

NOV 5 1918
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L. R.
171

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

JUN 4 1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 370

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 19	- surveyed	Township 19 N.	Range 7 E.
In Section 20	, - surveyed,	Township 19 N.,	Range 7 E.
In Section 25,	- surveyed,	Township 19 N.,	Range 6 E.
In Section 29,	- surveyed,	Township 19 N.,	Range 7 E.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA.

Applicants for listing J. D. Newman and Elijah J. D. Lay

Residence Flagstaff, Arizona

Application No. 25 , dated January 4 , 1907

Application No. 388 , dated November 12 , 1912

List No. 544 , dated October 16 , 1907

List No. 3-2785 , dated November 24 , 1913

Applicant for survey Roe N. Smith,

Residence Flagstaff, Arizona

H. E. No. 025165 , dated May 25 , 1914

Office
Land District Phoenix, Arizona

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

Under special instructions dated June 13 , 1916

Survey commenced May 8 , 1918

Survey completed May 11 , 1918

Under Acts of June 11, 1906 and March 4, 1917

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OATH OF ASSISTANTS

We hereby certify that we assisted R. P. A. Johnson in surveying all those parts or portions of Homestead Entry Survey No. 370, in the State of Arizona which are represented in the following field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Arizona

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

Charles Robinson
Chainman
Henry Edwards
Chainman

Subscribed and sworn to before me this thirteenth day of May, 1918.

R. P. A. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

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

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for ARIZONA, dated June 13, 1916, 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

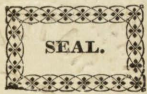
LIST, No. 544, dated October 16, 1907
LIST, No. 3-2785, dated November 24, 1913, for
PATENT, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 370
situated within the COCONINO Township 19 N. R. 7 E. National Forest, in
- surveyed Section 19, Township 19 N., Range 7 E., and
- surveyed Section 20, Township 19 N., Range 6 E., and
- surveyed Section 25, Township 19 N., Range 7 E., and
- surveyed Section 29, Township 19 N., Range 7 E.

of the Gila and 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.

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

Subscribed and sworn to before me this fourth day of June, 1918.

Exchel M. Gitchell
Notary Public



8-2349

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains Applicants for listing, J. D. Newman and Elijah J. D. Lay; Application Nos. 25 and 388, dated January 4, 1907 and November 12, 1912; List Nos. 544 and 3-2785, dated October 16, 1907 and November 24, 1913; H. E. 025165 made in the Phoenix Land Office on May 25, 1914, by Roe N. Smith.

A metes and bounds survey was resorted to in this case in accordance with the desires of the Forest Service, and in order to obtain more satisfactory lines including all possible agricultural land intended to be embraced in the original listing, while excluding Forest land. This is therefore in the nature of a cooperative survey, and will be used for a basis for substitute listing and amendment of entry. Copy of signed statement from entryman agreeing to changes made in this survey is attached at end of these notes.

Surveyed under special instructions from the Surveyor General for Arizona, dated June 13, 1916 and designated as Homestead Entry Survey No. 370.

Situated in Sec. 25, T. 19 N., R. 6 E., and Secs. 19, 20 and 29, T. 19 N., R. 7 E., Gila and Salt River Base and Meridian, within the Coconino National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4, 1917.

Survey commenced May 8, 1918 and executed with a Buff and Buff transit, 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.

May 7, 1918.

I observe Polaris for azimuth at cor. for secs. 19, 24,

COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains 29 and 25, T. 19 N., Rs. 6 and 7 E., hereinafter described. The reading on the reference object East of star is set at zero.

Lat. 35° 00' 30" N., Longitude 111° 41' 08" W., from Forest Service Grazing Atlas.

Telescope	Time	Horizontal Angle
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Direct	6h. 39m. 35s.	1° 10' 30"
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Reversed	6h. 41m. 25s.	1° 10' 00"
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Mean	6h. 40m. 30s.	1° 10' 15"
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1.m.t. U.C. Pol. May 7, A.M. 10h. 31.1m.

1.m.t. obsn. May 7, p.m. 6h. 40.5m.

Hour angle Pol. at obsn. 8h. 09.4m.

Azimuth of Pol. 1° 09' 21" W.

Bearing of reference object N. 0° 0' 54" E.

May 7, 1918.

I again observe Polaris for azimuth at same station. The reading on reference object is set at zero.

Telescope	Time	Horizontal Angle
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Direct	6h. 43m. 36s.	1° 09' 00"
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Reversed	6h. 45m. 02s.	1° 09' 00"
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Mean	6h. 44m. 19s.	1° 09' 00"
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1.m.t. U.C. Pol. May 7, a.m. 10h. 31.1m.

1.m.t. Obsn. May 7, p.m. 6h. 44.3m.

Hour angle Pol. at obsn. 8h. 13.2m.

Azimuth of Pol. 1° 08' 20" W.

Bearing of reference object N. 0° 0' 40" E.

RETRACEMENTS AND RESURVEYS

May 8, 1918.

At 7h. 35m. a.m., 1.m.t., I set off 35° 00 1/2' on lat. arc 16° 59' N. on decl. arc, and determine a meridian with the solar at the cor. to secs. 19, 24, 25 and 29, T. 19 N., Rs. 6 and 7 E., which is a malpais stone 8 x 7 x 6 ins. above ground, marked and witnessed as described by the Surveyor General. The meridian thus determined differs 0° 01' from meridian determined by

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains	last high's Polaris observation.
	Thence S. 14° 40' E.
	Retracing line bet. secs. 25 and 29, N/2.
41.14	Fall 14 lks. N. 75° 20' E. of 1/4 sec. cor. bet. secs. 25 and 29 which is a malpais stone 6 x 4 x 10 ins. above ground, marked 1/4 on W. face, with pits and mound of earth. Return course N. 14° 28' W., 41.14 chs.
	Thence S. 14° 40' E.
	Retracing line bet. sec. 25 and 29, S/2.
41.14	Fall 14 lks. N. 75° 20' E. of cor. to secs. 25, 29, 32 and 36, which is a malpais stone 10 x 6 x 6 ins. above ground, marked and witnessed as described by the Surveyor General. Return course N. 14° 28' W., 41.14 chs. Obsn. for Lat. impracticable. Clouds at noon.
	Thence West, (Record course S. 89° 58' W.)
	On random line bet. sec. 25 and 36.
40.05	At this point I make strict search for 1/4 cor. bet. secs. 25 and 36, which is described by Surveyor General as a malpais stone with mound of stone. I fail to find any trace of mound or stone. Point for cor. falls on steep hillside in loose rock, near foot of 30 ft. cliff. Hillside is covered with heavy oak and scattered pine.
80.82	Fall 77 lks. S. of cor. for secs. 25, 26, 35 and 36, which is a malpais stone 6 x 6 x 8 ins. marked and witnessed as described by Surveyor General. I restore cor. as follows: Deposit a lava stone 4 x 4 x 4 ins. marked with a + 12 ins. in the ground, over which set a lava stone 24 x 12 x 6 ins., marked with one notch on S. and E. faces; and raise a mound of stone 3 ft. base, 2 ft. high N. of cor., Return course S. 89° 27' E., 80.82 chs.

Chains Thence N. 15° W. (Record course N. 13° 08' W.)
 On random line bet. secs. 26 and 25, S/2.
 40.38 Fall 68 lks. N. 75° E. of 1/4 sec. cor. bet. secs. 26
 and 25, which is a malpais stone 20 x 8 x 6 ins. in
 a mound of stone, marked 1/4 on West face, whence:
 A yellow pine 10 ins. dia., bears East 64 lks.
 1/4 S 25 B T. (New bearing tree).
 A yellow pine 26 ins. dia., bears N. 45° W.,
 54 lks. dist., marked 1/4 S 26 B T (old B T)
 Return course S. 15° 58' E., 40.39 chs.

May 8, 1918.

May 9, 1918.

At 8h. 25m. a.m., l.m.t., I set off 35° 00' on lat. arc,
 17° 16' N., on decl. arc and determine a meridian with
 the solar at cor. for secs. 25, 29, 32 and 36 hereto-

fore described.

Thence East (Record course S. 86° 40' E)

On random line bet. secs. 29 and 32, W/2.

26.09 Fall 172 lks. South of 1/4 sec. cor. bet. secs. 29 and
 32, which is a malpais stone 8 x 6 x 8 ins. above

ground marked and witnessed as described by the Survey-
 or General.

Return course S. 86° 14' W., 26.15 chs.

Thence East (Record course S. 86° 40' E) E/2

On random line bet. sec. 29 and 32.

40.35 Fall 315 lks. N. of cor. for sections 28, 29, 32 and 33.

I fail to find marked stone, but find four witness trees
 and mound of stone. I restore cor. at mound as follows:

Mark a + on top of a lava stone 4 x 3 x 2 ft. above
 ground and groove on S. and 4 grooves on East face; and
 raise a mound of stone 3 ft. base, 2 ft. high N. of cor.

whence:

A yellow pine 40 ins. dia. (old B T) bears N. 55°

30' W. 69 lks. dist., marked T 19 N R 7 ES 29 B T.

HOMESTEAD ENTRY SURVEY NO. 1370

TRACONINO NATIONAL FOREST

STATE OF ARIZONA

Chains (Field notes from Surveyor General record

pine 40 ins. diam. N. 80° W. 35 lks. dist.

A yellow pine 40 ins. dia., bears N. 67° E.,
123 lks. dist., marked T 19 N R 7 E S 28 B T.

(old B T) (Field notes from Surveyor General

record pine 38 ins. diam. N. 83° E., 110 lks.

dist.)

A yellow pine 30 ins. dia., (old B T) bears S.

70° E., 96 lks. dist., marked T 19 N R 7 E S

33 B T. (Field notes from Surveyor General

record pine 28 ins. diam. S. 60° E., 95 lks.

dist.)

A yellow pine 30 ins. dia., (old B T) bears S.

60° W., 107 lks. dist., marked T 19 N R 7 E S

32 B T. (Field notes from Surveyor General

record pine 16 ins. diam. S. 46° W., 80 lks.

dist.)

Return course N. 85° 32' W., 40.47 chs.

Thence North

Retracing line bet. secs. 28 and 29, S/2.

40.60 Fall 63 lks. E. of 1/4 sec. cor. bet. secs. 28 and 29,

which is a malpais stone 14 x 4 x 10 ins. above ground,

marked and witnessed as described by the Surveyor

General.

Return course S. 0° 53' E., 40.60 chs.

Obsn. for Lat. impracticable. Clouds at noon.

Thence North

Retracing line bet. secs. 28 and 29, N/2.

40.46 Fall 44 lks. East of cor. to secs. 20, 21, 28 and 29,

which is a malpais stone 8 x 5 x 8 ins. above ground

marked and witnessed as described by Surveyor General.

Return course S. 0° 37' E., 40.46 chs.

Chains At 3h. 10m. p.m., l.m.t., I set off 35° 1/2' on lat. arc
 17° 20' N. on decl. arc and determine a meridian with
 the solar at cor. to secs. 20, 21, 28 and 29, hereto-
 fore described.
 Thence West. (Record course N. 86° 40' W)
 On random line bet. secs. 20 and 29, E/2.
 40.26 Fall 49 lks. S. of 1/4 sec. cor. bet. secs. 20 and 29,
 which is a malpais stone 14 x 10 x 4 ins. surrounded
 by mound of stone and marked and witnessed as describ-
 ed by the Surveyor General.
 Return course S. 89° 18' E., 40.26 chs.

Thence West (Record course N. 86° 40' W.)
 On random line bet. secs. 19, 20 and 29, W/2.
 45.89 Fall 44 lks. N. of cor. for secs. 19, 24, 25 and 29,
 heretofore described.
 Thence N. 89° 27' E.

On a true line bet. secs. 19 and 29.
 7.73 To theoretical point for cor. secs. 19 and 20 on N.
 bdy sec. 29 T. 19 N., R. 7 E. (The locus of said point
 being determined by the following proportion:

$$\frac{45.89 \times 40}{48.10} = 38.16 \quad 45.89 - 38.16 = 7.73$$

45.89 1/4 cor. bet secs. 20 and 29 heretofore described.
 At 5h. 50m. p.m., l.m.t., I set off 35° 1/2' on lat. arc
 17° 24' N. on decl. arc and determine a meridian with
 the solar at above cor.

The meridian thus determined differs 0° 01' 15" from
 meridian determined by Polaris observations.

May 9, 1918.

May 10, 1918.

At 9h. 46m. a.m., l.m.t., I set off 35° 1/2' on lat. arc,
 17° 32 1/2' N. on decl. arc and determine a meridian

COCONINO NATIONAL FOREST

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Chains	<p>with the solar at cor. to secs. 19, 24, 25 and 29. Thence N. 15° 09' W. Retracing line bet. secs. 19 and 24.</p> <p>41.16 Fall 11 lks. N. 74° 51' E. of 1/4 sec. cor. bet secs. 19 and 24, which is a malpais stone 10 x 4 x 8 ins. above ground, marked and witnessed as described by the Surveyor General.</p>
	<p>Return course S. 15° 18' E., 41.16 chs.</p>
	<p>Thence N. 15° 09' W.</p>
	<p>Retracing line bet. sec. 19 and 24.</p>
	<p>41.17 Fall 7 lks. S. 74° 51' W. of cor. for secs. 13, 18, 19 and 24, which is a malpais stone 12 x 4 x 10 ins. above ground, marked and witnessed as described by Surveyor General.</p>
	<p>Return course S. 15° 03' E., 41.17 chs.</p>
	<p>Thence East. (Record course S. 86° 40' E.)</p>
	<p>On random line bet. secs. 18, 19 and 20.</p>
	<p>25.10 Fall 181 lks. S. of cor. for secs. 18 and 17, which is a malpais stone 8 x 4 x 10 ins. above ground, marked with 5 notches on E. edge and 3 notches on S. edge, with mound of stone 3 ft. base, 2 ft. high W. of cor.,</p>
	<p>whence:</p>
	<p>A pine 30 ins. dia., bears N. 35° 19' E., 192</p>
	<p>lks. dist., scribed T 19 N R 7 E S 17 B T. (New BT)</p>
	<p>A pine 20 ins. dia. bears N. 45° W., 97 lks.</p>
	<p>dist., scribed T 19 N R 7 E S 18 B T. (New BT)</p>
	<p>A pine 24 ins. dia., bears S. 79° 35' W., 190</p>
	<p>lks. dist., scribed T 19 N R 7 E S 20 B T. (New BT)</p>
	<p>(Field notes from Surveyor General record no trees within limits.)</p>
	<p>Return course N. 85° 53' E., 25.17 chs.</p>
	<p>Thence East (Record course S. 86° 4' E.)</p>
	<p>On random line bet. secs. 17 and 20.</p>

TRINIDAD NATIONAL FOREST

STATE OF ARIZONA.

Chains
40.16 Fall 18 lks. S. of 1/4 sec. cor. bet. secs. 17 and 20,
which is a malpais stone 10 x 6 x 5 ins. above ground,
marked and witnessed as described by the Surveyor
General.

Return course S. 89° 45' W., 40.16 chs.

Obsn. for lat. impracticable. Clouds at noon.

Thence East, (Record course S. 86° 4' E.)

On random line bet. secs. 17 and 20.

40.36 Fall 181 lks. N. of cor. for secs. 16, 17, 20, 21, which
is a malpais stone 24 x 12 x 6 ins. in a mound of
stone marked and witnessed as described by Surveyor
General.

Return course N. 87° 26' W., 40.40 chs.

Thence South,

Retracing line bet. secs. 20 and 21.

39.44 Fall 162 lks. W. of 1/4 sec. cor. bet. secs. 20 and 21,
which is a malpais stone 10 x 5 x 10 ins. above ground,
marked and witnessed as described by the Surveyor
General.

Return course N. 2° 21' W., 39.47 chs.

Thence South,

Retracing line bet. secs. 20 and 21.

40.43 Fall 40 lks. W. of cor. for secs. 20, 21, 28 and 29, here-
before described.

Return course N. 0° 34' W., 40.43 chs.

May 10, 1918.

BOUNDARIES OF CLAIM

May 11, 1918.

Beginning at Cor. No. 1 and Closing Corner on line bet.
secs. 19 and 29,

Deposit a lava stone 4 x 2 x 2 ins., marked with a +
14 ins. in the ground, over which set a lava stone
20 x 12 x 8 ins., chiseled + for the point and 1 H E S

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STATE OF ARIZONA

Chains 370 on East face; (No longer stone available) and raise a mound of stone 3 ft. base, 2 ft. high S. 40° W. of cor., whence:

A pine 14 ins. dia., bears N. 56° 31' W., 181 lks. dist. scribed 1 HES 370 + B.T.

A pine 30 ins. dia., bears S. 3° 18' W., 124 lks. dist., scribed 1 HES 370 + B.T.

Cor. secs. 19, 24, 25 and 29, heretofore described, bears S. 89° 27' W., 5.36 chs.

1/4 sec. cor. bet. secs. 20 and 29, bears N. 89° 27' E., 40.53 chs. dist.

(Theoretical point for cor. secs. 19 and 20 on N. bdy. sec. 29, T. 19 N., R. 7 E. heretofore recorded, bears S. 89° 27' W. 2.37 chs.)

Cor. H/1 of list 3-2785, a malpais stone 7 x 3 x 6 ins. above ground, marked and witnessed as described by the Forest Service, bears South 5 lks. dist. I destroy all trace of this list cor.

After careful and diligent search, I am unable to find any evidence of Cor. H/4 of list 3-2785.

Lat. 35° 00' 30" N., Long. 111° 41' 04" W., from Forest Service Grazing Atlas.

Mag. decl. at 10h. 00m. a.m., 14° 53' E. Mean mag. decl. 14° 52' E.

Thence N. 10° 19' E.

Along gentle E. slope. Road 15 lks. W. of line.

4.30 Cor. H/2 of list 3-2785, a malpais stone 12 x 5 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Forest Service telephone line bearing N. and S. passes over this point.

Fence bears S. along line and E.

After careful and diligent search I am unable to find any evidence of Cor. H/3 of the list 3-2785.

4.40 Road, bears E. and W.

7.70 West end of dam for stock tank.

9.75. To cor. No. 2.

Chains

Deposit a lava stone 4x2x1 ins. marked with a + 18 ins. in the ground, over which set a lava stone 28x12x4 ins. chiseled cross for the point and 2 HES 370 on SE. face; raise a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor., whence:

A pine 32 ins. dia., bears N. 32° 00' W.,

227 lks. dist., scribed 2 HES 370 + BT.

A pine 24 ins. dia., bears N. 63° 05' E.,

320 lks. dist., scribed 2 HES 370 + BT.

Thence N. 87° 42' E.

Desc. 5 ft. over gentle E. slope.

1.50 Wash 10 lks. wide, 1 ft. deep, course N.

Asc. 20 ft. over gentle NW. slope.

2.30 Fence cor., fences bear S. and E.

9.36 To Cor. No. 3.

Deposit a lava stone 6x6x2 ins., marked with a + 16 ins. in the ground, over which set a lava stone 26x10x6 ins. chiseled + for the point, 3 HES 370 on SW. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high SW. of cor., whence:

A pine 30 ins. dia., bears N. 47° 07' W.,

123 lks. dist., scribed 3 HES 370 + B T.

A pine 14 ins. dia., bears N. 31° 18' W.,

60 lks. dist., scribed 3 HES 370 + BT.

Cor. No. 7 of HES 371, a malpais stone 8x6x10

ins. above ground, mkd. + on top and 7 HES 371

on NW. face bears N. 1° 08' 19" W. 27.68 chs.

dist. by traverse which is attached at the end of these notes.

Thence S. 9° 34' E.

Along gentle W. slope.

17 Fence bears E. and W.

10.00 To Cor. No. 4 and Closing Corner on line bet. secs. 20

and 29. Deposit a lava stone 4x4x6 ins. marked

with a + 16 ins. in the ground, over which set a lava

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Chains stone 26 x 10 x 4 ins., chiseled + for the point, 4
 H E S 370 on W. face, and C C on N. side facing clos-
 ing line; and raise a mound of stone 2 ft. base, 1 1/2
 ft. high on line N. 9° 28' E. of cor., whence:
 A pine 34 ins. dia., bears S. 40° 51' E., 81 lks.
 dist., scribed 4 H E S 370 + B T.
 A pine 16 ins. dia., bears N. 28° 48' E., 38 lks.
 dist., scribed 4 H E S 370 + B T.
 Cor. No. 1, heretofore described, bears S. 89° 27'
 W., 12.75 chs. dist.
 Cor. secs. 19, 24, 25 and 29, heretofore described,
 bears S. 89° 27' W., 18.11 chs. dist.
 1/4 cor. bet. secs. 20 and 29, heretofore describ-
 ed, bears N. 89° 27' E., 27.78 chs. dist.

Thence S. 43° 42' W.
 Descend 10 ft. over gentle W. slope.
 3.00 Wire fence, bears E. and W.
 6.36 To Cor. No. 5.
 Deposit a lava stone 3 x 3 x 3 ins., marked with a +
 17 ins. in the ground, over which set a lava stone
 27 x 12 x 5 ins., chiseled + for the point and 5 H E S
 370 on W. face; and raise a mound of stone 2 ft. base,
 1 1/2 ft. high W. of cor., whence:
 A pine 20 ins. dia., blazed and scribed 5 H E S 370
 + B T, bears N. 35° 05' E., 131 lks. dist.
 A pine 20 ins. dia., blazed and scribed 5 H E S
 370 + B T, bears S. 82° 18' E., 57 lks. dist.
 Obsn. for Lat. impracticable. Clouds at noon.

Thence S. 3° 40' E.
 Asc. 10 ft. through scattering pine on gentle W. slope.
 43.70 Fence, bears N. and S.
 43.95 To cor. No. 6.
 Deposit a lava stone 4 x 2 x 2 ins., marked with a +

Chains 16 ins. in the ground, over which set a lava stone 26 x 10 x 10 ins. chiseled + for the point and 6 H E S 370 on NW. face; and raise a mound of stone 2 ft. base, 1 1/2 ft. high NW. of cor.; whence:

A pine 6 ins. dia., blazed and scribed 6 H E S 370 + B T, bears N. 28° 02' W., 86 lks. dist.

A pine 12 ins. dia., blazed and scribed 6 H E S 370 + B T, bears S. 58° 37' W., 56 lks. dist.

Fence cor., bears NW. 3 lks. dist.

Thence S. 89° 44' W.

Fence inside 3 lks. and parallel to line.

4.05 To Cor. No. 7 and Closing Corner on line bet. secs. 25 and 29. Deposit a lava stone 4 x 2 x 2 ins., marked with a + 14 ins. in the ground, over which set a lava stone 24 x 10 x 6 ins., chiseled + for the point, 7 H E S 370 on N. face, and C C on E. side facing closing line; and raise a mound of stone 2 ft. base, 1 1/2 ft. high on closing line E. of cor., whence:

A pine 24 ins. dia., bears S. 50° 52' E., 89 lks. dist., scribed 7 H E S 370 + B T.

A pine 30 ins. dia., bears S. 64° 16' W., 31 lks. dist., scribed 7 H E S 370 + B T.

Cor. H-6 of List 3-2785, a lava stone 7 x 3 x 4 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 89° 45' E., 47 lks. dist. I destroy all trace of this list cor.

Cor. secs. 25, 29, 32 and 36, heretofore described, bears S. 14° 28' E., 32.39 chs. dist.

1/4 cor. bet. secs. 25 and 29, heretofore described bears N. 14° 28' W., 8.75 chs. dist.

Thence S. 89° 44' W.

Desc. 5 ft. over gentle W. slope:

Fence inside 2 lks. and parallel to line.

TERO COCONINO NATIONAL FOREST

STATE OF ARIZONA.

Chains

8.50 Wash 5 lks. wide, 1 ft. deep, course N.

9.03 To Cor. No. 8.

Identical with Cor. H-7 of List 3-2785, a lava stone 8 x 6 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a lava stone 4 x 2 x 2 ins. marked with a + 16 ins. in the ground, over which set a lava stone 26 x 8 x 6 ins., chiseled + for the point and 8 H E S 370 on NE. face; and raise a mound of stone 2 ft. base, 1 1/2 ft. high NE. of cor., whence:

A pine 30 ins. dia., bears N. 23° 41' E., 80 lks. dist., scribed 8 H E S 370 + B. T.

A pine 14 ins. dia., bears N. 49° 02' W., 227 lks. dist., scribed 8 H E S 370 + B T.

Forest Service telephone line bearing N. 4° E., and S. 4° W., passes over this cor.

Fence cor. bears NE. 2 lks. dist.

Thence N. 1° 06' E.

Desc. 5 ft. over open flat and gentle E. slope.

Fence 2 lks. inside line and parallel thereto. Road from 10 to 50 lks. W. of line.

32.60 To Cor. No. 9 and Closing Corner on line bet. secs. 25 and 29. Deposit a lava stone 6 x 2 x 1 ins., marked with a + 15 ins. in the ground, over which set a lava stone 25 x 12 x 7 ins., chiseled + for the point,

9 H E S 370 on E. face and C C on S. side facing closing line; and raise a mound of stone 2 ft. base, 1 1/2 ft. high on closing line S. 1° 14' W. of cor., whence:

A pine 30 ins. dia., bears N. 20° W., 162 lks. dist., scribed 9 H E S 370 + B T.

A pine 14 ins. dia., bears S. 60° W., 114 lks.

dist., scribed 9 H E S 370 + B T.

Cor. secs. 19, 24, 25 and 29, heretofore described,

TRICOCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

bears N. 14° 28' W., 16.26 chs. dist.
1/4 cor. bet. secs. 25 and 29, heretofore described,
bears S. 14° 28' E., 24. 88 chs. dist.
Cor. No. 7, heretofore described, bears S. 14°
28' E., 33.63 chs. dist.

Note: After careful and diligent search, I am unable to
find any evidence of cor. H-5 of list 3-2785.

Thence N. 4° 42' E.

Desc. 5 ft. over gentle ENE. slope.

Fence 2 lks. E. of line and parallel thereto. Road 15
to 50 lks. W. of line.

15.83 To cor. No. 1 and place of beginning.

AREA

Area in Sec. 19	1.20 acres
Area in Sec. 20	9.55 acres
Area in Sec. 25	14.71 acres
Area in Sec. 29	<u>39.16</u> acres
Total Area	64.62 acres

IMPROVEMENTS

The improvements made upon this claim consist of the
following:

A frame house 36 x 24 ft., the long sides extending N.
and S., and the SE. cor. of which bears from Cor.
No. 4 N. 50° 16' W., 7.28 chs.

Value - - - - - \$500.00

A frame barn 36 x 24 ft., the long sides extending N.
and S., and the SE. cor. of which bears from Cor.
No. 4 N. 85° 15' W., 5.33 chs. dist.

Value - - - - - \$200.00

A spring dug to 4 ft. dia., 6 ft. deep, cribbed the en-
tire depth, the center of which bears from Cor. No.
4, S. 78° 45' W., 50 lks. dist.

Value - - - - - \$ 25.00

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains Approximately 2 miles of wire fence.

Value - - - - - \$400.00

An earth dam 6 ft. high by 20 ft. wide by 200 ft. long, course E. and W., the West end of which bears from Cor. No. 1 N. 10° 23' E., 7.70 chs. dist.

DESCRIPTION

This claim is situated in a long, narrow park which slopes gently to the North. The soil is a clayey loam and at the time of survey approximately 25 acres were under cultivation.

Water for domestic and stock purposes is obtained from the spring near Cor. No. 4.

A fringe of scattering pine timber along the E. bdy. was included in the survey.

I saw no indication of mineral on the ground.

CONFLICTS AND ADJOINING CLAIMS.

There are neither conflicts nor adjoining claims. The Homestead claim of Myron S. Loy, H. E. S. No. 371, lies approximately 1/2 mile North of this claim.

Flagstaff, Arizona, the nearest post office, railroad and market point, lies in a Northerly direction and is reached by 15 miles of good wagon road.

TRAVERSE

Sec. 19.

Cor.	Course	Dist.	N.	S.	E.	W.
Cor. 1 to pt. 19 and 20,	N. 89° 27' E.	2.37	.02		2.37	
Pt. 19 and 20 to X,	N. 2° 57' W.	9.59		9.58		.49
X to Cor. 2,	S. 87° 42' W.	.13				.13
Cor. 2 to Cor. 1,	S. 10° 19' W.	9.75		9.59		1.75
		21.84	9.60	9.59	2.37	2.37
Closing error	1:2184		9.59			.01

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HOMESTEAD ENTRY SURVEY NO. 570

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains	Sec. 20.	Course	Dist.	N.	S.	E.	W.
Cor.							
Pt. 19 and 20 to X,		N. 2° 57' W.	9.59	9.58			.49
X to 3		N. 87° 42' E.	9.23	.37		9.22	
3 to 4		S. 9° 34' E.	10.00		9.86	1.66	
4 to pt. 19 and 20		S. 89° 27' W.	10.38		.10		10.38
			39.20	9.95	9.96	10.88	10.87
					9.95	10.87	
					.01	.01	
Closing error 1:2772							
Sec. 29.							
1-4		N. 89° 27' E.	12.75	.12		12.75	
4-5		S. 43° 42' W.	6.36		4.60		4.39
5-6		S. 3° 40' E.	43.95		43.86	2.81	
6-7		S. 89° 44' W.	4.05		.02		4.05
7-9		N. 14° 28' W.	33.63	32.56			8.40
9-1		N. 4° 42' E.	15.83	15.78		1.30	
			116.57	48.46	48.48	16.86	16.84
					48.46	16.84	
					.02	.02	
Error in Lat. and Dep.							
Closing error 1:4121							
Sec. 25							
9-7		S. 14° 28' E.	33.63		32.56	8.40	
7-8		S. 89° 44' W.	9.03		.04		9.03
8-9		N. 1° 06' E.	32.60	32.59		.63	
			75.26	32.59	32.60	9.03	9.03
					32.59	9.03	
					.01	.00	
Error in Lat. and Dep.							
Closing error 1:7526							
Survey completed May 11, 1918.							

R. P. A. Johnson
Surveyor - Draftsman

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. 370, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
19 and Sec. 20/T. 19 N., R. 7 E.	N. 89° 27' E.	45.89	44		45 89				
	S. 89° 18' E.	40.26		49	40 26				
	N. 0° 34' W.	40.43	40 43			40			
	N. 2° 21' W.	39.47	39 44			1 62			
	N. 87° 26' W.	40.40	1 81			40 36			
	S. 89° 45' W.	40.16		18		40 16			
	S. 85° 53' W.	25.17		1 81		25 10			
	S. 15° 03' E.	41.17		39 76		10 69			
	S. 15° 18' E.	41.16		39 70		10 86			
		354.11	82 12	81 94	107 70	107 64	O.C.T.		
			81 94		107 64				
			18		06				
	Closing error	1:1864							

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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.

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TABLE AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 370, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	CLOSURE SEC. 25, T. 19 N., R. 6 E.								
	S. 14° 28' E.	82.28		79 67	20 55				
	N. 89° 27' W.	80.82	78			80 82			
	N. 15° 58' W.	40.39	38 83			11 11			
	N. 13° 08' W.	40.00	38 95			9 08			
	N. 89° 35' E.	80.12	58		80 12				
	Closing error 1:514	323.61	79 14	79 67	100 67	101 01			
				79 14		100 67			
				53		34			O.C.T.
	SEC. 29, T. 19 N., R. 7 E.								
	S. 14° 28' E.	82.28		79 67	20 55				
	N. 86° 14' E.	26.15	1 72		26 09				
	S. 85° 32' E.	40.47		3 15	40 35				
	N. 0° 53' W.	40.60	40 60			63			
	N. 0° 37' W.	40.46	40 46			44			
	N. 89° 18' W.	40.26	49			40 26			
	S. 89° 27' W.	45.89		44		45 89			
	Closing error 1:1319	316.11	83 27	83 26	86 99	87 22			
						86 99			
						23			O.C.T.

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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 370, STATE OF Arizona

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-4	N. 89° 27' E.	12.75	12		Sec. 29 12	75	15	1	84
4-5	S. 43° 42' W.	6.36		4	60		23		109 07
5-6	S. 3° 40' E.	43.95		43	86	81	22		969 96
6-7	S. 89° 44' W.	4.05		02			20		42
7-9	N. 14° 28' W.	33.63	32	56			8	273	91
9-1	N. 4° 42' E.	15.83	15	78	1	30	1	20	51
		116.57	48	46	16	85	296	26	1079 45
			47	47	85	85			296 26
									20 / 783 19
									39 16 Acres
9-7	S. 14° 28' E.	33.63		32	56		9		314 43
7-8	S. 89° 44' W.	9.03		04			9		36
8-9	N. 1° 06' E.	32.60	32	59		63	8	20	53
		75.26	32	59	9	03	20	53	314 79
									20 53
									20 / 294 26
									14 71 Acres
									O.C.T.

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DIRECTIONS.—1. Carry out calculations to two decimals only.
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TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 370, STATE OF Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Cor. 1-Pt. 19&20	N. 89° 27' E.	2.37	02		Section 19		2 37	05	
Pt. 19 & 20 to X	N. 2° 57' W.	9.59	9 58			49	4 25	40 72	
X to Cor. 2	S. 87° 42' W.	.13		60		13	3 63		
Cor. 2 to Cor. 1	S. 10° 19' W.	9.75	9 59			1 75	1 75	16 80	
		21.84	9 60	9 59	2 37	2 37		40 77	16 80
			9 59	60				16 80	
Closing error	1:2184		01					20/ 23 97	
					Section 20			1 20 Acres	F.P.T.
Pt. 19&20 to X	N. 2° 57' W.	9.59	9 58			49	49	4 69	
X to 3	N. 87° 42' E.	9.23	37				9 22	3 41	
3 to 4	S. 9° 34' E.	10.00		5			20 10		197 98
4 to Pt. 19&20	S. 89° 27' W.	10.38	9 95	10		9	11 37		1 14
		39.20	9 95	9 96	10 88	10 87		8 10	199 12
			9 95	9 95	10 87	8		8 10	8 10
Closing error	1:2772		01		01			20/191 02	
								9 55 Acres	F.P.T.

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May 9, 1919.

I, Roe N. Smith, hereby agree to the survey of my homestead number 370 as made on the eleventh day of May, 1918, by Forest Service Surveyor R. P. A. Johnson, and further agree that when notified that the survey has been approved and before attempting to make final proof on my entry I will apply for amendment of the same to conform with said survey.

The changes made by the surveyor are:

Boundaries of Claim as surveyed shown on attached sketch.

(SGD)

Mrs. J. I. Bushnell
Witness

(SGD)

Roe N. Smith
Claimant

Note: The sketch referred to above was a copy from the plat of H. E. S. No. 370.

FRANK C.W. POOLER, District Forester,
By *m. m. Cleary* Acting.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, May 29, 1919

The foregoing field notes of Homestead Entry Survey No.

870

executed by R. P. A. Johnson, Surveyor-Draftsman
[Forest Service Title.]
under his special instructions, dated June 13, 1916, 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.