

p 2 also see details
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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

JUL 2-1917

FIELD NOTES

AUG. 20. 1917

OF

HOMESTEAD ENTRY SURVEY NO. 472

SITUATED IN THE **PRESCOTT** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

In Section 13 , unsurveyed, Township 16 N., Range 2 E.

In Section 24 , --surveyed, Township 16 N., Range 2 E.

of the

Gila and Salt River Base and Meridian.

State of

Arizona.

Applicant for listing **Mrs. F. A. Hinman,**

Residence **Clarkdale, Arizona.**

Application No. **264** ✓ , dated **March 31** , 1915. ✓

List No. **3-3713** ✓ , dated **November 23** , 1915. ✓

Applicant for survey **Mrs. F. A. Hinman,**

Residence **Clarkdale, Arizona.**

H. E. No. , dated , 19

Office **Phoenix, Arizona.**
Land ~~District~~

Survey executed by **Charles D. Hodson,** Surveyor - Draftsman.
[Forest Service Title.]

Under special instructions dated **May 17** , 19 **16.**

Survey commenced **June 5** , 19 **16.**

Survey completed **June 5** , 19 **16.**

Under Acts of **June 11, 1906 and March 4, 1915.**

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OATH OF ASSISTANTS

We hereby certify that we assisted **Charles D. Hodson,**
Surveyor - Draftsman in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **472**, 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.**

Ferry D. Lewis

Subscribed and sworn to before me this **fifth** day of
June, 1916.

Charles D. Hodson

Surveyor - Draftsman.

OATH OF SURVEYOR

I, **Charles D. Hodson,** **Surveyor - Draftsman.**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **Arizona**, dated
May 17, 19 **16**, 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. **3-3713**, dated **November 23, 1915**, for
PATENT, under the Act of **June 11**, 1906,
the same to be known as Homestead Entry Survey No. **472**,
situated within the **PRESCOTT** National Forest, in
unsurveyed Section **13**, Township **16 N.**, Range **2 E.**, and
---surveyed Section **24**, Township **16 N.**, Range **2 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.

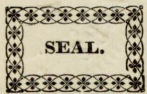
Charles D. Hodson

Surveyor - Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this **26th** day of
February, 19**17**.

Elsie C. M... ..

Notary Public



8-2349

My Commission expires April 20, 1918.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

Chains Applicant for listing, Mrs. F. A. Hinman; Application No. 264, dated March 31, 1915; List No. 3-3713, dated November 23, 1915.

Surveyed under special instructions from the Surveyor General for Arizona, dated May 17, 1916 and designated as Homestead Entry Survey No. 472.

Situated in surveyed and accepted sec. 24 and unsurveyed sec. 13, T. 16 N., R. 2 E., Gila and Salt River Base and Meridian within the Prescott National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4, 1915.

Survey commenced June 5, 1916 and executed with a Buff and Buff transit No. 9700-6 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.

June 5, 1916.

At the cor. to secs. 13 and 24 hereinafter described at 7h. 51m. 26s. a.m. apparent time I observe the altitude of the sun for azimuth. The reading on the reference object, a nail in a post 5.00 chs. N. from my station is set at zero, and the sun observed in the lower left and upper right quadrants of the field. My watch is set for standard 105th meridian time, and correction is made for apparent time.

Lat. $34^{\circ} 45' 42''$ N., long. $112^{\circ} 04' 42''$ W., obtained from the special instructions from the Surveyor General. and later verified.

Chains

1st. obsn.

| Position of Telescope | Apparent Time | Horizontal Angle | Vertical Angle |
|-----------------------|-----------------|------------------|----------------|
| Direct | : 7h. 51m. 26s. | : 85° 43' 30" | : 35° 37' 00" |
| Reversed | : | : 85° 10' 30" | : 35° 13' 30" |
| Mean | : | : 85° 27' 00" | : 35° 25' 15" |

Bearing of reference object, N. 0° 01' 21" W.

2nd. obsn.

| Position of Telescope | Apparent Time | Horizontal Angle | Vertical Angle |
|-----------------------|-----------------|------------------|----------------|
| Direct | : | : 85° 56' 00" | : 35° 55' 30" |
| Reversed | : 7h. 51m. 26s. | : 85° 24' 30" | : 35° 35' 00" |
| Mean | : | : 85° 40' 15" | : 35° 45' 15" |

Bearing of reference object, N. 0° 01' 46" W.

Mean of two observations is N. 0° 01' 33" W., and from the corresponding meridian all courses of this survey are deflected.

Retracement

T. 16 N., R. 3 E.

Beginning at the cor. to secs. 13 and 24 T. 16 N., R. 2 E.

an iron post 3 ins. dia. with brass cap, marked and witnessed as described by the Surveyor General surrounded by a mound of stone 4 ft. base, 2-1/2 ft. high.

Thence North.

On a random line along E. bdy. of sec. 13.

13.15 Fall 1/2 lk. W. of the cor. to secs. 19 and 30, a limestone 11 x 6 x 7 ins. above ground, marked and witnessed as described by the Surveyor General.

39.97 Fall 1 lk. W. of the 1/4 sec. cor. to sec. 13, an iron post 1 in. dia., 12 ins. above ground with brass cap marked and witnessed as described by the Surveyor General.

True line is S. 0° 01' W., 39.97 chs.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

Chains Return to cor. secs. 13 and 24 heretofore described.
Thence South.

On a random line along E. bdy. of sec. 24.

26.42 Fall $7\frac{1}{2}$ lks. E. of the $\frac{1}{4}$ cor. to sec. 30, T. 16 N.,
R. 3 E., a malpais stone, 10 x 5 x 15 ins. surrounded
by a mound of stone, marked $\frac{1}{4}$ on E. face and wit-
nessed by a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high,
E. of cor. I saw no bearing objects for this cor.

39.97 Fall 10 lks. E. of the $\frac{1}{4}$ cor. to sec. 24, an iron post,
1 in. dia., 14 ins. above ground, with brass cap marked
 $\frac{1}{4}$ S 24 in W. $\frac{1}{2}$, witnessed by a mound of stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, W. of cor. I saw no bearing objects
for this cor.

True line is N. $0^{\circ} 09'$ E., 39.97 chs.

Return to the cor. to secs. 13 and 24 heretofore described.
Thence West.

On a random line bet. secs. 13 and 24.

40.18 Fall 20 lks. S. of the $\frac{1}{4}$ cor. bet. secs. 13 and 24, an
iron post 1 in. dia., 12 ins. above ground marked and
witnessed as described by the Surveyor General.

True line is S. $89^{\circ} 43'$ E., 40.18 chs.

Boundaries of Claim.

Beginning at cor. No. 1.

Identical with cor. to secs. 13 and 24, heretofore de-
scribed, I adopt the sec. cor. for cor. No. 1 of this
survey, and along side of sec. cor. to the North set a
malpais stone 24 x 18 x 12 ins. marked 1 - H E S 472
on W. face and surrounded by a mound of stone 4 ft.
base, $1\frac{1}{2}$ ft. high.

No bearings available, pits impracticable.

Lat. $34^{\circ} 45' 42''$ N., long. $112^{\circ} 04' 42''$ W., from special
instructions from the Surveyor General, and later
verified.

Chains Mag. decl. at 8h. a.m. l.m.t., $14^{\circ} 51'$ E., Mean mag. decl.
 $14^{\circ} 46.8'$ E.
 Thence S. $0^{\circ} 09'$ W.
 Along E. bdy. sec. 24.
 1.00 Arroyo 50 lks. wide, 2 ft. deep, course E.
 5.00 Road bears E. and W. Asc. 80 ft. over N. slope.
 10.00 Top of ridge bears E. and W. Desc. 60 ft. over SSE. slope.
 14.19 To cor. No. 2 and C.C. on E. bdy. sec. 24.
 Deposit a sandstone 6 x 6 x 2 ins. marked with a cross
 16 ins. in the ground over which set a sandstone 28
 x 12 x 6 ins. chiseled cross for the point, 2 - H E S
 472 on NW. face and C C on W. side facing the closing
 line; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft.
 high on closing line N. $89^{\circ} 40'$ W. of cor. whence:
 B R + 2 H E S 472 chiseled on top of an em-
 bedded sandstone boulder showing 24 x 18 x 12
 ins. above ground bears N. $33^{\circ} 20'$ W., 16 lks.
 dist.
 No other bearings available, pits impracticable.
 Cor. H-5 of the list survey, a malpais stone 12 x
 9 x 12 ins. above ground marked and witnessed
 as described by the Forest Service bears West,
 5 lks. I destroy all trace of this list cor.
 1/4 cor. on E. bdy. sec. 24 heretofore described
 bears S. $0^{\circ} 09'$ W., 25.78 chs. dist.
 Thence N. $89^{\circ} 40'$ W.
 Asc. 80 ft. over SE. slope.
 20.00 Ridge bears ENE. and WSW. Desc. 70 ft. over NW. slope.
 34.00 Arroyo 40 lks. wide, 2 ft. deep, course NE. Asc. 10 ft.
 over bank of arroyo.
 40.05 To cor. No. 3.
 Identical with cor. H-4 of the list survey, a lime-

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stone in place showing 18 x 12 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Mark same stone cross for the exact point and 3 - H E S 472 on NE. face and raise a mound of stone 2 ft. base, 1½ ft. high, NE. of cor.

No bearings available, pits impracticable.

Thence N. 5° 28' E.

0.65 Road bears NE. and SW. Asc. 10 ft. over SE. slope.

3.05 Road bears NE. and SW. Enter flat.

6.04 To cor. No. 4.

Identical with cor. H-3 of the list survey, a malpais stone 12 x 9 x 12 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a malpais stone 6 x 4 x 2 ins. marked with a cross 12 ins. in the ground over which set a malpais stone 28 x 10 x 8 ins. chiseled cross for the point, and 4 - H E S 472 on SE. face, surround cor. with a mound of stone 4 ft. base, 1 ft. high, and raise a mound of stone 2 ft. base, 1½ ft. high, SE. of cor. whence

B R + 4 H E S 472 chiseled on top of an embedded sandstone boulder showing 24 x 18 x 12 ins. above ground bears S. 4° 43' W., 61 lks. dist.

No other bearings available, pits impracticable.

Thence N. 62° 49' E.

1.00 Enter road bears SW. and NE. along line.

3.30 Leave road bears E. and SW. along line. Asc. 15 ft. over S. slope.

17.67 To cor. No. 5 and C. C. on line bet. secs. 13 and 24. Deposit a sandstone 6 x 6 x 2 ins. marked with a cross 14 ins. in the ground over which set a sandstone

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24 x 10 x 6 ins. chiseled cross for the point,
5 - H E S 472 on SE. side and C C on SW. side
facing closing line and raise a mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high, on closing line SW. of
cor.

No bearings available, pits impracticable.

Cor. secs. 13 and 24 and cor. No. 1 of this
survey heretofore described bears S. 89°
43' E., 23.78 chs. dist.

$\frac{1}{4}$ cor. bet. secs. 13 and 24 heretofore
described bears N. 89° 43' W., 16.40 chs.
dist.

Thence N. 62° 49' E.

Asc. 5 ft. along S. slope.

3.48 To cor. No. 6.

Identical with cor. H-2 of the list survey, a
limestone 12 x 10 x 10 ins. above ground marked
and witnessed as described by the Forest Service.
I destroy all trace of this list cor. Deposit a
limestone 8 x 4 x 2 ins. marked with a cross 14
ins. in the ground over which set a limestone 24
x 10 x 10 ins. chiseled cross for the point, and
6 - H E S 472 on S. face and raise a mound of stone
2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. whence

B R + 6 H E S 472 chiseled on top of an em-
bedded limestone showing 24 x 15 x 6 ins.

above ground bears S. 27° 31' W., 11 lks. dist.

No other bearings available, pits impracticable.

Thence N. 78° 07' E.

Desc. 25 ft. along top of bare ridge.

9.00 Desc. 20 ft. along N. slope of saddle.

12.00 Asc. 10 ft. along N. slope of saddle.

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12.75 Enter road bears ENE. along line and SW.

18.00 Road bears WSW. along line and NE. Asc. 5 ft. over bank to saddle.

21.14 To cor. No. 7 and C. C. on E. bdy. sec. 13. Identical with cor. H-1 of the list survey, a limestone 12 x 8 x 18 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 4 x 4 x 2 ins. marked with a cross, 12 ins. in the ground over which set a limestone 30 x 10 x 8 ins. chiseled cross for the point, 7 - H E S 472 on SW. face, and C C on WSW. side facing closing line, surround cor. with a mound of stone, 4 ft. base, 1 ft. high, and raise a mound of stone 2 ft. base, 1½ ft. high, on closing line S. 78° 07' W. of cor.

No bearings available, pits impracticable.

Cor. secs. 13 and 24, heretofore described, bears S. 0° 01' W., 6.00 chs. dist.

1/4 cor. on E. bdy. sec. 13 bears N. 0° 01' E. 33.97 chs. dist.

Thence S. 0° 01' W.

Cross top of saddle.

1.00 Old road bears W. and SE. Desc. 40 ft. over S. slope of saddle.

6.00 To cor. No. 1 and place of beginning.

Area

| | |
|------------------------------|--------------|
| Area in sec. 13 (unsurveyed) | 8.12 acres |
| Area in sec. 24 | 49.74 acres. |
| Total area | 57.86 acres. |

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Improvements.

The improvements made upon this claim consist of the following:

A frame barn 32 x 12 ft. the long side extending N. and S. and the NW. cor. of which bears from cor. No. 4. S. 74° 20' E., 1.81 chs. dist.

Value.....\$125.00

A frame house 30 x 12 ft. the long side extending N. and S. and the NW. cor. of which bears from cor. No. 4. S. 56° 08' E., 3.92 chs. dist.

Value.....\$225.00

From cor. No. 6 I run S. 56° 28' E., 9.80 chs. to a point from which

The NE. cor. of a frame house 30 x 24 ft. the long side extending N. and S. bears S. 58° 30' W., 58 lks. dist.

Value.....\$200.00

The center of a well 5 ft. dia., 75 ft. deep with tank 6 ft. dia., 8 ft. high, windmill 8 ft. dia., and 2 H.P. gas engine over same, bears S. 74° 00' W., 80 lks. dist.

Value.....\$750.00

The NW. cor. of a barn 32 x 30 ft. the long side bearing E. and W. bears S. 87° 00' E., 110 lks. dist.

Value.....\$150.00

Approximately 1/2 mile of wire fence.

Value.....\$100.00

Description.

This claim is situated on Deception Gulch in the foot hills of Mingus Mountain midway between Jerome and Clarkdale, Arizona. The general slope is to the E. while the sides slope to N. and S. There is approximately 1/4 acre under cultivation and this comprises the entire agricultural area of the homestead. The

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balance of the land which is very rough is suitable only for grazing.

There is no timber on this claim. Water for domestic and stock purposes is obtained from the well.

While this claim is in a heavily mineralized country no producing veins have been opened within one mile, and I saw no indications of mineral upon the ground.

Conflicts and Adjoining Claims.

There are no conflicts.

Patented land situated outside the Forest joins this claim on the East.

Clarkdale, Arizona, the nearest postoffice, railroad and trading point, lies two miles E. of this claim, and is reached by good road.

| Cor. | Course | Dist. | Traverse. Sec. 24 | | | |
|------|---------------|--------|----------------------|-------|-------|-------|
| | | | N. | S. | E. | W. |
| 1-2 | S. 0° 09' W. | 14.19 | | 14.19 | | .04 |
| 2-3 | N. 89° 40' W. | 40.05 | .23 | | | 40.05 |
| 3-4 | N. 5° 28' E. | 6.04 | 6.01 | | .58 | |
| 4-5 | N. 62° 49' E. | 17.67 | 8.07 | | 15.72 | |
| 5-1 | S. 89° 43' E. | 23.78 | | .12 | 23.78 | |
| | | 101.73 | 14.31 | 14.31 | 40.08 | 40.09 |

Error in lat. and dep. 14.31
 .00 40.08
 .01

Closing error 1:10173.

| Cor. | Course | Dist. | Sec. 13. Unsur. | | | |
|------|---------------|-------|-----------------|------|-------|-------|
| | | | N. | S. | E. | W. |
| 1-5 | N. 89° 43' W. | 23.78 | .12 | | | 23.78 |
| 5-6 | N. 62° 49' E. | 3.48 | 1.59 | | 3.10 | |
| 6-7 | N. 78° 07' E. | 21.14 | 4.35 | | 20.69 | |
| 7-1 | S. 0° 01' W. | 6.00 | | 6.00 | | .00 |
| | | 54.40 | 6.06 | 6.00 | 23.79 | 23.78 |
| | | | 6.00 | | 23.78 | |

Error in lat. and dep. .06 .01

Closing error 1:894

Survey completed June 5 1916

Charles D. Hodson
Surveyor-Draftsman.

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Chains

Direct solar June 5, 1916.

Lat. $34^{\circ} 45' 42''$ N. Long. $112^{\circ} 04' 42''$ W. Elevation
4000 ft.

| Position of Telescope | Apparent Time | Horizontal Angle | Vertical Angle. |
|-----------------------|---------------|--|---|
| Direct | 7h. 51m. 26s. | $85^{\circ} 43' 30''$ | $35^{\circ} 37' 00''$ |
| Reversed | | <u>$85^{\circ} 10' 30''$</u> | <u>$35^{\circ} 13' 30''$</u> |
| Total | | <u>$2/170^{\circ} 54' 00''$</u> | <u>$70^{\circ} 50' 30''$</u> |
| Mean | | $85^{\circ} 27' 00''$ | $35^{\circ} 25' 15''$ |
| | | ref. corr. for elev. | <u>$01' 11''$</u> |
| | | alt. corr. for ref. | $35^{\circ} 24' 04''$ |

Decl. $22^{\circ} 33' 42''$ N.

log. sin. $22^{\circ} 33' 42'' = 9.5839664$ ✓
 log. cos. $34^{\circ} 45' 42'' = 9.9146239$ ✓
 log. cos. $35^{\circ} 24' 04'' = 9.9112197$ ✓
9.8258436 ✓
9.7581228 ✓ =

log. tan. $34^{\circ} 45' 42'' = 9.8413760$ ✓ .57296
 log. tan. $35^{\circ} 24' 04'' = 9.8516815$ ✓
9.6930575 = .49324

Cos. Q. = .07972 ✓
 Q. = N. $85^{\circ} 25' 39''$ E.
 Horizontal Angle = $85^{\circ} 27' 00''$

Bearing of reference object, = N. $0^{\circ} 01' 21''$ W. ✓

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STATE HOMESTEAD ENTRY SURVEY NO.

Form 85
Sheet No. 2

NATIONAL FOREST

STATE OF

Chains

Direct solar June 3, 1916.
 Lat. 34° 43' 48" N. Long. 112° 04' 48" W. Elevation 4000 ft.
 Position of Telescope
 Apparent Time
 Horizontal Angle
 Vertical Angle
 Direct 76. 51m. 22s. 88° 43' 30" 35° 27' 00"
 Reversed 88° 10' 30" 35° 13' 30"
 Total 2110° 54' 00" 70° 50' 30"
 Mean 88° 27' 00" 35° 20' 15"
 rel. corr. for elev. 01' 11"
 alt. corr. for ref. 35° 24' 04"
 Decl. 22° 38' 42" E.
 Log. sin. 38° 42" = 0.6233664
 Log. cos. 34° 48" = 0.9148333
 Log. cos. 33° 24' 04" = 0.9112197
 0.6233664
 0.9112197
 1.781138 = 0.5325861
 Log. tan. 34° 48' = 0.8413700
 Log. tan. 33° 24' 04" = 0.8118816
 0.5325861 = 0.6930078
 0.8413700 = 0.7272
 0.8118816 = 0.7372
 0.6930078 = 0.7372
 0.7272 = 0.7372
 0.7372 = 0.7372
 0.7372 = 0.7372
 Bearing of reference object = N. 40° 01' 21" W.
 Horizontal Angle = 88° 27' 00"
 = N. 82° 25' 30" E.
 Cos. 6. = 0.7372

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Direct solar. 2nd. obsn.

| Position of Telescope | Apparent Time | Horizontal Angle | Vertical Angle |
|-----------------------|---------------|------------------|----------------|
|-----------------------|---------------|------------------|----------------|

| | | | |
|--------|--|-------------|-------------|
| Direct | | 85° 56' 00" | 35° 55' 30" |
|--------|--|-------------|-------------|

| | | | |
|----------|---------------|-------------|-------------|
| Reversed | 7h. 51m. 26s. | 85° 24' 30" | 35° 35' 00" |
|----------|---------------|-------------|-------------|

| | | | |
|-------|--|-----------------------|--------------------|
| Total | | <u>2/170° 80' 30"</u> | <u>70° 90' 30"</u> |
|-------|--|-----------------------|--------------------|

| | | | |
|------|--|---------------|---------------|
| Mean | | 85° 40' 15" ✓ | 35° 45' 15" ✓ |
|------|--|---------------|---------------|

| | | | |
|--------------------------|--|--|------------------|
| ref. corr. for elevation | | | <u>01' 11" ✓</u> |
|--------------------------|--|--|------------------|

| | | | |
|---------------------------|--|--|---------------|
| alt. corr. for refraction | | | 35° 44' 04" ✓ |
|---------------------------|--|--|---------------|

log. sin. 22° 33' 42" = 9.5839664 ✓

log. cos. 34° 45' 42" = 9.9146239 ✓

log. cos. 35° 44' 04" = 9.9094130 ✓

2.8240369 ✓

9.7599295 =

.57534 ✓

log. tan. 34° 45' 42" = 9.8413760 ✓

log. tan. 35° 44' 04" = 9.8570217 ✓

9.6983977 =

.49934 ✓

Cos. Q. = .07600 ✓

Q. = N. 85° 38' 29" E.

Horizontal Angle = 85° 40' 15"

Bearing of reference object, = N. 0° 01' 46" W.

Mean of two obsns., N. 0° 01' 33" W. ✓

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NATIONAL FOREST

STATE OF

Chains

| Vertical Angle | Horizontal Angle | Apparent Time | Position or Telescope |
|--------------------|---------------------|---------------------------------------|--------------------------------------|
| 33° 58' 30" | 89° 58' 00" | | Direct |
| 33° 58' 00" | 89° 58' 30" | 74.5 | Reversed W. 61.5 58.5 |
| <u>70° 50' 30"</u> | <u>170° 56' 30"</u> | | Total |
| 38° 48' 15" | 89° 49' 15" | | Mean |
| 35° 44' 45" | 89° 58' 15" | | alt. corr. for refraction 35.44' 04" |
| | | log. sin. 33° 58' 30" = 0.559882 | |
| | | log. cos. 34° 43' 43" = 0.913232 | |
| | | log. cos. 33° 58' 04" = 0.914180 | |
| | | <u> = 0.558905</u> | |
| | | 0.784305 | |
| | | log. tan. 34° 43' 43" = 0.847800 | |
| | | log. tan. 33° 58' 04" = 0.837617 | |
| | | <u> = 0.838937</u> | |
| | | 0.048863 | |
| | | 0.088000 | |
| | | <u> = 0.008500</u> | |
| | | 0.008500 | |
| | | 0.008500 | |
| | | 0.008500 | |
| | | 0.008500 | |
| | | 0.008500 | |
| | | 0.008500 | |
| | | 0.008500 | |
| | | 0.008500 | |

Mean of two observations, N. 0° 01' 48" W.
Bearing of reference object, N. 0° 01' 48" W.
Horizontal angle = 89° 49' 15"
alt. corr. = 35.44'

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. 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. 472, STATE OF ARIZONA.

| CORNERS. | BEARING. | DISTANCE. | LATITUDES. | | DEPARTURES. | | DOUBLE M. D. | N. AREAS. | S. AREAS. |
|----------|-------------------------|-----------|------------|--------|-------------|-------|--------------|-----------|--------------|
| | | | NORTH. | SOUTH. | EAST. | WEST. | | | |
| Sec. 24 | | | | | | | | | |
| 1-2 | S. 0° 09' W. | 14.19 | | 14 19 | | | 80 12 | | 1136 90 |
| 2-3 | N. 89° 40' W. | 40.05 | 23 | | | 40 05 | 40 04 | 9 21 | |
| 3-4 | N. 5° 28' E. | 6.04 | 6 01 | | 58 | | 58 | 3 49 | |
| 4-5 | N. 62° 49' E. | 17.67 | 8 07 | | 15 72 | | 16 88 | 136 22 | |
| 5-1 | S. 89° 43' E. | 23.78 | | 12 | 23 78 | | 56 38 | | 6 77 |
| | | 101.73 | 14 31 | 14 31 | 40 08 | 40 09 | | 148 92 | 1143 67 |
| | | | 14 31 | 14 31 | 40 08 | 40 08 | | | 148 92 |
| | Closing error, 1:10173. | | | | | | | | 20/994 75 |
| Sec. 13. | | | | | | | | | 49 74 Acres. |
| 1-5 | N. 89° 43' W. | 23.78 | 09 | | | 23 78 | 23 79 | 2 14 | |
| 5-6 | N. 62° 49' E. | 3.48 | 12 | | 3 10 | | 3 10 | 4 93 | |
| 6-7 | N. 78° 07' E. | 21.14 | 1 59 | | 20 69 | | 26 89 | 116 43 | |
| 7-1 | S. 0° 01' W. | 6.00 | 4 35 | 01 | | | 47 58 | | |
| | | 54.40 | 6 06 | 6 00 | 23 79 | 23 78 | | 123 50 | 285 96 |
| | | | 6 01 | 6 01 | 23 79 | 23 79 | | | 285 96 |
| | Closing error, 1:894. | | | | | | | | 123 50 |
| | | | | | | | | | 20/162 46 |
| | | | | | | | | | 8 12 Acres. |

183

EMH

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. 472, STATE OF ARIZONA.

| CORNERS. | BEARING. | DISTANCE. | LATITUDES. | | DEPARTURES. | | DOUBLE M. D. | N. AREAS. | S. AREAS. |
|----------|------------------------|-----------|------------|--------|-------------|-------|--------------|-----------|-----------|
| | | | NORTH. | SOUTH. | EAST. | WEST. | | | |
| 1-2 | S. 0° 09' W. | 14.19 | | 14 19 | | | | | |
| 2-3 | N. 89° 40' W. | 40.05 | 23 | | | 04 | | | |
| 3-4 | N. 5° 28' E. | 6.04 | 6 01 | | 58 | 40 05 | | | |
| 4-5 | N. 62° 49' E. | 17.67 | 8 07 | | 15 72 | | | | |
| 5-6 | N. 62° 49' E. | 3.48 | 1 59 | | 3 10 | | | | |
| 6-7 | N. 78° 07' E. | 21.14 | 4 35 | | 20 69 | | | | |
| 7-1 | S. 0° 01' W. | 6.00 | | 6 00 | | | | | |
| | | 108.57 | 20 25 | 20 19 | 40 09 | 40 09 | | | |
| | | | 20 19 | | 40 09 | | | | |
| | | | 06 | | 00 | | | | |
| | Closing error, 1:1809. | | | | | | | | |

890 H

1859

APPROVAL

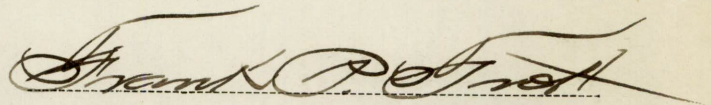
Office of the United States Surveyor General,

Phoenix, Arizona, March 27 , 1918.

The foregoing field notes of Homestead Entry Survey No.

472

executed by Charles D. Hodson, Surveyor-Draftsman [Forest Service Title.]
under his special instructions, dated May 17 , 1916, 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.