

U. S. DEPARTMENT OF AGRICULTURE

FOREST SERVICE

MAY 7 - 1917

JUN 20 1917

JUN 11 1918

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 467

SITUATED IN THE TONTO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

In Section 20 , un surveyed, Township 10¹/₂N., Range 14 E.

In Section 21 , un surveyed, Township 10¹/₂N., Range 14 E.

(Sec. 21)

of the

Gila and Salt River Base and Meridian.

State of

Arizona.

Applicant for listing E. J. Nehrmeyer ✓
 Residence Young, Arizona
 Application No. 360 ✓ , dated August 5 , 19 12. ✓
 List No. 3-2263 ✓ , dated February 12 , 19 13. ✓

Applicant for survey Ed. J. Nehrmeyer ✓
 Residence Young, Arizona
 H. E. No. 023671 ✓ , dated November 3 , 19 13. ✓
 Office
 Land District Phoenix, Arizona.

Survey executed by R. P. A. Johnson, Surveyor-Draftsman.
[Forest Service Title.]
 Under special instructions dated April 19 , 19 16.
 Survey commenced May 9 , 19 16.
 Survey completed May 11 , 19 16.
 Under Acts of June 11, 1906 and March 4, 1915.

OATH OF ASSISTANTS

We hereby certify that we assisted R. P. Johnson
Surveyor Draftsman in surveying all those
 [Forest Service Title.]
 parts or portions of Homestead Entry Survey No. 467, 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.

Nelson F. Newman
 Chairman

Fernand Lewis
 Chairman

Subscribed and sworn to before me this twenty seventh day of
May, 1916.

R. P. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

I, R. P. Johnson, *Surveyor Draftsman*
 [Forest Service Title.]
 do solemnly swear that, in strict conformity with the special instruc-
 tions of the United States Surveyor General for Arizona, dated
April 19, 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

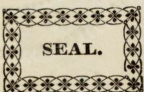
Lot patent, No. 3-2263, dated February 17, 1913, for
 , under the Act of June 11, 1906,
 the same to be known as Homestead Entry Survey No. 467,
 situated within the Sonto National Forest, in
unsurveyed Section 20, Township 10 1/2 N, Range 14 E, and
unsurveyed Section 21, Township 10 1/2 N, Range 14 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. Johnson
Surveyor Draftsman
 [Forest Service Title.]

Subscribed and sworn to before me this eight day of
December, 1916.

Elmer C. Myers
 Notary Public



Chains

Applicant for listing, E. J. Nehrmeyer; Application No. 360, dated August 15, 1912; List No. 3-2263, dated February 12, 1913; H. E. 023671 made in the Phoenix Land Office on November 3, 1913 by Ed. J. Nehrmeyer. Surveyed under special instructions from the Surveyor General for Arizona, dated April 19, 1916 and designated as Homestead Entry Survey No. 467.

Situated in what will probably be, when surveyed, T. 10-1/2 N., R. 14 E., Sections 20 and 21, Gila and Salt River Base and Meridian, Tonto National Forest, Arizona.

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

Survey commenced May 9, 1916, and executed with a Buff and Buff transit.

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 9, 1916 p.m. I observe Polaris for azimuth at Cor. No. 1 of this survey, hereinafter described. The reading on the reference object is set at zero and star is observed with telescope direct. My watch is set for local mean time. Latitude $34^{\circ} 17' 18''$ N., Longitude $110^{\circ} 54' 50''$ W., derived from special instructions from the Surveyor General. The horizontal angle East of Star is $80^{\circ} 18'$.

2.

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains	1.m.t. obsn. May 9, 1916	6h. 32.4m. p.m.
	1.m.t. U.C. Polaris May 9, 1916	10h. 21.2m. p.m.
	Long. corr.	8h. 11.2m.
		1.2m.
	Hour angle Polaris at obsn.	8h. 12.4m.
	Azimuth Polaris	1° 08' 50" W.
	Bearing of reference object	N. 79° 09' 10" E.

I again observe Polaris for azimuth at Cor. No. 1 of this survey, hereinafter described. The reading on the reference object is set at zero and star is observed with telescope reversed. The horizontal angle

East of Star is 80° 15' 30".

1.m.t. obsn. May 9, 1916 6h. 42.5m.p.m.

1.m.t. U.C. Polaris May 9, 1916 10h. 21.2m.p.m.

8h. 21.3m.

Long corr. 1.2m.

Hour angle 8h. 22.5m.

Azimuth of Polaris 1° 06' 30" W.

Bearing of reference object N. 79° 09' 00" E.

The mean of these is N. 79° 09' 05" E. and from the corresponding meridian all courses of this survey are deflected.

May 10, 1916. TIE

From Cor. No. 1, hereinafter described, I run N. 36° 37' W. on random line.

9.46 Fall 1 lk. to right of 1/4 sec. cor., on south line of Section 31, T. 11 N., R. 14 E., (formerly Black Mesa Forest Reserve boundary line) which is a sandstone 10 x 6 x 8 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence S. 36° 40' E.

On true line.

9.46 Cor. No. 1.

TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains

BOUNDARIES OF CLAIM.

Beginning at Cor. No. 1.

Identical with Cor. H-3 of the list survey, which is a sandstone 6 x 4 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit broken crockery 18 ins. in the ground, over which set a sandstone 28 x 20 x 4 ins. chiseled + for the point and 1-H E S 467 on S. face; and raise a mound of stone 3 ft. base, 2 ft. high S. of cor., whence:

A walnut 10 ins. dia. bears S. 74° 42' E.

46 lks. dist., scribed 1 H E S 467 + B T.

A yellow pine 8 ins. dia. bears S. 71° 10' W.

14 lks. dist., scribed 1 H E S 467 + B T.

Lat. 34° 17' 18" N., Long. 110° 54' 50" W., from special instructions from the Surveyor General.

Mag. Var. at 8:00 a.m. 14° 40' E.

Mean Mag. Var. 14° 37' E.

Thence S. 55° 39' E.

Across bottom in timber.

- .42 West bank Gordon Canyon Creek, 2 ft. high, course SW.
- 1.03 East bank Gordon Canyon Creek, 2 ft. high, course SW.
- 2.98 Cor. Bo. 2.

Identical with Cor. H-4 of the list survey, which is a sandstone 16 x 2 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 6 x 4 x 2 ins., marked with a + 14 ins. in the ground, over which set a sandstone 24 x 12 x 6 ins. chiseled + for the point and 2-H E S 467 on W. face; raise a mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

A walnut 24 ins. dia. bears N. 87° 28' W. 42

lks. dist., scribed 2 H E S 467 + B T.

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HOMESTEAD ENTRY SURVEY NO. 467

4.

TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains

A walnut 10 ins. dia. bears N. 24° 15' E. 50
lks. dist., scribed 2 H E S 467 + B T.

Thence S. 29° 13' W.

Ascend 10 ft. in timber to low point.

1.65 Top ridge bears NW. and SE. Descend 15 ft. to bottom.

2.50 Bend in Gordon Canyon Creek, bank 3 ft. high, course

SW. Ascend 15 ft. in brush and timber to cor.

17.80 Fence bears NW. and SE.

17.86 Cor. No. 3.

Identical with Cor. H-5 of the list survey, which is
a sandstone 12 x 3 x 6 ins. above ground, marked and
witnessed as described by the Forest Service. I des-
troy all trace of this list cor. Deposit a sandstone
8 x 6 x 2 ins., marked with a + 14 ins. in the ground,
over which set a sandstone 24 x 20 x 4 ins. chiseled
+ for the point and 3-H.E.S 467 on W. face; raise a
mound of stone 3 ft. base, 2 ft. high W. of cor., whence:

A walnut 14 ins. dia. bears S. 60° 55' W.

63 lks. dist., scribed 3 H E S 467 + B T.

A yellow pine 6 ins. dia. bears N. 60° 44' W.

32 lks. dist., scribed 3 H E S 467 + B T.

Thence S. 37° 48' E.

Ascend along SW. slope in timber 55 ft. to cor.

.40 Fence bears NW. and SE.

10.95 Cor. No. 4.

Identical with Cor. H-6 of the list survey, which is
a limestone 10 x 3 x 8 ins. above ground, marked
and witnessed as described by the Forest Service. I
destroy all trace of this list cor. Deposit a sand-
stone 5 x 4 x 4 ins., marked with a + 14 ins. in the
ground, over which set a sandstone 24 x 10 x 6 ins.
chiseled + for the point and 4 H E S 467 on W. face;

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STATE OF ARIZONA

Chains

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

An oak 6 ins. dia. bears N. 45° 51' W. 22 lks. dist., scribed 4 H E S 467 + B T.

A pine 6 ins. dia. bears N. 76° E. 17 lks. dist., scribed 4 H E S 467 + B T.

Thence S. 54° 15' W.

Descend 50 ft. in timber to ravine.

- 1.05 Fence cor. Fence bears N. and S. 57° W.
- 8.30 Ravine, course W. Ascend 30 ft. to spur in timber.
- 11.90 Top spur bears E. and W. Descend 30 ft. in timber to creek.
- 13.50 Road bears N. 70° W. and S. 70° E.
- 13.90 Creek 10 lks. wide, bank 2 ft. high, course N. 70° W. Ascend 75 ft. in timber to cor.
- 22.73 Cor. No. 5.

Identical with cor. H-7 of the list survey, which is a sandstone 12 x 6 x 45 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a sandstone 4 x 3 x 2 ins., marked with a + 24 ins. in the ground, over which set a sandstone 34 x 18 x 14 ins. chiseled + for the point and 5-H E S 467 on NW. face; raise a mound of stone 3 ft. base, 2 ft. high NW. of cor., whence:

A yellow pine 24 ins. dia. bears N. 18° 23' W. 12 lks. dist., scribed 5 H E S 467 + B T.

A yellow pine 30 ins. dia. bears S. 85° 41' E. 42 lks. dist., scribed 5 H E S 467 + B T.

Thence N. 79° 27' W.

Along N. slope in timber.

- 3.45 Begin 65 ft. desc. in timber to ravine.

Chains

7.70

Ravine, course N. Ascend 20 ft. along N. slope in timber.

12.00

Top ascent. Descend 30 ft. along N. slope to ravine.

16.90

Ravine, course N. Ascend 25 ft. along N. slope in timber to cor.

40.63

Cor. No. 6.

Identical with Cor. H-8 of the list survey, which is a limestone 6 x 2 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 4 x 3 x 1 ins., marked with a + 12 ins. in the ground, over which set a limestone 30 x 12 x 4 ins. chiseled + for the point and 6-H E S 467 on NE. face; raise a mound of stone 3 ft. base, 2 ft. high NE. of cor., whence:

A yellow pine 28 ins. dia. bears N. 68° 21' E.

65 lks. dist., scribed 6 H E S 467 + B T.

A yellow pine 26 ins. dia. bears S. 20° 00' E.

42 lks. dist., scribed 6 H E S 467 + B T.

Thence N. 10° 46' W.

Descend 50 ft. to creek in timber.

10.40

Fence bears WNW. and ESE. Leave timber into open.

11.30

Enter cultivated land, bears E. and W.

12.75

Cor. cultivated land bears S. and E.

13.20

Gordon Canyon Creek, 30 lks. wide, 2 ft. bank, course W. Ascend 5 ft. to cor.

13.45

Fence bears E. and W.

15.95

Cor. No. 7.

Identical with Cor. H-9 of the list survey, which is a limestone 12 x 3 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 3 x 3 x 3 ins., marked with a + 16 ins. in the ground, over

Chains

which set a limestone 36 x 12 x 5 ins., chiseled +
for the point and 7 - H E S 467 on SE. face; raise a
mound of stone 3 ft. base, 2 ft. high SE. of cor.,
whence:

A yellow pine, 10 ins. dia., bears N. 28° 07'

E., 11 lks. dist., scribed 7 H E S 467 + B T.

A yellow pine 10 ins. dia., bears S. 79° 28' E.,

71 lks. dist., scribed 7 H E S 467 + B T.

Cor. No. 5 H. E. S. 248, which is a sandstone

14 x 9 x 10 ins. above ground, marked + on

top and 5 H E S 248 on NW. face with mound

of stone 2 ft. base, 1-1/2 ft. high NW. of

cor., bears S. 86° 37' W., 18.16 chs. by

traverse which appears at the end of these

notes.

Cor. H-1 of the list survey, a sandstone

4 x 8 x 12 ins., set in mound of stone,

marked and witnessed as described by the

Forest Service, bears S. 75° E., 16.00 chs.

I destroy all trace of this list cor.

Note: Line 7-8 of this survey was run from Cor. H-9

to Cor. H-2 of the list survey, in order to simplify

the survey and eliminate unnecessary corners. The

entryman was present and was satisfied with the

survey as marked upon the ground.

May 10, 1916.

May 11, 1916.

Thence S. 70° 30' E.

Ascend 35 ft. along South slope in timber to cor.

35.85

Cor. No. 8.

Identical with Cor. H-2 of the list survey, which is

a limestone 8 x 4 x 5 ins. above ground, marked and

witnessed as described by the Forest Service. I

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TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains destroy all trace of this list cor. Deposit broken
 crockery 14 ins. in the ground, over which set a
 sandstone 24 x 16 x 8 ins., chiseled + for the point
 and 8 H E S 467 on S. face; raise a mound of stone
 4. ft. base, 3 ft. high S. of cor., whence:
 A walnut, 8 ins. dia., bears N. 44° 35' W., 28
 lks. dist., scribed 8 H E S 467 + B T.
 A walnut 14 ins. dia., bears N. 14° 21' E., 28
 lks. dist., scribed 8 H E S 467 + B T.
 Thence N. 43° 56' E.
 Descend SE. slope 15 ft. in timber to ravine.
 20 Road, bears NW. and SE.
 7.50 Ravine, course SE. Ascend 15 ft. over SE. slope.
 12.50 Top ascent. Descend 20 ft. to ravine.
 16.70 Ravine, course SE. Ascend 15 ft. along SW. slope to cor.
 39.01 Cor. No. 1, the place of beginning.

AREA

Total Area - - - - - 89.71 Acres.

IMPROVEMENTS

The improvements made upon and for the benefit of this
 homestead and belonging to the claimant consist of

the following:

A log dwelling 20 x 16 ft., the long side of which
 bears E. and W., and NE. cor. of which bears S. 34°
 50' W., 2.11 chs. dist. from cor. No. 8.

Value - - - - - \$200.00

A log barn and stable 40 x 30 ft., the long side of
 which bears E. and W. and SE. cor. of which bears
 S. 35° 42' W., 4.20 chs. dist. from Cor. No. 8.

Value - - - - - \$200.00

A shake pig shelter 20 x 10 ft., the long side of which
 bears E. and W., and NW. cor. of which bears S. 18°
 04' E., 1.37 chs. dist. from Cor. No. 8.

Value - - - - - \$ 25.00

Chains

There are approximately 2 miles of wire and log fencing.

Value - - - - - \$200.00

There are approximately 25 acres in cultivation.

DESCRIPTION

This claim is situated on Gordon Canyon Creek which runs Westerly into Tonto Creek and lies at an elevation of approximately 6800 ft.

The boundary lines of claim lie on slopes of low timber ridges which surround claim on all sides.

The soil in bottom land is a clay loam of good depth and fertile, and at time of survey was producing good crops. The hillsides vary from steep rock, non-tillable with shallow soil, to gently sloping with fair soil.

Timber is a mixed stand of yellow pine, oak and walnut and extends from 3 to 5 chs. within the claim around the entire boundary.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

H. E. S. No. 248 of Jack Payne is 1/4 mile to W.

Gordon, Arizona, postoffice is approximately one mile West.

Winslow, Arizona, the nearest railroad and commercial center is 75 miles in a northerly direction and is reached by poor wagon road.

I saw no indication of mineral upon this claim.

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TONTON NATIONAL FOREST

STATE OF ARIZONA

Chains	TRAVERSE				Chains			
Cor.	Course	Dist.	N.	S.	E.	W.		
1-2	S.55° 39' E.	2.98		1.68	2.46			
2-3	S.29° 13' W.	17.86		15.59		8.72		
3-4	S.37° 48' E.	10.95		8.65	6.71			
4-5	S.54° 15' W.	22.73		13.28		18.45		
5-6	N.79° 27' W.	40.63	7.44			39.94		
6-7	N.10° 46' W.	15.95	15.67			2.98		
7-8	S.70° 30' E.	35.85		11.97	33.79			
8-1	N.43° 56' E.	39.01	28.09		27.07			
			185.96	51.20	51.17	70.03	70.09	
				51.17			70.03	
Error in Lat. and Dep.				.03			.06	

Closing Error 1:2772.

Survey completed May 11, 1916.

R. L. Johnson

Surveyor - Draftsman

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.
 H. E. No. 248 of Jack Payne is 1/4 mile to W.
 Gordon, Arizona, postoffice is approximately one mile
 West.
 Winslow, Arizona, the nearest railroad and commercial
 center is 7 1/2 miles in a northerly direction and is
 reached by poor wagon road.
 I saw no indication of mineral upon this claim.

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. 467, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 55° 39' E.	2.98		1 68	2 46		124 22	208 69	
2-3	S. 29° 13' W.	17.86		15 59	8 72		117 97	1839 15	
3-4	S. 37° 48' E.	10.95		8 65	6 71		115 97	1003 14	
4-5	S. 54° 15' W.	22.73		13 28			104 24	1384 31	
5-6	N. 79° 27' W.	40.63	7 44				45 87		
6-7	N. 10° 46' W.	15.95	15 67				2 97	340 81	
7-8	S. 70° 30' E.	35.85	0 8	11 97	33 79	80	33 80	404 92	
8-1	N. 43° 56' E.	39.01	28 09		27 07		94 68		
		185.96	51 20	51 17	70 03	70 09		4840 21	
			51 18	51 18	70 03	70 05		5045 96	
								1794 25	
								89 71 Acres.	
		Traverse Cor. No. 7 H. E. S. 467 to cor. No. 5 H. E. S. 248.							
		N. 89° 16' W.	0 09			6 26			
		N. 89° 06' W.	0 06			3 65			
		S. 80° 48' W.		1 22		7 52			
			0 15	1 22	0 00	18 13			
				0 15		0 00			
				1 07		18 13			
		Resultant course S. 86° 37' W., 18.16 chs.							

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EMH

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona JUL 10 1917 , 191

The foregoing field notes of Homestead Entry Survey No.

467

executed by *R. P. A. Johnson, Surveyor-Draftsman* [Forest Service Title.]
under his special instructions, dated *April 19*, 1916, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Frank P. 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 P. TROTT

U. S. Surveyor General.