

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

AUG. 2-1917

**FIELD NOTES**

MAR. 28. 1918

OF

HOMESTEAD ENTRY SURVEY NO. 482

SITUATED IN THE **APACHE** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section **35** , **unsurveyed**, Township **4 $\frac{1}{2}$  N.**, Range **29 E.**

of the

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

State of

**ARIZONA**

Applicant for listing **Martin Sulzberger,** ✓

Residence **Alpine, Arizona.**

Application No. **257** ✓ , dated **January 17** , 1913 ✓

List No. **3-2311** ✓ , dated **February 21** , 1913 ✓

Applicant for survey **Martin Sulzberger,**

Residence **Alpine, Arizona**

H. E. No. **023630** ✓ , dated **October 27** , 1913 ✓

**Office**  
Land ~~District~~ **Phoenix, Arizona**

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

Under special instructions dated **June 21** , 1916 ✓

Survey commenced **September 8** , 1916

Survey completed **September 9** , 1916

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



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OATH OF ASSISTANTS

We hereby certify that we assisted P. P. A. Johnson in surveying all those parts or portions of Homestead Entry Survey No. 482, 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 Assistants; hence, they were taken by the Surveyor.

Chester A. Lee, Chairman  
Howard B. Bicketts, Chairman

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

P. P. A. Johnson  
Surveyor Draftsman

OATH OF SURVEYOR

I, P. P. A. Johnson, Surveyor Draftsman do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated June 21, 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, No. 3-2311, dated February 27, 1913, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 482, situated within the Wprache National Forest, in unsurveyed Section 35, Township 4 1/2 N, Range 29 E, and surveyed Section -----, Township -----, Range -----,

of the Gila and Salt River 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.

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

Subscribed and sworn to before me this twelfth day of April, 1917.

Ethel M. Gutchall  
Notary Public



My Commission expires Mar. 17 1921



## APACHE NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, Martin Sulzberger; Application No. 257, dated January 17, 1913; List No. 3-2311, dated February 21, 1913; H. E. 023630, made in the Phoenix Land Office on October 27, 1913 by Martin Sulzberger. Surveyed under special instructions from the Surveyor General for Arizona; dated June 21, 1916 and designated as Homestead Entry Survey No. 482. Situated in what will probably be, when surveyed, Sec. 35, T. 4-1/2 N., R. 29 E., Gila and Salt River Base and Meridian, Apache National Forest, Arizona. Surveyed under the Acts of June 11, 1906 and August 11, 1916.

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Survey commenced September 8, 1916 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.

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September 9, 1916.

At 8h. 18.4m. p.m., l.m.t., I observe Polaris for azimuth at Eastern Elongation at cor. No. 9 of this survey, hereinafter described, with telescope direct and reversed. The reading on the reference object is set at zero. The mean horizontal angle West of star is  $1^{\circ} 16'$  and the azimuth of Polaris at Elongation is  $1^{\circ} 22' 07''$  E. Therefore reference object bears N.  $0^{\circ} 06' 07''$  E.

Lat.  $33^{\circ} 43' 31''$  N., Long.  $109^{\circ} 19' 18''$  W., from special



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Chains

instructions from the Surveyor General, and later verified.

September 10, 1916.

At 8h. 14.5m. p.m., l.m.t., I again observe Polaris for azimuth at Eastern Elongation at same station with telescope direct and reversed. The reading on the reference object is set at zero. The mean horizontal angle West of star is  $1^{\circ} 16' 30''$  and the azimuth of Polaris at elongation is  $1^{\circ} 22' 07''$ . Therefore, reference object bears N.  $0^{\circ} 05' 37''$  E.

The mean of these two observations is N.  $0^{\circ} 05' 52''$  E. and to the corresponding meridian all the courses of this survey are referred.

BOUNDARIES OF CLAIM

September 8, 1916.

TRACT A.

Beginning at cor. No. 1.

Also cor. No. 2 of H. E. S. 481.

Identical with cor. H-4 of List 3-2311 and cor. H-1 of List 3-3011, which is a lava stone 8 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. De-

posit a lava stone 7 x 2 x 3 ins., 14 ins. in the ground, marked with a +, over which set a lava stone 24 x 8 x 8 ins., chiseled + for the point, 2 - H E S 481 on SW. face and 1 - H E S 482 on SE. face; and raise a mound of stone 3 ft. base, 2 ft. high W. of cor.,

whence:

A yellow pine, 8 ins. dia., bears N.  $69^{\circ} 02' E.$ , 213 lks. dist., scribed 1 H E S 482 + B T.

A yellow pine, 12 ins. dia., bears N.  $37^{\circ} 15' E.$ , 181 lks. dist., scribed 1 H E S 482 + B T.

*Why not SE of cor.?  
Because it is on  
HES 481*



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Chains	<p>A yellow pine, 14 ins. dia., bears N. 17° 49' W., 156 lks. dist., scribed 2 H E S 481 + BT.</p> <p>A yellow pine, 10 ins. dia., bears S. 70° 10' W., 151 lks. dist., scribed 2 H E S 481 + B T.</p>
	<p>1/4 sec. cor. bet. secs. 13 and 18, T. 4 N., Rs. 28 and 29 E., which is a lava stone 16 x 8 x 22 ins. in mound of stone, marked 1/4 on W. face, bears N. 85° 14' 16" W., 106.84 chs. dist., by traverse which appears at the end of these notes.</p>
	<p>Lat. 33° 44' 13" N., Long. 109° 19' 48" W., from special instructions from the Surveyor General, and later verified. Mag. decl. at 8 a.m. 13° 40' E. Mean mag. decl., 13° 37' E.</p>
	<p>Thence S. 70° 40' E. Descend gradual slope in open 15 ft. to cor.</p>
17.50	Enter cultivated land, bears E. and W.
23.12	<p>To cor. No. 2.</p> <p>Deposit a lava stone 4 x 4 x 1 ins. marked with a +, 16 ins. in the ground, over which set a lava stone 26 x 14 x 8 ins., chiseled + for the point and 2 - H E S 482 on W. face; and raise a mound of stone 4 ft. base, 2 ft. high around cor. to protect it. (Point for cor. falls in oat field).</p> <p>No witnesses available. Pits impracticable.</p>
	<p>Thence S. 84° 28' W.</p>
	<p>Along N. line of road exception, through oat field.</p>
20.28	<p>To cor. No. 3.</p> <p>On line 2-3 of H. E. S. 481.</p> <p>Deposit a lava stone 7 x 5 x 3 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 14 x 10 ins. chiseled + for the point and 3 - H E S 482 on NE. face. No witnesses available, therefore dig</p>



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Chains pits 24 x 24 x 12 ins. crosswise on claim lines 8 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist. NE. of cor.

Thence N. 9° 32' W.

Along line 3-2 of H. E. S. 481. Ascend 20 ft. in open to cor. Along fence and edges of cultivated land.

7.18 Leave edge of cultivated land, bears SE. and along line.

9.75 To cor. No. 1, the place of beginning.

TRACT B.

Beginning at cor. No. 4.

On line 2-3 of H. E. S. 481.

Deposit a lava stone 5 x 5 x 4 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 10 x 8 ins., chiseled + for the point and 4 - H E S 482 on SE. face. No witnesses available, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines 7 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, 3-1/2 ft. dist. SE. of cor., whence:

Cor. No. 3, heretofore described, bears N. 9° 32' W., 50 lks. dist.

Cor. No. 3 H. E. S. 481, hereinafter described, bears S. 9° 32' E., 9.95 chs. dist.

Thence N. 84° 28' E.

Along South side of road exception, through oat field.

21.34 To cor. No. 5.

Deposit a lava stone 3 x 3 x 2 ins. marked with a +, 16 ins. in the ground, over which set a lava stone 26 x 10 x 8 ins., chiseled + for the point and 5 - H E S 482 on S. face; and raise a mound of stone 4 ft. base, 2 ft. high around cor., whence:

Cor. No. 2, heretofore described, bears

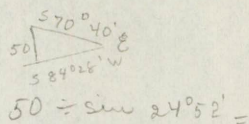


HOMESTEAD ENTRY SURVEY NO. 482

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.5.

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Chains

N. 70° 40' W., 119 lks. dist.

No witnesses available. Pits impracticable.

Thence S. 70° 40' E.

Over level land, through oat field.

5.09 Leave oat field; bears NW. and SE.

9.57 Enter cultivated land, bears NNE. and SSW.

10.60 Leave cultivated land, bears NW. and SE.

12.85 Arroyo, 15 lks. wide, 2 ft. deep, course W. Ascend 20 ft. to spur in open.

20.70 Top of spur, bears NNE. and SSW. Descend 10 ft. in open to Creek.

26.82 Fence cor., fence bears NE. and along line.

27.35 Creek, running water 1 lk. wide, 1 in. deep, course SE. Ascend 15 ft. to ridge.

27.75 Fence cor., fence bears SSW. Leave fence.

29.18 Telephone line bears NE. and SW.

31.00 Road bears NNE. and SSW.

32.00 Ridge, bears NNE. and SSW. Descend 10 ft. in open to cor.

37.52 To cor. No. 6.

Identical with cor. H-3 of the list survey, which is a lava stone 16 x 8 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Point for cor. falls on a lava stone 4 x 2 x 1 ft. above ground. I mark a + for the point and 6 - H E S 482 on SW. face; and raise a mound of stone 3 ft. base, 2 ft. high SW. of cor., whence:

A + on a lava stone 3 x 2 x 1 ft. above ground, bears S. 87° 55' W., 13 lks. dist., chiseled

B R 6 H E S 482.

A + on a lava stone 4 x 2 x 2 ft. above ground, bears N. 14° E., 18 lks. dist., chiseled



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B R. 6 H. E. S. 482.

September 8, 1916.

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September 9, 1916.

Thence S. 24° 22' W.

Descend 10 ft. in open to creek.

7.69 North bank Beaver Creek, 5 ft. high.

7.80 Beaver Creek, running water 1 ft. deep, 20 lks. wide,

course W. Thence over open level land.

9.09 South bank Beaver Creek, 5 ft. high.

12.10 Road bears E. and W.

12.40 Road bears NE. and SW.

15.88 Fence bears NW. and SE.

18.45 Arroyo, 20 lks. wide, 3 ft. deep, course NW.

19.98 To cor. No. 7.

Also cor. No. 4 H. E. S. 483.

Identical with cor. H-2 of List 3-2311 and cor. H-5 of List 3-3066, which is a lava stone 14 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a lava stone 5 x 5 x 3 ins. marked with a +, 16 ins. in the ground, over which set a lava stone 26 x 12 x 9 ins. chiseled + for the point, 7 - H E S 482 on N. face and 4 - H E S 483 on S. face. No witnesses available, therefore dig pits 24 x 24 x 12 ins. crosswise on claim lines N. 24° 22' E. and N. 70° 54' W., 7 ft. dist. and S. 55° 23' E., 3 ft. dist.; and raise a mound of earth and rock 5 ft. base, 2-1/2 ft. high, 3 ft. dist. N. of cor.

Thence N. 70° 54' W.

Along line 4-3 of H. E. S. 483. Over open level land.

7.00 Fence bears NNE. and SSW.

10.00 To cor. No. 8.



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Also cor. No. 3 H. E. S. 483.

Identical with cor. H-1 of List 3-2311 and cor. H-6 of List 3-3066, which is a lava stone 14 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a lava stone 3 x 2 x 2 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 12 x 8 ins., chiseled + for the point, 8 - H E S 482 on NW. face and 3 - H E S 483 on SE. face. No witnesses available, therefore dig pits 24 x 24 x 12 ins. cross-wise on claim lines 3 ft. dist.; and raise a mound of earth and rock 4 ft. base, 3 ft. high NW. of cor.

Thence S. 7° 30' W.

Along line 3-2 of H. E. S. 483. Ascend 10 ft. in open to cor.

18.94 To cor. No. 9.

Also cor. No. 5 of H. E. S. 480 and cor. No. 2 of H. E. S. 483.

Identical with cor. H-6 of List 3-2311, cor. H-1 of List 3-3036 and cor. H-3 of List 3-2904, which is a lava stone 8 x 4 x 6 ins. above ground, marked and

witnessed as described by the Forest Service. I de-

stroy all trace of this list cor. Deposit a lava stone 6 x 5 x 5 ins. marked with a +, 14 ins. in the

ground, over which set a lava stone 24 x 24 x 10 ins.,

chiseled + for the point, 9 - H E S 482 on N. face,

2 - H E S 483 on E. face and 5 - H E S 480 on WSW.

face. No witnesses available, therefore dig pits

24 x 24 x 12 ins. N. 55° 30' W., S. 23° 05' W., 7 ft.

dist. and N. 7° 30' E., 3 ft. dist.; and raise a mound

of earth and rock 5 ft. base, 3 ft. high SW. of cor.

Thence N. 55° 30' W.



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Chains	Along line 5-4 of H. E. S. 480. . . In open, over level land. Fence on line.
5.20	Cor. cultivated land. Cultivation bears NNE. and along line.
14.11	To cor. No. 4, H. E. S. 480, which is a lava stone 16 x 5 x 10 ins. above ground, marked 4 - H E S 480 on S. face, with pits 24 x 24 x 12 ins., S. 55° 30' E. and S. 28° 25' W., 8 ft. dist.; and mound of earth 4 ft. base, 2 ft. high S. of cor. - 3 lbs east . . . Fence bears SSW. and along line.
15.00	Horton Creek, 10 lks. wide, banks 3 ft. high, running water 3 lks. wide, 3 ins. deep, course NNE. Ascend 10 ft. in open to ridge.
17.40	Road bears N. and S.
29.00	Ridge bears NE. and SW. . . Descend 10 ft. in open to cor.
39.91	To cor. No. 10. Identical with cor. H-5 of the list survey, which is a lava stone 8 x 6 x 6 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 3 x 2 ins. marked with a +, 14 ins. in the ground, over which set a lava stone 24 x 12 x 7 ins., chiseled + for the point and 10 - H E S 482 on NE. face; and raise a mound of stone 3 ft. base, 2 ft. high NE. of cor., whence: A yellow pine, 20 ins. dia., bears S. 39° 41' E., 138 lks. dist., scribed 10 H E S 482 + B T. A yellow pine, 20 ins. dia., bears S. 35° 08' W., 182 lks. dist., scribed 10 H E S 482 + B T.
	Thence N. 9° 32' W. . . . . Descend 20 ft. in open to creek. Fence on line.
4.95	Arroyo, 10 lks. wide, 1 ft. deep, course NE.
11.87	Cor. No. 3 of H. E. S. 481, which is a lava stone 14 x 9



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Chains x 10 ins. above ground, marked + on top and 3 - H E S  
 .481 on NW. face. Thence along line 3-2 of H. E. S.  
 481.  
 13.51 Fence cor., fence bears WNW. and along line.  
 13.72 Road bears ESE. and WNW.  
 15.47 South bank Beaver Creek, 6 ft. high.  
 15.67 Beaver Creek, running water 15 lks. wide, 1 ft. deep,  
 course WNW.  
 15.72 North bank Beaver Creek, 6 ft. high.  
 15.77 Enter cultivated land, bears WNW. and along line.  
 21.82 To cor. No. 4, the place of beginning.

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AREA

Area of TRACT A	9.87 acres
Area of TRACT B	149.29 acres
Total Area	159.16 acres

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IMPROVEMENTS

The improvements made upon this claim and belonging to  
 the claimant, consist of the following:  
 A log cabin, 18 x 12 ft., the long side of which bears  
 E. and W. and the chimney of which bears N. 25° 00' W.,  
 23.40 chs. dist. from cor. No. 9.

Value ----- \$100.00

A log barn, 32 x 18 ft., the long side of which bears N.  
 and S. and the NW. cor. of which bears S. 39° 35' E.,  
 50.20 chs. dist. from cor. No. 1.

Value ----- \$200.00

There are approximately 2 miles of wire fence.

Value ----- \$250.00

DESCRIPTION

This claim lies along Beaver Creek at an elevation of  
 approximately 7600 ft. The general slope is to the



Chains - West. The land is bottom land, with low ridges extending 5 to 8 chs. over N. and S. boundaries. There is no timber or cover on the claim. The soil in the bottom land is a clayey loam of good depth and supports good crops. The soil on the ridges is gravelly, shallow and of doubtful agricultural value. Beaver Creek furnishes sufficient water for irrigation and domestic use. There are approximately 45 acres in cultivation. I saw no indications of mineral upon the claim.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. H. E. S. No. 480 of Elva Shoop joins this claim on the South; H. E. S. No. 483 of Umpstead Wiltbank joins on the SE. and H. E. S. 481 of Hiram Thompson on the West. Alpine, Arizona, the nearest post office, is 20 miles dist. by poor road. Springerville, Arizona, the nearest commercial center, is 50 miles dist. and Holbrook, Arizona, the nearest railroad point, is 150 miles dist.

TRAVERSES

TRACT A.

Cor.	Course	Dist.	N	S	E	W
1-2	S. 70° 40' E.	23.12			7.65	21.82
2-3	S. 84° 28' W.	20.28			1.96	20.19
3-1	N. 9° 32' W.	9.75			9.62	1.61
		53.15			9.62	21.82
					9.61	21.80
	Error in Lat. and Dep.				.01	.02
	Closing error, 1:2377.					



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STATE OF ARIZONA

Chains

TRACT B.

Cor.	Course	Dist.	N	S	E	W	
4-5	N. 84° 28' E.	21.34	2.06 ✓		21.24 ✓		
5-6	S. 70° 40' E.	37.52		12.42 ✓	35.40 ✓		
6-7	S. 24° 22' W.	19.98		18.20 ✓		8.24 ✓	
7-8	N. 70° 54' W.	10.00	3.27 ✓			9.45 ✓	
8-9	S. 7° 30' W.	18.94		18.78 ✓		2.47 ✓	
9-10	N. 55° 30' W.	39.91	22.61 ✓			32.89 ✓	
10-4	N. 9° 32' W.	21.82	21.52 ✓			3.61 ✓	
		169.51	49.46 ✓	49.40 ✓	56.64	56.66 ✓	
			49.40			56.64	
Error in Lat. and Dep.			.06 ✓			.02 ✓	

Closing error, 1:2680 ✓

Survey completed September 9, 1916.

*R. P. Johnson*

Surveyor - Draftsman



NATIONAL FOREST

STATE OF

Chains

W	E	S	H	D. ST.	Course	Chains
	21.24		2.00	21.24	N. 84° 28' E.	4-6
	22.40	12.42		27.62	S. 70° 40' E.	5-6
22.8		18.20		19.98	S. 24° 22' W.	6-7
24.42			2.27	10.00	N. 70° 24' W.	7-8
24.7		18.78		18.24	S. 7° 30' W.	8-9
22.82			21.21	22.21	N. 52° 30' W.	9-10
22.81			21.22	21.22	N. 9° 32' W.	10-4
22.82	22.84	20.40	22.22	122.21		
22.84			22.20			
22.82			22.20			

Survey completed September 2, 1916.  
 Closing error, 1:2680  
 Error in lat. and Dep.

*[Signature]*  
 Surveyor - District



DIRECTIONS.—1. Carry out calculations to two decimals only.  
 2. In balancing Latitudes and Departures do not obliterate or change the original figures. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.  
 3. In calculations for balancing fallings should be proportional to the lengths of the lines.  
 4. 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.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 482, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
TRACT A. 1-2	S. 70° 40' E.	23.12		7 65 <sup>6</sup>	21 82 <sup>1</sup>	21 81		167 06	
2-3	S. 84° 28' W.	20.28		1 96		23 42		45 90	
3-1	N. 9° 32' W.	9.75	9 62			1 61	15 49		
		53.15	9 62	9 61	21 82		15 49	212 96	
			9 62	9 62	21 81			15 49	
TRACT B. 4-5	N. 84° 28' E.	21.34	2 06 <sup>5</sup>		21 24	21 24		9 87 Acres.	
5-6	S. 70° 40' E.	37.52		12 42 <sup>3</sup>	35 40 <sup>1</sup>	77 89	43 54	968 17	
6-7	S. 24° 22' W.	19.98		18 20 <sup>1</sup>		105 06		1913 14	
7-8	N. 70° 54' W.	10.00	3 27			87 37	285 70		
8-9	S. 7° 30' W.	18.94		18 78		75 45		1417 71	
9-10	N. 55° 30' W.	39.91	22 61 <sup>0</sup>			40 10	906 26		
10-1	N. 9° 32' W.	21.82	21 52 <sup>1</sup>			3 61	77 65		
		169.51	49 46	49 40	56 64		1313 15	4299 02	
			49 43	49 43	56 65 <sup>5</sup>			1313 15	
								2985 87	
								149 29 Acres.	

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EMH



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. 482, STATE OF Arizona.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
		Tie from cor.	No. 1 to 1/4 sec.	cor. bet. secs. 13 and 18.					
	S. 9° 32' E.	32.07	31 63	5 31					
	S. 55° 30' E.	25.81	14 62	21 27					
	S. 28° 25' W.	27.85	24 49	13 25					
	N. 57° 22' W.	35.51	19 15	29 90					
	S. 14° 40' W.	17.00	16 45	4 30		log.	106.47	2.027228	
	S. 87° 50' W.	86.06	3 25	86 00		log.	8.87	10.947924	
	N. 0° 17' E.	80.16	80 16	0 40		log. tan.	85°14'16"	11.079304	
			99 31	26 98					
			90 44	133 45					
			8 87	26 98					
				106 47		log.	106.47	2.027228	
						log. sin.	85°14'16"	9.998498	
							106.84	2.028730	

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, June 29, 1918

The foregoing field notes of Homestead Entry Survey No.

482

executed by *R. P. A. Johnson, Surveyor-Draftsman*  
[Forest Service Title.]  
under his special instructions, dated *June 21*, 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  
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U. S. Surveyor General.