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ORIGINAL
U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

135
JAN 27 1920
JAN 20 1919
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FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 528

SITUATED IN THE CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 6 , - surveyed, Township 21 S., Range 16 E.

In Section 1 , unsurveyed, Township 21 S., Range 15 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA

Applicant for listing J. C. Longstreet,

Residence Patagonia, Arizona

Application No. 271 , dated July 6 , 1914

List No. 3-3319 , dated September 21 , 1914

Applicant for survey J. C. Longstreet,

Residence Patagonia, Arizona

H. E. No. 026591 , dated January 22 , 1915

Office
Land District Phoenix, Arizona

Survey executed by C. A. Long, Surveyor - Forest Service
(Forest Service Title.)

Under special instructions dated March 28 , 1917

Survey commenced April 30 , 1917

Survey completed May 6 , 1917

Under Acts of June 11, 1906 and August 11, 1916



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. **528**, 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.

J. H. Washburn

Chainman

Henry J. Hiller

Chainman

Subscribed and sworn to before me this **6th** day of

May, 19**17**.

C. A. Long

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
March 28, 19**17**, 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. **3-3319**, dated **Sept. 21, 1914**, for
PATENT, under the Act of **June 11**, 1906,
the same to be known as Homestead Entry Survey No. **528**,
situated within the **CORONADO** National Forest, in
- surveyed Section **6**, Township **21 S.**, Range **16 E.**, and
un-surveyed Section **1**, Township **21 S.**, Range **15 E.**,

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

C. A. Long

Surveyor-Forest Service
[Forest Service Title.]

Subscribed and sworn to before me this **ninth** day of

November, 19**18**.

Ethel G. Myers

Notary Public



8-2349

My Commission expires March 17, 1921.

Chains

Applicant for listing, J. C. Longstreet; Application No. 271 dated July 6, 1914; List No. 3-3319, dated September 21, 1914; H. E. 026591 made in the Phoenix Land Office on January 22, 1915 by J. C. Longstreet. Surveyed under special instructions from the Surveyor General for Arizona, dated March 28, 1917, and designated as Homestead Entry Survey No. 528. Situated in Sec. 6, T. 21 S., R. 16 E., survey accepted, and in what will probably be when surveyed, sec. 1, T. 21 S., R. 15 E., Gila and Salt River Base and Meridian, Coronado National Forest, Arizona. Surveyed under the Acts of June 11, 1906 and August 11, 1916.

Survey commenced April 30, 1917, and executed with a Buff and Buff transit No. 10530, 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.

April 30, 1917.

At Cor. No. 1, hereinafter described, at 6h. 32m. p.m.; l.m.t., I observe Polaris with telescope direct, reading an angle of $63^{\circ} 18'$ from star to right to a reference mark about one mile dist. Lat. $31^{\circ} 38' 15''$ N., Long. $110^{\circ} 45' 35''$ W., from Patagonia Quadrangle U.S.G.S.

2.

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains	Greenwich m.t. U.C. Pol., April 30, 1917	10h.58.1m.a.m.
	Corr. for Long.	1.2
	l.m.t. U.C. Pol., April 30, 1917	10h.56.9m.
	Astron. l.m.t. U.C. Pol., April 29, 1917	12h.00.0
	Astron. l.m.t. of obsn., April 29, 1917	22h.56.9m.
	Hour angle	30h.32.0
	Azimuth of Pol. at time of obsn.	= 7h.35.1
	Bearing of reference mark	= 1°12'42" W.
	At the same station at 6h. 33m.p.m., l.m.t. I again observe Polaris with telescope reversed, reading an angle of 63° 18' from star to right to the same reference mark.	N. 62° 05' 18" E.
	Astron. l.m.t. U.C. Pol., April 29, 1917	22h.56.9m.
	Astron l.m.t. of Obsn. April 29, 1917	30h.33.0
	Hour angle	= 7h.36.1
	Azimuth of Pol. at time of obsn.	1° 12'34" W.
	Bearing of reference mark	N. 62° 05' 26" E.
	The two observations gives a mean bearing of reference mark of N. 62° 05' 22" E., and from the corresponding meridian all courses of this survey were deflected.	
	In connection with the survey of H.E.S. 529, on April 21, 1917, I retrace the Public Land Lines as follows:	
	RETRACEMENTS AND RESURVEYS	
	Beginning at the true point for cor. to Secs. 7, 8, 17 and 18, which is an old mound of stone in the center of which I find the end of a decayed oak post. In the same place I set a limestone 6 x 6 x 18 ins., 12 ins. in the ground, marked 4 notches on S. and 5 notches on E. edges; and raise a mound of stone 4 ft. base, 3 ft. high W. of cor., whence:	
	A dead oak 18 ins. dia. marked <u>XVIII</u> bears S. 29° 45' W., 136 lks. dist. (old B.T.)	

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Chains

An old blaze on a white oak 16 ins. dia. bears
S. 44° 05' E., 85 lks. dist. (Old B T).

I witness the cor. as follows:

A black oak 8 ins. dia., blazed and scribed
T 21 S R 16 E S 18 B T, bears S. 41° 00' W.
20 lks. dist.

A black oak 12 ins. dia., blazed and scribed
T 21 S R 16 E S 17 B T bears S. 2° 20' E.,
106 lks. dist.

A black oak 18 ins. dia. blazed and scribed
T 21 S R 16 E S 17 B T, bears S. 80° 10' E.,
217 lks. dist.

Thence North,

Retracing line bet. secs. 7 and 8.

40.00 Find no trace of the 1/4 sec. cor. bet. secs. 7 and 8.

80.00 Find no trace of the cor. to secs. 5, 6, 7 and 8.

120.00 Find no trace of the 1/4 sec. cor bet. secs. 5 and 6.

158.94 Fall 4 lks. W. of the true point for closing cor. bet.
secs. 5 and 6 on Fourth Standard Parallel North, which
I determine by measurement from the old witness trees.
At this point I set a limestone 6 x 14 x 28 ins. 18 ins.
in the ground, marked C C on S. and 5 notches on E. and
1 notch on W. edges; and raise a mound of stone 4 ft.
base, 3 ft. high S. of cor., whence:

A black oak 14 ins. dia. blazed but no marks
visible, bears S. 19° 00' E., 35 lks. dist.
(Old B T)(Field notes from Surveyor General
record an oak 12 ins. dia. S. 8-1/2° E. 35 lks.)

A black oak 20 ins. dia. blazed but no marks vis-
ible bears N. 38° 30' W., 80 lks. dist. (Old BT)
(Field notes from Surveyor General record an oak
13 ins. dia. N. 43-1/4° W. 80 lks.)

Note: Lines run from the above witness trees on
record courses would not intersect at the record
distances. Cor. was therefore restored from

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains

record distances.

I take additional witness trees as follows:

A black oak 14 ins. dia., blazed and scribed

C C T 21 S R 16 E S 5 B T, bears S. $43^{\circ} 35'$
E., 209 lks. dist.

A white oak 12 ins. dia., blazed and scribed

C C T 21 S R 16 E S 6 B T bears S. $1^{\circ} 10' W.$,
82 lks. dist.

The Standard Cor. to secs. 31 and 32, T. 20 S.,

R. 16 E., hereinafter described, bears N. 89°
 $40' E.$, 8.80 chs. dist.Thence S. $0^{\circ} 01' W.$,

On a true line.

79.37 The proportionate point for Cor. to secs. 5, 6, 7 and 8,
as determined from the proportion $159.80:158.94 :: 79.80$
: X. Set a temporary point for future reference in
re-establishing the corner.

158.94 The cor. to secs. 7, 8, 17 and 18, heretofore described.

April 21, 1917.

 April 22, 1917 - Sunday

April 23, 1917.

Beginning at the cor. to secs. 1, 6, 7 and 12, T. 21 S.,

Rs. 15 and 16 E., which is an oak post 4 x 4 x 36 ins.
badly decayed, no marks visible, set in the ground and
surrounded by a mound of stone. In the same place Iset a limestone 6 x 14 x 24 ins., 14 ins. in the
ground, marked 1 notch on North and 5 notches on South
faces. I place the old cor. post alongside; and raise
a mound of stone 4 ft. base 3 ft. high W. of cor., whence:

The original witness tree, which is an old

blaze on a white oak 12 ins. dia. No marks
visible owing to decay, bears S. $22^{\circ} 15' W.$,

HOMESTEAD ENTRY SURVEY NO. 528

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Chains 8 lks. dist. I blaze and scribe the same
tree T 21 S R 15 E S 12 B T. (Field notes from
Surveyor General record tree as S. 20° W. 8 lks. dist.)
An old blaze on a black oak 10 ins. dia., the
marks having been obliterated through decay,
bears N. 43° 45' W., 61 lks. dist. (Field notes
from Surveyor General record tree as N. 45° W. 62 lks.)
A white oak 14 ins. dia., blazed and scribed
T 21 S R 16 E S 6 B T, bears N. 35° 30' E.,
59 lks. dist. (New B.T.)
Thence East (Record course N. 89° 52' E.)
On a random line bet. secs. 6 and 7:
38.10 Find no trace of the 1/4 sec. cor. bet. secs. 6 and 7.
78.10 Find no trace of the cor. to secs. 5, 6, 7 and 8.
118.10 Find no trace of the 1/4 sec. cor. bet. secs. 5 and 8.
158.10 Find no trace of the cor. to secs. 4, 5, 8 and 9.
198.10 Find no trace of the 1/4 sec. cor. bet. secs. 4 and 9.
235.54 Fall 68 lks. S. of the cor. to secs. 3, 4, 9 and 10,
which is a red sandstone 6 x 6 x 8 ins. above ground,
firmly set and marked with 5 notches on S. and 3
notches on E. faces; whence:
A white oak 14 ins. dia. with traces of the
old marks visible, bears S. 47° 15' W., 28
lks. dist. (Field notes from Surveyor General
record tree as S. 47° W. 29 lks.)
A white oak 14 ins. dia.; with traces of the
old marks visible, bears S. 75° 00' W., 60
lks. dist. (Field notes from Surveyor General
record tree as S. 75-1/2° W. 62 lks.)
(Evidently this cor. has been restored from
the old bearing tree by a private surveyor.)
April 23, 1917.

April 24, 1917.
From the cor. to secs. 3, 4, 9 and 10, heretofore de-
scribed.
Thence S. 89° 50' W.
On a true line bet. secs. 4 and 9.

Chains

40.00 I again make search for the 1/4 sec. cor. bet. secs. 4 and 9, and find no trace of cor.

80.00 I again make search for the cor. to secs. 4, 5, 8 and 9, and find no trace of cor.

120.00 I again make search for the 1/4 sec. cor. bet. secs. 5 and 8 and find no trace of cor.

158.40 The proportionate point for cor. to secs. 5, 6, 7 and 8, as determined from the proportion:

$$238.47:235.54 = 160.37:X.$$

At this point I set a temp. stake for future reference in reestablishing the cor.

235.54 intersect the cor. to secs. 1, 6, 7 and 12, heretofore described.

From the proportionate point on the meridional line set at 79.37 chains S. 0° 01' W., from the Closing Corner bet. secs. 5 and 6. I run East 81 lks. and intersect a line run North 3 lks. dist. from the proportionate point set at 158.40 chs. S. 89° 50' W. from the cor. to secs. 3, 4, 9 and 10. At this point I set a limestone 6 x 6 x 18 ins. 12 ins. in the ground for cor. secs. 5, 6, 7, and 8, marked with 5 notches on the East and South edges; and raise a mound of stone 4 ft. base, 3 ft. high West of cor. and take the following witness trees:

A white oak 10 ins. dia., blazed and scribed

T 21 S R 16 E S 6 B T, bears N. 78° 00' W.,
25 lks. dist.

A white oak 14 ins. dia., blazed and scribed

T 21 S R 16 E S 5 B T, bears N. 23° 20' E.,
95 lks. dist.

A lookout tower on Santa Rita Peak, bears N. 54° 00' W.

Chains

The SW. Cor. of Camp Crittenden Military Reservation, a wooden post 4 x 4 x 36 ins. above ground, marked and witnessed as described by the Surveyor General, bears N. $9^{\circ} 47' W.$, approximately 18 chs.

Beginning at the Cor. to secs. 5, 6, 7 and 8, heretofore described.

Thence S. $89^{\circ} 49' W.$

On a true line bet. secs. 6 and 7.

39.51 The proportionate point for $1/4$ sec. cor. bet. secs. 6 and 7 as determined from the proportion:

$$78.10: 77.14 = 40.00: X.$$

At this point I set a quartzite stone 12 x 12 x 16 ins. 10 ins. in the ground marked $1/4$ on North face; and raise a mound of stone 4 ft. base, 3 ft. high North of cor.

I continue on course and at

77.14 intersect the cor. to secs. 1, 6, 7 and 12, heretofore described.

From the cor. to secs. 5, 6, 7 and 8, heretofore described.

Thence N. $0^{\circ} 34' W.$

On a true line bet. secs. 5 and 6.

39.78 The proportionate point for $1/4$ cor. bet. secs. 5 and 6, as determined by the proportion:

$$79.80: 79.37 = 40.00: X.$$

At this point I set a limestone 8 x 10 x 16 ins. 10 ins. in the ground, marked $1/4$ on West face; and raise a mound of stone 4 ft. base, 3 ft. high West of cor., whence:

8.

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Chains

A white oak 12 ins. dia., blazed and scribed
1/4 S 6 B T, bears N. 46° 30' W., 73 lks. dist.

A white oak 14 ins. dia., blazed and scribed
1/4 S 5 B T, bears N. 74° 00' E., 85 lks.
dist.

I continue on course and at

79.37 Intersect the closing corner bet. secs. 5 and 6 on
Fourth Standard Parallel North, heretofore described.

From the cor. to secs. 5, 6, 7 and 8, heretofore de-
scribed.

Thence S. 0° 36' W.

On a true line bet. secs. 7 and 8:

39.785 The proportionate point for 1/4 sec. cor. bet. secs. 7
and 8, At this point I set a quartzite stone
4 x 8 x 16 ins. 10 ins. in the ground, marked 1/4
on West face; and raise a mound of stone 4 ft. base,
3 ft. high West of cor.

I continue on course and at

79.57 Intersect the cor. to secs. 7, 8, 17 and 18, heretofore
described.

April 24, 1917.

April 25, 1917

Beginning at the Standard Cor. to secs. 31, and 32, T.

20 S., R. 16 E. on the Fourth Standard Parallel North,
which is an oak post 4 ins. dia., badly decayed and
marks nearly obliterated, and witnessed as described
by the Surveyor General. In the same place I set
a granite stone 12 x 12 x 30 ins., 20 ins. in the
ground, marked S C on North, 5 notches on East and
1 notch on West faces; and place the old post alongside.

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STATE OF ARIZONA.

Chains

and raise a mound of stone 4 ft. base 3 ft. high North of cor., whence:

An old blaze on a white oak 10 ins. dia., marks dimly visible, bears S. $0^{\circ} 35' W.$, 11 lks. dist. (Old B T) (Field notes from Surveyor General record tree as South 11 lks.)

An old blaze on a white oak 12 ins. dia., marks dimly visible, bears N. $10^{\circ} 15' E.$, 117 lks. dist. (Old B T) (Field notes from Surveyor General record tree as N. $15^{\circ} E.$ 125 lks.)

An old blaze on a white oak 12 ins. dia., marks dimly visible, bears S. $78^{\circ} 30' E.$, 51 lks. dist. (Old B T) (Field notes from Surveyor General record tree as S. $75^{\circ} E.$ 56 lks.)

A white oak 8 ins. dia., blazed and scribed T 20 S R 16 E S 32 B T, bears N. $4^{\circ} 15' E.$, 62 lks. dist. (New B T)

Thence West,

Retracing line along the South bdy. of Sec. 31.

8.80 Fall 1 lk. North of the Closing Corner bet. Secs. 5 and 6.

39.13 Fall 6 lks. North of the Std. $1/4$ sec. cor. on South bdy. of sec. 31, which is an oak post 4 ins. dia., 36 ins. above ground, badly decayed and marks nearly obliterated. In the same place I set a granite stone 10 x 12 x 30 ins., 20 ins. in the ground, marked S C $1/4$ on North face and place the old post alongside, whence:

An old blaze on a white oak 10 ins. dia. No marks visible, bears S. $58^{\circ} 50' W.$ 22 lks. dist. (Old B T) (Field notes from Surveyor General record tree as S. $45^{\circ} W.$ 23 lks.)

An old blaze on a white oak 10 ins. dia. no marks visible, bears S. $54^{\circ} 15' E.$, 28 lks. dist. (Old B T) (Field notes from Surveyor General record tree as S. $75^{\circ} E.$ 25 lks.)

A white oak 12 ins. dia. blazed and scribed

Chains

1/4 S 31 B T bears S. 76° 30' E., 24 lks.
dist. (New B T)

White oak 12 ins. dia. blazed and scribed 1/4
S 31 B T, bears N. 49° 00' E., 63 lks. dist.
(New B T)

True bearing of this half-mile N. 89° 55' E., 39.13 chs.
dist.

From the Std. 1/4 sec. cor. on South bdy. sec. 31, here-
tofore described,

Thence West,

Retracing line along South bdy. Sec. 31.

39.64 Fall 18-1/2 lks. North of the Std. cor. of T. 20 S., Rs.
15 and 16 E., which is an oak post 5 ins. in dia., 36
ins. above ground, badly decayed and marks nearly
obliterated, and witnessed as described by the Surveyor
General. In the same place I set a limestone 6 x 12
x 24 ins. 16 ins. in the ground, marked S C on North
with 6 notches on North, East and West faces; and place
the old post alongside. I take new witness trees in
addition to those already existing as follows:

A black oak 6 ins. dia., blazed and scribed
T. 20 S., R. 16 E., S. 31 B T, bears N. 77°
30' E., 109 lks. dist.

A white oak 20 ins. dia., blazed and scribed
T 20 S R 15 E S 36 B T, bears N. 59° 30' W.,
124 lks. dist.

True bearing of this half mile N. 89° 44' E., 39.64 chs.

From the Std. cor. of T. 20 S., Rs. 15 and 16 E. hereto-
fore described,

Thence West,

Retracing line on S. bdy. of Sec. 36, T. 20 S., R. 15 E.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains
6.50

Intersect the closing cor. of T. 21 S., Rs. 15 and 16 E., which is an oak post 4 ins. dia., 36 ins. above ground, badly decayed and marks nearly obliterated, and witnessed as described by the Surveyor General. In the same place I set a limestone 18 x 24 x 30 ins. 20 ins. in the ground, marked C C on South, with 6 notches on S, E. and W. faces; and place the old post alongside. In addition to existing bearing trees I take others as follows:

A black oak 6 ins. dia., blazed and scribed
T 21 S R 16 E S 6 B T, bears S. 2° 15' E.,
4 lks. dist.

A black oak 14 ins. dia., blazed and scribed
T 21 S R 15 E S 1 B T, bears S. 79° 00' W.,
22 lks. dist.

Thence South,

Retracing line bet. secs. 1 and 6, T. 21 S., Rs. 15 and 16 E.

39.91 Fall 4-1/2 lks. East of the 1/4 sec. cor. bet. secs. 1 and 6, which is an oak post 3 ins. dia., 36 ins. long badly decayed and marks nearly obliterated and witnessed as described by the Surveyor General. In the same place I set a limestone 14 x 14 x 26 ins. 16 ins. in the ground, marked 1/4 on W. face; and place the old post alongside. In addition to the original witness trees I take others as follows:

A white oak 16 ins. dia., blazed and scribed
1/4 S 6 B T bears S. 34° 30' E., 96 lks. dist.

A white oak 14 ins. dia., blazed and scribed
1/4 S 1 B T, bears S. 38° 30' W., 46 lks. dist.

True bearing of this half mile is N. 0° 04' E., 39.91 chs.

I move to 1/4 cor.

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Chains Thence South,
Retracing line bet. secs. 1 and 6, T. 21 S., Rs. 15 and 16 E.

39.67 Fall 27 lks. west of the cor. to secs. 1, 6, 7 and 12, T. 21 S., Rs. 15 and 16 E., heretofore described.
True bearing of this half mile is N. 0° 23' W., 39.67 chs.

April 25, 1917.

April 26, 1917.

From the cor. to secs. 1, 6, 7 and 12, heretofore described,

Thence South,

Retracing line bet. secs. 7 and 12.

40.00 Find no trace of the 1/4 sec. cor. bet. secs. 7 and 12.

80.00 Find no trace of the cor. to secs. 7, 12, 13 and 18.

120.00 Find no trace of the 1/4 cor. bet. secs. 13 and 18.

160.52 Fall 307 lks. East of the remains of the cor. to secs. 13, 18, 19 and 24, which is the end of a decayed wooden post in a small mound of stone, and witnessed as described by the Surveyor General. In the same place I set a limestone 10 x 10 x 16 ins. 10 ins. in the ground, marked with 3 notches on North and South faces; and raise a mound of stone 4 ft. base, 3 ft. high W. of cor., whence:

An old blaze on a white oak 10 ins. dia., no marks visible, bears N. 2° 40' E. 27 lks. dist.

I blaze and scribe the same tree T 21 S R 16 E S 18 B T.

(Field notes from the Surveyor General record tree as North 26 lks.)

Chains.

I find no trace of the S.W. Bearing tree.

A white oak 12 ins. dia., blazed and scribed

T 21 S R 15 E S 13 B T, bears N. 74° 00' W.,

55 lks. dist. (New B.T.)

A white oak 8 ins. dia., blazed and scribed

T 21 S R 16 E S 18 B T, bears N. 68° 20' E.,

104 lks. dist. (New B.T.)

Thence N. 1° 06' E.

On a true line bet. secs. 13 and 18,

40.135 Again make careful search for the 1/4 sec. cor. bet.

secs. 13 and 18, finding no trace of it I reestablish

it on this point as follows:

Set a limestone 10 x 12 x 20 ins., 14 ins. in the

ground, marked 1/4 on W. face; and raise a mound of

stone 4 ft. base, 3 ft. high W. of cor., whence:

A white oak 16 ins. dia., blazed and scribed

1/4 S 13 B T, bears N. 15° 00' W., 98 lks. dist.

A black oak 10 ins. dia., blazed and scribed

1/4 S 13 B T, bears S. 18° 15' W., 35 lks. dist.

A black oak 10 ins. dia., blazed and scribed

1/4 S 18 B T, bears S. 81° 10' E., 99 lks. dist.

I continue on course and at

80.27 again made careful search for the cor. to secs. 7, 12

13 and 18; finding no trace of it I reestablish it

at this point as follows:

Set a limestone 16 x 16 x 18 ins. 12 ins. in the

ground, marked 2 notches on N. and 4 notches on S.

faces; and raise a mound of stone 4 ft. base, 3 ft.

high W. of cor., whence:

A white oak 10 ins. dia., blazed and scribed

T 21 S R 15 E S 13 B T, bears S. 89° 00' W.,

93 lks. dist.

A white oak 8 ins. dia., blazed and scribed

14.

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains T 21 S R 15 E S 12 B T, bears N. 24° 30' W.,
26 lks. dist.
A white oak 12 ins. dia., blazed and scribed
T 21 S R 16 E S 7 B T, bears N. 29° 30' E.,
95 lks. dist.

Thence N. 1° 06' E.

On a true line bet. secs. 7 and 12.

40.135 Again made careful search for the 1/4 sec. cor. bet. secs.
7 and 12; finding no trace of it I reestablish it at
this point as follows:

Set a sandstone 12 x 12 x 30 ins. 20 ins. in the
ground, marked 1/4 on W. face; and raise a mound of
stone 4 ft. base, 3 ft. high W. of cor., whence:

A white oak 16 ins. dia., blazed and scribed
1/4 S 7 B T, bears S. 80° 45' E., 28 lks. dist.

A white oak 14 ins. dia., blazed and scribed
1/4 S 12 B T, bears N. 20° 30' W., 97 lks. dist.

A white oak 12 ins. dia., blazed and scribed
1/4 S 12 B T, bears S. 55° 00' W., 42 lks. dist.

I continue on course and at

80.27 intersect the cor. to secs. 1, 6, 7 and 12, heretofore
described.

April 26, 1917.

April 27, 1917.

Beginning at the cor. to secs. 7, 12, 13 and 18, here-
tofore described.

Thence East (Record course S. 89° 49' E.)

On a random line bet. secs. 7 and 18.

38.31 Find no trace of the 1/4 sec. cor. bet. secs. 7 and 18.

77.68 Fall 105 lks. S. of the cor. to secs. 7, 8, 17 and 18,
heretofore described

Chains

Thence S. 89° 13' W.

On a true line bet. secs. 7 and 18

39.68

The proportionate point for the 1/4 sec. cor. as determined from the proportion 78.31: 77.69 = 40.00: X

I again make careful search for the 1/4 sec. cor.; finding no trace of it I reestablish it at this point as follows:

Set a limestone 6 x 12 x 18 ins., 12 ins. in the ground, marked 1/4 on N. face; and raise a mound of stone 4 ft. base, 3 ft. high N. of cor., whence:

A white oak 20 ins. dia., blazed and scribed

1/4 S 18 B T, bears S. 75° 45' E., 114 lks.

dist.

A white oak 12 ins. dia., blazed and scribed

1/4 S 7 B T, bears N. 38° 45' E., 165 lks.

dist.

77.69

Intersect the cor. to secs. 7, 12, 13 and 18, heretofore described. April 27, 1917.

May 1, 1917

The center line method for laying down the boundaries of the road exception was not used in this survey.

BOUNDARIES OF CLAIM

TRACT A

Beginning at cor. No. 1 and Closing Corner on line bet. secs. 1 and 6, T. 21 S., Rs. 15 and 16 E.

Deposit a porphyry stone 1x 4 x 5 ins., marked with a + 14 ins. in the ground, over which set a porphyry stone 8 x 8 x 24 ins., chiseled + for the point and 1 H E S 528 on SW. face; and C C on NW. face; and raise a mound of stone 4 ft. base, 3 ft. high NW. of cor., whence:

16.

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains

A white oak 8 ins. dia., bears West 263 lks. dist.

A white oak 6 ins. dia., bears S. 60° 00' E., 99 lks. dist.

Each blazed and scribed C C 1 H E S + 528 B T.

The 1/4 sec. cor. bet. secs. 1 and 6, heretofore described, bears N. 0° 23' W., 8.11 chs. dist.

The cor. to secs. 1, 6, 7 and 12, heretofore described, bears S. 0° 23' E., 31.56 chs. dist.

The observed mag. decl. at 8 a.m. is 12° 45' E., which corrected for diurnal change gives a mean mag. decl. of 12° 42' E.

Lat. 31° 38' 15" N., Long. 110° 45' 35" W.,

from Patagonia Quadrangle, U.S.G.S.

Thence S. 44° 55' E.

Over open rolling SE. slope. Desc. 145 ft.

19.00 Bottom of desc. in Canyon, course S. 30° 00' W. Asc. 112 ft over steep W. slope.

25.00 Top of ridge, bears NE. and SW. Desc. 20 ft. to cor. over SE. slope.

28.45 To cor. No. 2.

Deposit a porphyry stone 3 x 4 x 5 ins., marked with a + 16 ins. in the ground, over which set a porphyry stone 14 x 14 x 26 ins., chiseled + for the point and 2 H E S 528 on SW. face; and raise a mound of stone 4 ft. base, 3 ft. high SW. of cor., whence:

A white oak 8 ins. dia., bears S. 10° 50' E., 293 lks. dist.

A white oak 8 ins. dia., bears S. 6° 10' W., 312 lks. dist.

Each blazed and scribed 2 H E S + 528 B T.

Cor. H-3 of the list survey, which is a sandstone 4 x 5 x 10 ins. above ground; marked and witnessed as described by the Forest Service,

Chains

bears S. 44° 45' E., 70 lks. dist. I destroy
all trace of this list cor.

Note. The E. bdy. of this claim was not located on
the meridional line through the SW/4 of sec. 6 as
it was not the intention of the Forest Service to
establish it thereon, and furthermore the entryman
insisted on including 160 acres:

Thence South

Desc. 100 ft. along steep E. slope, over open land.

9.00 Foot of E. slope. Enter canyon, course SW. Also enter
scattering oak.

11.33 To cor. No. 3 and Closing Corner on line bet. secs. 6
and 7.

Deposit a porphyry stone 1x 3 x 4 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 3
H E S 528 on NW. face; and C C on N. face; and raise
a mound of stone 4 ft. base, 3 ft. high N. of cor.,
whence:

A black oak 14 ins. dia., bears N. 49° 30' W.,
69 lks. dist.

A black oak 6 ins. dia., bears S. 12° 00' E.,
29 lks. dist.

Each blazed and scribed C C 3 H E S + 528 B T.
The 1/4 sec. cor. bet. secs. 6 and 7, heretofore
described, bears N. 89° 49' E., 17.72 chs. dist.
The cor. to secs. 1, 6, 7 and 12, heretofore
described, bears S. 89° 49' W., 19.91 chs. dist.
Cor. H-4 of the list survey, which is a sand-
stone 2 x 8 x 15 ins. above ground, marked
and witnessed as described by the Forest

Chains Service, bears N. 89° 00' E., 40 lks. dist.

I destroy all trace of this list cor.

Cor. No 5, of HES. 529 Brs. S81°51'E. 6.91 chs.
dist. by direct measurement.

Thence S. 89° 49' W.

Along line bet. secs. 6 and 7, over level land, through scattering oak.

1.00 Wash in canyon, 30 lks. wide, course SW. Asc. 30 ft. over steep E. slope.

1.50 Top of spur, bears N. 20° 00' E. and S. 20° 00' W.
Desc. 30 ft. over steep W. slope.

3.50 Foot of slope. Thence over level bottom land.

10.86 To cor. No. 4 and Closing Corner on line bet. secs. 6 and 7.

Deposit a porphyry stone 2 x 2 x 5 ins. marked with a + 14 ins. in the ground, over which set a porphyry stone 10 x 14 x 24 ins., chiseled + for the point and 4 H E S 528 on NE. face; and C C on NW. face; and raise a mound of stone 4 ft. base, 3 ft. high NW. of cor., whence:

A walnut 12 ins. dia., bears N. 10° 40' W.,
151 lks. dist.

A walnut 18 ins. dia., bears N. 64° 30' E.,
50 lks. dist.

Each blazed and scribed C C 4 H E S + 528 B T.

The cor. to secs. 1, 6, 7 and 12, heretofore described, bears S. 89° 49' W., 9.05 chs. dist.

The 1/4 sec. cor. bet. secs. 6 and 7, heretofore described, bears N. 89° 49' E., 28.58 chs.

Cor. H-5 of the list survey, which is a sandstone 7 x 8 x 12 ins. above ground, marked and witnessed as described by the Forest Service bears N. 87° 00' E., 45 lks. dist. I destroy all trace of this list cor.

Chains	Thence N. 44° 55' W.
	Over level bottom land, through scattering oak and walnut.
1.80	Wash, 20 lks. wide, course S. 10° 00' E.
9.20	Wash, 20 lks. wide, course S. 60° 00' E.
12.91	To cor. No. 5 and Closing Corner on line bet. secs. 1 and 6.
	Deposit a porphyry stone 1x 4 x 6 ins., marked with a + 14 ins. in the ground, over which set a porphyry stone 12 x 12 x 24 ins., chiseled + for the point and 5 H E S 528 on NE. face and C C on SE. face; and raise a mound of stone 4 ft. base, 3 ft. high SE. of cor., whence:
	A black oak 12 ins. dia., bears N. 0° 20' W., 24 lks. dist.
	A walnut 12 ins. dia., bears S. 36° 05' E., 56 lks. dist.
	Each blazed and scribed C C 5 H E S + 528 B T.
	The cor. to secs. 1, 6, 7 and 12, heretofore described, bears S. 0° 23' E., 9.16 chs. dist.
	The 1/4 sec. cor. bet. secs. 1 and 6, heretofore described, bears N. 0° 23' W., 30.51 chs. dist.
	Cor. No. 1 of this survey, heretofore described, bears N. 0° 23' W., 22.40 chs. dist.
	Thence N. 44° 55' W.,
	Over level bottom land, through scattering oak and walnut.
5.00	Wash, 10 lks. wide, course S. 15° 00' E.
8.60	Road, bears N. 40° 00' E. and S. 40° 00' W.
10.73	To cor. No. 6.
	Deposit a porphyry stone 2 x 2 x 3 ins. marked with a + 14 ins. in the ground, over which set a

Chains

porphyry stone 6 x 9 x 24 ins., chiseled + for the point and 6 H E S 528, on NE. face; and raise a mound of stone 4 ft. base, 3 ft. high NE. of cor., whence:

A. walnut 12 ins. dia., bears S. 24° 00' E.,
9 lks. dist.

A walnut 10 ins. dia., bears N. 40° 30' E.,
68 lks. dist.

Each blazed and scribed 6 H E S+528 B T.

May 1, 1917.

May 2, 1917.

Thence N. 24° 00' W.

ON NE. boundary of road exception, over level bottom land, through scattering oak and walnut.

11.50 Main wash, 50 lks. wide, course S. 80° 00' E.

15.50 Wash, 20 lks. wide, course SE.

21.30 Road, bears S. 60° 00' E. and N. 60° 00' W.

23.13 To cor. No. 7.

Deposit a porphyry stone 1x 3 x 3 ins., marked with a + 16 ins. in the ground, over which set a porphyry stone 7 x 10 x 26 ins., chiseled + for the point and 7 H E S 528 on NE. face; and raise a mound of stone 4 ft. base, 3 ft. high NE. of cor., whence:

A walnut 10 ins. dia., bears N. 17° 45' W.,
17 lks. dist.

A walnut 16 ins. dia., bears S. 67° 15' E.,
87 lks. dist.

Each blazed and scribed 7 H E S + 528 B T.

Thence N. 55° 00' W.

Over level bottom land, through scattering oak and walnut, along NE. boundary of road exception.

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Chains	
1.60	Road, bears NW. and SE.
2.30	Wash, 20 lks. wide, course SE.
6.00	Main wash, 50 lks. wide, course SE.
18.70	Main wash, 50 lks. wide, thence along NE. bank of same.
25.17	To cor. No. 8.
	<p>Deposit a porphyry stone 1 x 3 x 6 ins. marked with a + 20 ins. in the ground, over which set a porphyry stone 12 x 12 x 38 ins., chiseled + for the point and 8 H E S 528 on NE. face; and raise a mound of stone 4 ft. base, 3 ft. high NE. of cor., whence:</p> <p>An ash 10 ins. dia., bears N. 47° 10' W., 46 lks. dist.</p> <p>A walnut 14 ins. dia., bears N. 41° 10' E., 45 lks. dist.</p> <p>Each blazed and scribed 8 H E S + 528 B T.</p>
	<p>Thence N. 36° 16' W.</p> <p>Over level bottom land along NE. boundary of road exception and along NE. bank of wash, through scattering oak and walnut.</p>
17.92	<p>To true point for cor. no. 9, which falls in wash, and as it is impracticable to set two witness corners on a line meeting at this point, I run N. 73° 33' E., 118 lks. and at this point I set a witness cor. to cor. no. 9 as follows:</p> <p>Deposit a porphyry stone 3 x 3 x 3 ins. marked with a + 14 ins. in the ground, over which set a porphyry stone 6 x 12 x 24 ins., chiseled + for the point and W C 9 H E S 528 on NE. face; and raise a mound of stone 4 ft. base, 3 ft. high NE. of cor., whence:</p> <p>A black oak 24 ins. dia., bears S. 11° 50' E., 31 lks. dist.</p> <p>A black oak 12 ins. dia., bears N. 42° 15' E., 32 lks. dist.</p>

Chains

Each blazed and scribed W C 9 H E S + 528 B T.
The true point for cor. No. 9 bears S. 73° 33' W.,
118 lks. dist.

From the true point for cor. No. 9 I run

N. 52° 00' W.

Along wash and on NE. boundary of road exception,
through scattering oak and walnut.

3.00 SW. bank of wash. Leave wash, course SE.

7.00 Enter wash and follow along NE. bank of same.

13.92 To cor. No. 10.

Deposit a porphyry stone 2 x 3 x 3 ins. marked with a
+ 15 ins. in the ground, over which set a porphyry
stone 6 x 12 x 25 ins. chiseled + for the point and
10 H E S 528 on NE. face; and raise a mound of stone
4 ft. base, 3 ft. high NE. of cor., whence:

A black oak 30 ins. dia., bears N. 2° 00' W., 40
lks. dist.

A black oak 30 ins. dia., bears N. 49° 30' E.,
69 lks. dist.

Each blazed and scribed 10 H E S + 528 B T.

Thence North

Asc. 15 ft. to cor. over gradual S. slope, through
dense oak brush.

4.10 To cor. No. 11.

Identical with cor. n-1 of the list survey, which is
a limestone 5 x 8 x 14 ins. above ground, marked
and witnessed as described by the Forest Service.
I destroy all trace of this list cor.

Deposit a porphyry stone 2 x 4 x 6 ins. marked with
a + 24 ins. in the ground, over which set an iron
post 36 ins. long with brass cap, marked 1917 on S.

Chains and 11 H E S 528 in SE. quadrant; and raise a mound of stone 4 ft. base, 3 ft. high SE. of cor., whence:

A black oak 6 ins. dia., bears S. 41° 30' E., 6 lks. dist.

A black oak 8 ins. dia., bears S. 53° 25' W., 35 lks. dist.

Each blazed and scribed 11 H E S + 528 B T.

May 2, 1917.

May 13, 1917.

Thence S. 89° 55' E. Asc. 60 ft. over steep SW. slope, through scattering oak brush.

5.50 Top of rocky spur, bears N. and S. Descend 125 ft. over steep rocky E. slope.

8.60 Bottom of desc. Wash in canyon, 50 lks. wide, course S. Asc. 50 ft. to cor. over steep and rocky W. slope.

11.25 To cor. No. 12.

Identical with cor. H-2 of the list survey, which is a granite stone 4 x 9 x 14 ins. above ground, marked and witnessed as described by the Forest Service. Destroy all trace of this list cor.

Deposit a sandstone 3 x 5 x 6 ins. marked with a + 12 ins. in the ground, over which set a sandstone 6 x 14 x 20 ins. (No longer stone available) chiseled + for the point and 12 H E S 528 on SW. face; and raise a mound of stone 4 ft. base, 3 ft. high SW. of cor., whence:

A black oak 16 ins. dia., bears S. 9° 10' W., 78 lks. dist.

A white oak 14 ins. dia., bears N. 70° 12' W., 28 lks. dist.

Each blazed and scribed 12 H E S + 528 B T.

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Chains Thence S. 44° 55' E. Asc. 10 ft. over NW. slope, through scattering oak.
 2.00 Top of spur, bears NE. and SW. Desc. 35 ft. over steep SE. slope.
 4.80 Bottom of desc. in canyon, course SW. Asc. 90 ft. over NW. slope.
 7.14 Slope changes to SW.
 19.50 Top of spur, bears SW., thence along rim of canyon.
 29.75 Leave rim of canyon. Desc. 100 ft. over SE. slope.
 33.40 Bottom of canyon. Course SW. Asc. 35 ft. over NW. slope.
 36.10 Top of sharp ridge, bears NE. and SW. Desc. 40 ft. over steep, SE. slope.
 37.50 Bottom of canyon, course SW. Asc. 20 ft. over steep NW. slope.
 38.60 Top of sharp ridge, bears NE. and SW. Desc. 20 ft. over steep SE. slope.
 40.00 Bottom of canyon course SW. Asc. 100 ft. over steep NW. slope.
 44.40 Top of ridge, bears NE. and SW., thence along gradual SW. slope.
 52.00 Desc. 86 ft. over steep SE. slope.
 55.00 Bottom of canyon course SW. Asc. 150 ft. over steep NW. slope.
 61.00 Top of ridge, bears NE. and SW. Desc. 25 ft. to cor. (over rocky SE. slope.
 67.63 To cor. No. 1, the place of beginning.

May 3, 1917.

May 4, 1917.

TRACT B.

Beginning at cor. No. 13.

Deposit a porphyry stone 2 x 2 x 3 ins. marked with a + 14 ins. in the ground, over which set a conglomerate stone 16 x 18 x 24 ins. chiseled + for the point and 13 H E S 528 on side facing the claim; and raise a mound of stone 4 ft. base, 3 ft. high within the

Chains

claim, whence from 'cor. No. 6, heretofore described, bears N. 85° 00' W., 85

A white oak 24 ins. dia., bears N. 85° 00' W., 85

85 lks. dist. A walnut 10 ins. dia., bears S. 79° 55' E., 106

A walnut 10 ins. dia., bears S. 79° 55' E., 106

106 lks. dist. Each blazed and scribed 13 H.E.S. + 528 B T. Cor. No. 6, heretofore described, bears S. 44°

Each blazed and scribed 13 H.E.S. + 528 B T. Cor. No. 6, heretofore described, bears S. 44°

Cor. No. 6, heretofore described, bears S. 44°

55' E., 140 lks. dist. Thence N. 44° 55' W. Asc. 50 ft. over SE. slope. Ridge, bears NE. and SW. Desc. 25 ft. over NW. slope. Bottom of canyon, course NE. Asc. 40 ft. over SE. slope. Ridge, bears NE. and SW. Desc. 20 ft. over NW. slope. Canyon, course NE. Asc. 25 ft. over NE. slope. Ridge, bears NE. and SW. Desc. 50 ft. over NW. slope. Canyon, course N. 85° 00' E. Arroyo, 18 lks. wide, 4 ft. deep, course N. 75° 00' E. Asc. 40 ft. over SE. slope. Ridge, bears N. 70° 00' E. and S. 70° 00' W. Desc. 50 ft. over NW. slope. Canyon, course N. 40° 00' E. Asc. 35 ft. over SE. slope. Ridge, bears NE. and SW. Desc. 45 ft. over NW. slope. Canyon, course NE. Asc. 55 ft. over SE. slope. Ridge, bears N. 60° 00' E. and S. 60° 00' W. Desc. 40 ft. over NW. slope. Canyon, course NE. Asc. 25 ft. over SE. slope. Ridge, bears NE. and SW. Desc. 15 ft. over NW. slope. Canyon, course NE. Ascend 65 ft. over SE. slope. Ridge, bears N. 20° 00' E. and S. 20° 00' W. Desc. 60 ft. over NW. slope. Canyon, course NE. Asc. 65 ft. over SE. slope. Ridge, bears NE. and SW. Desc. 80 ft. over NW. slope.

Thence N. 44° 55' W. Asc. 50 ft. over SE. slope.

Asc. 50 ft. over SE. slope.

3.10 Ridge, bears NE. and SW. Desc. 25 ft. over NW. slope.

4.60 Bottom of canyon, course NE. Asc. 40 ft. over SE. slope.

6.20 Ridge, bears NE. and SW. Desc. 20 ft. over NW. slope.

8.30 Canyon, course NE. Asc. 25 ft. over NE. slope.

12.00 Ridge, bears NE. and SW. Desc. 50 ft. over NW. slope.

13.60 Canyon, course N. 85° 00' E.

14.60 Arroyo, 18 lks. wide, 4 ft. deep, course N. 75° 00' E.

Asc. 40 ft. over SE. slope.

18.30 Ridge, bears N. 70° 00' E. and S. 70° 00' W. Desc. 50

ft. over NW. slope.

23.00 Canyon, course N. 40° 00' E. Asc. 35 ft. over SE. slope

26.50 Ridge, bears NE. and SW. Desc. 45 ft. over NW. slope.

30.00 Canyon, course NE. Asc. 55 ft. over SE. slope.

33.40 Ridge, bears N. 60° 00' E. and S. 60° 00' W. Desc. 40

ft. over NW. slope.

37.40 Canyon, course NE. Asc. 25 ft. over SE. slope.

39.00 Ridge, bears NE. and SW. Desc. 15 ft. over NW. slope.

40.50 Canyon, course NE. Ascend 65 ft. over SE. slope.

42.00 Ridge, bears N. 20° 00' E. and S. 20° 00' W. Desc. 60

ft. over NW. slope.

47.50 Canyon, course NE. Asc. 65 ft. over SE. slope.

50.50 Ridge, bears NE. and SW. Desc. 80 ft. over NW. slope.

Chains	
53.60	Canyon, course N. 30° 00' E.
56.00	Enter dense oak brush.
60.00	Wire fence, bears E. and W.
67.60	Wire fence, bears N. 10° 00' E. and S. 10° 00' W. Asc. 60 ft. over SE. slope.
70.00	Ridge, bears NE. and SW. Desc. 45 ft. to cor. over NW. slope.
71.67	To cor. No. 14. Deposit a porphyry stone 2' x 4' x 5' ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia., 36 ins. long with brass cap, mark- ed 1917 on S and 14 H E S 528 in NE. quadrant; and raise a mound of stone 4 ft. base, 3 ft. high NE. of cor., whence: A white oak 12 ins. dia., bears S. 85° 15' W., 89 lks. dist. A black oak 5 ins. dia., bears N. 35° 00' E., 15 lks. dist. Each blazed and scribed 14 H E S + 528 B.T. Cor. H-6 of the list survey, which is a granite stone 5 x 8 x 4 ins. ^{14"} above ground, marked and witnessed as described by the Forest Service, bears N. 40° 00' E, 12 lks. dist. I destroy all trace of this list cor. May 4, 1917.
	May 5, 1917.
	Thence North
	Asc. 6 ft. over SE. slope through dense oak brush.
1.50	Top of spur, bears NE. and SW. Desc. 50 ft. to cor. over N. slope.
6.25	To cor. No. 15. Deposit a porphyry stone 3 x 3 x 6 ins. marked with a + 20 ins. in the ground, over which set a porphyry

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Chains	<p>stone 12 x 16 x 30 ins., chiseled + for the point and 15 H E S 528 on SE. face; and raise a mound of stone 4 ft. base, 3 ft. high SE. of cor., whence:</p> <p>A white oak 8 ins. dia., bears N. 71° 40' W., 20 lks. dist.</p> <p>A black oak 18 ins. dia., bears S. 10° 00' E., 37 lks. dist.</p> <p>Each blazed and scribed 15 H E S + 528 B T.</p> <p>Cor. No. 10, heretofore described, bears North 63 lks. dist.</p> <hr/> <p>Thence S. 52° 00' E.</p> <p>Along SW. boundary of road exception along S. bank of Wash, through scattering oak and walnut, over level bottom land.</p> <p>4.50 Leave wash, bears S. 55° 00' E.</p> <p>5.90 Cor. of pole corral, from which sides bear S. and W.</p> <p>8.30 Wire fence, bears N. 10° 00' W. and S. 10° 00' E.</p> <p>12.40 Wire fence, bears N. 40° 00' W. and S. 40° 00' E.</p> <p>12.50 Road, bears N. 40° 00' W. and S. 40° 00' E.</p> <p>13.46 To cor. No. 16.</p> <p>Deposit a sandstone 2 x 2 x 4 ins. marked with a +, 14 ins. in the ground, over which set a sandstone 5 x 10 x 24 ins., chiseled + for the point and 16 H E S 528 on SW. face; and raise a mound of stone 4 ft. base, 3 ft. high SW. of cor., whence:</p> <p>A walnut 16 ins. dia., bears N. 1° 45' E., 29 lks. dist.</p> <p>A sycamore 14 ins. dia., bears S. 53° 45' W., 50 lks. dist.</p> <p>Each blazed and scribed 16 H E S + 528 B T.</p> <hr/> <p>Thence S. 36° 16' E.</p>
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Chains On SW. bdy. of road exception, through scattering oak
and walnut, and along SW. bank of wash.

17.93 To cor. No. 17.

Deposit a porphyry stone 2 x 3 x 3 ins. marked with
a +, 14 ins. in the ground, over which set a con-
glomerate stone 6 x 7 x 24 ins., chiseled + for the
point and 17 H E S 528 on SW. face; and raise a mound
of stone 4 ft. base, 3 ft. high SW. of cor., whence:

A black oak 24 ins. dia., bears S. 56° 30' W.,
67 lks. dist.

An ash 20 ins. dia., bears S. 41° 50' E.,
135 lks. dist.

Each blazed and scribed 17 H E S + 528 B T.

Thence S. 55° 00' E.

On SW. bdy. of road exception, and along SW. bank
of wash, through scattering oak and walnut.

5.00 Leave SW. bank of wash, bearing S. 56° 00' E.

20.00 Main wash, 20 lks. wide, course SE.

23.75 Wash, 10 lks. wide, course SE.

24.90 Road, bears NW. and SE.

25.11 To cor. No. 18.

Deposit a porphyry stone 2 x 2 x 4 ins. marked with
a +, 20 ins. in the ground, over which set a porphyry
stone 10 x 14 x 30 ins., chiseled + for the point and
18 H E S 528 on SW. face; and raise a mound of stone
4 ft. base, 3 ft. high SW. of cor., whence:

A black oak 5 ins. dia., bears N. 71° 25' W.,
41 lks. dist.

A walnut 14 ins. dia., bears S. 32° 30' W.,
91 lks. dist.

Each blazed and scribed 18 H E S + 528 B T.

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Chains Thence S. 24° 00' E.
 Over bottom land and on SW. bdy. of road, exception,
 through scattering oak and walnut.
 1.50 Road bears NW. and SE.
 4.50 Enter wash 20 lks. wide.
 7.00 Leave wash, bearing SE.
 10.50 Main wash, 50 lks. wide, course S. 80° 00' E.
 21.68 To Cor. No. 13, and place of beginning.

AREA

Tract A in unsurveyed Sec. 1 - - - - -	85.18 Acres
Tract B in unsurveyed Sec. 1 - - - - -	35.98 Acres
Tract A in unsurveyed Sec. 6 - - - - -	<u>38.68</u> Acres
Total Area - - - - -	159.84 Acres
Tract C (Unlisted area in road exemption)	3.94 Acres

IMPROVEMENTS

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

An adobe house 25 x 30 ft. course of long sides E. and W., the NW. cor. of which bears S. 79° 30' E., 4.54 chs. dist. from Cor. No. 10. Value - - - \$500.00

An adobe storehouse 12 x 12 ft., course of long sides E. and W., the NW. cor. of which bears S. 77° 20' E., 3.54 chs. dist. from Cor. No. 10. Value - - - \$25.00

A dug well 35 ft. deep, the center of which bears S. 82° 30' E., 5.25 chs. dist. from Cor. No. 15. Value - - - \$150.00

An adobe barn 16 x 30 ft., course of long sides N. and S., the NW. cor. of which bears S. 82° 15' E., 7.40 chs. dist. from Cor. No. 15. Value - - - \$50.00

A pole corral 100 x 100 ft., course of long sides E.

Chains

and W., the NE. cor. of which bears S. 52° 00' E., 5.90 chs. dist. from Cor. No. 15.

Value - - - \$ 75.00

About one mile of barbed wire fencing.

Value - - - \$150.00

Total value of improvements - - - - - \$950.00

DESCRIPTION

This claim is located in a narrow canyon draining SE.

The soil in the valley is a sandy loam, first rate, while that on the steep hillsides is rocky and fit for pasture land only. About 12 acres are now under cultivation and produce good crops of corn, beans, vegetables and forage. About 30 per cent of the total area is suitable for farming. All land except that under cultivation is covered with a fairly good stand of scrub oak and walnut.

Water for domestic purposes is obtained from a well on the claim, while water for stock is found in the canyon just outside the claim.

There is no indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims. H. E. S.

529 lies approximately 5.00 chs. SE. Camp Crittenden Military Reservation lies approximately 3/4 of a mile East of this survey.

Patagonia, Arizona, post office, which is also the nearest railway station and trading place, is 8 miles in a southeasterly direction.

Chains

TRAVERSE

Tract A, Sec. 1, (unsurveyed)

Cor.	Course	Dist.	N	S	E	W
1-5	S. 0° 23' E.	22.40		22.40	.15	
5-6	N. 44° 55' W.	10.73	7.60			7.58
6-7	N. 24° 00' W.	23.13	21.13			9.41
7-8	N. 55° 00' W.	25.17	14.44			20.62
8-9	N. 36° 16' W.	17.92	14.45			10.60
9-10	N. 52° 00' W.	13.92	8.57			10.97
10-11	North	4.10	4.10			
11-12	S. 89° 55' E.	11.25		.02	11.25	
12-1	S. 44° 55' E.	67.63		47.89	47.75	
		<u>196.25</u>	<u>70.29</u>	<u>70.31</u>	<u>59.15</u>	<u>59.18</u>
Error in Lat. and Dep.				<u>70.29</u>	<u>59.15</u>	
				.02		.03

Closing error 1:5449.

Tract B, Sec. 1, (unsurveyed)

Cor.	Course	Dist.	N	S	E	W
13-14	N. 44° 55' W.	71.67	50.75			50.60
14-15	North	6.25	6.25			
15-16	S. 52° 00' E.	13.46		8.29	10.61	
16-17	S. 36° 16' E.	17.93		14.46	10.61	
17-18	S. 55° 00' E.	25.11		14.40	20.57	
18-13	S. 24° 00' E.	21.68		19.81	8.82	
		<u>156.10</u>	<u>57.00</u>	<u>56.96</u>	<u>50.61</u>	<u>50.60</u>
Error in Lat. and Dep.			<u>56.96</u>	<u>50.60</u>		
			.04		.01	

Closing error 1:3786

TRACT A, Sec. 6

Cor.	Course	Dist.	N	S	E	W
1-2	S. 44° 55' E.	28.45		20.15	20.09	
2-3	South	11.33		11.33		
3-4	S. 89° 49' W.	10.86		.03		10.86
4-5	N. 44° 55' W.	12.91	9.14			9.12
5-1	N. 0° 23' W.	22.40	22.40			.15
		<u>85.95</u>	<u>31.54</u>	<u>31.51</u>	<u>20.09</u>	<u>20.13</u>
Error in Lat. and Dep.			<u>31.51</u>		<u>20.09</u>	
			.03		.04	

Closing error 1:1719

Survey completed May 6, 1917.

[Signature]
Surveyor - Forest Service

Chains	TRACT A, SEC. 1, (unreversed)				Chains
	Dist.	Course	Dist.	Course	
7.58	32.11	S. 88° 00' E.	32.11	S. 88° 00' W.	7.58
14.1	31.13	S. 88° 00' E.	31.13	S. 88° 00' W.	14.1
20.62	33.17	S. 88° 00' E.	33.17	S. 88° 00' W.	20.62
10.60	34.43	S. 88° 00' E.	34.43	S. 88° 00' W.	10.60
10.97	35.78	S. 88° 00' E.	35.78	S. 88° 00' W.	10.97
	4.10	S. 88° 00' E.	4.10	S. 88° 00' W.	
	30.11	S. 88° 00' E.	30.11	S. 88° 00' W.	
	47.74	S. 88° 00' E.	47.74	S. 88° 00' W.	
11.65	30.33	S. 88° 00' E.	30.33	S. 88° 00' W.	11.65
31.35	30.33	S. 88° 00' E.	30.33	S. 88° 00' W.	31.35
30.	30.		30.		30.
		Closing error 1.3258			
		Error in lat. and dep.			
	Dist.	Course	Dist.	Course	
	37.00	S. 88° 00' E.	37.00	S. 88° 00' W.	
	36.98	S. 88° 00' E.	36.98	S. 88° 00' W.	
	36.98	S. 88° 00' E.	36.98	S. 88° 00' W.	
	30.		30.		
		Closing error 1.3258			
		Error in lat. and dep.			
	Dist.	Course	Dist.	Course	
	30.15	S. 88° 00' E.	30.15	S. 88° 00' W.	
	11.33	S. 88° 00' E.	11.33	S. 88° 00' W.	
	30.	S. 88° 00' E.	30.	S. 88° 00' W.	
	9.14	S. 88° 00' E.	9.14	S. 88° 00' W.	
	33.40	S. 88° 00' E.	33.40	S. 88° 00' W.	
	31.34	S. 88° 00' E.	31.34	S. 88° 00' W.	
	31.34	S. 88° 00' E.	31.34	S. 88° 00' W.	
	30.		30.		
		Closing error 1.1118			
		Error in lat. and dep.			
	Dist.	Course	Dist.	Course	
	30.15	S. 88° 00' E.	30.15	S. 88° 00' W.	
	11.33	S. 88° 00' E.	11.33	S. 88° 00' W.	
	30.	S. 88° 00' E.	30.	S. 88° 00' W.	
	9.14	S. 88° 00' E.	9.14	S. 88° 00' W.	
	33.40	S. 88° 00' E.	33.40	S. 88° 00' W.	
	31.34	S. 88° 00' E.	31.34	S. 88° 00' W.	
	31.34	S. 88° 00' E.	31.34	S. 88° 00' W.	
	30.		30.		
		Closing error 1.1118			
		Error in lat. and dep.			

Survey completed May 3, 1914.

Surveyor - Forest Service

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. 528, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.		
			NORTH.	SOUTH.	EAST.	WEST.							
Tract A, Sec. 1, (unsurveyed)													
00669-99998 1-5	S. 0° 23' E.	22.40		22 40	15			118 19			2647 46		
70608-70813 5-6	N. 44° 55' W.	10.73	7 60			7 58		110 76	841 78				
6-7	N. 24° 00' W.	23.13	21 13			9 41		93 77	1981 36				
7-8	N. 55° 00' W.	25.17	14 44			20 62		63 75	920 55				
8-9	N. 36° 16' W.	17.92	14 45			10 60		32 54	470 20				
9-10	N. 52° 00' W.	13.92	8 57			10 97		10 97	94 01				
10-11	North	4.10	4 10										
00145 11-12	S. 89° 55' E.	11.25		02	11 25			11 25				23	
70608 70813 12-1	S. 44° 55' E.	67.63		47 89	47 75			70 27			3363 82		
		196.25	70 29	70 31	59 15	59 18			4307 90		6011 51		
			70 29	70 29	59 17	59 17					4307 90		
											20) 1703 61		
	Closing error	1:5449									85 18		Acres
Tract B in Sec. 1 (unsurveyed)													
70608 70813 13-14	N. 44° 55' W.	71.67	50 75			50 60		50 61	2566 94				
14-15	North	6.25	6 25										
61566 78801 15-16	S. 52° 00' E.	13.46		8 29	10 61			10 61			87 96		
59162 80627 16-17	S. 36° 16' E.	17.93		14 46	10 61			31 83			460 26		
57353 81915 17-18	S. 55° 00' E.	25.11		14 40	20 57			63 01			907 97		
40654 91255 18-13	S. 24° 00' E.	21.68		19 81	8 82			92 40			1830 44		
		156.10	57 00	56 96	50 61	50 60			2566 94		3286 63		
			56 97	56 97	50 61	50 61					2566 94		
	Closing error	1:3786									20) 719 69		35.98 Acres

DIRECTIONS.—1. Carry out calculations to two decimals only.

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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. 528, STATE OF ARIZONA.

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.				DEPARTURES.				DOUBLE M. D.	N. AREAS.		S. AREAS.			
			NORTH.		SOUTH.		EAST.		WEST.								
					TRACT	A	in Sec° 6.										
70608 1-2 70813	S. 44°55' E.	28.45			20	15	20	09			20	11			405	62	
2-3	South	11.33			11	33					40	22			455	69	
00220 3-4	S. 89°49' W.	10.86				03			10	86	29	36				88	
4-5	N. 44°55' W.	12.91	9	14					9	12	9	38	85	73			
00669 5-1	N. 0°23' W.	22.40	22	40						15		13	2	91			
		85.95	31	54	31	51	20	09	20	13			88	64	862	19	
			31	53	31	53	20	11	20	11					88	64	
															20	773	55
	Closing error	1:1719													38	68	Acres
																	FPT

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APPROVAL


Office of the United States Surveyor General,

Phoenix, Arizona, April 22, 1920

The foregoing field notes of Homestead Entry Survey No.

528

executed by C. A. Long, Surveyor [Forest Service Title.]
under his special instructions, dated March 28, 1917, 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.