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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

ORIGINAL

OF

HOMESTEAD ENTRY SURVEY NO. 630

SITUATED IN THE TUSAYAN NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 31, -surveyed, Township 22 N., Range 2 E.
In Section 36, -surveyed, Township 22 N., Range 1 E.

Composite Survey

of the

Gila and Salt River Base and Meridian.

State of
Arizona.

Applicant for listing

Residence

Application No. , dated , 19

List No. 3-4550 , dated December 18 , 19 22.

Applicant for survey James R. Head,

Residence Williams, Arizona.

H. E. No. 055373 , dated May 25 , 19 23

Land District Office Phoenix, Arizona.

Survey executed by Thomas F. Myers, Surveyor - Forest Service,
[Forest Service Title.]

Under special instructions dated January 25 , 19 23

Survey commenced June 12 , 19 23

Survey completed March 3 , 19 24

Under Acts of June 11, 1906, and May 11, 1922, and February 26, 1923

(OVER)

OATH OF ASSISTANTS

We hereby certify that we assisted Thomas F. Myers,
Surveyor - Forest Service in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. 630, 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 estab-
lished, according to the instructions furnished by the United States
Surveyor General for Arizona.

Note: It would have been
very expensive and incon-
venient to appear before an
officer to administer Oaths
to Assistants; hence they
were taken by the Surveyor.

Clyde P. Moore Chairman
Geo W Cook Chairman

Subscribed and sworn to before me this 20th day of
June, 1923.

Surveyor - Forest Service.

OATH OF SURVEYOR

I, Thomas F. Myers, Surveyor - Forest Service,
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for Arizona, dated
January 25 -, 19 23, 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

Blanket List, No. 3-4550, dated December 18, 1922, for amendatory
Listing and entry, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 630,
situated within the Tusayan National Forest, in
-surveyed Section 31, Township 22 N., Range 2 E., and
-surveyed Section 36, Township 22 N., Range 1 E.,

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.

Thomas F. Myers

Surveyor - Forest Service

[Forest Service Title.]

Subscribed and sworn to before me this 27th day of
March, 1924.

Ethel H. Myers

Notary Public



8-2349

My Comm. expires April 12, 1925.

TUSAYAN NATIONAL FOREST

STATE OF ARIZONA

1.

Chains · Surveyed a tract of land embraced in Blanket List 3-4550, dated December 18, 1922, H. E. No. 055373, made in the Phoenix Land Office on May 25, 1923; by James R. Head. No Cor. of the listing survey was established on the ground and no attempt was made to conform this survey to the original listing. This survey will therefore be used as a basis for amendatory listing and entry. Copy of signed statement from the entryman agreeing to the changes is attached at the end of these notes. This is a composite survey. Surveyed under special instructions from the Surveyor General for Arizona, dated January 25, 1923, and designated as Homestead Entry Survey No. 630. Situated in Secs. 31 and 36, T. 22 N., Rs. 1 and 2 E., surveyed and accepted, Gila and Salt River Base and Meridian, Tusayan National Forest, Arizona. Surveyed under the Acts of June 11, 1906, and May 11, 1922, and February 26, 1923.

Survey commenced June 12, 1923, and executed with a Buff and Buff transit No. 14631, 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 400 link steel tape. The slope angles were determined with a clinometer.

June 12, 1923.

At my station near Cor. No. 1 of this survey, hereinafter described in Lat. $35^{\circ}14'30''$ N., Long $112^{\circ}13'54''$ W. from Forest Service Base Map, at 5h. 31.m. p.m. l.m.t., I observe Polaris with telescope direct, reading an angle of $0^{\circ}54'30''$ from star to right to reference mark about 1/2 mile northwardly of my station.

My watch is set for standard time obtained from Western Union office at Williams, Arizona.

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TUSAYAN NATIONAL FOREST

2.

STATE OF ARIZONA

Chains

Greenwich M.T. U. C. Polaris June 12, 1923, 8h 14.7m a.m.

Corr for Long, 1.2

l.m.t. U. C. Polaris, June 12, 1923, 8h 13.5m a.m.

l.m.t. obsn. Polaris, June 12, 1923, 5h 31.1m p.m.

Hour angle 9h 17.6m

Azimuth of Polaris $0^{\circ}52.2' W.$ Bearing of Reference Mark N. $0^{\circ}02.6' E.$

At same station at 5h. 35.1m. p.m. l.m.t., I again observe

Polaris with telescope reversed, reading an angle of $0^{\circ}53'30''$ from star to right to same reference mark.

l.m.t. U. C. Polaris June 12, 1923, 8h 13.5m a.m.

l.m.t. obsn. Polaris June 12, 1923, 5h 35.1m p.m.

Hour angle 9h 21.6m

Azimuth of Polaris $0^{\circ}51.2' W.$ Bearing of reference mark N. $0^{\circ}02.7' E.$

The bearing of reference mark as determined from the mean of the two obsns. is N. $0^{\circ}02'39'' E.$ I accept bearing of reference mark as N. $0^{\circ}03' E.$, and from the corresponding meridian all courses of this survey were deflected by sustained angulation.

RETRACEMENTS AND RESURVEYS

June 12, 1923.

Beginning at the Cor. of Secs. 1, 6, 31 and 36, Ts. 21 and 22 N., Rs. 1 and 2 E., a post 4 ins. sq. 3-1/2 ft. above ground, marked as described by Surveyor General.

Stump of a yellow pine 18 ins. dia. brs.

S. $2^{\circ}40' E.$ 80 lks. plainly marked T.

21 N R 2 E S 6 BT

Remains of a dead and down pine tree, marked

T 21 N R 1 E S 1 BT brs. S. $45^{\circ} W.$ 40 lks.A yellow pine 24 ins. dia. brs. N. $20^{\circ} W.$

37 lks. dist., blaze grown over.

The tree recorded as N. $25^{\circ} E.$ 26 lks. has

rotted but evidence of old tree remains on ground.

TUSAYAN NATIONAL FOREST

3.

STATE OF ARIZONA

Chains	<p>The distances to the witness trees check with the original record. The bearings as recorded in original field notes appear to have been taken with a compass without properly setting off mag. decl. This Cor. is at the Cor. of an old fence said to have been built thirty or forty years ago - only a few of the posts of the old fence are now standing.</p> <p>Thence North.</p> <p>Retracing range line between Secs. 31 and 36.</p>
40.00	Make careful search for 1/4 Cor. but find no evidence of same. Set temporary point.
80.00	Make careful search for Cor. Secs. 25, 30, 31 and 36, but find no evidence of same. Set temporary point.
80.29	<p>Mound of stone at Cor. of Fence - find no marked stone. This mound appears to have been built in recent years. Old residents in this vicinity were unable to verify position of this Cor. and evidence on ground does not warrant its acceptance; therefore continue on course and distance.</p>
120.00	Make careful search for 1/4 Cor. between Secs. 25 and 30, but find no evidence of same. Set temporary point.
160.00	Make careful search for Cor. of Secs. 19, 24, 25 and 30, but find no evidence of same. Set temporary point.
	June 12, 1923.
	<p>June 13, 1923.</p> <p>Continue on course and distance.</p>
200.00	Make careful search for 1/4 Cor. between Secs. 19 and 24, but find no evidence of same.
239.10	<p>Fall 118 lks. E. of point for Cor. of Secs. 13, 18, 19 and 24, which I determine from call of witness tree, a pine 30 ins. dia. plainly marked as described by the Surveyor General.</p> <p>I reestablish Cor. as follows:</p>

Chains Set a malpais stone 16x10x6 ins. 12 ins. in ground, chiseled + on top, 3 notches on N. and S. edges, T. 22 N R 1 E on W., and T 22 N R 2 E on E. faces; raise mound of stone 3 ft. base, 2 ft. high N. of Cor.

A yellow pine 30 ins. dia. brs. S. 60° E. 286 lks. (old BT) marked T. 22 N R 2 E S 19 BT. True line is N. 0°17' W. 239.10 chs.

June 13, 1923.

June 14, 1923.

From the Cor. of Secs. 13, 18, 19 and 24, previously described.

Thence S. 0°17' E.

On true line between Rs. 1 and 2 E.

39.85 Proportionate point for 1/4 Cor. between 19 and 24. I again make careful search but find no evidence of same.

79.70 Proportionate point for Cor. Secs. 19, 24, 25 and 30. I again make careful search, but find no evidence of Cor.

119.55 Proportionate point for 1/4 Cor. between Secs. 25 and 30. I again make careful search for 1/4 Cor. but find no evidence of same.

159.40 Proportionate point for Cor. Secs. 25, 30, 31 and 36. I again make careful search for Cor. but find no evidence of same.

I reestablish Cor. as follows: Set a malpais stone 20x12x6 ins. 14 ins. in ground, chiseled + on top, 5 notches on N. and 1 on S. edges and raise a mound of stone 3 ft. base 2 ft. high N. of Cor.

No witnesses available, pits impracticable.

199.25 Proportionate point for 1/4 Cor. between Secs. 31 and 36. I again make careful search for 1/4 Cor. but find no evidence of same. I reestablish 1/4 Cor. as follows:

TUSAYAN NATIONAL FOREST

STATE OF ARIZONA

5.

- Chains Set a malpais stone 18x12x8 ins. 14 ins. in ground, marked + on top and 1/4 on W. face; raise a mound of stone 2 ft. base 1-1/2 ft. high W. of Cor.
- No witnesses available, pits impracticable.
- 239.10 To Cor. Secs. 1, 6, 31 and 36, previously described.
-
- From the Cor. of Secs. 1, 6, 31 and 36 previously described.
- Thence S. 89°48' W.
- Retracing line between Secs. 1 and 36 E/2.
- 40.16 Fall 10 lks. south of 1/4 Cor. between Secs. 1 and 36, a malpais stone 36x18x14 ins., set in mound of stone, marked and witnessed as described by the Surveyor General.
- True line is S. 89°57' W. 40.16 chs.
- June 14, 1923.
-
- June 15, 1923.
- From the 1/4 Cor. between Secs. 1 and 36, previously described.
- Thence S. 89°48' W.
- Retracing line between Secs. 1 and 36 W/2.
- 39.60 Fall 21 lks. S. of Cor. to Secs. 1, 2, 35 and 36, a malpais stone 12x10x14 ins. above ground in mound of stone, marked and witnessed as described by the Surveyor General.
- True line is N. 89°54' W. 39.60 chs.
-
- Thence N. 0°01' W.
- Retracing line between Secs. 35 and 36 S/2.
- 37.08 Fall 31 lks. East of 1/4 Cor. between Secs. 35 and 36, a malpais stone 12x11x6 ins. above ground, marked and witnessed as described by the Surveyor General.
- True line is N. 0°30' W. 37.08 chs.
- June 15, 1923.
-

Chains June 16, 1923.
Returned to 1/4 Cor. between Secs. 31 and 36, previously described.
Thence West.
On random latitudinal 1/4 Sec. line through Sec. 36:
79.61 Fall 244 lks. N. of 1/4 Cor. between Secs. 35 and 36, previously described.
True line is S. 88°15' W. 79.65 chs.
June 16, 1923.

BOUNDARIES OF CLAIM

June 18, 1923.
TRACT A.
Beginning at Cor. No. 1.
Identical with 1/4 Cor. between Secs. 31 and 36, previously described.
I adopt 1/4 cor. for Cor. No. 1 of this survey and alongside to SW. set a malpais stone 14x8x6 ins. (no longer stone available) 10 ins. in ground, marked 1 HES 630 on SW. face.
No Witnesses available, pits impracticable.
Latitude 35°14'30" N., Long. 112°13'54" W. from Forest Service Base map.
Mag. decl. at 8 a.m. 15°30' E. Mean mag. decl. 15°26' E.
Thence S. 0°17'00" E.
Along line between Secs. 31 and 36 over open level land.
Fence parallels line 20 lks. E.
8.95 Arroyo 20 lks. wide, 2 ft. deep, course N. 85° E.
11.95 Arroyo 20 lks. wide, 2 ft. deep, course E.
12.90 Arroyo 10 lks. wide, 3 ft. deep, course N. 80° E.
14.94 To Cor. No. 2 and Closing Cor. on line between Secs. 31 and 36 on N. boundary of road exemption.
Deposit a malpais stone 4x5x6 ins., marked with a + 14

Chains

ins. in the ground, over which set a malpais stone 24x20x4 ins. chiseled + for the point and 2 HES 630 on NW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor. on Closing line.

No witnesses available, pits impracticable.

1/4 Cor. between Secs. 31 and 36, previously described, bears N. 0°17' W. 14.94 chs.

Cor. Secs. 1, 6, 31 and 36, previously described
brs. S. 0°17' E. 24.91 chs.

Thence N. 64°22' W.

4.55 Over open level land on N. boundary of road exemption.
Leave listed, enter unlisted land.

5.46 To Cor. No. 3 on N. boundary of road exemption.

Deposit a malpais stone 3x6x6 ins., marked with a + 16 ins. in the ground, over which set a malpais stone 24x14x10 ins., chiseled + for the point and 3 HES 630 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

A pine 28 ins. dia. brs. S. 81°35' E. 15 lks.

A pine 28 ins. dia. brs. N. 40°00' E. 84 lks.

Each blazed and scribed 3 HES 630 + BT.

Thence N. 43°20' W.

Over open level land.

3.10 To Cor. No. 4.

Deposit a malpais stone 2x3x3 ins. marked with a + 18 ins. in the ground, over which set a malpais stone 28x12x7 ins. chiseled + for the point and 4 HES 630 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

A pine 12 ins. dia. brs. N. 14°25' W. 44 lks.

A pine 12 ins. dia. brs. S. 43°40' W. 24 lks.

Each blazed and scribed 4 HES 630 + BT.

Thence S. 89°00' W.

Chains Ascend 20 ft. over gentle SE. slope through scattering pine.

6.85 To Cor. No. 5.

Deposit a malpais stone 2x3x4 ins. marked with a + 14 ins. in the ground, over which set a malpais stone 21x11x10 ins., no longer stone available, chiseled + for the point and 5 HES 630 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:
A pine 18 ins. dia. brs. S. 30°30' E. 133 lks.
A pine 14 ins. dia. brs. N. 19°00' E. 36 lks.
Each blazed and scribed 5 HES 630 + BT.

Thence N. 1°02' W.

Along foot of E. slope through scattering pine reproduction.

10.00 To Cor. No. 6.

Deposit a malpais stone 2x3x5 ins. marked with a + 12 ins. in the ground, over which set a malpais stone 18x14x12 ins., no longer stone available, chiseled + for the point and 6 HES 630 on SE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SE. of Cor., whence:
A pine 9 ins. dia. brs. S. 79°00' W. 33 lks.
A pine 7 ins. dia. brs. S. 19°30' E. 80 lks.
Each blazed and scribed 6 HES 630 + BT.

Thence N. 88°15' E.

Along latitudinal 1/4 Sec. line through Sec. 36.

Descend 20 ft. over gradual SE. slope, through scattering pine reproduction.

4.00 Leave unlisted, enter listed land.

4.85 Road bears NW. and SE.

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

June 18, 1923.

Chains

June 19, 1923.

TRACT B.

Beginning at Cor. No. 7 and Closing Cor. on line between Secs. 31 and 36, on South boundary of road exemption.

Deposit a malpais stone 1x6x6 ins. marked with a + 14 ins. in the ground, over which set a malpais stone 22x10x8 ins., no longer stone available, chiseled + for the point, CC on NW. and 7 HES 630 on SW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor. on Closing line.

No witnesses available. Pits impracticable.

Cor. No. 2. - HES. 630, previously described, brs. N. 0°17' W. 53 lks. dist.

1/4 Cor. between Secs. 31 and 36, previously described, brs. N. 0°17' W. 15.47 chs.

Cor. Secs. 1, 6, 31 and 36, previously described, brs. S. 0°17' E. 24.38 chs.

June 19, 1923.

On March 3, 1924, I return to claim and in order to avoid possible conflict with patented land to north in Sec. 31, I move Cor. No. 8, as established by me on June 19, 1923, south 200 lks. Work was accomplished without assistants. Thence S. 71°33' E. (From Cor. No. 7).

Over level open land, **Unlisted land.**

.06 Fence bears NE. and SW.

.85 Arroyo 20 lks. wide, 4 ft. deep, course North.

6.32 To Cor. No. 8.

Deposit a malpais stone 2x6x6 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x12x10 ins. chiseled + for the point and 8 HES 630 on SW. face; raise a mound of stone 3 ft. base 2 ft. high SW. of Cor., whence:

A pine 18 ins. dia. brs. N. 76°15' W. 77 lks.

A pine 12 ins. dia. brs. S. 58°16' E. 89 lks.

Chains

Each blazed and scribed 8 HES 630 + BT.

Thence South.

Over open grass land, scattering pine East and West of line.

9.68 To Cor. No. 9.

Deposit a malpais stone 2x6x6 ins. marked with a + 14 ins. in the ground, over which set a malpais stone 24x14x6 ins., chiseled + for the point and 9 HES 630 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high NW. of Cor., whence:

A pine 11 ins. dia. brs. S. 27°53' W. 61 lks.

A pine 16 ins. dia. brs. S. 22°05' E. 129 lks.

Each blazed and scribed 9 HES 630 + BT.

March 3, 1924.

June 19, 1925.

Thence S. 49°47' W.

Over open level land.

.50 Road, bears East and West.

2.85 Dim road bears North and South.

3.70 Road bears NW. and SE.

4.40 Dim road bears NW. and SE.

5.85 Arroyo 15 lks. wide, 2 ft. deep, course North. Ascend 6 ft. over open East slope.

7.74 To Cor. No. 10 and Closing Cor. on line between Secs. 31 and 36.

Deposit a malpais stone 3x5x5 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 24x16x5 ins., chiseled + for the point, CC on NE. and 10 HES 630 on NW. face; raise a mound of stone 3 ft. base 2 ft. high NE. of Cor. on Closing line, whence:

A pine 30 ins. dia. brs. S. 34°43' W. 93 lks.

A pine 9 ins. dia. brs. S. 10°10' E. 87 lks.

Each blazed and scribed CC 10 HES 630 + BT.

Chains

Cor. No. 7, HES 630, previously described,
brs. N. $0^{\circ}17'$ W. 16.68 chs.

Cor. Secs. 1, 6, 31 and 36, previously de-
scribed, brs. S. $0^{\circ}17'$ E. 7.70 chs. dist.

$1/4$ Cor. between Secs. 31 and 36, previously
described, bears N. $0^{\circ}17'$ W. 32.15 chs.

Point for Cor. H/1 of list survey bears N. $0^{\circ}17'$ W. 2.30 chs.
Determined from call of list survey.

Thence South $49^{\circ}47'$ W.

Ascend 10 ft. over low point.

1.25 Top of ascent on point bears NE. Thence over level
rocky land.

5.40 Descend 5 ft. over gradual W. slope.

7:01 To Cor. No. 11.

Deposit a malpais stone $2 \times 5 \times 6$ ins., marked with a + 14
ins. in the ground, over which set a malpais stone
 $24 \times 10 \times 8$ ins., chiseled + for the point and 11 HES 630
on NW. face; raise a mound of stone 2 ft. base $1-1/2$
ft. high NW. of Cor., whence:

A pine 10 ins. dia. brs. S. $50^{\circ}20'$ E. 107 lks.

A pine 12 ins. dia. brs. S. $80^{\circ}35'$ E. 144 lks.

Each blazed and scribed 11 HES 630 + BT.

Leave unlisted, enter listed land.

Thence S. $54^{\circ}05'$ W.

Along A. T. & S. F. Railway Co. fence of Supi Station.

.15 Fence bears N. 10° E.

1.00 Cultivated field bears NW.

5.39 To Cor. No. 12 and Closing Cor. on line between Secs.
1 and 36.

Deposit a malpais stone $4 \times 6 \times 8$ ins., marked with a + 20
ins. in the ground, over which set a malpais stone
 $24 \times 16 \times 6$ ins. chiseled + for the point; CC on NE. and
12 HES 630 on NW. face; whence from Cor.:

A pine 36 ins. dia. brs. S. $23^{\circ}50'$ E. 134

lks. blazed and scribed CC 12 HES 630 + BT.

Chains

No other witnesses available. Pits and mound impracticable.

Cor. Secs. 1, 6, 31 and 36, previously described, brs. N. 89°57' E. 9.77 chs.

1/4 Cor. between Secs. 1 and 36, previously described, brs. S. 89°57' W. 30.39 chs.

Thence S. 89°57' W.

Along line between Secs. 1 and 36, over open level land.

3.23 Begin ascent of 10 ft. over rocky point.

3.40 Leave listed, enter unlisted land.

5.60 Top of ascent. Fence bears NNW. and SSE.

Descend 10 ft. over W. slope to Cor.

8.51 To Cor. No. 13 and Closing Cor. on line between Secs. 1 and 36.

Deposit a malpais stone 2x3x5 ins., marked with a + 16 ins. in the ground, over which set a malpais stone 26x8x3 ins., chiseled + for the point, CC on NE. and 13 HES 630 on ENE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., on Closing line, whence:

A pine 20 ins. dia. brs. N. 51°50' W. 149 lks.

A pine 20 ins. dia. brs. S. 11°30' E. 229 lks.

Each blazed and scribed CC 13 HES 630 + BT.

Cor. Secs. 1, 6, 31 and 36, previously described brs. N. 89°57' E. 18.28 chs.

1/4 Cor. between Secs. 1 and 36, previously described, brs. S. 89°57' W. 21.88 chs.

June 19, 1923.

June 20, 1923.

Thence N. 19°08' E.

Over level bottom land.

1.08 Fence bears WNW. and ESE.

4.70 Leave unlisted, enter listed land.

5.10 Fence bears N. 10° E. and S. 10° W. Cultivated field to SE. bears with line NE.

Chains

10.87

To Cor. No. 14.

Deposit a malpais stone 6x4x2 ins., marked with a + 16 ins. in the ground, over which set a malpais stone 22x10x8 ins., no longer stone available, chiseled + for the point and 14 HES 630 on ESE face; raise mound of stone 2 ft. base 1-1/2 ft. high ESE of Cor., whence:

A pine 18 ins. dia. brs. N. 11°49' W. 150 lks.

A pine 18 ins. dia. brs. S. 81°20' W. 174 lks.

Each blazed and scribed 14 HES 630 + BT.

Thence N. 34°13' E.

Along NW. edge of cultivated field over open level land.

7.23

To Cor. No. 15.

Deposit a malpais stone 2x3x8 ins., marked with a + 18 ins. in the ground, over which set a malpais stone 28x16x16 ins., chiseled + for the point and 15 HES 630 on SE. face; raise a mound of stone 3 ft. base 2 ft. high SE. of Cor., whence:

A pine 12 ins. dia. brs. N. 16°37' W. 109 lks.

A pine 12 ins. dia. brs. N. 83°00' W. 65 lks.

Each blazed and scribed 15 HES 630 + BT.

Thence N. 18°29' E.

Over open level land along edge of cultivated field.

6.25

To Cor. No. 16.

Deposit a malpais stone 2x4x6 ins., marked with a + 12 ins. in the ground, over which set a malpais stone 20x14x16 ins., no longer stone available, chiseled + for the point and 16 HES 630 on SE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SE. of Cor., whence:

A pine 22 ins. dia. brs. S. 89°55' W. 121 lks.

A pine 22 ins. dia. brs. N. 47°50' E. 215 lks.

Each blazed and scribed 16 HES 630 + BT.

Chains Thence N. 60°22' E.
 .05 Fence bears N. 85° E. and S. 85° W. Leave cultivation.
 2.70 Arroyo 10 lks. wide, 2 ft. deep, course SE.
 4.34 To Cor. No. 17.
 Deposit a malpais stone 1x6x6 ins., marked with a + 12 ins. in the ground, over which set a malpais stone 20x12x9 ins., no longer stone available, chiseled + for the point and 17 HES 630 on SE. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of Cor., whence:
 A pine 24 ins. dia. brs. S. 44°25' W. 159 lks.
 A pine 22 ins. dia. brs. S. 19°10' E. 208 lks.
 Each blazed and scribed 17 HES 630 + BT.

Thence N. 19°57' E.

Over open bottom land.

2.08 To Cor. No. 18 on S. side of road exemption.
 Deposit a malpais stone 2x6x6 ins., marked with a + 12 ins. in the ground, over which set a malpais stone 18x10x9 ins., chiseled + for the point and 18 HES 630 on S. face; raise a mound of stone 2 ft. base 1-1/2 ft. high S. of Cor.
 No witnesses available, pits impracticable.
 Cor. No. 3, HES 630, previously described,
 brs. N. 43°20' W. 133 lks.

Note: The strip excepted for a road as recorded in the listing was changed to agree with the road already on the ground.

Thence S. 64°22' E.

Over open bottom land on S. side of road exemption.

4.45 To Cor. No. 7, the place of beginning.

Unlisted Area, Tract A.	AREA	4.61	acres
Listed Area, Tract A.		11.43	"
Area Tract A. Sec. 36	- - - - -	16.04	acres
Area Tract B. Sec. 36	- - - - -	28.54	"
Listed Area, Tract B. Sec. 36		25.82	"
Unlisted Area, Tract B. Sec. 36		2.52	"

TUSAYAN NATIONAL FOREST

STATE OF ARIZONA

15.

Chains

Area Tract B. Sec. 31 - Unlisted - - - - - 7.85 acres
 Total - - - - - 52.23 acres
 Unlisted area Tract C (Road Exemption) - - .24 acres

IMPROVEMENTS

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

About 1/2 mile of wire fencing.

Value - - - - - \$50.00

Claimant was living in temporary quarters on claim at time of survey.

DESCRIPTION

This claim is comprised mainly of open valley land situated about 2-1/2 miles west of Williams, Arizona, on the A. T. & S. F. Railway. Approximately 40 acres of the area are suitable for agricultural purposes, of which about 15 acres were under cultivation at the time of survey. The soil is a rich brown loam of good depth and very fertile. The rainfall in this vicinity is sufficient to grow crops without irrigation.

Water for domestic use is obtained from an old well situated about 8 chs. northwesterly from Cor. No. 10.

A small amount of timber along the boundaries of the claim was included in the survey.

I saw no indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The claim is joined partly on the east by patented H.E. 014300 of Herbert O. Sanders, described by legal subdivisions, and on the north by H.E. 047068, described by legal subdivisions, entered by William Cole under date of May 14, 1920.

Williams, Arizona, the nearest postoffice and trading

HOMESTEAD ENTRY SURVEY NO. 630

TUSAYAN NATIONAL FOREST

16.

STATE OF ARIZONA

Chains

point, -lies about 2-1/2 miles easterly of claim and is
reached by good wagon road.

Survey completed March 3, 1924.

Thomas J. Myers
Surveyor - Forest Service.

Williams, Arizona,

March 3, 1924.

I, James R. Head, do hereby agree to the survey of my homestead, designated as H.E.S. No. 630, as completed by Forest Service Surveyor Thomas F. Myers, on March 3, 1924, and agree to amend my entry to conform to said survey before attempting to make final proof.

(Sgd.) James R. Head.

Witness:

(Sgd.) Tracy W. Rice

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 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. 630, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	S. 0°17' E.	14.94		14 94 ³	07 ⁸⁸	TRACT A.	28 08			419 23	
2 - 3	N. 64°22' W.	5.46	2 36				23 24	54 85			
3 - 4	N. 43°20' W.	3.10	2 25				16 19	36 43			
4 - 5	S. 89°00' W.	6.85		12			7 21			87	
5 - 6	N. 1°02' W.	10.00	10 00				18	1 80			
6 - 1	N. 88°15' E.	14.00		43	13 99 ^{14 00}		14 00	6 16			
		54.35	15 04 ⁵	15 06 ⁵	14 06			99 24		420 10	
				15 04	14 06 ^{14 08}					99 24	
	Error in Lat. & Dep.			02						20/ 320 86	
	Closing error 1/1922									16 04 acres	
						TRACT C.					
2 - 3	N. 64°22' W.	5.46	2 36 ⁷				4 92	11 66			
3 - 16	S. 43°20' E.	1.33		97	91		91			88	
16 - 7	S. 64°22' E.	4.45		1 93	4 01		5 83			11 25	
7 - 2	N. 0°17' W.	0.53	53				9 84	5 22			
		11.77	2 89 ⁹⁰	2 90	4 92		4 92	16 88		12 13	
				2 89				12 13			
	Error in Lat. & Dep.			01				20/ 4 75			
	Closing error 1/1177							24 acre			

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 630, STATE OF ARIZONA

8-2340

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
					TRACT B. Sec. 31				
7 - 8	S. 71°33' E.	6.32		2 00	6 00		5 99		11 98
8 - 9	South	9.68		9 68			11 98		115 97
9 - 10	S. 49°47' W.	7.74		5 00		5 91	6 07		30 35
10 - 7	N. 0°17' W.	16.68	16 68			08	08	1 33	
		40.42	16 68	16 68	6 00	5 99		1 33	158 30
					5 99				1 33
Error in Lat. & Dep.					01				20/ 156 97
Closing error 1/4042									7 85
		<i>closing</i>	<i>37 08</i>	<i>36</i>					
	N 0° 30' W	37.08	37 08			32			
	N 88° 15' E	79.65	2 43		79 61				
	S 20° 17' E	39.80		39 85	20				
	S 89° 57' W	40.16		03		40 16			
	N 89° 54' W	39.60	07			39 60			
			39 58	39 88	79 81	80 08			

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 630, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M.-D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
TRACT B. SEC. 36											
7 - 10	S. 0°17' E.	16.68		16 68		08	36 34			605 79	
10 - 11	S. 49°47' W.	7.01		4 53		5 35	31 09			140 84	
11 - 12	S. 54°05' W.	5.39		3 16		4 37	21 37			67 53	
12 - 13	S. 89°57' W.	8.51		01		8 51	8 50			08	
13 - 14	N. 19°08' E.	10.87	10 27		3 56		3 57	36 70			
14 - 15	N. 34°13' E.	7.23	5 98		4 07		11 22	67 09			
15 - 16	N. 18°29' E.	6.25	5 93		1 98		17 28	102 47			
16 - 17	N. 60°22' E.	4.34	2 15		3 77		23 03	49 51			
17 - 18	N. 19°57' E.	2.08	1 96		71		27 51	53 92			
18 - 7	S. 64°22' E.	4.45		1 93	4 01		32 23			62 20	
		72.81	26 29	26 31	18 18	18 23		309 69		876 44	
				26 29		18 18				309 69	
	Error in Lat. & Dep.			02		05				20/ 566 75	
	Closing error 1/1380									28 34	G.C.

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 630, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
LISTED LAND TRACT A.									
1 - 2	S. 0°17' E	14.94		14 94	07	05	05		75
2 - X	N. 64°22' W	4.55	1 97			4 10	4 24	8 18	
X - H/12	N. 11°30' E	3.12	3 06		62		7 78	23 57	
H/12 - H/13	West	6.20		05		6 20	13 43		67
H/13 - H/14	North	10.00	10 00				19 76	196 02	
H/14 - 1	N. 88°15' E	10.00	31		10 00		9 92	2 28	
			15 34	14 94	10 69	10 30		230 05	1 42
			15 11	15 11	10 52	10 52		1 42	
								20/228 63	
								11 43 acres	

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 530, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Listed Land Tract B.									
7 - H/1	S. 0°17' E.	14.38		14 38 ³⁴	07 ¹¹		33 41		479 10
H/1 - H/2	S. 74°00' W.	4.00		1 10		3 84 ³	29 69		32 66
H/2 - 11	S. 15°00' W.	6.00		5 80 ⁷⁹		1 55 ³	24 33		140 87
11 - 12	S. 54°05' W.	5.39		3 16 ¹⁵		4 37 ⁵	18 45		58 12
12 - H/5	S. 89°57' W.	3.40		00		3 40 ³⁹	10 71		
H/5 - H/6	N. 44°00' W.	5.00	3 60			3 47 ⁴⁵	3 87	13 93	
H/6 - X	N. 14°00' W.	.85	82			21	21	17	
X - 14	N. 19°08' E.	6.17	5 83 ⁸⁴		2 02 ⁴		2 04	11 91	
14 - 15	N. 34°13' E.	7.23	5 98 ⁶⁰		4 07 ⁹		8 17	49 02	
15 - 16	N. 18°29' E.	6.25	5 93 ⁹⁴		1 98 ²⁰		14 26	84 70	
16 - 17	N. 60°22' E.	4.34	2 15		3 77 ⁸		20 04	43 09	
17 - 18	N. 19°57' E.	2.08	1 96		71 ²		24 54	48 10	
18 - 7	S. 64°22' E.	4.45		1 93	4 01 ²		29 28		56 51
			26 27 ³¹	26 37 ³¹	16 63 ⁷⁶	16 84 ⁷⁶		250 92	767 26
									250 92
									20/516 34
									25 82

ET

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, July 12 , 1924

The foregoing field notes of Homestead Entry Survey No.

630

executed by Thomas F. Myers, Surveyor,

[Forest Service Title.]

under his special instructions, dated January 25 , 1925, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Charles M. Donohoe.
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.

CHARLES M. DONOHOE
U. S. Surveyor General.