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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

ORIGINAL

See 619 Am.

HOMESTEAD ENTRY SURVEY NO. 619

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 3 , surveyed, Township 20 N, Range 7 E.

In Section 4 , surveyed, Township 20 N, Range 7 E.

of the

GILA AND SALT RIVER BASE & Meridian.

State of
ARIZONA.

Applicant for listing

Residence

Application No. , dated , 19

List No. , dated , 19

Applicant for survey

Residence

H. E. No. , dated , 19

Land Office

Survey executed by **Thomas F. Myers, Surveyor - Forest Service**
[Forest Service Title.]

Under special instructions dated **September 27** , 19**20**

Survey commenced **July 9** , 19**21**

Survey completed **July 16** , 19**21**

Under Acts of **June 11, 1906, and March 3, 1921.**



OATH OF ASSISTANTS

We hereby certify that we assisted **Thomas F. Myers,**
 Surveyor - Forest Service, in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. 619, 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 inconvenient to
 appear before an officer to
 administer Oaths to Assistants;
 hence they were taken by the
 Surveyor.

Louis H. Connell Chainman
Calvin [unclear] Chainman

Subscribed and sworn to before me this Sixteenth day of
July, 19 21

Thomas F. Myers
 Surveyor - Forest Service.

OATH OF SURVEYOR

I, **Thomas F. Myers, 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
 September 27, 19 20, and the laws of the United States, I have
 well, faithfully, and truly, in my own proper person, surveyed a tract
 of land under the cooperative plan

, No. , dated , 19 , for listing
 and patent , under the Act of June 11 , 19 06 ,
 the same to be known as Homestead Entry Survey No. 619 ,
 situated within the COCONINO National Forest, in
 surveyed Section 3 , Township 20 N , Range 7 E. , and
 surveyed Section 4 , Township 20 N , Range 7 E . ,

of the GILA & SALT RIVER BASE & meridian, ARIZONA , and the
 related retracements and resurveys and section subdivisions, which are
 represented in the following field notes as having been surveyed by me;
 and I further solemnly swear that all the corners of said survey have
 been established and perpetuated in strict accordance with the stated
 special instructions, and in the specific manner described in the field
 notes, and that the following are the original field notes of such

Thomas F. Myers
 Surveyor - Forest Service.
[Forest Service Title.]

Subscribed and sworn to before me this 8th day of
May, 19 22.

Ethel A. Myers
 Notary Public.



8-2349

My commission expires April 12, 1925.

Chains. An unlisted tract of land surveyed under the cooperative plan as a basis for listing and patent. Surveyed under special instructions from the Surveyor General for Arizona, dated September 27, 1920, and designated as Homestead Entry Survey No. 619. Situated in Secs. 3 and 4, T. 20 N., R. 7 E. (Surveyed and accepted), Gila and Salt River Base and Meridian, Coconino National Forest, Arizona. Surveyed under the Acts of June 11, 1906, and March 3, 1921..

Survey commenced July 9, 1921, 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.

July 9, 1921.

At my station near Cor. No. 8 of this survey in Lat. $35^{\circ}07'15''$ N., Long. $111^{\circ}39'$ W. from Forest Service Base Map, at 7h. 32m. 20s. p.m. l.m.t., I observe Polaris with telescope direct reading an angle of $4^{\circ}59'30''$ from star to left to reference mark about 1/2 mile distant.

Greenwich m.t. U. C. Polaris July 10, 1921, 6h 22.3m a.m.
Corr. for Long. 1.2

l.m.t. U. C. Polaris July 10, 1921, 6h 21.1m a.m

l.m.t. obsn. Polaris July 9, 1921, 7h 32.3m p.m

Hour angle 10h 48.8m

Azimuth of Polaris $0^{\circ}24.3'$ E.

Bearing of Reference Mark N. $4^{\circ}35.2'$ W.

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2.

Chains

At the same station at 7h. 34m. 02s. p.m. l.m.t., I again observe Polaris with telescope reversed, reading an angle of 5°00' from star to left to same reference mark.

l.m.t. U. C. Polaris, July 10, 1921, 6h 21.1m a.m.

l.m.t. obsn. Polaris July 9, 1921, 7h 34.0m p.m.

Hour angle 10h 47.1m

Azimuth of Polaris 0°24.8' E.

Bearing of Reference Mark N. 4°35.2' W.

The mean bearing of reference mark is N. 4°35.2' W.

I accept bearing of reference mark as N. 4°35' W., and from the corresponding meridian all the courses of this survey were deflected by sustained angulation.

July 9, 1921.

RETRACEMENTS

July 10, 1921.

Beginning at the Cor. of Secs. 2, 3, 10 and 11, T. 20 N., R. 7 E., a pine post 4 ins. dia. 24 ins. long, lying in small mound of stone, marked as described by the Surveyor General, witnessed by a pine 24 ins. dia. which bears S. 59° E. 66 lks. dist., marked ~~TXNRVIIIE~~ XI BT. The other witness trees have been cut or have blown down. I restore Cor. at same point as follows: Deposit a limestone 2x4x4 ins. marked with a + 12 ins. in the ground, over which set a limestone 24x8x6 ins. chiseled 2 notches on E. and 5 grooves on S. face, surrounded by a mound of stone, whence:

A pine 24 ins. dia. brs. S. 59° E. 66 lks. dist, mkd. ~~TXNRVIIIE~~ XI BT (Old BT)

A pine 12 ins. dia. brs. N. 17°00' W. 155 lks., blazed and scribed T. 20 N R 7 E S 3 + BT. (New BT).

No other witnesses in limits.

Thence N. 89°26' W.

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COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains On record course between Secs. 3 and 10.

39.82 Make careful search covering an area of 10 chs. dia.,
but fail to find any evidence of 1/4 Cor. Point falls
in old cutover area which has also been burned over.

79.64 Make careful search covering an area of 10 chs. dia.
but fail to find any evidence of Cor. Secs. 3, 4, 9
and 10. Set temporary point. Point for Cor. falls in
area which was burned over by Forest fire within the
past 5 years.

July 10, 1921.

July 11, 1921.

Thence S. 89°46' W.

On record course between Secs. 4 and 9.

39.91 Make careful search covering an area of 10 chs. dia.
for 1/4 Cor. between Secs. 4 and 9, but fail to find
any evidence of same. Point falls in old cutover area.
Stumps are practically rotted away. Area shows
evidence of having been burned over.

79.82 Make careful search covering an area of 10 chs. dia.
for Cor. Secs. 4, 5, 8 and 9, but fail to find any
evidence of same.

Point falls in old cutover area.

July 11, 1921.

July 12, 1921.

Thence S. 89°56' W.

On record course between Secs. 5 and 8.

40.05 Make careful search covering an area of 10 chs. for 1/4
Cor. between Secs. 5 and 8, but fail to find any
evidence of same. Point falls in old cutover area.
Area also shows evidence of having been burned over.

80.10 Make careful search covering an area of 10 chs. for
Cor. Secs. 5, 6, 7 and 8, but fail to find any

4.

Chains

evidence of same. Point for Cor. falls in old cutover area. Area has also been burned over.

Thence N. 89°49' W.

Over record course between Secs. 6 and 7.

40.00' Make careful search covering an area of 10 chs. for 1/4 Cor. between Secs. 6 and 7, but fail to find any evidence of same.

78.40 Make careful search covering an area of 10 chs. for Cor. Secs. 6, 7, 1 and 12, but fail to find any evidence of same.

July 12, 1921.

July 13, 1921, Rain, no work.

July 14, 1921.

Return to temporary point for Cor. Secs. 3, 4, 9 and 10.

Thence North.

On record course between Secs. 3 and 4.

40.00' Make careful search covering an area of 10 chs. for 1/4 Cor. between secs. 3 and 4, but fail to find any evidence of same.

76.82 Fall 9.85 chs. west of the standard Cor. of Secs. 33 and 34, a limestone 10x4x10 ins. above ground in mound of stone marked SC on N., 3 notches on E. and W. edges.

A pine 6 ins. dia. bears N. 32°30' W. 110 lks.

Blazed and scribed T. 21 N. R. 7 E. S 33 BT.

A pine 10 ins. dia. bears N. 18°30' E. 157 lks.

Blazed and scribed T 21 N R 7 E S 34 BT.

Note: The above Cor. was restored by Forest Service Surveyor R. P. A. Johnson on October 16, 1915, in connection with the survey of HES 395.

HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

5.

Chains

From the SC Secs. 33 and 34, I ran West 12.20 chs. and made careful search covering an area of 10 chs. dia., but fail to find any evidence of closing Cor. for Secs. 3 and 4.

July 14, 1921.

July 15, 1921.

Return to Cor. Secs. 2, 3, 10 and 11, previously described.

Thence North.

Retracing line between Secs. 2 and 3.

40.00

Make careful search covering an area of 10 chs. for 1/4 Cor. between Secs. 2 and 3 but fail to find any evidence of same.

78.54

Fall 1.96 chs. E. of Closing Cor. for Secs. 2 and 3, a post 4 ins. square, 16 ins. above ground, set in mound of stone, marked and witnessed as described by the Surveyor General. Post is partially burned.

True line is S. 1°26' E. 78.56 chs.

From the CC Secs. 2 and 3, I ran East 12.80 chs. and made careful search covering an area of 5 chs. dia., but failed to find any evidence of S.C. Secs. 34 and 35. From the closing Cor. of Secs. 2 and 3, previously described.

Thence West.

Retracing 5th std. parallel N. on S. boundary Sec. 34.

67.80

Fall 57 lks. N. of std. Cor. Secs. 33 and 34, previously described.

True line is S. 89°31' W. 67.80 chs.

July 15, 1921.

BOUNDARIES OF CLAIM.

July 16, 1921.

TRACT A.

Beginning at Cor. No. 1.

Chains	<p>Deposit a tufa stone 1x4x6 ins., marked with a + 14 ins. in the ground, over which set a tufa stone 24x10x10 ins. chiseled + for the point and 1 HES 619 on SE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SE. of Cor., whence:</p> <p style="padding-left: 40px;">A pine 20 ins. dia. brs. N. 70°04' E. 249 lks. A pine 20 ins. dia. brs. S. 89°54' E. 259 lks. Each blazed and scribed 1 HES 619 + BT.</p> <p style="padding-left: 40px;">The std. Cor. Secs. 33 and 34, previously described, bears N. 18°03'10" E. 38.88 chs. distant by traverse which appears at the end of these notes.</p> <p>Latitude 35°07'42" N., Long. 111°39' W. from Forest Service Base Map.</p> <p>Mag. decl. at 8 a.m. 14°30' E. Mean Mag. decl. 14°26' E.</p> <p>Thence S. 70°47' E.</p> <p style="padding-left: 40px;">Over rolling land.</p>
30.00	Enter open draw.
32.00	Arroyo 20 lks. wide 1 ft. deep, course NE.
34.00	Leave draw.
34.81	To Cor. No. 2.
	<p>Deposit a tufa stone 1x3x5 ins., marked with a + 20 ins. in the ground, over which set a tufa stone 30x11x6 ins., chiseled + for the point and 2 HES 619 on SW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high SW. of Cor., whence:</p> <p style="padding-left: 40px;">A pine 18 ins. dia. brs. S. 84°04' W. 4.04 lks. A pine 18 ins. dia. brs. N. 50°05' W. 4.66 lks. Each blazed and scribed 2 HES 619 + BT.</p>
22.91	<p>Thence S. 33°33' W.</p> <p style="padding-left: 40px;">Over rolling rocky NW. slope.</p> <p>To Cor. No. 3.</p>

Chains On NE. side of exempted strip for logging railway.

Deposit a tufa stone 3x4x6 ins., marked with a + 18 ins. in the ground, over which set a tufa stone 26x8x10 ins. chiseled + for the point and 3 HES 619 on N. face; raise a mound of stone 2 ft. base 1-1/2 ft. high N. of Cor., whence:

A pine 24 ins. dia. brs. S. 49°35' E. 102 lks.

A pine 28 ins. dia. brs. N. 62°55' E. 234 lks.

Each blazed and scribed 3 HES 619 + BT.

Note: Preliminary to establishing the boundaries of the exempted strip, I lay down a center traverse and temporarily mark the angle points; at each angle point I lay off an offset in the direction of the bisectrix of the angle between the courses, a distance equal to half the width of the exempted strip multiplied by the cosecant of half the angle and thus obtain the angle points of the road boundaries which I establish as hereinafter recorded. The road corners of the tracts are similarly laid down from the center traverse with respect to the entire angles included between the terminal courses of the traverse and the respective boundaries.

Thence N. 34°12' W.

Over open level land, along NE. side of strip exempted for logging railway.

6.55 Arroyo 10 lks. wide 2 ft. deep, course NE.

15.37 To Cor. No. 4.

Deposit a sandstone 1x2x4 ins. marked with a + 14 ins. in the ground, over which set a sandstone 24x8x6 ins. chiseled + for the point and 4 HES 619 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

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Chains A pine 12 ins. dia. brs. S. 23°18' E. 65 lks.
 A pine 14 ins. dia. brs. S. 73°08' E. 85 lks.
 Each blazed and scribed 4 HES 619 + BT.

Thence N. 38°03' W.

Along NE. boundary of exempted strip, over open level land.

6.10 Arroyo 20 lks. wide, 1 ft. deep, course NE.
 10.00 Begin ascent of 15 ft. over rocky point, bears S.
 13.20 Top ascent, thence over level land.
 15.27 To Cor. No. 5.
 Deposit a tufa stone 3x4x5 ins. marked with a + 14 ins. in the ground, over which set a tufa stone 24x6x8 ins., chiseled + for the point and 5 HES 619 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor. whence:

A pine 11 ins. dia. brs. S. 88°41' E. 56 lks.
 A pine 10 ins. dia. bears N. 28°47' E. 52 lks.
 Each blazed and scribed 5 HES 619 + BT.

Thence N. 20°15' W.

Along NE. boundary of exempted strip for logging railway, over gently rolling land, through scattering pine.

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

Tract B.

Beginning at Cor. No. 6, on SW. side of exempted strip for logging railway.

Deposit a tufa stone 3x4x6 ins., marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long with brass cap, marked 1921 on S. rim and 6 HES 619 in SW/2. (No stone available for

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Chains mound), whence:

A pine 20 ins. dia. brs. N. 16°37' W. 227 lks.
 A pine 10 ins. dia. brs. N. 77°37' W. 358 lks.
 Each blazed and scribed 6 HES 619 + BT.
 Cor. No. 3 of Tract A, previously described,
 bears N. 55°03' E. 100 lks.
 Thence S. 35°42' E.
 Over open level land along SW. side of logging railway.

10.64 To Cor. No. 7.
 Deposit a tufa stone 2x3x4 ins., marked with a + 24 ins.
 in the ground, over which set an iron post 2 ins. dia.
 36 ins. long with brass cap, marked 1921 on S. rim and
 7 HES 619 in NW. sector. (No stone available for
 mound), whence:
 A pine 22 ins. dia. brs. S. 19°25' E. 150 lks.
 A pine 20 ins. dia. brs. N. 30°03' W. 257 lks.
 Each blazed and scribed 7 HES 619 + BT.

Thence N. 86°12' W.
 Over open gently rolling land.

19.87 To Cor. No. 8.
 Deposit a tufa stone 4x5x8 ins. marked with a + 14 ins.
 in the ground, over which set a tufa stone 24x14x5 ins.
 chiseled + for the point and 8 HES 619 on N. face;
 raise a mound of stone 2 ft. base 1-1/2 ft. high N. of
 Cor., whence:
 A pine 30 ins. dia. brs. N. 78°47' W. 24 lks.
 A pine 23 ins. dia. brs. N. 2°18' W. 33 lks.
 Each blazed and scribed 8 HES 619 + BT.

Thence N. 70°12' W.
 Over open gently rolling land.

12.30 Arroyo 10 lks. wide 2 ft. deep, course NE.

22.33 To Cor. No. 9.

Chains Deposit a tufa stone 2x3x5 ins., marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long with brass cap, marked 1921 on S. rim and 9 HES 619 in NE. portion facing claim; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:
 A pine 18 ins. dia. brs. N. 84°46' W. 308 lks.
 A pine 32 ins. dia. brs. N. 26°47' E. 339 lks.

Thence N. 43°58' W.

Over open gently rolling land.

15.51 To Cor. No. 10.

Deposit a tufa stone 2x2x4 ins., marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long with brass cap, marked 1921 on S. rim and 10 HES. 619 on E. portion facing claim; raise a mound of stone 2 ft. base 1-1/2 ft. high E. of Cor., whence:
 A pine 23 ins. dia. brs. N. 28°30' E. 143 lks.
 A pine 11 ins. dia. brs. N. 75°33' E. 161 lks.
 Each blazed and scribed 10 HES 619 + BT.

Thence N. 50°59' E.

Over rolling rocky land through scattering pine.

31.89 To Cor. No. 11 on SW. boundary of exemption strip for logging railway.

Deposit a tufa stone 3x4x5 ins., marked with a + 14 ins. in the ground, over which set a tufa stone 24x8x10 ins. chiseled + for the point and 11 HES 619 on S. face; raise a mound of stone 2 ft. base 1-1/2 ft. high S. of Cor.

No witnesses in limits, pits impracticable.

Cor. No. 1 of Tract A, previously described bears S. 70°47' E. 129 lks.

Thence S. 20°15' E.

Along SW. boundary of exemption strip for logging rail-

Chains way over gently rolling land.

7.14 To Cor. No. 12.

Deposit a tufa stone 3x3x4 ins. marked with a + 16 ins. in the ground, over which set a tufa stone 26x8x10 ins. chiseled + for the point and 12 HES 619 on SW. face; raise a mound of stone 2 ft. base 1-1/2 ft high SW. of Cor., whence;

- A pine 18 ins. dia. brs. S. 19°37' E. 131 lks.
- A pine 14 ins. dia. brs. S. 71°13' W. 74 lks.
- Each blazed and scribed 12 HES 619 + BT.

Thence S. 38°03' E. ;

Over open level land, along SW. boundary of exempted strip for logging railway.

2.10 Begin descent of 15ft. over rocky point, bears S.

5.40 Bottom of descent. Thence over open level land.

15.39 To Cor. No. 13.

Deposit a sandstone 2x4x6 ins., marked with a + 12 ins. in the ground, over which set a sandstone 20x4x10 ins., (no longer stone available), chiseled + for the point and 13 HES 619 on SW face; raise a mound of stone 2 ft. base 1-1/2 ft. high SW. of Cor., whence:

- A pine 10 ins. dia. brs. S. 12°06' W. 115 lks.
- A pine 12 ins. dia. brs. S. 84°25' E. 155 lks.
- Each blazed and scribed 13 HES 619 + BT.

Thence S. 34°12' E.

Along SW. boundary of exempted strip for logging railway, over open level land.

8.85 Arroyo 10 lks. wide 2 ft. deep, course NE.

9.35 Arroyo 10 lks. wide 2 ft. deep, course N.

15.36 To Cor. No. 6, the place of beginning.

AREAS

Area Tract A - - - - - 40.39 acres

HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

12.

STATE OF ARIZONA

Chains

Tract B. - - - - - 97.71 acres
 Total area - - - - - 138.10 acres
 Tract C. (unlisted area in road exemp.) 3.74 acres

IMPROVEMENTS

The only improvements on the claim consist of about 1/2 mile of wire fencing.

Value - - - - - \$40.00

DESCRIPTION

This claim is situated on a rolling mesa, about six miles south of Flagstaff; about 40 acres of the area comprised of bottom land in small draws is suitable for agricultural purposes. The soil is a sandy loam of fair depth. About 7 acres were under cultivation at the time of survey.

There is no water on the claim and prospects of developing water on the claim do not appear to be very favorable.

There is a scattering stand of yellow pine timber on the claim.

I saw no indication of mineral on the claim.

There was no one living on the claim at the time of survey.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Flagstaff, Arizona, the nearest settlement and post-office, lies about 6 miles to the north.

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Chains

TRAVERSES

TRACT A.

Course	Dist.	N.	S.	E.	W.
S.70°47'E.	34.81		11.46	32.87	
S.33°33'W.	22.91		19.09		12.66
N.34°12'W.	15.37	12.71			8.64
N.38°03'W.	15.27	12.02			9.41
N.20°15'W.	6.17	5.79			2.14
	<u>94.53</u>	<u>30.52</u>	<u>30.55</u>	<u>32.87</u>	<u>32.85</u>
Error in Lat. & Dep.		03			02

Closing Error 1/2622

TRACT B.

Course	Dist.	N.	S.	E.	W.
S.35°42'E.	10.64		8.64	6.21	
N.86°12'W.	19.87	1.32			19.83
N.70°12'W.	22.33	7.56			21.01
N.43°58'W.	15.51	11.16			10.77
N.50°59'E.	31.89	20.08		24.78	
S.20°15'E.	7.14		6.70	2.47	
S.38°03'E.	15.39		12.12	9.49	
S.34°12'E.	15.36		12.70	8.63	
	<u>138.13</u>	<u>40.12</u>	<u>40.16</u>	<u>51.58</u>	<u>51.61</u>
Error in Lat. & Dep.		04		03	

Closing Error 1/2723

TRACT C. ROAD EXEMPTION

Course	Dist.	N.	S.	E.	W.
N.34°12'W.	15.44	12.78			8.68
N.38°03'W.	15.20	11.97			9.37
N.20°15'W.	6.17	5.79			2.14
N.70°47'W.	1.29	.42			1.22
S.20°15'E.	7.14		6.70	2.47	
S.38°03'E.	15.39		12.12	9.49	
S.34°12'E.	15.36		12.70	8.63	
N.55°03'E.	1.00	.57		.82	
	<u>76.99</u>	<u>31.53</u>	<u>31.52</u>	<u>21.41</u>	<u>21.41</u>
Error in Lat. & Dep.			01		

Closing Error 1/7699

TIE COR. 1/619 to SC Secs. 33 & 34 T. 21 N., R. 7 E.

Course	Dist.	N.	S.	E.	W.
S.70°47'E.	34.81		11.46	32.87	
S.33°33'W.	22.91		19.09		12.66
S.55°03'W.	1.00		.57		.82
S.35°42'E.	10.64		8.64	6.21	
N.86°12'W.	19.87	1.32			19.83
S.60°35'W.	4.10		2.01		3.57
North	76.82	76.82			
East	9.85			9.85	
		<u>78.14</u>	<u>41.77</u>	<u>48.93</u>	<u>36.88</u>
		<u>41.77</u>		<u>36.88</u>	
		<u>36.97</u>		<u>12.05</u>	

Resultant Course N. 18°03'10" E. 38.88

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HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

14.

STATE OF ARIZONA

Chains

CLOSURE OF SEC. 3

course	Dist.	N.	S.	E.	W.
N. 89° 26' W.	79.64	.79			79.64
North	76.82	76.82			
East	9.85			9.85	
N. 89° 31' E.	67.80	.57		67.80	
S. 1° 26' E.	78.56		78.54	1.97	
		78.18	78.54	79.62	79.64
		36		02	

Survey completed July 16, 1921.

Thomas J. Myers
 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. 619, STATE OF ARIZONA

6-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1 - 2	S. 70°47' E.	34.81	TRACT A.		32	87	32 86		375 92
2 - 3	S. 33°33' W.	22.91		11 46			53 05		1012 19
3 - 4	N. 34°12' W.	15.37	12 71			8 64	31 74	403 42	
4 - 5	N. 38°03' W.	15.27	12 02			9 41	13 69	164 55	
5 - 1	N. 20°15' W.	6.17	5 79			2 14	2 14	12 39	
		94.53	30 52	30 55	32 87	32 85		580 36	1388 11
Error in Lat. & Dep.			03			02			580 36
									20/ 807 75
Closing error 1/2622									40 39
			TRACT B.						
6 - 7	S. 35°42' E.	10.64		8 64	6 21		96 97		837 82
7 - 8	N. 86°12' W.	19.87	1 32			19 83	83 36	110 87	
8 - 9	N. 70°12' W.	22.33	7 56			21 01	42 54	322 03	
9 - 10	N. 43°58' W.	15.51	11 16			10 77	10 77	120 30	
10 - 11	N. 50°59' E.	31.89	20 08		24 78		24 79	498 03	
11 - 12	S. 20°15' E.	7.14		6 70	2 47		52 05		348 73
12 - 13	S. 38°03' E.	15.39		12 12	9 49		64 01		775 80
13 - 6	S. 34°12' E.	15.36		12 70	8 63		82 13		1043 05
		138.13	40 12	40 16	51 58	51 61		1051 23	3005 40
Error in Lat. & Dep.			04			03			1051 23
									20/1954 17
Closing error 1/2723									97 71

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- DICTIONS.—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. 619, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.						
				TRACT C.	ROAD EXEMPTION							
3 - 4	N. 34°12' W.	15.37	12 71			8 64		34 18	434 77			
4 - 5	N. 38°03' W.	15.27	12 02			9 41		16 13	193 88			
5 - 1	N. 20°15' W.	6.17	5 79			2 14		4 58	26 52			X
1 - 11	N. 70°47' W.	1.29	42			1 22		1 22	51			
11 - 12	S. 20°15' E.	7.14		6 70		2 47		2 47		16 55		
12 - 13	S. 38°03' E.	15.39		12 12		9 49		14 45		174 89		
13 - 6	S. 34°12' E.	15.36		12 70		8 63		32 55		413 38		
6 - 3	N. 55°03' E.	1.00	57			82		42 00	23 94			
		76.99	31 51	31 52		21 41	21 41		679 62	604 82		
Error in Lat. & Dep.			01						604 82			
			31 52	31 52		21 41	21 41		20/ 74 80			
Closing error 1/7699									3 74			

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, October 18, 1922

The foregoing field notes of Homestead Entry Survey No.

619

executed by *Thomas F. Myers, Surveyor* [Forest Service Title.]
under his special instructions, dated *September 27*, 1920, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Frank F. Trott
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 F. TROTT
U. S. Surveyor General.

U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

FIELD NOTES

OF
AMENDED
HOMESTEAD ENTRY SURVEY NO. 619

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 3, surveyed Township 20 N. , Range 7 E.
In Section 4, surveyed Township 20 N. , Range 7 E.

of the

GILA AND SALT RIVER BASE AND Meridian.

State of ARIZONA

State of

Applicant for listing

Residence

Application No. , dated , 19

List No. 3-4551 , dated Dec. 30 , 19 22

Applicant for survey Carlos Salas

Residence Flagstaff, Arizona

H. E. No. 061729 , dated October 7 , 1927

Land Office Phoenix, Arizona.

Survey executed by C. A. Long, District Engineer
[Forest Service Title.]

Under special instructions dated February 18 , 19 28

Survey commenced February 23 , 19 28

Survey completed February 23 , 19 28

Under Acts of June 11, 1906 and January 18, 1927

OATH OF ASSISTANTS

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

parts or portions of Homestead Entry Survey No. **619**, 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 inconvenient to
appear before an officer to
administer Oaths to Assistants;
hence they were taken by the
Surveyor.**

John S. Comery A.P.P.

Subscribed and sworn to before me this **twenty-third** day of

February, 19 **28**

C. Long

District Engineer, Forest Service

OATH OF SURVEYOR

I, **C. A. Long, District Engineer - 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
, 19 , 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. **3-4551**, dated **December 30, 1922**, for
patent **Amended**, under the Act of **June 11**, 1906,
the same to be known as Homestead Entry Survey No. **619**,
situated within the **COCONINO** National Forest, in
surveyed Section **3**, Township **20 N.**, Range **7 E.**, and
surveyed Section **4**, Township **20 N.**, Range **7 E.**,

of the **GILA & SALT RIVER BASE &** meridian, **ARIZONA**, and the
related retracements and resurveys and section subdivisions, which are
represented in the following field notes as having been surveyed by me;
and I further solemnly swear that all the corners of said survey have
been established and perpetuated in strict accordance with the stated
special instructions, and in the specific manner described in the field
notes, and that the following are the original field notes of such
survey.

C. Long

District Engineer - Forest Service
[Forest Service Title.]

Subscribed and sworn to before me this **24th** day of

May, 19**28**.

*my Commission Expires
Dec. 4, 1928*

Orin C. Compton

Notary Public



AMENDED
HOMESTEAD ENTRY SURVEY NO. 619

207

COCONINO NATIONAL FOREST

STATE OF ARIZONA

.1.

Chains

Surveyed a tract of land covered by List No. 3-4551, dated December 30, 1922.

Surveyed under special instructions from the Office of Public Surveys for Arizona, dated February 18, 1928 and designated as Amended Homestead Entry Survey No. 619.

This amendment is made for the purpose of conforming the original survey to the area applied for and entered by Carlos Salas, H.E. 061729, dated October 7, 1927. This survey supersedes the original survey which was made by Forest Service Surveyor Thomas F. Myers on July 9 to July 16, 1921, of an unlisted tract surveyed under the cooperative plan under Special Instructions from the Surveyor General for Arizona, dated September 27, 1920.

The changes made by this amended survey involve no corrections with regard to the retracements of the lines of the public land surveys nor of the survey of lines of the homestead entry survey up to and including Cor. No. 8, as executed by Thomas F. Myers, and the record of such retracements and survey is taken from the field notes of the original survey and included herein for the purpose of completing the record of the amended survey.

Situated in Secs. 3 and 4, T. 20 N., R. 7 E., (surveyed and accepted), Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and January 18, 1927, (original survey under the Acts of June 11, 1906 and March 3, 1921).

Thomas F. Myers, surveyor - Forest Service.

Survey commenced July 9, 1921, 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.

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AMENDED
HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

2.

Chains July 9, 1921.
 At my station near Cor. No. 8 of this survey in Lat. $35^{\circ}07'15''$ N.,
 Long. $111^{\circ}39'$ W. from Forest Service Base Map, at 7 h. 32m.20s.p.m.
 1.m.t., I observe Polaris with telescope direct reading an angle of
 $4^{\circ}59'30''$ from star to left to reference mark about $1/2$ mile distant.
 Greenwich m.t. U. C. Polaris July 10, 1921, 6h 22.3m a.m.
 Corr. for Long. 1.2
 1.m.t. U. C. Polaris July 10, 1921 6h 21.1m a.m.
 1.m.t. obsn. Polaris July 9, 1921, 7h 32.3m p.m.
 Hour angle 10h 48.8m
 Azimuth of Polaris $0^{\circ}24.3'$ E.
 Bearing of Reference Mark N. $4^{\circ}35.2'$ W.
 At the same station at 7h 34m 02s p.m. 1.m.t., I again observe
 Polaris with telescope reversed, reading an angle of $5^{\circ}00'$ from
 star to left to same reference mark.
 1.m.t. U. C. Polaris, July 10, 1921, 6h 21.1m a.m.
 1.m.t. obsn. Polaris, July 9, 1921, 7h 34.0m p.m.
 Hour angle 10h 47.1m
 Azimuth of Polaris $0^{\circ}24.8'$ E.
 Bearing of Reference Mark N. $4^{\circ}35.2'$ W.
 The mean bearing of reference mark is N. $4^{\circ}35.2'$ W.
 I accept bearing of reference mark as N. $4^{\circ}35'$ W., and from the
 corresponding meridian all the courses of this survey were de-
 flected by sustained angulation.
 July 9, 1921.

RETRACEMENTS

July 10, 1921.
 Beginning at the Cor. of Secs. 2, 3, 10 and 11, T. 20 N., R. 7 E.,
 a pine post 4 ins. dia. 24 ins. long, lying in a small mound of
 stone, marked as described by the Surveyor General, witnessed by a
 pine 24 ins. dia. which bears S. 59° E. 66 lks. dist., marked
 TXXNRVILLE XI BT. The other witness trees have been cut or have
 blown down. I restore Cor. at same point as follows:
 Deposit a limestone 2x4x4 ins. marked with a + 12 ins. in the ground,

AMENDED
HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

over which set a limestone 24x8x6 ins. chiseled 2 notches on E. and
5 grooves on S. face, surrounded by a mound of stone, whence:

A pine 24 ins. dia. brs. S. 59° E. 66 lks. dist., mkd.

TXNVRVILEX I BT (Old BT)

A pine 12 ins. dia. brs. N. 17°00' W. 155 lks., blazed and
scribed T. 20 N R 7 E S 3 + BT. (New BT).

No other witnesses in limits.

Thence N. 89°26' W.

On record course between Secs. 3 and 10.

39.82 Make careful search covering an area of 10 chs. dia., but fail to
find any evidence of 1/4 Cor. Point falls in old cutover area which
has also been burned over.

79.64 Make careful search covering an area of 10 chs. dia. but fail to find
any evidence of Cor. Secs. 3, 4, 9 and 10. Set temporary point.

Point for Cor. falls in area which was burned over by Forest fire
within the past 5 years.

July 10, 1921.

July 11, 1921.

Thence S. 89°46' W.

On record course between Secs. 4 and 9.

39.91 Make careful search covering an area of 10 chs. dia. for 1/4 Cor.
between Secs. 4 and 9, but fail to find any evidence of same. Point
falls in old cutover area. Stumps are practically rotted away.
Area shows evidence of having been burned over.

79.82 Make careful search covering an area of 10 chs. dia. for Cor. Secs.
4, 5, 8 and 9, but fail to find any evidence of same.
Point falls in old cutover area.

July 11, 1921.

July 12, 1921.

Thence S. 89°56' W.

On record course between Secs. 5 and 8.

40.05 Make careful search covering an area of 10 chs. for 1/4 Cor. between

HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

14.

Chains Secs. 5 and 8, but fail to find any evidence of same. Point falls in old cutover area. Area also shows evidence of having been burned over.

80.10 Make careful search covering an area of 10 chs. for Cor. Secs. 5, 6, 7 and 8, but fail to find any evidence of same. Point for Cor. falls in old cutover area. Area has also been burned over.

Thence N. 89°49' W.

Over record course between Secs. 6 and 7.

40.00 Make careful search covering an area of 10 chs. for 1/4 Cor. between Secs. 6 and 7, but fail to find any evidence of same.

78.40 Make careful search covering an area of 10 chs. for Cor. Secs. 6, 7, 1 and 12, but fail to find any evidence of same.

July 12, 1921.

July 13, 1921, Rain, no work.

July 14, 1921.

Return to temporary point for Cor. Secs. 3, 4, 9 and 10.

Thence North.

On record course between Secs. 3 and 4.

40.00 Make careful search covering an area of 10 chs. for 1/4 Cor. between Secs. 3 and 4, but fail to find any evidence of same.

76.82 Fall 9.85 chs. west of the standard Cor. of Secs. 33 and 34, a limestone 10x4x10 ins. above ground in mound of stone marked SC on N., 3 notches on E. and W. edges.

A pine 6 ins. dia. bears N. 32°30' W. 110 lks. Blazed and scribed T. 21 N. R 7 E. S 33 BT.

A pine 10 ins. dia. bears N. 8°30' E. 157 lks. Blazed and scribed T. 21 N. R 7 E. S. 34 BT.

Note: The above Cor. was restored by Forest Service Surveyor R.P.A.

Johnson on October 16, 1915, in connection with the survey of HES 395.

From the SC Secs. 33 and 34, I ran West 12.20 chs. and made careful search covering an area of 10 chs. dia., but fail to find any evi-

AMENDED
HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

dence of closing Cor. for Secs. 3 and 4.

July 14, 1921.

July 15, 1921.

Return to Cor. Secs. 2, 3, 10 and 11, previously described.

Thence North.

Retracing line between Secs. 2 and 3.

40.00 Make careful search covering an area of 10 chs. for 1/4 Cor. between Secs. 2 and 3 but fail to find any evidence of same.

78.54 Fall 1.96 chs. E. of Closing Cor. for Secs. 2 and 3, a post 4 ins. square, 16 ins. above ground, set in mound of stone, marked and witnessed as described by the Surveyor General. Post is partially burned.

True line is S. 1°26' E. 78.56 chs.

From the CC Secs. 2 and 3, I ran East 12.80 chs. and made careful search covering an area of 5 chs. dia., but failed to find any evidence of S. C. Secs. 34 and 35.

From the closing Cor. of Secs. 2 and 3, previously described.

Thence West.

Retracing 5th std. parallel N. on S. boundary Sec. 34.

67.80 Fall 57 lks. N. of std. Cor. Secs. 33 and 34, previously described.

True line is S. 89°31' W. 67.80 chs.

July 15, 1921.

BOUNDARIES OF CLAIM.

July 16, 1921.

TRACT A.

Beginning at Cor. No. 1.

Deposit a tufa stone 1x4x6 ins., marked with a + 14 ins. in the ground, over which set a tufa stone 24x10x10 ins. chiseled + for the

point and 1 HES 619 on SE. face; raise a mound of stone 2 ft. base 1

1-1/2 ft. high SE. of Cor., whence:

A pine 20 ins. dia. brs. N. 70°04' E. 249 lks.

A pine 20 ins. dia. brs. S. 89°54' E. 259 lks.

Each blazed and scribed 1 HES 619 + BT.

AMENDED
HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

6.

Chains

The std. Cor. Secs. 33 and 34, previously described, bears
N. 18°03'10" E. 38.88 chs. distant by traverse which
appears at the end of these notes.

Latitude 35°07'42" N., Long. 111°39' W. from Forest Service Base Map.

Mag. decl. at 8 a.m. 14°30' E. Mean Mag. decl. 14°26' E.

Thence S. 70°47' E.

Over rolling land.

30.00 Enter open draw.

32.00 Arroyo 20 lks. wide 1 ft. deep, course NE.

34.00 Leave draw.

34.81 To Cor. No. 2.

Deposit a tufa stone 1x3x5 ins., marked with a + 20 ins. in the
ground, over which set a tufa stone 30x11x6 ins., chiseled + for
the point and 2 HES 619 on SW. face; raise a mound of stone 2 ft.
base 1-1/2 ft. high SW. of Cor., whence:

A pine 18 ins. dia. brs. S. 84°04' W. 4.04 lks.

A pine 18 ins. dia. brs. N. 50°05' W. 4.66 lks.

Each blazed and scribed 2 HES 619 + BT.

Thence S. 33°33' W.

Over rolling rocky NW. slope.

22.91 To Cor. No. 3.

On NE. side of exempted strip for logging railway.

Deposit a tufa stone 3x4x6 ins., marked with a + 18 ins. in the

ground, over which set a tufa stone 26x8x10 ins. chiseled + for the
point and 3 HES 619 on N. face; raise a mound of stone 2 ft. base
1-1/2 ft. high N. of Cor., whence:

A pine 24 ins. dia. brs. S. 49°35' E. 102 lks.

A pine 28 ins. dia. brs. N. 62°55' E. 234 lks.

Each blazed and scribed 3 HES 619 + BT.

Thence N. 34°12' W.

Over open level land, along NE. side of strip exempted for logging
railway.

HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

6.55 Arroyo 10 lks. wide 2 ft. deep. course NE.

15.37 To Cor. No. 4.

Deposit a sandstone 1x2x4 ins. marked with a + 14 ins. in the ground, over which set a sandstone 24x8x6 ins. chiseled + for the point and 4 HES 619 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

A pine 12 ins. dia. brs. S. 23°18' E. 65 lks.

A pine 14 ins. dia. brs. S. 73°08' E. 85 lks.

Each blazed and scribed 4 HES 619 + BT.

Thence N. 38°03' W.

Along NE. boundary of exempted strip, over open level land.

6.10 Arroyo 20 lks. wide, 1 ft. deep, course NE.

10.00 Begin ascent of 15 ft. over rocky point, bears S.

13.20 Top ascent, thence over level land.

15.27 To Cor. No. 5.

Deposit a tufa stone 3x4x5 ins. marked with a + 14 ins. in the ground, over which set a tufa stone 24x6x8 ins., chiseled + for the point and 5 HES 619 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor. whence:

A pine 11 ins. dia. brs. S. 88°41' E. 56 lks.

A pine 10 ins. dia. bears N. 28°47' E. 52 lks.

Each blazed and scribed 5 HES 619 + BT.

Thence N. 20°15' W.

Along NE. boundary of exempted strip for logging railway, over gently rolling land, through scattering pine.

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

TRACT B.

Beginning at Cor. No. 6 on S.W. side of exempted strip for logging railway.

AMENDED
HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

8.

Chains Deposit a tufa stone 3x4x6 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long with brass cap, marked 1921 on S. rim and 6 HES 619 in SW/2 (no stone available for mound) whence;

A pine 20 ins. dia. bears N. 16° 37' W. 227 lks.
A pine 10 ins. dia. bears N. 77° 37' W. 358 lks.
Each blazed and scribed 6 HES 619 + BT.
Cor. No. 3 of Tract A previously described bears N. 55° 03' E. 100 lks.

Thence S. 35° 42' E.

Over open level land along SW side of logging railway.

10.64 To Cor. No. 7.

Deposit a tufa stone 2x3x4 ins. marked with a + 24 ins. in the ground, over which set an iron post 2 ins. dia. 36 ins. long with brass cap marked 1921 on S. rim and 7 HES 619 in NW sector. (No stone available for mound) whence

A pine 22 ins. dia. bears S. 19° 25' E. 150 lks.

A pine 20 ins. dia. bears N. 30° 03' W. 257 lks.

Each blazed and scribed 7 HES 619 + BT.

Thence N. 86° 12' W.

Over open gently rolling land.

19.87 To Cor. No. 8.

Deposit a tufa stone 4x5x8 ins. marked with a + 14 ins. in the ground, over which set a tufa stone 24x14x5 ins. chiseled + for the point and 8 HES 619 on N face. Raise a mound of stone 2 ft. base, 1 1/2 ft. high N. of Cor., whence:

A pine 30 ins. dia. bears N. 78° 47' W. 24 lks.

A pine 23 ins. dia. bears N 2° 18' W. 33 lks.

Each blazed and scribed 8 HES 619 + BT.

Thomas F. Myers, surveyor - Forest Service,
July 16, 1921.

AMENDED
HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

February 23, 1928

C. A. Long, District Engineer, Forest Service.

Survey commenced February 23, 1928 and executed with a Buff and Buff transit No. 10802, equipped with Smith solar attachment.

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

All distances are horizontal and were made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

The courses of this survey were deflected by sustained angulation from the meridian established by Forest Service Surveyor Thomas F. Myers by Polaris observation on July 9, 1921 in connection with the original survey of HES 619 at Cor. No. 8, hereinbefore described.

Thence N. 70°12' W. along line 8-9 of the original survey.

Over open gently rolling land.

12.30 Arroyo 10 lks. wide 2 ft. deep, course NE.

17.76 To Cor. No. 9.

Deposit a limestone 2x2x4 ins. marked with a + 24 ins. in ground, over which set an iron post 2 ins. dia. 36 ins. long, with brass cap marked 1928 on S. rim and 9 HES 619 in E. quadrant, raise a mound of stone 2 ft. base 1-1/2 ft. high E. of Cor., whence

A yellow pine 24 ins. dia. bears S.54°30' E.108 lks.dist.

A yellow pine 14 ins. dia. bears N.52°20' E.184 lks.dist.

Each marked 9 HES + 619 BT.

Cor. No. 9 of the original survey, bears N.70°12' W.4.57

chains.

Note: I destroy all evidence of corners, 9,10,11 and 12 of the original survey.

Thence N. 57°08' E.

Over rolling land, through scattering pine.

AMENDED ORIGINAL
HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

19.

Chains

25.82 To Cor. No. 10 of this survey and identical with Cor. No. 13 of the original survey as established by Thomas F. Myers, surveyor, Forest Service, on July 16, 1921, which is a sandstone 20x4x10 ins. set 12 ins. in the ground over a sandstone 2x4x6 ins. marked with a * and marked 13 HES 619 on the southwest face with mound of stone 2 ft. base 1 1/2 ft. high southwest of corner. I changed the number on this stone set for Cor. No. 13 from 13 HES 619 to 10 HES 619, whence

A pine 10 ins. dia. bears S. 12° 06' W. 115 lks. dist. marked 13 HES + 619 BT. I changed the 13 to 10.
A pine 10 ins. dia. bears S. 84° 25' E. 155 lks. dist. marked 13 HES 619 + BT. I changed the 13 to 10.
The above witness trees are identical with those recorded in original survey for Cor. 13 HES 619.

Cor. No. 4 previously described bears N. 53° 52' E. 100 lks. dist.

Thence S. 34° 12' E. retracing line 13-6 of the original survey.
Along SW boundary of exempted strip for logging railway over open rolling land.

8.85 Arroyo 10 lks. wide 2 ft. deep, course NE.

9.35 Arroyo 10 lks. wide 2 ft. deep, course N.

15.36 To Cor. No. 6, the place of beginning.

AREAS

Area Tract A - - - - -	40.39 acres
Tract B - - - - -	38.18 acres
Total area - - - - -	78.57 acres
Tract C (unlisted area in road exemp.)	1.54 acres

IMPROVEMENTS

The only improvements on the claim consist of about 1/2 mile of wire fencing.

Value - - - - - \$40.00

A frame dwelling 12'x48', the long sides of which are N and S.
The SW cor. bears N. 81° 45' E. 7.11 ch. from Cor. #8 value \$150.00

HOMESTEAD ENTRY SURVEY NO. 619

COCONINO NATIONAL FOREST

STATE OF ARIZONA

11.

Chains

DESCRIPTION

This claim is situated on a rolling mesa, about six miles south of Flagstaff; about 18 acres of the area comprised of bottom land in small draws are now under cultivation, and about 45 acres can be farmed. The soil is a sandy loam of fair depth.

There is no water on the claim and prospects of developing water on the claim do not appear to be very favorable.

There is a scattering stand of yellow pine timber on the claim.

I saw no indication of mineral on the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Flagstaff, Arizona, the nearest settlement and postoffice, lies about 6 miles to the north.

TRAVERSES

TIE COR. 1/619 to SC Secs. 33 & 34 T. 21 N., R. 7 E.

Course	Dist.	N.	S.	E.	W.
S.70°47' E.	34.81		11.46	32.87	
S.33°33' W.	22.91		19.09		12.66
S.55°03' W.	1.00		.57		.82
S.35°42' E.	10.64		8.64	6.21	
N.86°12' W.	19.87	1.32			19.83
S.60°35' W.	4.10		2.01		3.57
North	76.82	76.82			
East	9.85			9.85	
		78.14	41.77	48.93	36.88
		41.77		36.88	
		36.97		12.05	

Resultant Course N. 18°03'10" E. 38.88

CLOSURE OF SEC. 3

Course	Dist.	N.	S.	E.	W.
N.89°26' W.	79.64	.79			79.64
North	76.82	76.82			
East	9.85			9.85	
N.89°31' E.	67.80	.57		67.80	
S.1°26' E.	78.56		78.54	1.97	
		78.18	78.54	79.62	79.64
		36		02	

Survey completed February 23, 1928.

C. Long
District Engineer - 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. 619, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.					
1 - 2	S. 70°47' E.	34.81		TRACT A. 11 46 ⁴⁴	32 87 ⁸⁶		32 86			375 92	
2 - 3	S. 33°33' W.	22.91		19 09 ⁰⁸			12 66 ⁶⁷			1012 19	
3 - 4	N. 34°12' W.	15.37	12 71				8 64	403 42			
4 - 5	N. 38°03' W.	15.27	12 02				9 41	164 55			
5 - 1	N. 20°15' W.	6.17	5 79				2 14	12 39			
		94.53	30 52	30 55	32 87	32 85		580 36		1388 11	
Error in Lat & Dep.			03			02				580 36	
										20) 807 75	
Closing error 1/2622										40 39	
				TRACT B.							
6 - 7	S. 35°42' E.	10.64		8 64	6 21		66 87			577 76	
7 - 8	N. 86°12' W.	19.87	1 32				19 83	70 29			
8 - 9	N. 70°12' W.	17.76	6 02				16 71	100 59			
9 - 10	N. 57°08' E.	25.82	14 01		21 69 ⁷⁰		21 70	304 02			
10 - 6	S. 34°12' E.	15.36		12 70	8 63		52 03			660 78	
		89.45	21 35	21 34	36 53	36 54		474 90		1238 54	
										474 90	
										20) 763 64	
Closing error 1/6324	1/6324									38 102 acres	
				TRACT A = 40.39							
				" B = 38.18							
				78.57							

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- DIRECTIONS.—1. Carry out calculations to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures.
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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 619, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
					TRACT C. ROAD EXEMPTION				
3 - 4	N.34°12' W.	15.37	12 71			8 64	10 26	130 40	
4 - 10	S.53°52' W.	1.00			59		81		48
10 - 6	S.34°12' E.	15.36		12 70		8 63	8 63		109 51
6 - 3	N.55°03' E.	1.00	57			82	18 08	10 31	
		32.73	13 28	13 29		9 45		140 71	109 99
			01					109 99	
								20)30 72	
Closing error 1/3273								1 536 acres	

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APPROVAL

PUBLIC SURVEY OFFICE

~~Office of the United States Surveyor General,~~

Phoenix, Arizona, June 16, 1928 , 191

The foregoing field notes of Homestead Entry Survey No.

619 Amended

executed by C. A. Long, District Engineer, [Forest Service Title.]
under his special instructions, dated February 18, 1928 , 191 , having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

John D. Adams
OFFICE CADASTRAL ENGINEER
~~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.

John D. Adams OFFICE CADASTRAL ENGINEER
~~U. S. Surveyor General.~~