

ORIGINAL

NOV 23 1918

101

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

AN 3-1916

FIELD NOTES

OCT. 1-1917

OF

AN 3-1916

HOMESTEAD ENTRY SURVEY NO. 327

SITUATED IN THE **PRESCOTT** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 11 , -- surveyed, Township 13 N., Range 2 E.,

In Section 14 , -- surveyed, Township 13 N., Range 2 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA.

Applicant for listing **R. C. Ricketts,**

Residence **Dewey, Arizona.**

Application No. **33** ✓ , dated **June 8** , 19 **08** ✓

List No. **3-180** ✓ , dated **May 24** , 19 **09** ✓

Applicant for survey **Anton Peter,**

Residence **Dewey, Arizona.**

H. E. No. **022644** ✓ , dated **June 18** , 19 **13** ✓

Land District **Phoenix, Arizona.**

Survey executed by **R. P. A. Johnson, Surveyor - Draftsman,**
[Forest Service Title.]

Under special instructions dated **February 11** ✓
and supplemental special instructions - Apr. **7**, 19 **15** ✓
17, 19 **17**

Survey commenced **May 18** , 19 **15.**

Survey completed **May 19** , 19 **17.**

Under Acts of **June 11, 1906 and June 30, 1914.**

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OATH OF ASSISTANTS

We hereby certify that we assisted **R. P. A. Johnson,**
Surveyor - Draftsman, in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **327**, 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.**

Charles D. Hodson - Chairman.

W. B. Baer - Chairman.

Subscribed and sworn to before me this *twenty third* day of
May, 19 *15*.

R. P. A. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

I, **R. P. A. Johnson, 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
February 11, 19 **15**, 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. **3-180**, dated **May 24**, 19 **09**, for
Patent, under the Act of **June 11**, 19 **06**,
the same to be known as Homestead Entry Survey No. **327**,
situated within the **Prescott** National Forest, in
-- surveyed Section **11**, Township **13 N.**, Range **2 E.**, and
-- surveyed Section **14**, Township **13 N.**, Range **2 E.**,

of the **G. & S. R. B. &** 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.

R. P. A. Johnson
Surveyor Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this *Tenth* day of
June, 19 *15*.

Elsie C. Myers
Notary Public



U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO.

SITUATED IN THE NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO.

In Section , surveyed, Township , Range

of the

Meridian.

State of

Applicant for listing

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Land District

Survey executed by

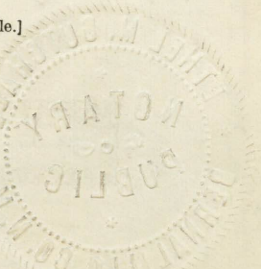
Under special instructions dated , 19

Survey commenced , 19

Survey completed , 19

Under Acts of

[Forest Service Title.]



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OATH OF ASSISTANTS

We hereby certify that we assisted R.P.A. Johnson in surveying all those parts or portions of Homestead Entry Survey No. 327, in the State of Arizona which are represented in the following field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona

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

Chas Robinson
Chainman
John E. Adams
Chainman

Subscribed and sworn to before me this fourth day of June, 1917.

R.P.A. Johnson
Surveyor Drafterman

OATH OF SURVEYOR

I, R.P.A. Johnson Surveyor Drafterman [Forest Service Title.]

do solemnly swear that, in strict conformity with the ^{Supplemental} special instructions of the United States Surveyor General for Arizona, dated April 7, 1917, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land embraced in

List, No. 3-180, dated May 24, 1909, for PATENT, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 327, situated within the PRESCOTT National Forest, in -- surveyed Section 11, Township 13 N, Range 2 E, and -- surveyed Section 14, Township 13 N, Range 2 E,

of the Gila and Salt River 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.

R.P.A. Johnson
Surveyor Drafterman
[Forest Service Title.]

Subscribed and sworn to before me this twenty-ninth day of June, 1917.

Echel M. Gutchall
Notary Public



8-2349

My Commission expires Mar. 17 1921

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

Chains

Applicant for listing R. C. Ricketts; Application No. 33, dated June 8, 1908; List No. 3-180, dated May 24, 1909; H. E. No. 022644 made in the Phoenix Land Office on June 18, 1913 by Anton Peter.

Surveyed under special instructions from the Surveyor

General for Arizona, dated February 11, 1915 and designated as Homestead Entry Survey No. 327.

Situated in secs. 11 and 14, T. 13 N., R. 2 E., G. & S. R. B. & M., Prescott National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and June 30, 1914.

Survey commenced May 18, 1915 and executed with a Buff and Buff transit.

I test the adjustments of the transit and make necessary corrections.

The stadia is adjusted to read 1:132.

All measurements were made directly on the slope with a 500 link steel tape and a Philadelphia stadia rod.

The slope angles were determined with a clinometer.

May 18, 1915.

At 8h. 32.9m., a.m., l.m.t., I observe the altitude of the sun for azimuth at cor. No. 3 of this survey.

The reading on the reference object is set at zero and sun was observed in the lower left and upper right quadrants of the field. My watch is set for local

mean time. Latitude 34° 31' 30" N. Longitude 112° 06' 30" W. Elevation 4400 ft.

From Jerome Quadrangle, U. S. G. S.

Telescope	Time	Horizontal Angle.	Vertical Angle.
Direct	8h. 32m. 26s.	86° 20'	42° 28'
Reverse.	8h. 33m. 26s.	86° 52'	42° 10'

Bearing of object N. 1° 13' 21" E.

Chains

At 3h. 5.4m., p.m., 1.m.t., I again observe the altitude of the sun for azimuth at cor. No. 3. The reading on the reference object is set at zero and the sun was observed in the upper left and lower right quadrants of the field.

Telescope	Time	Horizontal Angle.	Vertical Angle.
Direct	3h. 4m. 54s.	81° 24'	46° 08'
Reverse	3h. 5m. 52s.	80° 49'	46° 25'

Bearing of object N. 1° 12' 30" E.

The mean of these is N. 1° 12' 56" E. and to the cor-

responding meridian all the courses of this survey are

referred.

May 18, 1915.

Beginning at 1/4 cor. between secs. 13 and 14, T. 13 N.,

R. 2 E., G. & S. R. B. & M., which is a limestone

12 x 12 x 6 ins. above ground, chiseled 1/4 on S. face,

with mound of stone to west. I retrace the section

lines as follows:

Thence North.

On random line between secs. 13 and 14.

40.55 Intersect E. and W. line, 150 lks. W. of cor. of secs.

11, 12, 13 and 14, which is a granite stone 8 x 8 x 8

ins. above ground, chiseled 4 notches on S. and one on

E. edge; mound of stone to west.

Return course S. 2° 07' W. 40.58 chs. dist.

Thence West.

On random line between secs. 11 and 14.

35.54 Fall 116 lks. S. of 1/4 cor., which is a malpais stone

12 x 6 x 6 ins. above ground, chiseled 1/4 on N. face

with mound of stone 2 ft. base, 1-1/2 ft. high, N.

of cor.

*5. is correct
all the foundation
is marked
on south face.
Johnson*

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains* Return course S. 88° 08' E., 35.56 chs. dist.

Thence West.

On random line between secs. 11 and 14.

41.01 Intersect N. and S. line, 191 lks. S. of cor. of secs. 10, 11, 14 and 15, which is a malpais stone 8' x 8 x 20 ins. above ground, chiseled 4 notches on S. edge and 2 on E. edge, surrounded by mound of stone.

Return course S. 87° 20' E., 41.05 chs. dist.

May 16, 1917.

supplemental

In accordance with special instructions from the Surveyor General, dated April 7, 1917, I, R.P.A. Johnson, Surveyor Draftsman, together with Chas. Robinson and John E. Adams, assistants, return to claim and make further retracements of boundaries of secs. 11 and 14, T. 3. N., R. 2 E.

I observe Pol. for azimuth at cor. for secs. 10, 11, 13 and 14 heretofore described. The reading on the reference object is set at zero. My watch is set for local mean time. Lat. 34° 31' W. Long. 112° 06' 40" W.; from Jerome Quadrangle, U. S. G. S.

Telescope	l.m.t.	Horizontal Angle
		East of Star.
Direct	6h. 30m. 06s.	1° 04' 30"
Reversed	6h. 31m. 30s.	1° 04' 00"
Mean	6h. 30m. 48s.	1° 04' 15"
l.m.t. obsn.	May 16 p.m.	6h. 30.8m.
l.m.t. U.C. Pol.	May 16 a.m.	9h. 55.4m.
		8h. 35.4m.
Long. correction		1.2m.
Hour angle Pol. at obsn.		8h. 36.6m.
Azimuth Pol.	1° 03' 24" W.	
Bearing of reference object,	N. 0° 00' 51" E.	

The meridian thus determined checks within 0° 00' 51" of meridian established on May 18, 1915, and from this

Chains	meridian the additional retracements are deflected.
40.00	<p>May 17, 1917.</p> <p>From cor. for secs. 10, 11, 14 and 15, heretofore described.</p> <p>Thence North.</p> <p>On random line bet. secs. 10 and 11.</p> <p>Point for 1/4 sec. cor. bet. secs. 10 and 11 which is described by Surveyor General as a granite stone with mound stone. Point for cor. falls on east slope of low ridge, thickly covered with granite boulders. After strict search I fail to find any trace of mound or stone.</p>
81.10	<p>Fall 38 lks. west of cor. for secs. 2, 3, 10 and 11 which is a granite stone 20 x 10 x 8 ins. in mound of stone marked with two notches on E. and five notches on S. face. No witnesses. I reset same stone 10 ins. in the ground, and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor., whence:</p> <p>A hackberry 10 ins., dia. bears N. 33° 39' W., 202 lks. dist. scribed T 13 N R 2 E S 3 B T.</p> <p>Return course S. 0° 16' W: 81.10 chs.</p> <p>May 17, 1917.</p>
40.00	<p>May 18, 1917.</p> <p>Thence N. 89° 57' E.</p> <p>On random line bet. secs. 2 and 11.</p> <p>Point for 1/4 sec. cor. bet. secs. 2 and 11 which is described by Surveyor General as a limestone with mound of earth and pits. Point for cor. falls in oak brush and among scattered granite boulders. Pits are impracticable and there is no limestone in this vicinity. I make strict search for cor. but fail to find any trace of stone, pits or mound.</p> <p>80.00 Point for cor. of secs. 1, 2, 11 and 12 which is described by Surveyor General as a post with charred stake.</p>

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Chains

mound of earth and pits. Point for cor. falls in heavy brush on gentle west slope. I make strict search for cor. but fail to find any trace of post, memorial, pits or mound.

Thence South.

On random line bet. secs. 11 and 12.

4.16 At this point I move west 392 lks. and again make strict search for cor. for secs. 1, 2, 11 and 12, but fail to find any trace of it. This point is 80.00 chs. N. of cor. for secs. 11, 12, 13 and 14.

43.81 Ball 242 lks. E. of 1/4 sec. cor. bet. secs. 11 and 12 which is a granite stone 12 x 8 x 10 ins. above ground marked 1/4 on S. face. I rebuild mound of stone 3 ft. base, 2 ft. high, W. of cor.

Thence South.

On random line bet. secs. 11 and 12, S/2.

40.35 Fall 150 lks. E. of cor. for secs. 11, 12, 13 and 14, heretofore described.

Return course N. 2° 08' E. 40.38 chs.

May 18, 1917.

May 19, 1917.

Proceed to 1/4 sec. cor. bet. secs. 13 and 14 heretofore described.

Thence South.

On random line bet. S/2 of secs. 13 and 14.

40.00 Point for cor. of secs. 13, 14, 23 and 24 which is described by Surveyor General as a post with marked stone, mound of earth and pits. Point for cor. falls on open mesa in sheep driveway. I made strict search for corner but found no trace of post, mound, pit or memorial.

HOMESTEAD ENTRY SURVEY NO 327

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Chains Thence West.

On random line bet. secs. 14 and 23.

40.00 Point for 1/4 sec. cor. bet. secs. 14 and 23, which is described by Surveyor General as a post with marked stone, pits and mound of earth. Point for cor. falls on an open SE. slope. I fail to find any trace of post, pits, mound or memorial.

80.00 Point for cor. to secs. 14, 15, 22 and 23 which is described by Surveyor General as a post with charred stake, mound of earth and pits. Point for cor. falls on steep rocky, open NE. slope. I fail to find any trace of post, pits, mound of earth or memorial, but a small mound of rocks, which is probably remains of original corner, bears N. 54° 36' E. 539 lks. dist. I made strict search at this point for remains of post and memorial, but was unable to find any evidence by which I could identify this mound as the cor.

Thence North.

On random line bet. secs. 14 and 15.

40.00 Point for 1/4 sec. cor. bet. secs. 14 and 15 which is described by Surveyor General as a post with marked stone, pits and mounds of earth. I make strict search but fail to find any trace of post, pits, mound or memorial. I then run N. 55° 58' E. 6.22 chs. to a point 40.00 chs. S. of cor. for secs. 10, 11, 14 and 15 and again make strict search for 1/4 cor. but fail to find any trace of it. Both points for cor. fall in draw covered with scattered brush.

83.48 Fall 515 lks. W. of cor. for secs. 10, 11, 14 and 15 heretofore described.

May 19, 1917.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

Chains

H. E. S. 327

May 19, 1915.

Beginning at cor. No. 1 and C. C. on line between secs. 11 and 14, T. 13 N., R. 2 E. At this point, I set a malpais stone 32 x 10 x 8 ins. 22 ins. in the ground, over a small stone marked with a cross, chiseled 1 - H E S 327 on E. face, C C on SE. face and raise a mound of stone 4 ft. base, 2-1/2 ft. high, SE. of cor. from which:

A cross on a malpais boulder 4 x 2 x 3 ft. above ground, chiseled B R 1 H E S 327 bears S. 7° 30' E. 35 lks. dist.

No other bearings available. Pits impracticable

Cor. to secs. 10, 11, 14 and 15, heretofore described bears N. 87° 20' W. 5.04 chs. dist.

1/4 cor. between secs. 11 and 14 bears S. 87° 20'

E. 36.01 chs. dist.

Lat. 34° 31' 39" N. Long. 112° 06' 40" W. from Jerome Quadrangle, U. S. G. S.

Mag. va. at 8:00 a.m., 14° 13' E. Mean mag. decl.

14° 10' E.

Thence N. 52° 45' W.

Ascend 10 ft. to rocky point and cor. No. 2.

1.37 To cor. No. 2.

Identical with cor. H-4 of the list survey which is a malpais stone 14 x 8 x 7 ins., set in pile of stones, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor., in place of which I set a malpais stone 24 x 12 x 4 ins., on top cross on boulder in place, chiseled 2 - H E S 327 on E. face, and raise mound of stone 4 ft. base, 2 ft. high, around cor. to hold it in place, whence:

A cross on malpais boulder in place 3 ft. dia.

by 3 ft. above ground, chiseled B R 2 H E S 327 bears S. 77° 50' E. 18 lks. dist.

Chains No other witnesses available. Pits impracticable.

Thence N. 55° 16' E.
 Descend 140 ft. to Ash Creek.
 3.00 Road bears NW. and SE.
 10.30 Foot descent. Thence across bottom.
 14.80 Ash Creek, 15 lks. wide, 1 ft. deep, course S. 60° E.
 16.80 Ditch, 5 lks. wide, 1 ft. deep, course SE.
 17.30 Road bears N. 15° E. and S. 60° E. Ascend 60 ft. to cor.
 21.58 Cor. No. 3.

At this point I set a granite stone 24 x 12 x 8 ins.,
 14 ins. in the ground over a small stone marked with a
 cross, chiseled 3 - H E S 327 on S. face and raise a
 mound of stone, 4 ft. base, 3 ft. high, within the
 claim whence:

A juniper 16 ins. dia. bears N. 63° 07' W. 3 lks.
 dist., scribed 3 H E S 327 B T.
 A juniper 18 ins. dia. bears S. 51° 52' W. 164 lks.
 dist. scribed 3 H E S 327 B T.
 Cor. H-3 of the list survey, which is a 16 in.
 juniper marked and witnessed as described by
 the Forest Service, bears N. 63° 07' W. 3 lks.
 dist. I destroy all trace of this list cor.

Thence S. 37° 07' E.
 Descend 25 ft. along top mesa.
 5.90 Edge of mesa; descend 40 ft. to arroyo.
 9.80 Arroyo, 16 lks. wide, 1 ft. deep, course SW. Ascend 15
 ft. along foot of ridge to cor.
 18.09 To cor. No. 4 and C. C. on line between secs. 11 and 14,
 At this point, I set a conglomerate stone 24 x 12 x 10
 ins., 14 ins. in the ground over a small stone marked
 with a cross, chiseled 4 - H E S 327 on W. face, and
 C C on NW. face; and raise a mound of stone 3 ft. base,

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

Chains 2 ft. high, NW. of cor.

No witnesses available. Pits impracticable.

1/4 cor. between secs. 11 and 14 bears S. 87° 20' E. 8.48 chs. dist.

Cor. to secs. 10, 11, 14 and 15 bears N. 87° 20' W. 32.57 chs. dist.

Thence S. 37° 07' E.

Ascend 30 ft. to point of hill.

4.80 Top ascent; descend 30 ft. to arroyo.

8.31 Arroyo, 8 lks. wide, 1 ft. deep, course SW. Ascend 30 ft. to cor.

23.16 To cor. No. 5.

Identical with cor. H-2 of the list survey which is a malpais stone 20 x 12 x 4 ins. in pile of rocks marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. in place of which I set a limestone 24 x 12 x 8 ins., 14 ins. in the ground over a small stone marked with a cross, chiseled 5 - H E S 327 on W. face; and raise a mound of stone, 4 ft. base, 2-1/2 ft. high, W. of cor. from which:

A cross on a malpais rock in place 10 x 4 x 3 ft. level above ground, chiseled B R 5 H E S 327, bears S. 40° 21' W. 25 lks. dist.

No other witnesses available. Pits impracticable.

Thence S. 64° 08' E.

Ascend 10 ft. to top ridge.

4.15 Top ridge. Ridge bears NW. and SE. Descend 90 ft. to wash.

17.80 Road bears E. and W.

18.60 Little Hackberry Wash, 35 lks. wide, 3 ft. deep, course S. Ascend 15 ft. to bench.

21.10 Road bears N. and S.

Chains

25.00 Bench. Ridge bears N. and S. Descend 15 ft. to cor.

30.10 Wash, 75 lks. wide, 1 ft. deep, course S. 30° W.

32.03 Cor. No. 6 and C. C. on line between secs. 13 and 14.

At this point, I set a malpais stone 26 x 10 x 8 ins., 16 ins. in ground, over small stone marked with cross, chiseled 6 - H E S 327 on SW. face, and C C on NW.

face and raise mound of stone, 4 ft. base, 3 ft. high, NW. of cor. No witnesses available. Pits impracticable.

1/4 cor. between secs. 13 and 14 bears S. 2° 07'

W. 9.51 chs. dist.

Cor. to secs. 11, 12, 13 and 14 bears N. 2° 07'

E. 31.07 chs. dist.

Cor. H-1 of list survey, which is a malpais stone

15 x 15 x 12 ins., set in pile of rocks marked

and witnessed as described by the Forest Service

bears S. 64° 08' E. 2.61 chs. dist. I destroy

all trace of this list cor. This cor. was

eliminated to prevent claim from invading sec. 13.

Thence S. 2° 07' W.

Along line between secs. 13 and 14, over level land.

4.40 To cor. No. 7 and C. C. on line between secs. 13 and 14.

At this point I set a malpais stone 24 x 12 x 8 ins.,

14 ins. in the ground over a small stone marked with

a cross, chiseled 7 - H E S 327 on NW. face and C C

on ESE. face. No bearings available; therefore dig

pits 24 x 18 x 12 ins. crosswise on each line N. and

S. 3 ft. and S. 80° 32' W. 7 ft. dist.; and raise a

mound of earth 4 ft. base, 2 ft. high, N. 80° 32' W.

of cor.

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STATE OF ARIZONA.

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Chains

1/4 cor. between secs. 13 and 14, bears S. 2° 07'
W. 5.11 chs. dist.

Cor. to secs. 11, 12, 13 and 14 bears N. 2° 07'
E. 35.47 chs. dist.

Thence S. 80° 32' W.

Across bottom.

4.00 Wash, 60 lks. wide, 1 ft. deep, course SW.

9.10 Road bears N. and S.

9.40 Ash Creek, 20 lks. wide, 1 ft. deep, course SE. Ascend
65 ft. to cor.

16.71 To cor. No. 8.

At this point, I set a limestone 24 x 10 x 8 ins.
14 ins. in the ground over a small stone marked with
a cross, chiseled 8 - H E S 327 on N. face and raise
a mound of stone 3 ft. base, 2 ft. high, N. of cor.
from which:

A juniper 12 ins. dia. bears S. 50° 12' E. 6 lks.
dist., scribed 8 H E S 327 B T.

A juniper 10 ins. dia. bears N. 17° 30' E. 146 lks.
dist., scribed 8 H E S 327 B T.

Cor. H-5 of list survey, which is a 12 in.
juniper marked and witnessed as described
by the Forest Service, bears S. 50° 12' E.
6 lks. dist. I destroy all trace of this
list cor.

Thence N. 52° 45' W.

Ascend 15 ft. along top mesa.

8.80 Edge mesa; descend 40 ft. to arroyo.

11.10 Arroyo 20 lks. wide, 1 ft. deep, course NE. Ascend 45
ft. to mesa.

13.00 Edge mesa; ascend 55 ft. over mesa.

40.75 Edge mesa; descend 40 ft. to spring branch.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

Chains	
42.80	Spring branch, 2 lks. wide, 3 ins. deep, course S. 70° W. Ascend 45 ft. to mesa.
45.00	Edge mesa; thence over mesa.
58.20	Edge mesa; descend 45 ft. to arroyo.
61.40	Arroyo, 16 lks. wide, 1 ft. deep, course N. 64° E. Ascend 20 ft. to cor.
67.37	To cor. No. 1, place of beginning. May 19, 1915,

AREA

Area in Sec. 11	-----	20.55 acres.
Area in Sec. 14	-----	<u>81.71</u> acres.
Total area	-----	102.26 acres.

IMPROVEMENTS

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

A frame dwelling 30 x 18 ft., the long side of which bears NW. and SE. and NE. cor. of which bears S. 3° 06' E. 21.85 chs. dist. from cor. No. 3 of this survey.

Value ----- \$500.00

There is approximately 1 mile of wire fence.

Value ----- \$100.00

DESCRIPTION

This tract is situated on Ash Creek in the breaks south of the Black Hills at an elevation of 4400 ft. Tract consists of flat on both sides of Ash Creek and NE. and SW. exposures which break abruptly from mesa. The general slope is to the SE. Ash Creek furnishes water for irrigation of approximately 15 acres which is in cultivation. Water for domestic use is obtained from spring just off tract.

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

Chains The bottom land is level with sandy loam which produces good crops. The slopes are steep, rocky, non-tillable and covered with scrub oak.

I saw no indication of mineral upon this tract.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicting or adjoining claims.

Dewey, the nearest railroad and post office, is 10 miles to west and is reached by good wagon road.

TRAVERSES

Cor.	Course.	Dist.	N.	S.	E.	W.	
1-2	N. 52° 45' W.	1.37	0.83			1.09	
2-3	N. 55° 16' E.	21.58	12.30		17.73		
3-4	S. 37° 07' E.	18.09		14.43	10.92		
4-5	S. 37° 07' E.	23.16		18.47	13.98		
5-6	S. 64° 08' E.	32.03		13.97	28.82		
6-7	S. 2° 07' W.	4.40		4.40		0.16	
7-8	S. 80° 32' W.	16.71		2.75		16.48	
8-1	N. 52° 45' W.	67.37	40.78			53.63	
			184.71	53.91	54.02	71.45	71.36
					53.91	71.36	
Error in lat. and dep.					0.11	0.09	

Closing error 1:1300

Sec. 11.

Cor.	Course	Dist.	N.	S.	E.	W.	
1-2	N. 52° 45' W.	1.37	0.83			1.09	
2-3	N. 55° 16' E.	21.58	12.30		17.73		
3-4	S. 37° 07' E.	18.09		14.43	10.92		
4-1	N. 87° 20' W.	27.53	1.28			27.50	
			68.57	14.41	14.43	28.65	28.59
					14.41	28.59	
Error in lat. and dep.					0.02	0.06	

Closing error 1:1084

Sec. 14.

Cor.	Course	Dist.	N.	S.	E.	W.	
1-4	S. 87° 20' E.	27.53		1.28	27.50		
4-5	S. 37° 07' E.	23.16		18.47	13.98		
5-6	S. 64° 08' E.	32.03		13.97	28.82		
6-7	S. 2° 07' W.	4.40		4.40		0.16	
7-8	S. 80° 32' W.	16.71		2.75		16.48	
8-1	N. 52° 45' W.	67.37	40.78			53.63	
			171.20	40.78	40.87	70.30	70.27
					40.78	70.27	
Error in lat and dep.					0.09	0.03	

Error in lat and dep.

Closing error 1:1807.

Survey completed May 19, 1917.

R. L. Johnson
-Surveyor - Draftsman

NATIONAL FOREST

STATE OF ARIZONA

Chains

The bottom land is level with sandy loam which produces good crops. The slopes are steep, rocky, non-fertile and covered with scrub oak. I saw no indication of mineral upon this tract.

COMPLETION AND ADJOINING CLAIMS

There are no conflicting or adjoining claims. Dewey, the nearest railroad and post office, is 10 miles to west and is reached by good wagon road.

TRAVELERS

Cor.	Course.	Dist.	N.	S.	E.	W.
1-2	N. 82° 45' W.	1.37	0.88			1.09
2-3	N. 82° 18' E.	21.88	12.30		14.73	
3-4	S. 37° 07' E.	18.09		14.43	10.92	
4-5	S. 37° 07' E.	23.16		18.47	13.90	
5-6	S. 64° 08' E.	22.03		12.97	22.82	
6-7	S. 3° 07' W.	4.40		4.40	0.16	
7-8	S. 80° 32' W.	16.71		2.78	16.48	
8-1	N. 82° 45' W.	67.37	40.78		22.82	
		124.71	52.91	54.02	71.45	11.38
Error in lat. and dep.				0.11	0.09	

Closing error 1:1200

Sec. 11.

Cor.	Course.	Dist.	N.	S.	E.	W.
1-2	N. 82° 45' W.	1.37	0.88			1.09
2-3	N. 82° 18' E.	21.88	12.30		14.73	
3-4	S. 37° 07' E.	18.09		14.43	10.92	
4-1	N. 82° 45' W.	27.52	1.28		27.50	
Error in lat. and dep.				0.02	0.08	

Closing error 1:1084

Sec. 14.

Cor.	Course.	Dist.	N.	S.	E.	W.
1-4	S. 87° 20' E.	27.52		1.28	27.50	
4-5	S. 37° 07' E.	23.16		18.47	13.90	
5-6	S. 64° 08' E.	22.03		12.97	22.82	
6-7	S. 3° 07' W.	4.40		4.40	0.16	
7-8	S. 80° 32' W.	16.71		2.78	16.48	
8-1	N. 82° 45' W.	67.37	40.78		22.82	
Error in lat and dep.				0.02	0.02	

Closing error 1:1807

Survey completed May 19, 1914.

Surveyor - [Signature]

PRESCOTT NATIONAL FOREST

STATE OF ARIZONA.

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Chains

Computations.

Azimuth from Direct Solar May 18, 1915, at cor. No. 3.

Latitude $34^{\circ} 31' 30''$ N. Longitude $112^{\circ} 06' 30''$ W.

Elevation 4400 ft.

Telescope	Time	Horizontal Angle.	Vertical Angle.	Position of sun.
Direct	8h. 32m. 26s.	$86^{\circ} 20'$	$42^{\circ} 28'$	+
Reverse	8h. 33m. 26s.	$86^{\circ} 52'$	$42^{\circ} 10'$	+
	2) 17h. 05m. 52s.	$173^{\circ} 12'$	$84^{\circ} 38'$	
	8h. 32m. 56s.	$86^{\circ} 36'$	$42^{\circ} 19'$	
	4h. 31m. 34s.		$53''$ ref.	
	4h. 01m. 22s.		$42^{\circ} 18' 07''$	✓

Direct 8h. 32m. 26s. $86^{\circ} 20'$ $42^{\circ} 28'$ +

Reverse 8h. 33m. 26s. $86^{\circ} 52'$ $42^{\circ} 10'$ +

2) 17h. 05m. 52s. $173^{\circ} 12'$ $84^{\circ} 38'$

8h. 32m. 56s. $86^{\circ} 36'$ $42^{\circ} 19'$

4h. 31m. 34s. $53''$ ref.

4h. 01m. 22s. $42^{\circ} 18' 07''$ ✓

Dec. $19^{\circ} 24' 41''$ N. ✓

Cos. Q. $\frac{\sin. 19^{\circ} 24' 41''}{\cos. 34^{\circ} 31' 30'' \times \cos. 42^{\circ} 18' 07''}$ -

$\tan. 34^{\circ} 31' 30'' \times \tan. 42^{\circ} 18' 07''$

log. sin. $19^{\circ} 24' 41'' = +9.521594$ ✓

log. cos. $34^{\circ} 31' 30'' = -9.915863$ ✓

log. cos. $42^{\circ} 18' 07'' = -9.869003$ ✓

9.736729 ✓ = log. .54542 ✓

log. tan. $34^{\circ} 31' 30'' = 9.837540$ ✓

log. tan. $42^{\circ} 18' 07'' = 9.959038$ ✓

9.796578 ✓ = log. .62601 ✓

cos. Q = .08059 ✓

Q = $85^{\circ} 22' 39''$ ✓

Bearing of reference object N. $1^{\circ} 13' 21''$ E. ✓

Chains	Azimuth from Direct Solar,	Time.	Horizontal Angle.	Vertical Angle.	Position of sun.
	Direct	3h. 04m. 54s.	81° 24' 18"	46° 08' 11"	+
	Reverse	3h. 05m. 52s.	80° 49' 04"	46° 25' 11"	+
		2) 6h. 10m. 46s.	162° 13' 11"	92° 33' 11"	
		3h. 05m. 23s.	81° 06' 30"	46° 16' 30"	
		7h. 28m. 26s.	Reverse	46"	
		10h. 33m. 49s.	84° 15' 44"		
		Dec. 19° 28' 21" N			

$$\text{Cos. } Q. = \frac{\sin. 19^\circ 28' 21''}{\cos. 34^\circ 31' 30'' \times \cos. 46^\circ 15' 44''}$$

$$\tan. 34^\circ 31' 30'' \times \tan. 46^\circ 15' 44''$$

$$\log. \sin. = 19^\circ 28' 21'' = 9.522906$$

$$\log. \cos. = 34^\circ 31' 30'' = 9.915863$$

$$\log. \cos. = 46^\circ 15' 44'' = 9.839703$$

$$9.767340 = \log. .58525$$

$$\log. \tan. = 34^\circ 31' 30'' = 9.837540$$

$$\log. \tan. = 46^\circ 15' 44'' = 10.019142$$

$$9.856682 = \log. .71892$$

$$.13367 = \text{Cos. } Q.$$

$$82^\circ 19' 06'' = \text{Bearing of reference object}$$

Bearing of reference object 1° 12' 36" E.

cos. Q. = .58525
 Bearing of reference object N. 1° 12' 36" E.

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. 327, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
Sec. 11 796.00 60.839 5.6776 82.151	1-2 N. 52° 45' W.	1.37	83		17 73	1 09	1 09		0 90	
	2-3 N. 55° 16' E.	21.58	30		10 92	17 71	46 32	667 93	21801	
	3-4 S. 37° 07' E.	18.09		14 43		27 50	29 70		3802	
	4-1 N. 87° 20' W.	27.53	1 28			28 59		667 93	256 93	
		68.57	14 41	14 43	28 65	28 59		256 93		
			14 42	14 42	28 61	28 61		20) 411 00	20 55	20.55 Ac.
	Closing error 1:1084									
Sec. 14 899.81 43.628 0.3693 99.922 986.38 16.447 798.00 60.829	1-4 S. 87° 20' E.	27.53			27 50	27 49	27 49	34 91		
	4-5 S. 37° 07' E.	23.16			13 98	68 96	68 96	1273 00		
	5-6 S. 64° 08' E.	32.03			28 82	111 75	111 75	1558 91		
	6-7 S. 2° 07' W.	4.40				16	140 40	617 76		
	7-8 S. 80° 32' W.	16.71				16 48	123 76	339 10		
	8-1 N. 52° 45' W.	67.37	40 78			53 63	53 64		2189 58	
		171.20	40 78	40 87	70 30	70 27		3823 68	2189 58	
			40 82	40 82	70 28	70 28		2189 58		
								20) 1634 10	81 705	81.71 Ac.
	Closing error 1:1807									
										102.26 Ac.

APPROVAL

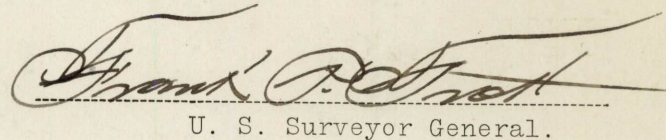
Office of the United States Surveyor General,

Phoenix, Arizona, March 27 , 1918

The foregoing field notes of Homestead Entry Survey No.

327

executed by **R. P. A. Johnson, Surveyor-Draftsman** [Forest Service Title.]
under his special instructions, dated **February 11** , 1915, 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.