

ORIGINAL

**U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE**

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 287

SITUATED IN THE **CORONADO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 30 , -- surveyed, Township 23 S., Range 13 E.
In Section 31 , -- surveyed, Township 23 S., Range 13 E.
In Section 25 , un surveyed, Township 23 S., Range 12 E.
In Section 36 , un surveyed, Township 23 S., Range 12 E.

of the

Gila & Salt River Base Meridian.

State of
Arizona

Applicant for listing **Richard H. Clarke, Sr.**

Residence **Nogales, Arizona.**

Application No. 189 , dated **April 30** , 1911

List No. 3-1715 , dated **January 30,** , 1912

Applicant for survey **Richard H. Clarke, Sr.**

Residence **Nogales, Arizona.**

H. E. No. 021772 , dated **March 18** , 1913

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

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

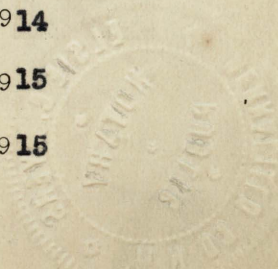
Under special instructions dated **October 17,** , 1914

Survey commenced **March 17** , 1915

Survey completed **March 22** , 1915

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

119
OCT. 23. 1918
MAY 1916
JUN 29. 1917
NOV 22 1918



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OATH OF ASSISTANTS

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

parts or portions of Homestead Entry Survey No. **287**, 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 the oaths to assistants; hence, they were taken by the Surveyor.

W. J. Roberts Chairman
W. J. Roberts Chairman

Subscribed and sworn to before me this *twenty six* day of *March*, 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 instructions of the United States Surveyor General for **Arizona**, dated **October 17**, 19**14**, 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**

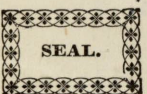
List Patent, No. **3-1715**, dated **January 30**, 19**12**, for **June 11**, 19**06**, the same to be known as Homestead Entry Survey No. **287**, situated within the **Coronado** National Forest, in
-- surveyed Section **30**, Township **23 S.**, Range **13 E.**, and
-- surveyed Section **31**, Township **23 S.**, Range **13 E.** and
un surveyed Section **25**, Township **23 S.**, Range **12 E.** and
un surveyed Section **36**, Township **23 S.**, Range **12 E.**

of the **Gila & Salt River Base** 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.

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

Subscribed and sworn to before me this *twenty-eighth* day of *September*, 19*15*.

Elsie C. Myers
Notary Public



HOMESTEAD ENTRY SURVEY NO. 287

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1.25000

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, Richard H. Clarke, Sr.; Application No. 189, dated April 30, 1911; List No. 3-1715 dated January 30, 1912; H. E. 021772 made in the Phoenix Land Office on March 18, 1913 by Richard H. Clarke, Sr.

Surveyed under special instructions from the Surveyor General for Arizona, dated October 17, 1914 and designated as Homestead Entry Survey No. 287.

Situated in secs. 30 and 31, surveyed T. 23 S., R. 13 E. and in unsurveyed T. 23 S., R. 12 E., in what will probably be when surveyed, secs. 25 and 36, Gila and Salt River Base and Meridian, Coronado National Forest, Arizona.

Surveyed under Act of June 11, 1906, and survey authorized by Act of June 30, 1914.

Survey commenced March 17, 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.

March 17, 1915.

At 8h. 3.3m. p.m., l.m.t.; I observe Polaris with telescope direct, at cor. No. 3 and mark the line thus determined with a tack in a stake set 5.00 chs. N. of my station. Latitude $31^{\circ} 23' 20''$ N. Long. $111^{\circ} 03' 50''$ W. by count from Nogales Quadrangle, U.S.G.S. Astron. l.m.t. obsn. March 17, 8h. 03.3m. Astron l.m.t., U.C. Pol. March 17, 1.1h. 51.9m.

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Hour angle Pol. at obsn.	6h. 11.4m.
Longitude correction	1. 2m.
	<u>6h. 12.6m.</u>

Azimuth of Polaris, 1° 20' 06" W.

At 8h. 8.9m. p.m., l.m.t., I again observe Polaris with telescope reversed, at cor. No. 3 and mark the line thus determined.

Astron. l.m.t. obsn.	March 17,	8h. 08.9m.
Astron. l.m.t. U.C. Pol.	March 17,	<u>1h. 51.9m.</u>
Hour angle Pol. at obsn.		6h. 17.0m.
Longitude correction.		<u>1.2m.</u>
		<u>6h. 18.2m.</u>

Azimuth of Polaris, 1° 19' 54" W.

March 18, 1915.

I turn off 1° 20' 06" and 1° 19' 54" to E. from my lines of sight of last nights observation which defines two lines which differ 0° 00' 30" of arc. I mark the mean of these two lines, driving a tack in a stake set 5.00 chs. N. of my station; and from the corresponding meridian all the courses of this survey were deflected.

RETRACEMENT AND RESURVEYS

March 18, 1915.

Beginning at cor. to Tps. 23 and 24 S., Rs. 12 and 13 E., which is a diorite stone 6 x 4 x 8 ins. above ground, with six notches on N., S., E., and W. edge, witnessed as described by the Surveyor General. The cor. was described as a post and has been restored from original witness trees which were in place.

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Chains

Thence North.

On a random line bet. secs. 31 and 36.

39.83

Fall 11 lks. W. of 1/4 sec. cor. bet. secs. 31 and 36

which is described by the Surveyor General as a post with mound of stone and two witness trees. The post is missing, but mound of rock is in place.

An oak, 12 ins. dia., bears N. 70° W., 37 lks.

dist. Heart Rot has destroyed marks on body,

but chip blocked out was plainly marked 1/4 S.

An oak stump, 9 ins. dia. bears S. 79° 45' E.,

51 lks. dist. Blaze on tree is still distinct,

but marks are almost entirely obliterated.

From the two bearing trees above described, I locate point for cor. which falls in the pile of rocks. I

therefore restore cor. as follows:

Set a granite stone 18 x 12 x 5 ins. 12 ins. in the

ground, for 1/4 sec. cor. marked 1/4 on W. face and

raise a mound of stone 3 ft. base, 2 ft. high W. of

cor. from which:

A white oak, 12 ins. dia., bears S. 79° 45' E.,

55 lks. dist., marked 1/4 S 31 B T.

A white oak, 7 ins. dia., bears S. 71° 30' W.,

33 lks. dist., marked 1/4 S 36 B T.

Return course S. 0° 09' W., 39.83 chs.

Thence North.

On a random line bet. secs. 31 and 36.

40.00

The cor. of secs. 25, 30, 36, and 31 is not found after a careful search. Set temp. point. Contine north bet. secs. 25 and 30.

80.64

Fall 9 lks. E. of 1/4 cor. bet. secs. 25 and 30, which is described by Surveyor General as a post with char-red stake, pits, mound, and two witness trees. I

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Chains

make a careful search and fail to find any evidence of post, stake, mound or pits but find both witness

trees in place. I restore cor. as follows:

Set a diorite stone 18 x 8 x 4 ins. 12 ins. in ground, for 1/4 cor. marked 1/4 on W. face and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. from which:

A black oak 6 ins. dia., bears S. 60° 30' E., 187 lks. dist., marked 1/4 S 30 B T.

A walnut 8 ins. dia. bears S. 53° 45' W., 92 lks. dist., marked 1/4 S 25 B T.

Thence North.

On a random line bet. secs. 25 and 30.

39.65 Fall 9 lks. W. of cor. to secs. 25, 30, 19 and 24

which is described by the Surveyor General as a post with mound of stone and two witness trees. I find old post and mound of rock. Post is decayed and markings obliterated. Both witness trees are in place with markings preserved but in poor condition. I

therefore restore cor. as follows:

Set a diorite stone 18 x 18 x 4 ins. 12 ins. in the ground for cor. to secs. 25, 30, 19 and 24, marked with 2 notches on S. and four notches on N. edge; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor. from which:

A black oak 5 ins. dia., bears N. 11° E., 29 lks. dist., marked T 23 S R 13 E S 19 B T.

A white oak 18 ins. dia., bears S. 53° 45' E., 158 lks. dist. marked T 23 S R 13 E S 30 B T.

No other witnesses available. Pits impracticable.

Thence S. 0° 08' W.

On a true line between secs. 25 and 30.

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Chains

39.65 To 1/4 cor. between secs. 25 and 30 heretofore described.

Thence S. 0° 04' E.

On a true line between secs. 25 and 30.

40.32 Set temp. sec. cor. At this point set at proportionate distance I again make careful search for the sec. cor. which is described by the Surveyor General as a post with mound of stone and two witnesses. I fail to find any trace of post, mound or witnesses. (See page 6- for establishment of this cor.)

Thence I continue S. 0° 04' E.

On a true line between secs. 36 and 31.

40.32 To 1/4 cor. between secs. 36 and 31 heretofore described.

I proceed to cor. of secs. 29, 30, 31 and 32 which is described by the Surveyor General as a post with a mound of stone and two witness trees. I make careful search and fail to find any evidence of post or mound but find both witness trees in place and in good condition. I restore cor. as follows:

Set an iron pipe 4 ft. long, 1 in. in dia., 3 ft. in the ground for cor. to secs. 29, 30, 31 and 32, marked with 1 notch on the S. and 5 notches on the E. face; and raise a mound of stone 3 ft. base, 2 ft. high around cor. to protect it. From which the original witness trees

- A black oak 20 ins. dia., bears N! 20° W., 74 lks.
- A black oak 30 ins. dia., bears N! 42° W., 91 lks.

Thence S. 89° 53' W. (Recorded Bearing.)

Retracing line bet. secs. 30 and 31.

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Chains 40.00	Find no trace of old 1/4 sec. cor. bet. secs. 30 and 31, after careful search, which is described by the Surveyor General as a post with charred stake, mound and pits.
80.25	<p>Fall 12 lks. north of temp. cor. to secs. 25, 30, 31, and 36 heretofore mentioned. At this point I again make careful search for sec. cor. and fail to find any trace of post, mound, or witnesses.</p> <p>Re-established cor. at temp. point as follows: Set an iron pipe 4 ft. long, 1 1/2 in. dia., 3 ft. in ground for cor. to secs. 25, 30, 31 and 36, marked with 1 notch on S. and 5 on N. face and raise a mound of stone 4 ft. base, 2 1/2 ft. high, around cor. to protect it, whence: A black oak, 16 ins. dia., bears S. 37° 30' E., 341 lks. dist. marked T 23 S R 13 E S 31 B T. A twin black oak 14 ins. dia. bears N. 81° 30' E., 415 lks. dist., marked T 23 S R 13 E S 30 B T. Return course N. 89° 48' E., 80.25 chs.</p> <hr/> <p>At 7h.41m. p.m., l.m.t. I observe Polaris at western elongation at cor. No. 3 telescope direct and reversed and mark the line thus determined by a tack in a stake set 5.00 chs. N. of my station. Azimuth of Polaris 1° 20' 18" W.</p> <hr/> <p>March 19, 1915. I turn off 1° 20' 18" to E. of my line of sight of last night's observation which defines a line that differs 0° 00' 12" from the meridian determined by Polaris obsn. of March 17, 1915.</p> <hr/>

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BOUNDARIES OF CLAIM.

Chains

Beginning at cor. No. 1 and C C on line bet. secs. 30 and 31, I set a limestone 24 x 10 x 8 ins. 14 ins. in the ground over which a small stone marked with a cross, chiseled 1- H E S 287 on W. face and C C on N. face; and raise a mound of stone 3 ft. base, 2 ft. high, N. of cor. from which:

A black oak 6 ins. dia. bears N. 87° 15' W.

68 lks. dist. scribed 1 H E S 287 B T.

A black oak 6 ins. dia. bears N. 56° 30' W.

41 lks. dist. scribed 1 H E S 287 B. T.

Cor. to secs. 25, 36, 30 and 31 heretofore described, bears S. 89° 48' W., 7.57 chs.

Cor. to secs. 25, 30, 31 and 36, heretofore described, bears N. 89° 48' E., 72.68 chs.

Latitude 31° 23' 28" N. Longitude 111° 03' 45" W. from Nogales Quadrangle U. S. G. S.

Magnetic variation at 8 a.m. 13° E. Mean magnetic decl. 12° 57' E.

Thence S. 2° 12' E.

Asc. steep N. slope 150 ft.

12.00 Top of ascent. Desc. 20 ft. to cor.

13.75 To Cor. No. 2.

Identical with cor. H-6 of the list survey which is a limestone 12 x 8 x 6 ins. set in a pile of rock, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and chisel a cross and 2 - H E S 287 on under side of a 20 ft. limestone cliff and raise a mound of stone 3 ft. base, 2 ft. high NW. of cor. from which:

A cross on a limestone boulder 5 ft. dia. 6 ft.

high, chiseled B R-2-H E S 287 bears S. 69° 39' E., 133 lks. dist.

A cross on a limestone 12 x 8 x 8 ft. above ground

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Chains
 chiseled BR-2-H E S 287 bears N. 75° 40' E.,
 42 lks. dist.
 Thence N. 80° 33' W.
 Desc. steep slope 135 ft. to cor.
 2.30 Fence. Continue along fence.
 8.10 Road; bears N.
 8.14 To cor. No. 3 and C. C. on line bet. secs. 31 and 36.
 At this point I set a diorite stone 24 x 10 x 6 ins. 14
 ins. in the ground over a small stone marked with a
 cross chiseled 3- H E S 287 on N. face and C C on ESE
 face; and raise a mound of stone 3 ft. base, 2 ft.
 high ESE. of cor. from which:
 A black oak, 18 ins. dia., bears N. 72° 43' W.,
 20 lks. dist. marked 3 H E S 287 B T.
 A black oak 20 ins. dia. bears S. 36° 20' E.,
 122 lks. dist. marked 3 H E S 287 B T.
 Cor. to secs. 25, 30, 31 and 36 heretofore de-
 scribed; bears N. 0° 04' W., 12.39 chs. dist.
 1/4 sec. cor. bet. 36 and 31 heretofore de-
 scribed, bears S. 0° 04' E., 27.93 chs. dist.
 Cor. H-7 could not be found. Was probably
 destroyed in road or fence construction.
 Thence N. 64° 51' W.
 Along fence. Desc. 10 ft. to wash.
 4.28 Fence Cor. Fence bears N. 15° E. Leave fence.
 6.90 Center Walker Wash, 2 chs. wide, bank 1 ft. high, course
 NE. Asc. 10 ft. to foot steep hill.
 8.50 Road; bears NE. and SW.
 11.50 Foot ascent, ascend 70 ft. to top ridge.
 13.00 Top of ridge, bears NE. and SW. Desc. 30 ft. to cor.
 16.26 To cor. No. 4.

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Chains

Identical with cor. H-1 of the list survey which is a limestone 8x8x12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. in place of which I set a limestone 24 x 8 x 8 ins. 14 ins. in the ground over a small stone marked with a cross chiseled 4-H E S 287 on NE. face and raise a mound of stone 3 ft. base, 2 ft. high, NE. of cor. from which:

A white oak 8 ins. dia., bears S. 19° 51' E.;
52 lks. dist., scribed 4 H E S 287 B T.

A white oak, 15 ins. dia., bears N. 62° 19' W.,
44 lks. dist., scribed 4 H E S 287 B T.

March 20, 1915.

Thence N. 9° 44' E.

Desc. 40 ft. to arroyo.

1.50 Arroyo, 10 lks. wide, banks 1 ft. high, course NE. Asc.

100 ft. to ridge.

10.20 Top ridge, bears NNE. and SSW. Desc. 100 ft. to arroyo.

25.40 Center arroyo, 50 lks. wide, banks 2 ft. high, course

N. 35° E. Asc. 40 ft. to cor.

33.85 To cor. No. 5.

Identical with cor. H-2 of the list survey, a limestone 6 x 6 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. in place of which I set a granite stone 24 x 12 x 6 ins. 14 ins. in the ground over small stone marked with a cross chiseled 5 - H E S 287 on E. face; and raise a mound of stone 3 ft. base, 2 ft. high E. of cor. from which:

A black oak 4 ins. dia., bears N. 80° 12' W.,
13 lks. dist. scribed 5 H E S 287 B T.

A black oak 4 ins. dia., bears N. 5° 19' W.,
69 lks. dist., scribed 5 H E S 287 B T.

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10.

Chains	Thence N. 12° 52' W.
	Desc. 40 ft. to arroyo.
4.50	Arroyo, 30 lks. wide, banks 1 ft. high, course NE.
	Asc. 20 ft. to ridge.
10.00	Top ridge, bears NE. and SW. Desc. 20 ft. arroyo.
12.50	Arroyo, 10 lks. wide, banks 6 ins. high, course NE.
	Asc. 20 ft. to ridge
15.60	Top ridge, bears NE. and SW. Desc. 100 ft. to arroyo.
19.80	Center arroyo, 30 lks. wide, banks 1 ft. high, course NE.
24.00	Arroyo 50 lks. wide, banks 6 ft. high, course S. 70° E.
	Asc. 100 ft. to cor.
30.37	To cor. No. 6.

Identical with cor. H-3 of the list survey, a limestone 8 x 6 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. in place of which I set a quartzite stone 24 x 12 x 8 ins. 14 ins. in the ground over a small stone marked with a cross chiseled 6-H E S 287 on SE. face and raise a mound of stone 3 ft. base, 2 ft. high SE. of cor. from which

A black oak 5 ins. dia. bears N. 58° 43' W.

39 lks. dist. scribed 6 H E S 287 B T.

A black oak 8 ins. dia. bears S. 71° 05' E., 124 lks. dist. scribed 6 H E S 287 B T.

Thence N. 63° 46' E.

Desc. 100 ft. to bottom.

9.35 Foot descent.

13.15 To cor. No. 7.

Identical with cor. H-4 of the list survey a limestone 8x6x7 ins. above ground marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. in place of which I set a granite stone 24 x 10 x 8 ins. 14 ins. in the ground

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Chains over a small stone marked with a cross, chiseled
7 H E S 287 on the S. face; and raise a mound of
stone 3 ft. base, 2 ft. high S. of cor. from which
A black oak 18 ins. dia., bears S. 6° 31' W.,
133 lks. dist. scribed 7 H E S 287 B T.
A walnut 10 ins. dia. bears S. 82° 16' W., 168
lks. dist. scribed 7 H E S 287 B T.

Thence S. 89° 27' E.

0.10 Road, bears N. and S.
0.25 Enter Walker Wash, banks 1 ft. high.
2.70 Leave Walker Wash, banks 1 ft. high, course N.
3.92 To cor. No. 8 and C.C. on line bet. secs. 25 and 30.
At this point I set a limestone 24 x 12 x 4 ins. 14
ins. in the ground over a small stone marked with a
cross chiseled 8 H E S 287 on S. face and C C on W.
face; and raise a mound of stone 3 ft. base, 2 ft. high
W. of cor. from which:
A black oak 6 ins. dia. bears N. 80° 45' W.,
34 lks. dist. scribed 8 H E S 287 B T.
A white oak 12 ins. dia. bears S. 20° 30' W.
70 lks. dist. scribed 8 H E S 287 B T.

Cor. to secs. 25, 30, 19 and 24 heretofore de-
scribed, bears N. 0° 08' E., 16.73 chs. dist.
1/4 Cor. bet. secs. 25 and 30 heretofore describ-
ed, bears S. 0° 08' W., 22.92 chs. dist.

Thence S. 89° 27' E.

1.97 Arroyo, 15 lks. wide, banks 1 ft. high, course N. 20° W.
Asc. 45 ft. to cor.

5.04 To cor. No. 9.
Identical with cor. H-5 of the list survey which is
a limestone 8 x 6 x 6 ins. above ground marked and
witnessed as described by the Surveyor General. I
destroy all trace of the list cor. in place of which

Chains I set a limestone 24 x 10 x 6 ins. 14 ins. in the ground over a small stone marked with a cross, chiseled 9 H E S 287 on SW. face; and raise a mound of stone 3 ft. base, 2 ft. high SW. of cor. from which
 A white oak 14 ins. dia. bears N. 42° 59' E., 122 lks. dist. scribed 9 H E S 287 B T.
 A black oak 14 ins. dia. bears S. 4° 14' E. 100 lks. dist. scribed 9 H E S 287 B T.

March 22, 1915.

Thence S. 2° 12' E.

Desc. 40 ft. to arroyo.

4.00 Arroyo, 15 lks. wide, banks 1 ft. high, course NW.

Asc. 65 ft. to ridge.

8.00 Top ridge. Desc. 50 ft. to arroyo. Ridge bears NW. & SE.

11.75 Arroyo, 10 lks. wide, banks 1 ft. high, course NW. Asc.

80 ft. along W. slope.

27.00 Top ascent. Desc. 20 ft. to arroyo.

37.60 Arroyo, 10 lks. wide, banks 1 ft. high, course NW.

Asc. 30 ft. along W. slope.

53.00 Top ascent. Desc. 30 ft. to cor.

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

AREA	
Sec. 31	10.17 acres
Sec. 30	40.00 acres
Unsurveyed	-86.67 acres
Total Area	136.84 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 35 x 24 ft., the long side of which bears N. and S. and the SW. cor. of which bears N. 17° 42' W., 3.09 chs. dist. from cor. No. 3.

Value - - - - - \$250.00

A well, 20 ft. deep, the center of which bears N. 14° 35' W., 5.50 chs. dist. from cor. No. 3.

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Chains	Value.....\$75.00
	There is approximately $\frac{1}{2}$ mile of fence.
	Value.....\$50.00
	Description.
	This claim is situated on Walker Canyon at its junction with Oro Blanco tract at an elevation of approximately 4000 ft. It is four miles N. of the Mexican line. Nogales, the nearest railroad point and postoffice, is approximately 18 miles to W. over a good wagon road. The general slope of the land is to the N. with W. and NE. exposures. There is no merchantable timber upon the tract and only a small amount of scattered oak. The bottom land is a sandy loam and where protected from floods will produce crops. The slopes are steep rocky non-tillable land which will furnish fair grazing. Water for domestic use is obtained from a 20 ft. well. There is no water available for irrigation. A portion of the claim was cultivated at one time but spring floods had destroyed all trace of cultivation at the time of the survey. I say no indications of minerals upon this claim.
	Conflicts and Adjoining Claims.
	There are no conflicts or adjoining claims. Walker Ranger Station which adjoined it on the N. having been released.

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STATE OF ARIZONA

Chains	Traverses.						
	Cor.	Course	Dist.	N.	S.	E.	W.
	1-2	S. 2° 12' E.	13.75		13.74	0.53	
	2-3	N. 80° 33' W.	8.14	1.34			8.03
	3-4	N. 64° 51' W.	16.26	6.91			14.72
	4-5	N. 9° 44' E.	33.85	33.36		5.72	
	5-6	N. 12° 52' W.	30.37	29.61			6.76
	6-7	N. 63° 46' E.	13.15	5.81		11.80	
	7-8	S. 89° 27' E.	3.92		0.04	3.92	
	8-9	S. 89° 27' E.	5.04		0.05	5.04	
	9-1	S. 2° 12' E.	63.26		63.21	2.43	
			187.74	77.03	77.04	29.44	29.51
					77.03		29.44
		Error in lat. and dep.			0.01		0.07

closing error 1:2655

Sec. 31, T. 23 S., R. 13 E.

	1-2	S. 2° 12' E.	13.75		13.74	0.53	
	2-3	N. 80° 33' W.	8.14	1.34			8.03
	3-Sec.	N. 00° 04' W.	12.39	12.39			0.01
	Sec.-1	N. 89° 48' E.	7.57	0.03		7.57	
			41.85	13.76	13.74	8.10	8.04
				13.74		8.04	
		Error in lat. and dep.		.02		.06	

Closing error 1:661

Sec. 30, T. 23 S., R. 13 E.

	1-Sec.	S. 89° 48' W.	7.57		0.03		7.57
	Sec.-1/4	N. 00° 04' W.	40.32	40.32			0.05
	1/4-8	N. 00° 08' E.	22.92	22.92		0.05	
	8-9	S. 89° 27' E.	5.04		0.05	5.04	
	9-1	S. 2° 12' E.	63.26		63.21	2.43	
			139.11	63.24	63.29	7.52	7.62
					63.24		7.52
		Error in lat. and dep.		0.05			0.10

Closing error 1:1244

Sec. 25 and 36, Unsurveyed T. 23 S., R. 12 E.

	8-1/2	S. 00° 08' W.	22.92		22.92		0.05
	1/2-Sec.	S. 00° 04' E.	40.32		40.32	0.05	
	Sec.-3	S. 00° 04' E.	12.39		12.39	0.01	
	3-4	N. 64° 51' W.	16.26	6.91			14.72
	4-5	N. 9° 44' E.	33.85	33.36		5.72	
	5-6	N. 12° 52' W.	30.37	29.61			6.76
	6-7	N. 63° 46' E.	13.15	5.81		11.80	
	7-8	S. 89° 27' E.	3.92		0.04	3.92	
			173.18	75.69	75.67	21.50	21.53
				75.67			21.50
		Error in lat. and dep.		.02			.03

Closing error 1:4803.

Survey completed March 22, 1915.

R. L. Johnson
Surveyor Draftsman.

DIRECTORS.—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. 287, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.	DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.				
Sec. 31 1-2	S. 2° 12' E.	13.75		¹³ 75		15.63		214.91 ✓
2-3	N. 80° 33' W.	8.14	1.34	13.74	⁵¹ 53	8.10	10.85	
3-Sec N.	00° 04' W.	12.39	²¹ 88		⁸³ 01	.03	.37 ✓	
Sec-1	N. 89° 48' E.	7.57	.03		⁵⁶ 57	7.56	.23 ✓	
		41.85	13.76	13.74	8.10	8.04	11.45	214.91
			¹³ 75	¹³ 75	⁸⁰ 67			<u>11.45</u>
								20 / 203.46
								10.173 A.
Closing error 1:663								
Sec. 30 1-Sec.	S. 89° 48' W.	7.57		.03		7.60		.23 ✓
Sec-4	N. 00° 04' W.	40.32	⁴⁸ 84		⁵⁶ 57	.02	.81 ✓	
4-8	N. 00° 08' E.	22.92	²³ 93		⁸² 05	.07	1.61 ✓	
8-9	S. 89° 27' E.	5.04	.05		⁰⁴ 04	5.18	.26 ✓	
9-1	S. 2° 12' E.	63.26	⁶³ 21	63.21	⁴³ 43	12.69		801.88 ✓
		139.11	63.24	63.29	7.52	7.62	2.42	802.37
			⁶³ 27	⁶³ 27	⁵⁸ 58			<u>2.42</u>
								20 / 799.95
								40.00 A.
Closing error 1:1244								

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EMH

COUNTY	BEVILIS	DISTANCE	VALUABLES	DEVELOPERS		DOUBLE W. D.	W. VALUE	W. VALUE
				Year	1931			
Closing Error T:1534	183 J		48.33	33.33	33.33		34.3	803.31
	9-1	2.80	131	40.8	40.8	31.3	13.1	88.108
	8-9	2.80	131	30.3	30.3	30.3	13.1	88.108
	3-8	7.00	081	55.65	30.3	40.8	13.1	88.108
2cc	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
Closing Error T:663	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
2cc	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
	1-2cc	2.80	141	30.3	30.3	30.3	13.1	88.108
<p style="text-align: center;">TOTAL 100.00</p>								

LABYRINTH AND QUICQUATIONS OF HOMOGENEITY ENLBY SUBVARY MO 881 STATE OF VERMONT

1. This table contains of the information and necessary for the District Office, the General and the Commissioner.
 2. In computation of value, the value should be multiplied by 1.00 and the result of the computation should be multiplied by the rate of the value.
 3. In computation of value, the value should be multiplied by 1.00 and the result of the computation should be multiplied by the rate of the value.
 4. In computation of value, the value should be multiplied by 1.00 and the result of the computation should be multiplied by the rate of the value.
 5. In computation of value, the value should be multiplied by 1.00 and the result of the computation should be multiplied by the rate of the value.

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. 287, STATE OF Arizona

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Unsurveyed Secs. 25, 26									
8-1/4	S. 00° 08' W.	22.92		22.92		.05	29.35	672.70 ✓	
1/4-3/4	S. 00° 04' E.	40.32		40.32 ³³		.05	29.36	1184.09 ✓	
3/4-3	S. 00° 04' E.	12.39		12.39		.01	29.43	364.64 ✓	
3-4	N. 64° 51' W.	16.26	6.91		14.72		14.72	101.72 ✓	
4-5	N. 9° 44' E.	33.85	33.36 ³⁵		5.72		5.73	191.10 ✓	
5-6	N. 12° 52' W.	30.37	29.61		6.76		4.71	139.46 ✓	
6-7	N. 63° 46' E.	13.15	5.81		11.80		9.76	56.71 ✓	
7-8	S. 89° 27' E.	3.92		.04	3.92		25.48	1.02 ✓	
		173.18	75.69	75.67	21.50	21.53		488.99	2222.45
			75.68 ⁶⁸	75.68 ⁶⁸	21.52 ⁵²	21.52 ⁵²		488.99	488.99
									<u>1753.46</u>
									86.673A.
Closing Error 1:4803									

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EMH

APPROVAL

Office of the United States Surveyor General,

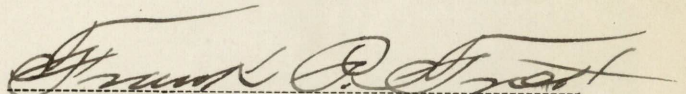
Phoenix, Arizona, August 8 , 1917

The foregoing field notes of Homestead Entry Survey No.

287

executed by R. P. A. Johnson, Surveyor-Draftsman,
under his special instructions, dated October 17, 1914, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

[Forest Service Title.]



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.