R. 16 E., G. and S.

R. B. and M., obtained from the special instructions of the Surveyor General, which gives Lat. $34^{\circ} 18' 50''$ N. and Long. $110^{\circ} 41' 51''$ W. at cor. No. 1.

The sun was obscured at apparent noon and Polaris at culmination, therefore a latitude observation was not possible.

On July 16, 1914, by telephone, I compared my watch with the standard 105° meridian telegraphic clock and found it correct. I subtract 23 45 $22m. 46s.$ therefrom for l.m.t.

Chains

I observe the magnetic declination at cor. No. 1 to be $14^{\circ} 33'$ E. at 8h. 00m. a.m. l.m.t., on July 17, 1914, which gives a mean magnetic declination of $14^{\circ} 29'$ E.

Thence N. $53^{\circ} 12'$ E.

By direct measurement.

114.76 To U. S. L. M. No. 182, H. E. S., which is an embedded limestone 5 x 2 x 2 ft. above ground, chiseled (+) at the point and USLMN0182HES on the W. face, with a mound of stone 6 ft. base, 4 ft. high E. of cor., from which:

A 14 in. pine, scribed U S L M No 182 H E S, bears S. $55^{\circ} 55'$ W., 135 lks.

A 5 in. pine, scribed U S L M No 182 H E S, bears S. $71^{\circ} 30'$ E., 33 lks.

A 12 in. pine, scribed U S L M No 182 H E S, bears N. $24^{\circ} 15'$ E., 13 lks.

A 20 in. pine, scribed U S L M No 182 H E S, bears N. $33^{\circ} 20'$ W., 88 lks.

Junction of Turkey Creek and Black Canyon Creek bears N. $28^{\circ} 18'$ E., 27.58 chs. dist.

Point where Heber wagon road crosses Turkey Creek bears N. $52^{\circ} 48'$ E., 24.57 chs. dist.

Tract A.

Thence S. $53^{\circ} 12'$ W.

By direct measurement for a tie.

114.76 To cor. No. 1.

At which point I set a sandstone 26 x 10 x 7 ins., 16 ins. in the ground, over (+) on a stone 4 x 3 x 2 ins., chiseled (+) at the point and 1-HES190 on the SW. face; and raise a mound of stone 2 ft. base,

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Chains 1-1/2 ft. high SW. of cor. 8 from which:
 30 in. pine, scribed 1 H E S 190 + B T bears
 N. 26° 15' E., 32 lks. H-10
 22 in. pine, scribed 1 H E S 190 + B T bears
 N. 12° 15' E., 44 lks. (+)
 I destroy cor. H-10 of list 3-2476 and its witness, which
 is a sandstone, 12 x 6 x 6 ins. above ground marked
 and witnessed as described by the Forest Service, and
 bears S. 73° 36' W., 5.60 chs. dist. from cor. No. 1
 of this survey.

Thence S. 46° 00' W.,
 Over unlisted land in bottom through scattering pine
 timber.

8.00 To cor. No. 2.
 At which point I set a sandstone 26 x 10 x 9 ins., 16
 ins. in the ground over (+) on a stone, 4 x 3 x 3 ins.
 chiseled (+) at the point and 2-HES 190 on the NW. face;
 and raised a mound of stone 2 ft. base, 1-1/2 ft. high
 NW. of cor. from which:
 A 20 in. pine, scribed 2 H E S 190 + B T bears
 N. 55° 15' W., 178 lks.
 An 8 in. pine, scribed 2 H E S 190 + B T bears
 N. 61° 15' E., 117 lks. (+)

Note: This cor. is on the line bet. cors. H-1 and H-10
 of List 3-2476.

Enter listed land.
 Thence S. 5° 30' W.
 Over bottom in edge of scattering pine timber.

21.09 Right bank of arroyo 12 lks. wide, banks 3 ft. high,
 course NW. Ascend N. slope 10 ft.

27.69 To cor. No. 3.
 Identical with cor. H-10 of List 3-2476, which is a

Chains

sandstone 7 x 3 x 5 ins. above ground marked and
witnessed as described by the Forest Service. I de-
stroy cor. H-10 and its witnesses and for cor. No. 3
I set a sandstone 26 x 9 x 8 ins., 16 ins. in the
ground over (+) on a stone 3 x 3 x 2 ins. chiseled
(+) at the point and 3-HES190 on the NW. face; and
raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW.
of cor., from which:
A 12 in. pine, scribed 3 H E S 190 + B T
bears S. 74° 35' W., 61 lks.
A 14 in. pine, scribed 3 H E S 190 + B T
bears N. 16° 45' E., 48 lks.

Thence S. 74° 23' W.

Descend W. slope 10 ft. in scattering pine timber.

4.96 Ravine, course N. Ascend E. slope 20 ft.

14.46 To cor. No. 4.

Identical with cor. H-9 of List 3-2476, which is a
limestone 7 x 4 x 3 ins. above ground, marked and wit-
nessed as described by the Forest Service. I de-
stroy cor. H-9 and its witnesses, and for cor. No. 4
I set a sandstone 24 x 14 x 4 ins., 14 ins. in the
ground, over (+) on a stone 4 x 4 x 2 ins., chiseled
(+) at the point and 4-HES190 on the NW. face; and
raise a mound of stone 2 ft. base, 1-1/2 ft. high NW.
of cor. from which:

A 20 in. pine, scribed 4 H E S 190 + B T bears
S. 70° W., 4 lks.

A 20 in. pine, scribed 4 H E S 190 + B T
bears N. 65° E., 10 lks.

Thence S. 58° 10' W.

Ascend NE. slope 10 ft. in scattering pine timber.

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3.45 Ridge, bears N. and S. Descend W. slope 25 ft. in scattering pine timber.

19.57 To cor. No. 5.

Identical with cor. H-8 of List 3-2476, which is a sandstone 8 x 4 x 3 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-8 and its witnesses, and for cor. No. 15 of this survey I set a sandstone 24 x 14 x 9 ins., 14 ins. in the ground over (+) on a stone 3 x 3 x 2 ins., chiseled (+) at the point and 5-HES190 on the NNE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NNE. of cor., from which:

A 6 in. pine scribed 5 H E S 190 + B T bears S. 26° 30' W., 31 lks.

A 6 in. pine, scribed 5 H E S 190 + B T bears N. 58° 00' W., 16 lks.

Thence N. 7° 10' W.

Over bottom in scattering pine timber.

1.96 Right bank of arroyo, 15 lks. wide, banks 2 ft. high, course NE.

Ascend SE. slope 10 ft. in scattering pine timber.

9.57 To cor. No. 6.

Identical with cor. No. 7 of List 3-2476, which is a sandstone 8 x 4 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-7 and its witnesses, and for cor. No. 6 of this survey I set a sandstone 26 x 8 x 6 ins., 16 ins. in the ground over (+) on a stone 4 x 2 x 2 ins. chiseled (+) at the point and 6-HES190 on the E. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high E. of cor., from which:

A 24 in. pine, scribed 6 H E S 190 + B T bears S. 17° 05' W., 49 lks.

Chains. A 22 in. pine, scribed 6 H E S 190 + B T
 bears S. 68° 00' W., 74 lks.

Thence N. 35° 40' E.
 Descend E. slope 5 ft. in scattering pine timber.

12.15 To cor. No. 7.
 Identical with cor. H-6 of List 3-2476, which is a
 sandstone 12 x 3 x 5 ins. above ground, marked and wit-
 nessed as described by the Forest Service. I destroy
 cor. H-6 and its witnesses; and for cor. No. 7 of this
 survey I set a sandstone 26 x 9 x 6 ins., 16 ins. in
 the ground over (+) on a stone 3 x 3 x 3 ins., chisel-
 ed (+) at the point and 7-HES190 on the E. face, and
 dig pits 24 x 24 x 12 ins. crosswise on this and the
 succeeding course, 3-1/2 ft. dist., and raise a mound
 of earth 4 ft. base, 2 ft. high E. of cor., from
 which:
 A 16 in. pine, scribed 7 H E S 190 + B T
 bears S. 55° 30' W., 16 lks.
 A 14 in. pine, scribed 7 H E S 190 + B T
 bears N. 73° 05' E., 36 lks.

Thence N. 60° 15' W.
 Ascend SE. slope 25 ft. in scattering pine timber.

17.19 Ridge, bears NE. and SW.
 Descend NW. slope 20 ft. in scattering pine timber.

21.76 To cor. No. 8.
 Identical with cor. H-5 of List 3-2476, which is a
 sandstone 8 x 5 x 4 ins. above ground marked and wit-
 nessed as described by the Forest Service. I destroy
 cor. H-5 and its witnesses; and for cor. No. 8 of this
 survey I set a limestone 24 x 12 x 5 ins., 14 ins. in
 the ground over (+) on a stone 4 x 4 x 2 ins., chisel-
 ed (+) at the point and 8-HES190 on the N. face, and
 dig pits 24 x 24 x 12 ins. crosswise on this and the

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succeeding course, 3-1/2 ft. dist., and raise a mound
of earth 4 ft. base, 2 ft. high NW. of cor., from which:
A 26 in. pine, scribed 8 H E S 190 + B T
bears N. 7° 00' E., 29 lks.
A 24 in. pine, scribed 8 H E S 190 + B T
bears S. 52° 05' W., 79 lks.

Thence S. 32° 30' W.

Along NW. slope in scattering pine timber.

11.99 To cor. No. 9

Identical with cor. H-4 of List 3-2476, which is a
sandstone 8 x 6 x 5 ins. above ground, marked and wit-
nessed as described by the Forest Service. I destroy

cor. H-4 and its witnesses; and for cor. No. 9 of this
survey I set a sandstone 26 x 11 x 7 ins., 16 ins. in
the ground over (+) on a stone 3 x 3 x 2 ins., chisel-
ed (+) at the point and 9-HES190 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. dist. N. of
cor., from which:

A 6 in. pine, scribed 9 H E S 190 + B T
bears S. 82° 30' W., 60 lks.

A 6 in. pine scribed 6 H E S 190 + B T
bears N. 74° 30' W., 67 lks.

Thence N. 61° 15' W.

Descend NW. slope 5 ft. in scattering pine timber.

0.94 Ravine, course NE. Ascend SE. slope 25 ft. in scattering pine timber.

5.91. To cor. No. 10.

Identical with cor. H-3 of List 3-2476, which is a
sandstone 6 x 4 x 3 ins. above ground marked and wit-

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nessed as described by the Forest Service. I destroy
cor. H-3 and its witnesses, and for cor. No. 10 of this
survey, I set a sandstone 24 x 10 x 9 ins., 14 ins. in
the ground over (+) on a stone 4 x 3 x 2 ins., chisel-
ed (+) at the point and 10-HES190 on the E. face; and
raise a mound of stone 2 ft. base, 1-1/2 ft. high E.
of cor. from which:

A 26 in. pine, scribed 10 H E S 190 + B T
bears N. 19° 00' W., 29 lks.

A 22 in. pine, scribed 10 H E S 190 + B T
bears N. 15° 00' E., 24 lks.

Thence N. 36° 10' E.

Descend E. slope, 20 ft. in scattering pine timber.

9.94 Foot of slope, bears NW. and SE. Continue over bottom.

11.11 Forest Service telephone line (bears NW. and SE.)

12.92 Wire fence, bears NW. and SE. (+)

13.05 To cor. No. 11.

At which point I set a sandstone 24 x 14 x 6 ins., 14
ins. in the ground, over (+) on a stone, 4 x 4 x 2
ins., chiseled (+) at the point and 11-HES190 on the
SE. 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. dist. SE. of cor., from which:

A 4 in. aspen, scribed 11 H E S 190 + B T
bears S. 57° 32' W., 5 lks. dist.

A 32 in. pine, scribed 11 H E S 190 + B T
bears S. 45° 45' W., 72 lks. dist.

Cor. No. 7, Tract B. of this survey hereafter

described bears N. 36° 10' E., 57-1/2 lks. dist.

Thence S. 83° 30' E.

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Along South side of road reservation in List 3-2476.
Over bottom in undergrowth.

7.05 Leave bottom, bears N. and S. and ascend W. slope 5 ft.

8.28 To cor. No. 12.

At which point I set a sandstone 24 x 9 x 5 ins., 14 ins. in the ground over (+) on a stone 3 x 3 x 2 ins. chiseled (+) on the point and 12-HES190 on the SE. face, and dig pits 24 x 24 x 12 ins. crosswise on this and the succeeding course, and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist. SE. of cor., from which:

A 26 in. pine, scribed 12 H E S 190 + B T

bears S. 79° 30' W., 44 lks.

A 24 in. pine, scribed 12 H E S 190 + B T

bears S. 30° 00' E., 54 lks.

Thence N. 57° 00' E.

Descend 5 ft. along foot of NW. slope in scattering pine timber.

15.77 To cor. No. 13.

At which point I set a sandstone 26 x 12 x 6 ins., 16 ins. in the ground over (+) on a stone 4 x 4 x 2 ins., chiseled (+) at the point and 13-HES190 on the S. 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. dist. S. of cor., from which:

A 6 in. white oak, scribed 13 H E S 190 + B T

bears S. 65° 00' E., 27 lks.

A 9 in. white oak, scribed 13 H E S 190 + B T

bears S. 62° 30' W., 60 lks.

Thence S. 70° 30' E.

Chains

Along foot of slope in scattering pine timber.

6.05 To cor. No. 14.

At which point I set a sandstone 26 x 9 x 5 ins., 16 ins. in the ground, over (+) on a stone, 4 x 3 x 2 ins., chiseled (+) at the point and 14-HES190 on the S. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor., from which:

A 28 in. pine, scribed 14 H E S 190 + B T bears S. 53° 00' E., 22 lks.

A 16 in. pine, scribed 14 H E S 190 + B T bears S. 72° 30' W., 70 lks.

Thence N. 77° 15' E.

Descend NE. slope 10 ft. in open.

12.50 Right bank arroyo, 20 lks. wide, banks 2 ft. high, course SE.

13.92 Fence, bears NW. and SE.

14.80 Forest Service telephone line bears NE. and SW.

17.10 To cor. No. 15.

At which point I set a sandstone 26 x 7 x 6 ins., 16 ins. in the ground over (+) on a stone 3 x 3 x 2 ins., chiseled (+) at the point and 15-HES190 on the SSE. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SSE. of cor., from which:

A 5 in. pine, scribed 15 H E S 190 + B T bears N. 40° 25' W., 58 lks.

A 9 in. cottonwood, scribed 15 H E S 190 + B T bears S. 53° 40' E., 69 lks.

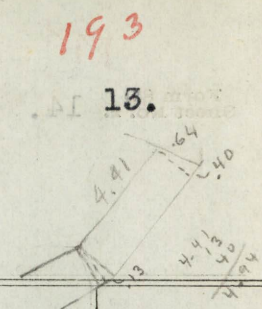
Thence N. 46° 32' E.

Descend 5 ft. over bottom.

2.82 Left bank Black Canyon Creek bed, 30 lks. wide, banks 3 ft. high, course N.

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4.94 Cor. No. 19, tract B., of this survey, hereafter described bears N. 81° 49' W., 64 lks. dist. Leave List 3-2476 and enter unlisted land.

9.67 To cor. No. 16.
At which point I set a sandstone 24 x 10 x 8 ins., 14 ins. in the ground, over (+) on a stone 4 x 3 x 2 ins., chiseled (+) at the point and 16-HES190 on the S. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high

S. of cor., from which:
A 24 in. pine, scribed 16 H E S 190 + B T bears S. 5° 00' W., 100 lks.
A 26 in. pine, scribed 16 H E S 190 + B T bears S. 17° 35' W., 104 lks.

Thence S. 67° 15' E.
Over bottom in scattering pine timber.
5.41 To cor. No. 1, the place of beginning.
July 17, 1914.

Tract B.
July 18, 1914.
Cor. No. 17.
At which point I set a sandstone 24 x 10 x 9 ins., 14 ins. in the ground, over (+) on a stone 4 x 3 x 3 ins. chiseled (+) at the point and 17-HES190 on the ENE. face, and dig pits 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. dist. ENE. of cor., from which:

A 4 in. aspen, scribed 17 H E S 190 + B T bears S. 47° 30' W., 63 lks.
A 32 in. pine, scribed 17 H E S 190 + B T bears S. 41° 30' W., 130 lks.

Chains

Cor. No. 11 heretofore described bears S. 36° 10' E. 10' W., 57-1/2 lks.

Thence N. 36° 10' E.

Over meadow in open.

1.96 Right bank of arroyo, 20 lks. wide, banks 6 ft. high, course NE.

4.98 Wire fence bears NE. and SW. Leave meadow and continue along foot of SE. slope in scattering pine timber.

21.38 To cor. No. 18.

Identical with cor. H-2 of List 3-2476, which is a limestone 12 x 4 x 10 ins., above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-2 and its witnesses, and for cor. No. 18 of this survey I set a sandstone 26 x 9' x 4 ins., 16 ins. in the ground over (+) on a stone 4 x 3 x 2 ins., chiseled (+) at the point and 18-HES190 on the SE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor., from which:

A 32 in. pine, scribed 18 H E S 190 + B T T bears S. 76° 00' E., 98 lks.

A 5 in. pine, scribed 18 H E S 190 + B T T bears S. 37° 45' W., 99 lks.

Thence S. 81° 49' E.

Over bottom in open.

0.39 Right bank of arroyo, 16 lks. wide, banks 3 ft. high, course SE. Leave bottom and ascend S. slope, 20 ft. in scattering pine timber.

29.15 Cease ascending and descend SW. slope, 35 ft.

31.99 Forest Service telephone line bears NE. and SW.

33.42 Left bank Black Canyon Creek bed, 55 lks. wide, banks 2 ft. high, course N.

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34.15

To cor. No. 19.

At which point I set a sandstone 24 x 15 x 7 ins., 14 ins. in the ground over (+) on a stone 3 x 3 x 3 ins. chiseled (+) at the point and 19-HES190 on the ESE. face, and raise a mound of stone 2 ft. base, 1-1/2 ft.

high ESE. of cor., from which:

A 6 in. pine, scribed 19 H E S 190 + B T bears S. 75° 45' W., 46 lks.

A 12 in. cottonwood, scribed 19 H E S 190 + B T bears S. 52° W., 67 lks.

Cor. H-1 of List 3-2476 bears S. 81° 49' E. 3.72 chs. dist.

Note: Cor. H-1 is destroyed.

S. 81° 49' E. 64 lks. to opposite side of road reservation.

Thence S. 46° 32' W.

Along N. side of road reservation through List 3-2476.

Ascend 10 ft. in scattering pine timber.

0.28 Right bank Black Canyon Creek bed, 72 lks. wide, banks 4 ft. high, course N.

4.41 To cor. No. 20.

At which point I set a sandstone 24 x 14 x 9 ins., 14 ins. in the ground over (+) on a stone 4 x 3 x 2 ins., chiseled (+) at the point and 20-HES190 on the

NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor., from which:

A 5 in pine, scribed 20 H E S 190 + B T bears S. 80° 30' W., 12 lks.

A 9 in. cottonwood, scribed 20 H E S 190 + B T bears S. 43° 30' E., 19 lks. dist.

Thence S. 77° 15' W.

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Chains

Descend S. slope 5 ft.

1.57 Forest Service telephone line bears NE. and SW.

3.06 Wire fence bears NW. and SE.

4.98 To left bank arroyo, 20 lks. wide, banks 2 ft. high,
course SE. Ascend N. slope 10 ft. in cultivated land.

16.82 To cor. No. 21.

At which point I set a sandstone 24 x 9 x 5 ins., 14
ins. in the ground over (+) on a stone 3 x 3 x 2 ins.
chiseled (+) at the point and 21-HES190 on the N.
face; and raise a mound of stone 2 ft. base, 1-1/2
ft. high N. of cor., from which:

A 30 in. pine, scribed 21 H E S 190 + B T

bears N. 25° 20' E., 64 lks.

A 22 in. pine, scribed 21 H E S 190 + B T

bears N. 64° 40' W., 61 lks.

Thence N. 70° 30' W.

Along N. slope in scattering pine timber.

6.15 To cor. No. 22.

At which point I set a sandstone 24 x 14 x 8 ins.,
14 ins. in the ground over (+) on a stone 4 x 3 x 2
ins., chiseled (+) at the point and 22-HES190 on the
N. face; and dig pits 24 x 24 x 12 ins., crosswise
on this and the succeeding course, 3-1/2 ft. dist.,
and raise a mound of earth 4 ft. base, 2 ft. high N.
of cor. from which:

A 9 in. white oak, scribed 22 H E S 190 + B T

bears S. 65° 00' E., 27 lks.

A 9 in. white oak, scribed 22 H E S 190 + B T

bears S. 62° 30' W., 60 lks.

Thence S. 57° 00' W.

Ascend along foot of NW. slope 5 ft. in scattering
pine timber.

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STATE OF ARIZONA

Chains
15.83

To cor. No. 23.

At which point I set a sandstone 24 x 12 x 10 ins., 14 ins. in the ground over (+) on a stone 4 x 4 x 2 ins., chiseled (+) at the point and 23-HES190 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, N. of cor., from which:

A 5 in. pine, scribed 23 H E S 190 + B T,
bears S. 20° 00' W., 45 lks.

A 5 in. pine, scribed 23 H E S 190 + B T,
bears N. 32° 30' W., 29 lks.

Thence N. 83° 30' W.

Descend NW. slope 5 ft. in scattering pine timber.

1.00 Leave slope, bears N. and S., and continue over bottom in undergrowth.

7.82 To cor. No. 17, the place of beginning.

AREAS.

Listed Area	- - - - -	157.03 Acres.
Unlisted Area	- - - - -	2.09 Acres.
		159.12 Acres.
Tract A	- - - - -	121.95 Acres.
Tract B	- - - - -	37.17 Acres.
Total Area	- - - - -	159.12 Acres.

IMPROVEMENTS.

The improvements made upon this homestead consist of the following:

A two story log stable, 24 x 22 ft., the long side extending N. and S. and the SE. cor. of which bears N. 82° 00' E., 3.01 chs. dist. from cor. No. 15.

Estimated value ----- \$250.00

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA

Chains A log shed, 42 x 30 ft., the long side extending E. and W. and the NW. cor. of which bears S: 78° 15' E., 2.10 chs. dist. from cor. No. 15.
Estimated value ----- \$100.00

A circular well, 3 ft. diameter and 20 ft. deep, the center of which bears S. 38° 30' W., 1.40 chs. dist. from cor. No. 15.
Estimated value ----- \$100.00

A log dwelling, 72 x 30 ft., the long side extending E. and W. and the NE. cor. of which bears S. 52° 00' W., 2.86 chs. dist. from cor. No. 15.
Estimated value ----- \$800.00

A stone cellar, 12 x 12 ft., the long side extending E. and W. and the NE. cor. of which bears S. 49° 00' W., 3.30 chs. dist. from cor. No. 15.
Estimated value ----- \$100.00

Approximately 2 miles of wire fencing.
Estimated value ----- \$200.00

Approximately 50 acres of cultivated land.

DESCRIPTION.

This claim is situated on the N. slope of the Mogollon mesa at an elevation of approximately 7,000 ft., and occupies a tract of bottom land along Black Canyon, which drains Northward.

This section is heavily timbered and a fringe of trees is included in this survey. Sufficient water for stock and domestic purposes is obtained from seeps along Black Canyon and from the well.

The bottom soil is a clay loam and produces the ordinary crops of the temperate zone, but is best adapted to the small grains, potatoes and sorghums, good crops of which have been raised without irrigation.

This section is not reported to be mineralized; and no

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SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains town-sites, mining, coal or oil claims are known to have been located near the homestead.

There are no conflicts or adjoining claims.

Withdrawal for Gentry Ranger Station is approximately one mile in a Southwesterly direction.

Heber post-office is 12 miles by wagon road in a North-easterly direction. Holbrook Railway Station is 62 miles by wagon road in a Northeasterly direction.

July 18, 1914.

TRAVERSE.

Tract A.

Cor.	Course	Dist.	N.	S.	E.	W.	
1-2	S. 46° 00' W.	8.00		5.56		5.75	
2-3	S. 5° 30' W.	27.69		27.56		2.65	
3-4	S. 74° 23' W.	14.46		3.89		13.93	
4-5	S. 58° 10' W.	19.57		10.32		16.63	
5-6	N. 7° 10' W.	9.57	9.50			1.19	
6-7	N. 35° 40' E.	12.15	9.87		7.08		
7-8	N. 60° 15' W.	21.76	10.80			18.89	
8-9	S. 32° 30' W.	11.99		10.11		6.44	
9-10	N. 61° 15' W.	5.91	2.84			5.18	
10-11	N. 36° 10' E.	13.05	10.54		7.70		
11-12	S. 83° 30' E.	8.28		0.94	8.23		
12-13	N. 57° 00' E.	15.77	8.59		13.23		
13-14	S. 70° 30' E.	6.05		2.02	5.70		
14-15	N. 77° 15' E.	17.10	3.77		16.68		
15-16	N. 46° 32' E.	9.67	6.65		7.02		
16-1	S. 67° 15' E.	5.41		2.09	4.99		
			206.43	62.56	62.49	70.63	70.66
				62.49			70.63
Error in Lat. and Dep.				0.07			0.03

Closing Error, 1:2711.

SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

TRaverse. Tract B.

Cor.	Course	Dist.	N.	S.	E.	W.
17-18	N. 36° 10' E.	21.38	17.26		12.62	
18-19	S. 81° 49' E.	34.15		4.86	33.80	
19-20	S. 46° 32' W.	4.41		3.03		3.20
20-21	S. 77° 15' W.	16.82		3.71		16.41
21-22	N. 70° 30' W.	6.15	2.05			5.80
22-23	S. 57° 00' W.	15.83		8.62		13.28
23-17	N. 83° 30' W.	7.82	0.89			7.77
		106.56	20.20	20.22	46.42	46.46
				20.20		46.42
Error in Lat. and Dep.				0.02		0.04
Closing Error, 1:2383.						

Survey completed July 18, 1914.

Walter J. Furley
Surveyor, Forest Service.

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	N. 43° 00' E.	00.8				
2-3	S. 70° 30' E.	27.23				
3-4	S. 72° 30' E.	14.41				
4-5	S. 70° 30' E.	12.11				
5-6	S. 70° 30' E.	12.11				
6-7	S. 70° 30' E.	12.11				
7-8	S. 70° 30' E.	12.11				
8-9	S. 70° 30' E.	12.11				
9-10	S. 70° 30' E.	12.11				
10-11	S. 70° 30' E.	12.11				
11-12	S. 70° 30' E.	12.11				
12-13	S. 70° 30' E.	12.11				
13-14	S. 70° 30' E.	12.11				
14-15	S. 70° 30' E.	12.11				
15-16	S. 70° 30' E.	12.11				
16-17	S. 70° 30' E.	12.11				
17-18	S. 70° 30' E.	12.11				
18-19	S. 70° 30' E.	12.11				
19-20	S. 70° 30' E.	12.11				
20-21	S. 70° 30' E.	12.11				
21-22	S. 70° 30' E.	12.11				
22-23	S. 70° 30' E.	12.11				
23-24	S. 70° 30' E.	12.11				
24-25	S. 70° 30' E.	12.11				
25-26	S. 70° 30' E.	12.11				
26-27	S. 70° 30' E.	12.11				
27-28	S. 70° 30' E.	12.11				
28-29	S. 70° 30' E.	12.11				
29-30	S. 70° 30' E.	12.11				
30-31	S. 70° 30' E.	12.11				
31-32	S. 70° 30' E.	12.11				
32-33	S. 70° 30' E.	12.11				
33-34	S. 70° 30' E.	12.11				
34-35	S. 70° 30' E.	12.11				
35-36	S. 70° 30' E.	12.11				
36-37	S. 70° 30' E.	12.11				
37-38	S. 70° 30' E.	12.11				
38-39	S. 70° 30' E.	12.11				
39-40	S. 70° 30' E.	12.11				
40-41	S. 70° 30' E.	12.11				
41-42	S. 70° 30' E.	12.11				
42-43	S. 70° 30' E.	12.11				
43-44	S. 70° 30' E.	12.11				
44-45	S. 70° 30' E.	12.11				
45-46	S. 70° 30' E.	12.11				
46-47	S. 70° 30' E.	12.11				
47-48	S. 70° 30' E.	12.11				
48-49	S. 70° 30' E.	12.11				
49-50	S. 70° 30' E.	12.11				
50-51	S. 70° 30' E.	12.11				
51-52	S. 70° 30' E.	12.11				
52-53	S. 70° 30' E.	12.11				
53-54	S. 70° 30' E.	12.11				
54-55	S. 70° 30' E.	12.11				
55-56	S. 70° 30' E.	12.11				
56-57	S. 70° 30' E.	12.11				
57-58	S. 70° 30' E.	12.11				
58-59	S. 70° 30' E.	12.11				
59-60	S. 70° 30' E.	12.11				
60-61	S. 70° 30' E.	12.11				
61-62	S. 70° 30' E.	12.11				
62-63	S. 70° 30' E.	12.11				
63-64	S. 70° 30' E.	12.11				
64-65	S. 70° 30' E.	12.11				
65-66	S. 70° 30' E.	12.11				
66-67	S. 70° 30' E.	12.11				
67-68	S. 70° 30' E.	12.11				
68-69	S. 70° 30' E.	12.11				
69-70	S. 70° 30' E.	12.11				
70-71	S. 70° 30' E.	12.11				
71-72	S. 70° 30' E.	12.11				
72-73	S. 70° 30' E.	12.11				
73-74	S. 70° 30' E.	12.11				
74-75	S. 70° 30' E.	12.11				
75-76	S. 70° 30' E.	12.11				
76-77	S. 70° 30' E.	12.11				
77-78	S. 70° 30' E.	12.11				
78-79	S. 70° 30' E.	12.11				
79-80	S. 70° 30' E.	12.11				
80-81	S. 70° 30' E.	12.11				
81-82	S. 70° 30' E.	12.11				
82-83	S. 70° 30' E.	12.11				
83-84	S. 70° 30' E.	12.11				
84-85	S. 70° 30' E.	12.11				
85-86	S. 70° 30' E.	12.11				
86-87	S. 70° 30' E.	12.11				
87-88	S. 70° 30' E.	12.11				
88-89	S. 70° 30' E.	12.11				
89-90	S. 70° 30' E.	12.11				
90-91	S. 70° 30' E.	12.11				
91-92	S. 70° 30' E.	12.11				
92-93	S. 70° 30' E.	12.11				
93-94	S. 70° 30' E.	12.11				
94-95	S. 70° 30' E.	12.11				
95-96	S. 70° 30' E.	12.11				
96-97	S. 70° 30' E.	12.11				
97-98	S. 70° 30' E.	12.11				
98-99	S. 70° 30' E.	12.11				
99-100	S. 70° 30' E.	12.11				

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. 190, STATE OF ARIZONA. Tract B.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
57014 857.80	17-18 N. 36° 10' E.	21.38	17 26		12 62		12 63	218 12	
78982 148.84	18-19 S. 81° 49' E.	34.15	4 86		33 80		59 07		286 49
72577 687.93	19-20 S. 46° 32' W.	4 41	3 03		3 20		89 68		271 73
77534 220.70	20-21 S. 77° 15' W.	16.82	3 71		16 41		70 08		260 00
94264 333.81	21-22 N. 70° 30' W.	6.15	2.05		5 80		47 88		
88867 547.64	22-23 S. 57° 00' W.	15.83	8 62		13 28		28 81	98 15	248 34
99357 112.80	23-17 N. 83° 30' W.	7.82	0 89		7 77		7 77	6 93	
		106.56	20 20	20 22	46 42	46 46		323 20	1066 56
			20 21	20 21	46 44	46 44			323 20
								Area	743 36
									37.17
	Closing Error, 1:2383.								

T-A

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. 190, STATE OF ARIZONA. Tract A.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 46° 00' W.	8.00	5.56	5.75	121.35	674.71			
2-3	S. 5° 30' W.	27.69	27.56	2.65	112.96	3114.31			
3-4	S. 74° 23' W.	14.46	3.89	13.93	96.39	375.92			
4-5	S. 58° 10' W.	19.57	10.32	16.63	65.84	680.13			
5-6	N. 7° 10' W.	9.57	9.50	1.19	48.03	456.29			
6-7	N. 35° 40' E.	12.15	9.87	7.08	53.92	532.19			
7-8	N. 60° 15' W.	21.76	10.80	18.89	42.12	454.47			
8-9	S. 32° 30' W.	11.99	10.11	6.44	16.80	169.85			
9-10	N. 61° 15' W.	5.91	2.84	5.18	5.18	14.71			
10-11	N. 36° 10' E.	13.05	10.54	7.70	7.70	81.08			
11-12	S. 83° 30' E.	8.28	8.28	8.23	23.63	22.21			
12-13	N. 57° 00' E.	15.77	8.59	13.23	45.09	386.87			
13-14	S. 70° 30' E.	6.05	6.05	5.70	64.02	129.32			
14-15	N. 77° 15' E.	17.10	3.77	16.68	86.40	324.86			
15-16	N. 46° 32' E.	9.67	6.65	7.02	110.10	732.17			
16-1	S. 67° 15' E.	5.41	2.09	4.99	122.11	255.21			
		206.43	62.56	62.49	70.63	70.66	2982.64	5421.66	
			62.52	62.52	70.63	70.63	2982.64	2459.02	
	Closing Error, 1:2711						Area	121.95	

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TA-

APPROVAL

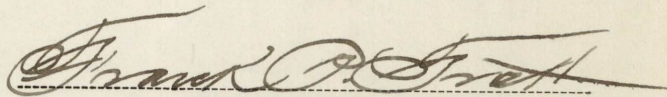
Office of the United States Surveyor General,

Phoenix, Arizona, March 20 , 1917

The foregoing field notes of Homestead Entry Survey No.

190

executed by **Walter G. Turley, Surveyor Forest Service,**
[Forest Service Title.]
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 P. Trott,
U. S. Surveyor General.



