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JUL 3-1915

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 279

SITUATED IN THE **CHIRICAHUA** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 5 , unsurveyed, Township 17 S, Range 30 E.

of the

**Gila and Salt River Base and Meridian.**

State of **ARIZONA**

Applicant for listing **Chris Grauer,**

Residence **Paradise, Arizona**

Application No. 65 ✓ , dated **August 6** , 19 10 ✓

List No. 3-2095 ✓ , dated **October 11** , 19 12 ✓

Applicant for survey **Christopher Grauer,**

Residence **Paradise, Arizona**

H. E. No. 021922 ✓ , dated **May 1** , 19 13 ✓

Land District **Phoenix, Arizona**

Survey executed by **C. A. Long, Surveyor - Forest Service**  
[Forest Service Title.]

Under special instructions dated **October 1** , 19 14 ✓

Survey commenced **July 20** , 19 15

Survey completed **July 23** , 19 15

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



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OATH OF ASSISTANTS

We hereby certify that we assisted **C. A. Long,**  
**Surveyor - Forest Service** in surveying all those  
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. **279** , 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 inconvenient and ex-  
pensive to appear before  
an officer to administer  
the oaths to Assistants;  
hence, they were taken  
by the Surveyor.

*[Signature]*  
-----  
*[Signature]*  
-----  
*[Signature]*  
-----  
*[Signature]*  
-----

Subscribed and sworn to before me this **23rd** day of  
**July** , 19 **15** .

*[Signature]*  
-----  
**Surveyor - Forest Service**

OATH OF SURVEYOR

I, **C. A. Long, 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  
**October 1** , 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 , No. **3-2095** , dated **October 11** , 19 **12** , for  
**PATENT** , under the Act of **June 11** , 19 **06** ,  
the same to be known as Homestead Entry Survey No. **279** ,  
situated within the **CHIRICAHUA** National Forest, in  
**un** surveyed Section **5** , Township **17 S.** , Range **30 E.** , and  
- surveyed Section - - - , Township - - - , Range - - - ,

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.

*[Signature]*  
-----  
**Surveyor - Forest Service**  
[Forest Service Title.]

Subscribed and sworn to before me this **21st** day of  
**March** , 19 **16**.

*[Signature]*  
-----  
**Notary Public**



8-2349

My Commission expires April 20, 1918.



CHIRICAHUA NATIONAL FOREST  
STATE OF ARIZONA

Chains

Applicant for listing, Chris Grauer; Application No. 65 dated August 6, 1910; List No. 3-2095, dated October 11, 1912; H. E. 021922 made in the Phoenix Land Office on May 1, 1913 by Christopher Grauer.

Surveyed under special instructions from the Surveyor General for Arizona, dated October 1, 1914 and designated as Homestead Entry Survey No. 279.

Situated in what will probably be when surveyed, Sec. 5, T. 17 S., R. 30 E., Gila and Salt River Base and Meridian, Chiricahua National Forest, Arizona.

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

Survey commenced July 20, 1915, and executed with a Buff and Buff transit No. 9699.

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 the slope angles were determined with a clinometer.

July 20, 1915.

At list cor. H-1 and what will be Cor. No. 1 of this survey, Lat.  $31^{\circ} 58' 30''$  N., Long.  $109^{\circ} 17' 30''$  W., I clamp the horizontal limb at Zero and sight to a prominent snag on a mountain about 20 chains distant with telescope direct and at 6h. 04.3m.; p.m.; l.m.t., I unclamp the upper motion and turn to the East until the vertical hair bisects Polaris obtaining an angle of  $53^{\circ} 12'$  between reference mark and Polaris.



Chains

Greenwich m.t., U.C. Polaris, July 20, 1915 5h.41.6m., a.m.

Sidereal Correction 1.2m.

5h.40.4m.

Astron. l.m.t., U.C. Polaris, July 19, 1915 17h.40.4m.

Astron. l.m.t. of obsn., July 19, 1915 30h.04.3m.

Hour angle 12h.23.9m.

23h.56.1m.

Time argument 11h.32.2m.

Azimuth of Polaris at obsn. 180° 09' 06"

53° 12' 00"

Azimuth of reference mark 126° 57' 06"

or a bearing of N. 53° 02' 54" W.

(2)

At 6h. 09.5m., p.m., l.m.t., I again observe Polaris as

above described with telescope reversed and obtain an angle of 53° 13' 30" between reference mark and Polaris.

Astron. l.m.t., U.C. Polaris, July 19, 1915 17h.40.4m.

Astron. l.m.t. of obsn., July 19, 1915 30h.09.5m.

Hour angle 12h.29.1m.

23h.56.1m.

Time argument 11h.27.0m.

Azimuth of Polaris at obsn. 180° 10' 54"

53° 13' 30"

Azimuth of reference mark 126° 57' 24"

or a bearing of N. 53° 02' 36" W.

The two observations gives a mean bearing of reference mark as N. 53° 02' 45" W. and to the corresponding meridian all the courses of this survey are referred.

Boundaries of Claim.

July 21, 1915.

Tract A.

Beginning at cor. No. 1.

Identical with cor. H-1 of the list survey, which is a porphyry stone 6 x 16 x 24 ins. above ground, marked



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and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 2 x 2 x 3 ins, marked with a + 18 ins. in the ground, over which set a porphyry stone 5 x 15 x 28 ins. chiseled + for the point and 1 - H E S 279 on S. face; raise a mound of stone 4 ft. base, 3 ft. high S. of cor. whence:

A nail in a juniper 30 ins. dia., bears S. 17° 37' E., 73 lks. dist.

A nail in a white oak 16 ins. dia., bears N. 74° 38' W., 104 lks. dist.

Each blazed and scribed 1 H E S 279 B T.

U. S. M. M. No. 2099, California mining district, which is a pole centered over an iron bolt cemented in place, marked and witnessed as described by the Surveyor General bears N. 54° 55' E., 137.21 chains dist. by traverse which appears at the end of these notes. This monument is about as near as U. S. M. M. No. 2220 and is more accessible than the former.

The 1/4 Sec. Cor. on W. bdy. of Sec. 31, T. 16 S.,

R. 31 E., which is a stone firmly set marked and witnessed as described by the Surveyor General bears N. 78° 45' E., 352.12 chains dist. by traverse which appears at the end of these notes.

This tie is given only for the purpose of locating the claim with reference to the public land surveys.

The observed magnetic declination at 8h. 00m., a.m., is 14° 15' E. which corrected for diurnal change gives a mean magnetic variation of 14° 11' E.

Lat. 31° 58' 50" N. Long. 109° 17' 30" W. by account from Land Office Map.



Chains

- I did not discover that this claim was within 2 miles of the E. bdy. of T. 16 S., R. 29 E., until a projection of the various claims had been made in the office. Thence S. 46° 20' E.
- Descend 90 ft. over steep SE. slope thru dense oak brush, oak and juniper timber.
- 0.90 Pipe line leading to wooden tank bears NE. and SW.
- 2.90 Road to mining prospect bears NE. and SW.
- 3.40 Wire fence bears NE. and SW.
- 4.30 N. fork of Pinery creek, 20 lks. wide, with running water 5 lks. wide, 2 ins. deep, course SW. Bottom of descent. Ascend 110 ft. to cor. over steep rocky W. slope.
- 11.10 To Cor. No. 2. Identical with cor. H-2 of the list survey, which is a limestone 4 x 8 x 16 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 2 x 2 x 3 ins. marked with a + 24 ins. in the ground, over which set a sandstone 5 x 14 x 34 ins, chiseled + for the point and 2- H E S 279 on W. face; raise a mound of stone 4 ft. base, 3 ft. high W. of cor. whence:
- A nail in a juniper 14 ins. dia. bears N. 30° 58' W., 58 lks. dist.
- A nail in a white oak 12 ins. dia., bears S. 35° 29' W., 104 lks. dist.
- Each blazed and scribed 2 H E S 279 B T.
- 
- Thence S. 44° 01' W.
- Descend 130 ft. over steep rocky SW. slope, thru dense oak brush, oak and juniper timber.
- 5.00 Wash, 10 lks. wide, with running water, 5 lks. wide, 2 ins. deep, course NW. Bottom of descent and ascend 50 ft. over steep rocky NE. slope.



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- 9.30 Wire fence bears NW. and SE.
- 10.80 Top of ascent. Descend 120 ft. to cor. over gradual NW. slope.
- 14.50 Arroyo, 20 ft. deep, 175 lks. wide, course north.
- 24.00 Arroyo, 15 ft. deep, 50 lks. wide, course NW.
- 30.40 Arroyo, 30 ft. deep, 100 lks. wide, course NW.
- 34.80 Arroyo, 25 ft. deep, 175 lks. wide, course NW.
- 45.93 To Cor. No. 3.

Identical with cor. H-3 of the list survey, which is a limestone 6 x 12 x 20 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 2 x 3 x 5 ins. marked with a + 15 ins. in the ground, over which set a limestone 7 x 8 x 25 ins. chiseled + for the point and 3 - H E S 279 on N. face; raise a mound of stone 4 ft. base, 3 ft. high N. of cor. whence:

A nail in a blackjack pine 10 ins. dia., bears S. 43° 22' E., 15 lks. dist.

A nail in a white oak 8 ins. dia., bears N. 15° 35' E., 18 lks. dist.

Each blazed and scribed 3 H E S 279 B T.

Thence N. 63° 48' W.

Descend 90 ft. over gradual NW. slope thru dense undergrowth, oak and juniper timber.

2.00 Wash, 8 lks. wide, course N. 15° 00' W.

4.30 Same wash, course SW.

9.75 N. fork of Pinery creek, 15 lks. wide, course SSW.

Bottom of descent, thence over level bottom land.

11.69 To Cor. No. 4.

Deposit a limestone 1 x 1 x 2 ins., marked with a +



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14 ins. in the ground, over which set a limestone

4 x 10 x 24 ins. chiseled + for the point and

4 - H E S 279 on E. face; raise a mound of stone

4 ft. base, 3 ft. high E. of cor. whence:

A nail in a black walnut 8 ins. dia., bears

N. 85° 12' E., 32 lks. dist.

A nail in a post oak 6 ins. dia., bears S. 12°

45' E., 33 lks. dist.

Each blazed and scribed 4 H E S 279 B T.

Thence N. 37° 47' E.

Along E. side of road exception over level bottom land, thru dense undergrowth, oak, juniper and walnut timber.

1.50 N. fork of Pinery Creek, 20 lks. wide, course S. 30° 00' E.

3.50 Road bears N. 50° 00' E. and S. 45° 00' W.

10.00 Road bears N. and S.

10.48 To Cor. No. 5.

Deposit a limestone 1 x 2 x 4 ins. marked with a +

14 ins. in the ground, over which set a porphyry

stone 8 x 14 x 24 ins. chiseled + for the point

and 5 - H E S 279 on SE. face; raise a mound of stone

4 ft. base, 3 ft. high SE. of cor. whence:

A nail in a black oak 10 ins. dia. bears S. 69°

10' E., 28 lks. dist.

A nail in a yellow pine 26 ins. dia., bears

S. 28° 40' W., 99 lks. dist.

Each blazed and scribed 5 H E S 279 B T.

Thence N. 78° 28' E.

Over gently rolling land, thru dense undergrowth, oak and juniper timber along S. side of road exception.



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7.75 N. fork of Pinery creek, 20 lks. wide, course N. 70°  
00' W.

10.10 N. fork of Pinery creek, 20 lks. wide, course SW.

15.50 Ascend steep point 25 ft. to cor.

16.15 To Cor. No. 6.

Deposit a limestone 2 x 3 x 3 ins. marked with a +  
14 ins. in the ground, over which set a limestone  
4 x 18 x 24 ins. chiseled + for the point and  
6 - H E S 279 on SE. face; raise a mound of stone  
3 ft. base, 2-1/2 ft. high SE. of cor. whence:

A nail in a juniper 5 ins. dia., bears  
N. 36° 10' E., 9-1/2 lks. dist.

A nail in a juniper 24 ins. dia. bears  
N. 86° 00' W., 29 lks. dist.

Each blazed and scribed 6 H E S 279 B T.

July 21, 1915.

July 22, 1915.

Thence N. 50° 03' E.

Descend 15 ft. thru dense undergrowth, oak, juniper and  
walnut timber along E. side of road exception.

6.01 N. fork of Pinery creek, 20 lks. wide, course west.  
Bottom of descent thence over level bottom land.

8.21 To Cor. No. 7.

Deposit a limestone 2 x 3 x 4 ins. marked with a +  
14 ins. in the ground, over which set a limestone  
6 x 8 x 24 ins. chiseled + for the point and  
7 - H E S 279 on SE. face; raise a mound of stone  
4 ft. base, 3 ft. high SE. of cor. whence:

A nail in a juniper 8 ins. dia., bears S.  
24° 03' W., 58 lks. dist.



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A nail in a black walnut 6 ins. dia. bears S.  
83° 17' E., 40 lks. dist.

Each blazed and scribed 7 H E S 279 B T.

Thence N. 24° 59' E.

Along E. side of road exception. Ascend 50 ft. to cor.  
thru dense undergrowth, oak, juniper and walnut timber.

7.80 Wire fence bears N. 70° 00' W. and S. 70° 00' E. Enter  
barn yard.

8.45 To Cor. No. 8.

Deposit a porphyry stone 2 x 2 x 3 ins. marked with a  
+ 15 ins. in the ground, over which set a limestone  
8 x 14 x 25 ins. chiseled + for the point and  
8 - H E S 279 on SE. face; raise a mound of stone  
3 ft. base, 2-1/2 ft. high SE. of cor. whence:

A nail in a black walnut 12 ins. dia., bears  
S. 71° 46' E., 115 lks. dist.

A nail in a white oak 12 ins. dia., bears  
S. 56° 00' W., 30 lks. dist.

Each blazed and scribed 8 H E S 279 B T.

Thence N. 11° 53' E.

Ascend 80 ft. to cor. over open land across barn yard  
along E. side of road exception.

1.26 Wire fence bears N. 12° 00' E. and S. 12° 00' W. Leave  
barn yard.

1.36 Enter road.

2.60 Leave road bearing N. 11° 00' E. and S. 11° 00' W.

2.70 Wire fence bears N. and S. Enter edge of cultivated land.

8.75 Wire fence bears E. and W. Leave cultivated land.

8.85 Road to mining prospect bears E. and W. Fence cor. bears  
west 50 lks. dist.



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Chains

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

Tract B.

Beginning at point for Cor. No. 9.

Deposit a limestone 1 x 3 x 5 ins. marked with a +  
14 ins. in the ground, over which set a limestone  
6 x 14 x 24 ins. chiseled + for the point and  
9 - H E S 279 on SW. face; raise a mound of stone  
4 ft. base, 3 ft. high SW. of cor. whence:

A nail in a white oak 16 ins. dia. bears S. 25°  
30' E., 56-1/2 lks. dist.

A nail in a black oak 14 ins. dia. bears S. 76°  
15' W., 88-1/2 lks. dist.

Each blazed and scribed 9 H E S 279 B T.

Cor. No. 1 bears N. 53° 09' E., 69 lks. dist.

Thence S. 11° 53' W.

Descend 80 ft. along W. side of road exception thru  
dense undergrowth and scattering oak and juniper  
timber.

2.00 Enter road.

4.00 Leave road bearing S. 10° 00' W.

10.69 To Cor. No. 10.

Deposit a porphyry stone 1 x 3 x 5 ins. marked with a  
+ 14 ins. in the ground, over which set a limestone  
8 x 12 x 22 ins., (no longer stone available), chiseled  
+ for the point and 10 - H E S 279 on W. face; raise  
a mound of stone 4 ft. base, 3 ft. high W. of cor.  
whence:

A nail in a white oak 12 ins. dia. bears  
S. 65° 20' W., 54 lks. dist.

A nail in a black oak 5 ins. dia., bears  
N. 14° 45' W., 33-1/2 lks. dist.

Each blazed and scribed 10 H E S 279 B T.



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Thence S. 24° 59' W.

Along W. side of road exception. Descend 45 ft. to

cor. thru dense undergrowth and scattering oak, juniper and walnut timber.

8.30 To Cor. No. 11.

Deposit a sandstone 2 x 2 x 3 ins. marked with a +

14 ins. in the ground, over which set a limestone

5 x 10 x 24 ins. chiseled + for the point and

11 - H E S 279 on NW. face; raise a mound of stone

4 ft. base, 3 ft. high NW. of cor. whence:

A nail in a black oak 5 ins. dia., bears

N. 61° 20' W., 49 lks. dist.

A nail in a black oak 6 ins. dia., bears

S. 45° 12' W., 14 lks. dist.

Each blazed and scribed 11 H E S 279 B T.

July 22, 1915.

July 23, 1915.

Thence S. 50° 03' W.

Along NW. side of road exception over level bottom

land thru dense undergrowth, oak, juniper and walnut

timber.

2.50 N. fork of Pinery creek, 20 lks. wide, course west.

7.99 To Cor. No. 12.

Deposit a sandstone 2 x 2 x 4 ins. marked with a +

12 ins. in the ground, over which set a limestone

6 x 16 x 22 ins. (no longer stone available) chiseled

+ for the point and 12 H E S 279 on NW. face; raise

a mound of stone 4 ft. base, 3 ft. high NW. of cor.

whence:

A nail in a juniper 30 ins. dia. bears N. 86°

50' W., 147 lks. dist.



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A nail in a black walnut 10 ins. dia. bears  
N. 16° 30' W., 47-1/2 lks. dist.  
Each blazed and scribed 12 H E S 279 B T.

Thence S. 78° 28' W.  
Along N. side of road exception thru dense undergrowth,  
oak, juniper and walnut timber over level bottom land.

5.00 N. fork of Pinery creek, 20 lks. wide, course SW.

6.00 Road bears N. 80° 00' W. and S. 80° 00' E.

9.50 N. fork of Pinery creek, 20 lks. wide, course N. 70° 00' W.

11.00 Road bears NE. and S. 75° 00' W.

16.20 To Cor. No. 13.

Deposit a limestone 2 x 3 x 4 ins. marked with a +  
14 ins. in the ground, over which set a porphyry stone  
8 x 12 x 24 ins. chiseled + for the point and  
13 - H E S 279 on NW. face; raise a mound of stone  
4 ft. base, 3 ft. high NW. of cor. whence:

A nail in a black oak 6 ins. dia. bears  
N. 76° 50' W., 24 lks. dist.

A nail in a black oak 6 ins. dia., bears  
N. 49° 18' E., 33 lks. dist.

Each blazed and scribed 13 H E S 279 B T.

Thence S. 37° 47' W.

Along W. side of road exception thru dense undergrowth,  
oak, juniper and walnut timber, over level bottom land.

9.30 N. fork of Pinery creek, 20 lks. wide, course SE.

10.74 To Cor. No. 14.

Deposit a limestone 2 x 2 x 3 ins. marked with a +  
14 ins. in the ground, over which set a limestone  
5 x 7 x 23 ins. (no longer stone available) chiseled



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+ for the point and 14 H E S 279 on N. face; raise a mound of stone 4 ft. base, 3 ft. high. N. of cor. whence:

A nail in a white oak 8 ins. dia. bears

S. 22° 53' W., 77 lks. dist.

A nail in a wild cherry tree 6 ins. dia.,

bears N. 74° 22' E., 59 lks. dist.

Each blazed and scribed 14 H E S 279 B.T.

Cor. No. 4 bears S. 63° 48' E., 464 lks. dist.

fraction of links not to be used in this connection

Thence N. 63° 48' W.

Over level bottom land, thru dense undergrowth, oak, juniper and walnut timber.

2.00 Leave bottom land. Ascend 70 ft. to cor. over gradual rocky SE. slope.

8.28 To Cor. No. 15. Identical with cor. H-4 of the list survey, which is a porphyry stone 10 x 12 x 18 ins. above ground, marked and witnessed as described by the Forest Service. I

destroy all trace of this list cor. Deposit a porphyry stone 1 x 2 x 4 ins. marked with a + 16 ins. in the ground, over which set a porphyry stone 14 x 16 x 26 ins. chiseled + for the point and 15 - H E S 279 on E. face; raise a mound of stone 4 ft. base, 3 ft. high E. of cor. whence;

A nail in a juniper 8 ins. dia., bears

N. 63° 00' W., 70 lks. dist.

A nail in a juniper 6 ins. dia., bears

N. 66° 58' E., 116 lks. dist.

Each blazed and scribed 15 H E S 279 B.T.



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Thence N. 53° 09' E.  
 Ascend 220 ft. over gradual SE. slope covered with large loose rock and practically denuded of all soil thru dense undergrowth, pinon, juniper and oak timber.  
 13.00 Wash, 10 lks. wide, course SE.  
 29.50 Arroyo, 10 lks. wide, 15 ft. deep, course S. 60° 00' E.  
 36.00 Top rocky spur bears N. 60° 00' W., and S. 60° 00' E.  
 Descend 40 ft. over gradual E. slope.  
 37.50 Arroyo, 300 lks. wide, 50 ft. deep, course S. 60° 00' E.  
 45.25 Arroyo, 100 lks. wide, 15 ft. deep, course SE. Bottom of descent and ascend 20 ft. to cor.  
 50.55 Old road bears N. and S.  
 52.14 To Cor. No. 9, the place of beginning.

AREA

Area in Tract A.	33.46 acres
Area in Tract B.	37.62 acres
<b>Total</b>	<b>71.08 acres</b>

IMPROVEMENTS

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

A redwood tank 12 ft. dia. 10 ft. high, the center of which bears S. 30° 00' E., 100 lks. dist. from Cor. No. 1.

Value \$125.00

A galvanized iron tank, 6 ft. dia., 7 ft. high, the center of which bears S. 48° 15' W., 10.25 chains dist. from cor. No. 2.

Value \$ 50.00

A frame stable 16 x 16 ft., course of sides NW. and SE., the NW. cor. of which bears N. 66° 40' E., 51 lks.



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dist. from Cor. No. 8.

Value \$25.00

A frame house 12 x 14 ft., course of long sides NW. and SE., the SW. cor. of which bears N. 36° 54' E., 181 lks. dist. from cor. No. 8.

Value \$50.00

A frame kitchen, 12 x 12 ft., course of sides NW. and SE., the SW. cor. of which bears N. 43° 22' E., 202 lks. dist. from cor. No. 8.

Value \$30.00

A frame chicken house 8 x 12 ft., course of long sides E. and W., the SE. cor. of which bears N. 1° 30' W., 228 lks. dist. from cor. No. 8.

Value \$10.00

About 1/4 of a mile of barbed wire fencing.

Value \$25.00

Total value of improvements.

\$315.00

GENERAL DESCRIPTION

This claim lies in a narrow wooded valley along the N. fork of Pinery canyon. The claim is very rugged and rocky and covered with dense oak brush, oak, juniper and black walnut timber, of little commercial value. About three acres have been cleared of brush and timber and planted in vegetables which appears to thrive remarkably well at this altitude. Fruit also seems to produce abundantly.

Water for irrigation and all domestic purposes is obtained from Pinery creek which is piped into two large tanks located on the claim. The water from



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Chains

Pinery creek sinks a short distance below claimant's house.

While the claim is located in a mineralized section, there appear to be no prospects worthy of mention. The soil along the canyon is a sandy loam, while that along the hillsides is too rocky for farming and is suitable for pasture land only.

Paradise is the nearest postoffice and trading place.

It is about 20 miles in a southeasterly direction and is reached by mountain trails.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims.

The Pinery Creek Administrative Site which joined this claim on the west has subsequently been released.

TRAVERSE - TRACT A.

Cor.	Course	Dist.	N.	S.	E.	W.	
1-2	S. 46° 20' E.	11.10		7.66	8.03		
2-3	S. 44° 01' W.	45.93		33.03		31.92	
3-4	N. 63° 48' W.	11.69	5.16			10.49	
4-5	N. 37° 47' E.	10.48	8.28		6.42		
5-6	N. 78° 28' E.	16.15	3.23		15.82		
6-7	N. 50° 03' E.	8.21	5.27		6.29		
7-8	N. 24° 59' E.	8.45	7.66		3.57		
8-1	N. 11° 53' E.	11.26	11.02		2.32		
			123.27	40.62	40.69	42.45	42.41

Error in Lat. and Dep.

40.62    42.41  
.07    .04

Closing Error 1:1529



CHIRICAHUA NATIONAL FOREST

STATE OF ARIZONA

Chains

TRVERSE - TRACT B.

Cor.	Course	Dist.	N.	S.	E.	W.
9-10	S. 11° 53' W.	10.69		10.46		2.20
10-11	S. 24° 59' W.	8.30		7.52		3.51
11-12	S. 50° 03' W.	7.99		5.13		6.12
12-13	S. 78° 28' W.	16.20		3.24		15.87
13-14	S. 37° 47' W.	10.74		8.49		6.58
14-15	N. 63° 48' W.	8.28	3.66			7.43
15-9	N. 53° 09' E.	52.14	31.27		41.72	
			114.34	34.93	34.84	41.72
				34.84		41.71

Error in Lat. and Dep. .09 .01

Closing error 1:1262

Tie from the 1/4 Sec. Cor. on W. bdy. Sec. 31,  
T. 16 S., R. 31 E. to Cor. No. 1, H. E. S. 279.

Course	Dist.	N.	S.	E.	W.	
N. 89° 51' W.	121.48	.32			121.48	
N. 78° 11' W.	55.80	11.43			54.62	
S. 88° 25' W.	57.00		1.58		56.98	
S. 69° 08' W.	82.18		29.27		76.79	
S. 31° 57-1/2' W.	71.42		60.60		37.81	
N. 11° 58' E.	11.26	11.02		2.32		
			22.77	91.45	2.32	347.68
				22.77		2.32
				68.68		345.36

N. 78° 45' E.	352.12	68.68		345.36	
			352.12	68.68	345.36

Tie from Cor. No. 1 to U.S.M.M. 2099.

Course	Dist.	N.	S.	E.	W.
S. 11° 58' W.	11.26		11.02		2.32
N. 31° 57-1/2' E.	71.42	60.60		37.81	
N. 69° 08' E.	82.18	29.27		76.79	
			89.87	11.02	114.60
				11.02	2.32
N. 54° 55' E.,	137.21	78.85		112.28	

Survey completed July 23, 1915.

*C.A. Long*  
Surveyor - Forest Service.



DIRECTIONS.—1. Carry out calculation 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.

**Tract A.**  
**STATE OF ARIZONA**  
**Christophor Grauer.**

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 272

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 46° 20' E.	11.10		7 66	8 03	76 83		588 52	✓
2-3	S. 44° 01' W.	45.93		33 03		52 92		1746 36	✓
3-4	N. 63° 48' W.	11.69	5 16		6 42	10 49	54 23		
4-5	N. 37° 47' E.	10.48	8 28		15 82	6 42	53 16		
5-6	N. 78° 28' E.	16.15	3 23		6 29	28 65	93 11		
6-7	N. 50° 03' E.	8.21	5 27		3 57	50 75	267 45		
7-8	N. 24° 59' E.	8.45	7 66		2 32	60 61	464 27		
8-1	N. 11° 53' E.	11.26	11 02		42 45	66 49	733 38		
		123.27	40 62	40 69	42 45	42 41	1665 60	2334 88	
			40 66	40 66	42 43	42 43		1665 60	
								2) 669 28	
								334 64	
								Area 33.46 acres	

Closing error 1:1529

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EM



UNREGISTERED CLERK

STATE OF CALIFORNIA

CYCLES ON VEHICLE

REGISTRATION OF VEHICLES

COPIES

GROUP 0A, 0B, 0C, 0D, 0E, 0F, 0G, 0H, 0I, 0J, 0K, 0L, 0M, 0N, 0O, 0P, 0Q, 0R, 0S, 0T, 0U, 0V, 0W, 0X, 0Y, 0Z

CERTIFICATE OF REGISTRATION

1. Only those copies of this registration are necessary to be retained for the purpose of proving the title of the vehicle.

2. In cases where the vehicle is registered in the name of a partnership or other unincorporated firm, the name of the partnership or firm shall be written in the space provided for the name of the owner.

3. The name of the owner shall be written in the space provided for the name of the owner.

4. The name of the owner shall be written in the space provided for the name of the owner.

5. The name of the owner shall be written in the space provided for the name of the owner.



- 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.  
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.

TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 279, STATE OF ARIZONA, Tract B. Christopher Grauer.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.				
9-10	S. 11° 53' W.	10.69		10 46 <sup>7</sup>		2	20	81 22		850 37✓
10-11	S. 24° 59' W.	8.30		7 52 <sup>3</sup>		3	51	75 51		568 59✓
11-12	S. 50° 03' W.	7.99		5 13		6	12	65 88		337 96✓
12-13	S. 78° 28' W.	16.20		3 24 <sup>6</sup>		15	87	43 89		143 08✓
13-14	S. 37° 47' W.	10.74		8 49 <sup>50</sup>		6	58	21 44		182.2 24
14-15	N. 63° 48' W.	8.28	3 66 <sup>3</sup>			7	43	7 43	27 19✓	
15- 9	N. 53° 09' E.	52.14	31 27		41 72			41 71	1302 60✓	
		114.34	34 93	34 84	41 72	41 71	71		1329 79	2082 24
			34 89	34 89	41 71	41 71			1329 79	1329 79
									2752 45	2752 45
									376.22	376.22
									Area 37.62 acres	Area 37.62 acres
Closing Error 1:1262										

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EM



APPROVAL

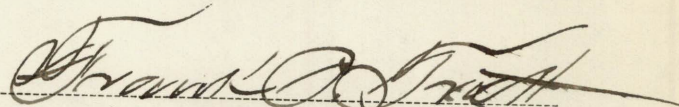
Office of the United States Surveyor General,

Phoenix, Arizona, June 4 , 1917.

The foregoing field notes of Homestead Entry Survey No.

279

executed by **C. A. Long, Surveyor - Forest Service** [Forest Service Title.]  
under his special instructions, dated **October 1** , 1914, having  
been critically examined, and the necessary corrections and explanations  
made, the said field notes, and the surveys they describe, are hereby  
approved.

  
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the  
above-described survey in the State of **Arizona** , has been  
correctly copied from the original notes on file in this office.

-----  
**Frank P. Trott**  
U. S. Surveyor General.