

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

MAY 14 1915
MAY 26 1916

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 167.

SITUATED IN THE

CROOK NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3.

in

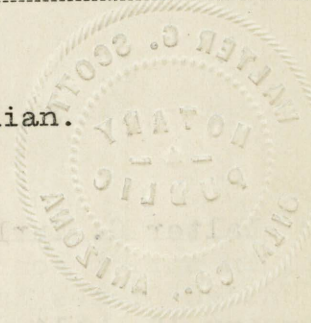
Section 8, --surveyed, Township 2 S., Range 12 E.

Section 9, --surveyed, Township 2 S., Range 12 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA



Survey executed by Walter G. Turley, Surveyor-Forest Service
Under special instructions dated February 12, 1914
Survey commenced March 4, 1914
Survey completed March 4, 1914
Under Acts of June 11, 1906 and March 4, 1913.

Applicant for listing J. W. McGrew
Residence Superior, Arizona.
Application No. 162 dated September 24, 1910
Application No. 225, dated October 3, 1912
List No. 3-1173 dated February 23, 1911
List No. 3-2259, dated February 12, 1913

Applicant for survey J. W. McGrew
Residence Superior, Arizona
H. E. No. 016531 dated January 25, 1912
H. E. No. 023414, dated September 23, 1913.
Land district Phoenix, Arizona

102

OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley,
Surveyor-Forest Service in surveying all those
parts or portions of Homestead Entry Survey No. 167, in
--surveyed Section 8, Township 2 S., Range 12 E.,
--surveyed Section 9, Township 2 S., Range 12 E.,

of the G. & S.R.B. & meridian, State of Arizona, which
are represented in the following field notes as having been
surveyed by him and under his direction; and that said sur-
vey 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 fur-
nished by the United States Surveyor General for Arizona.

Jay Turley Chairman
R. S. Johnson Chairman
Robert E. Lee Jr Flagman

Subscribed and sworn to before me this 10th day of
March, 1914.

Walter G. Scott
Notary Public

My commission expires July 1, 1917

OATH OF SURVEYOR
Service

I, Walter G. Turley, Surveyor-Forest, do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
February 12, 1914, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, sur-
veyed a tract of land ~~upon the application of~~ embraced in
List No. 3-1173 & No. 3-2259 dated Feb. 23, 1911 and Feb. 12,
1913, for Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 167,
situated within the CROOK National Forest, in
--surveyed Section 8, Township 2 S., Range 12 E., and
--surveyed Section 9, Township 2 S., Range 12 E.,

of the G. & S.R.B. & 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 perpet-
uated in strict accordance with the stated special instruc-
tions, and in the specific manner described in the field
notes, and that the following are the original field notes
of such survey.

Walter G. Turley
Surveyor-Forest Service.

Subscribed and sworn to before me this 10th day of
March, 1914.

Walter G. Scott
Notary Public



My commission expires July 1, 1917

CROOK NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant for listing, J. W. McGrew; Applications No. 162 and 225, dated September 24, 1910 and October 3, 1912; Lists No. 3-1173 and 3-2259, dated February 23, 1911 and February 12, 1913; H. E. Nos. 016531 and 023414, made by J. W. McGrew at Phoenix, Arizona, January 25, 1912 and September 23, 1913.

Surveyed under special instructions from the Surveyor General for Arizona, dated February 12, 1914, and designated as Homestead Entry Survey No. 167.

Situated in Secs. 8 and 9, T. 2 S., R. 12 E., Gila and Salt River Base and Meridian, within the Crook National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4, 1913.

Survey commenced March 4, 1914, and executed with a W. and L. E. Gurley light mountain transit with vertical circle and Burt solar attachment. I test the adjustments of the transit and make necessary corrections. The stadia is adjusted to read 1:132.

All distances are horizontal and were reduced from measurements made on the slope with a 400 link steel tape and a Philadelphia stadia rod, and the slope angles determined with a clinometer.

March 4, 1914.

At 2h. 35m. 43s., p.m., l.m.t., I observe the altitude of the sun for azimuth at cor. of Secs. 4, 5, 8 and 9 T. 2 S., R. 12 E., which is a granite stone 8 x 6 x 6 ins. above ground, marked and witnessed as described by the Surveyor General. The reading on the reference object was set at zero and the sun was observed in the upper left and lower right quadrants of the field. My watch is set for local mean time. Latitude $33^{\circ} 16' 20''$ Longitude $110^{\circ} 07' 44''$, by account from special in-

Chains

structions of the Surveyor General.

Telescope Horizontal Angle Vertical Angle

Direct 47° 35' 37° 37' 30"

Reversed 47° 06' 37° 52' 00"

Bearing of object S. 0° 04' 43" W. and from the corresponding meridian all courses of this survey were deflected. I check this meridian as follows:

At 8h. 36.5 m., p.m., l.m.t., on the same date, I observe Polaris at western elongation; and turn off the azimuth 1° 22' 18" to the East and my line of sight coincides with the meridian as established by observing the sun in altitude for azimuth. Therefore I conclude that my transit is in satisfactory adjustment.

Thence S. 0° 02' E.

Bet. Secs. 8 and 9.

12.96 Set temporary point.

20.61 Set temporary point.

40.10 Fall 1 lk. E. of 1/4 sec. cor. which is a volcanic stone 10 x 6 x 12 ins. above ground, marked and witnessed as described by the Surveyor General.

Return course N. 0° 01' W.

Cor. No. 1.

At the intersection of the line bet. secs. 8 and 9 with the line 1-2 of List 3-1173, I establish cor. No. 1, and a closing cor. on line bet. secs. 8 and 9. Set a porphyry stone 24 x 12 x 7 ins., 14 ins. in the ground, over a marked stone, for cor. No. 1, marked 1-HES167 on the S. face and CC on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high,

CROOK NATIONAL FOREST

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N. 80° 31' W. of cor. from which;

A palo verde 4 ins. dia. bears S. 72° 15' E.

112 lks. dist. marked 1 H E S 167 B T

Cor. of secs. 4, 5, 8 and 9, heretofore de-

scribed, bears N. 0° 01' W., 12.96 chs. dist.

1/4 cor. of Secs. 8 and 9, heretofore de-

scribed, bears S. 0° 01' E., 27.14 chs. dist.

Observed magnetic declination at cor. No. 1 is 13° 15' E.

at 2h. 40m., p.m. Resultant mean magnetic declination

13° 18' E.

Thence S. 80° 31' E.

Ascend 5 ft.

0.37 Road bears NE. and SW.

3.00 To cor. No. 2.

Identical with cor. H-2 of List No. 3-1173, also a cor.

of List No. 3-2259, which is a malachite stone 12 x 8

x 15 ins. above ground, marked and witnessed as de-

scribed by the Forest Service. I destroy all trace of

this list cor. and at this point I set a porphyry stone

28 x 12 x 5 ins. 18 ins. in the ground, over a marked

stone, for cor. No. 2, marked 2-HES167 on the S. face;

and raise a mound of stone 2 ft. base, 1-1/2 ft. high

S. of cor. from which:

A catclaw 4 ins. dia. bears S. 41° 15' W. 81

lks. dist. marked 2 H E S 167 B T.

No other bearings available. Pits impracticable.

Note: At this point I pass from List 3-1173 to List

3-2259.

Thence N. 65° 17' E.

Chains	<p>Ascend 5 ft. in undergrowth.</p> <p>9.99 To cor. No. 3.</p> <p>Identical with cor. H-3 of the List survey, which is a quartzite stone 12 x 8 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the List cor. and at this point I set a conglomerate stone 36 x 10 x 10 ins., 26 ins. in the ground, over a marked stone, for cor. No. 3, marked</p> <p>3-HES167 on the S. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high S. of cor. from which:</p> <p>An imbedded quartzite stone 24 x 15 x 6 ins. above ground, marked with a cross (+) and</p> <p>3 H E S 167 B R bears N. 62° 45' W. 91 lks. dist.</p> <p>No other witnesses available. Pits impracticable.</p>
2.50	<p>Thence S. 52° 56' E.</p> <p>Descend 10 ft. to bottom.</p> <p>Enter bottom bears N. and S.</p>
7.60	<p>Road bears NW. and SE.</p>
12.00	<p>Right bank Queen Creek, 60 lks. wide, banks 12 ft. high, course SW. Also road bears W. and S. Ascend 15 ft.</p>
17.53	<p>To cor. No. 4.</p> <p>Identical with cor. H-2 of the List survey, which is a sandstone 12 x 6 x 8 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point, I set a porphyry stone 26 x 9 x 5 ins., 16 ins. in the ground, over a marked stone, for cor. No. 4 from which:</p> <p>A mesquite 4 ins. dia. bears S. 18° 40' W. 112 lks. dist. marked 4 H E S 167 B.T.</p> <p>No other witnesses available. Pits impracticable.</p>

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Chains	Thence S. 42° 18' W. Descend S. slope 10 ft.
3.10	Superior - Ray road, bears E. and W.
4.80	Ravine, course W. Ascend N. slope 10 ft.
6.73	To cor. No. 5. Identical with cor. H-1 of the list survey, which is a sandstone 8 x 6 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a porphyry stone 24 x 14 x 5 ins., 14 ins. in the ground, over a marked stone, for cor. No. 5, marked 5-HES167 on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. of cor., from which: A palo verde 4 ins. dia., bears S. 79° 12' E., 138 lks. dist., marked 5 H E S 167 B T. A cross (+) on a ledge 5 ft. high and marked 5 H E S 167 B R bears N. 75° 32' E., 113 lks. dist. Pist impracticable.
13.80	Thence N. 61° 30' W. Over rolling mesa. To cor. No. 6. Identical with cor. H-4 of List 3-1173 and a corner of List 3-2259, which is a sandstone 12 x 12 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a limestone 28 x 15 x 7 ins., 18 ins. in the ground, over a marked stone, for cor. No. 6, marked 6-HES167 on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. of cor., from which: A mesquite 4 ins. dia., bears N. 65° 20' W., 125 lks. dist., marked 6 H E S 167 B T.

Chains

The improvements are also witnesses to this cor.
Pits impracticable.

At this point I pass from List 3-2259 to List 3-1173.

Thence S. 75° 38' W.

Descend NW. slope 10 ft.

9.20 Ravine, course NW.

9.60 To cor. No. 7.

At this point I intersect the line bet. secs. 8 and 9 at a point S. 00° 01' E. 20.61 chs. dist. from the cor. of secs. 4, 5, 8 and 9, heretofore described, and N. 00° 01' W. 19.49 chs. dist. from the 1/4 S. cor. bet. secs. 8 and 9, heretofore described. Set a porphyry stone 24 x 15 x 6 ins., 14 ins. in the ground, over a marked stone, for cor. No. 7 and a closing cor. on line bet. secs. 8 and 9, marked 7-HES167 on the N. face and CC on the ENE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, ENE. of cor., from which:

A mesquite 5 ins. dia., bears N. 87° E., 128 lks. dist., marked 7 H E S 167 B T.

A cross (+) on a porphyry ledge 2 ft. high, marked 7 H E S 167 B R, bears S. 01° 30' E., 56 lks. dist.

Thence S. 75° 38' W.

Over rolling N. slope.

2.20 To cor. No. 8.

Identical with cor. H-5 of the list survey, which is a sandstone 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. and at this point I set a limestone 24 x 10 x 7 ins., 14 ins. in the ground, over a marked stone, for cor. No. 8, marked 8-HES167

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<p>Chains</p>	<p>on the N. face, from which: A catclaw 4 ins. dia. bears N. 51° 30' W., 71 lks. dist. marked 8 H E S 167 B T. No other bearings available. Pits impracticable.</p>
	<p>Thence N. 66° 15' W. Ascend N. slope 20 ft. to cor.</p>
<p>10.17</p>	<p>To cor. No. 9. Identical with cor. H-6 of the List survey, which is a sandstone 12 x 10 x 8 ins. marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and at this point I set a porphyry stone 24 x 14 x 6 ins., in a mound of stone over a cross(+) on a porphyry ledge for cor. No. 9 marked 9-HES167 on the N. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high N. of cor. from which: A hackberry 4 ins. dia. bears N. 78° 20' W., 48 lks. dist. marked 9 H E S 167 B T. A sycamore stump 10 ins. dia. bears N. 8° 40' W., 159 lks. dist. marked 9 H E S 167 B T.</p>
<p>0.50</p>	<p>Thence N. 88° 30' W. Cliff 25 ft. high, bears NW, and SE. Ascend 10 ft. along N. slope.</p>
<p>17.86</p>	<p>To cor. No. 10. Identical with cor. H-7 of the list survey, which is a sandstone 8 x 6 x 10 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. and at this point I set a porphyry stone 30 x 12 x 6 ins., 20 ins. in the ground, over a marked stone, for cor. No. 10, marked</p>
<p>16.01 30.70 18.04</p>	<p>Area in Sec. 9 Area in Sec. 8 Total Area</p>

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Chains

10-HES167 on the NE. face; and raise a mound of stone
2 ft. base, 1-1/2 ft. high NE. of cor. from which:

A cross (+) on an imbedded porphyry stone 8 x 2
x 2 ft. above ground, marked 10 H E S 167 B R
bears N. 52° 15' W. 22 lks. dist.

No other bearings available. Pits impracticable.

Thence N. 14° 00' E.

Descend N. slope 20 ft. to Queen Creek.

4.00 Queen Creek, 50 lks. wide, banks 2 ft. high, course W.

Ascend S. slope 10 ft.

8.50 To cor. No. 11.

Identical with cor. H-8. of the list survey, which is a
basalt stone 30 x 15 x 18 ins. above ground, marked and
witnessed as described by the Forest Service. I des-
troy all trace of the list cor. and mark a cross at the
apex of the same stone and 11-HES167 on the SE. face
for cor. No. 11; and raise a mound of stone 2 ft. base,
1-1/2 ft. high SE. of cor. from which:

A walnut 15 ins. dia. bears S. 13° 15' E.,
184 lks. dist. marked 11 H E S 167 B T.

A cottonwood 24 ins. dia. bears S. 23° 55' E.,
240 lks. dist. marked 11 H E S 167 B T.

Thence S. 80° 31' E.

Over rolling S. slope.

22.82 Ranch road, bears NW. and SE.

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

The sun was obscured at apparent noon, therefore a lati-
tude observation was not possible.

AREA

Area in Sec. 9	19.81 acres
Area in Sec. 8	20.70 "
Total Area	40.51 "

CROOK NATIONAL FOREST

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IMPROVEMENTS.

Chains

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

A frame stable 10 x 14 ft., the long side of which bears E. and W. and the SE. cor. bears N. 28° 15' W. 84 lks. dist. from cor. No. 6.

Value \$25.00

A frame dwelling 14 x 20 ft., the long side of which bears N. and S. and the SE. cor. bears N. 51° W. 154 lks. dist. from cor. No. 6.

Value \$100.00

A 5 H. P. gasoline engine and well 8 x 8 x 12 ft. deep, the center of which bears N. 32° 30' W. 310 lks. dist. from cor. No. 6.

Value \$300.00

A small tract fenced and cultivated.

Value \$ 25.00

GENERAL DESCRIPTION

This claim is situated along Queen Creek on a gentle west slope. Queen Creek does not furnish sufficient water for irrigation, but there is a good subsurface supply. I saw no indication of mineral upon this claim.

Superior Postoffice is 5 miles in a northeasterly direction. Florence railway station is 27 miles in a southeasterly direction.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts or adjoining claims.

Chains

TRVERSE -Sec. 9

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	S. 80° 31' E.	3.00		1.49	2.96	
2-3	N. 65° 17' E.	9.99	4.18		9.07	
3-4	S. 52° 56' E.	17.53		10.57	13.99	
4-5	S. 42° 18' W.	6.73		4.98		4.53
5-6	N. 61° 30' W.	13.80	6.58			12.13
6-7	S. 75° 38' W.	9.60		2.38		9.30
7-1	N. 0° 01' W.	7.65	7.65			
		68.30	18.41	18.42	26.02	25.96
				<u>18.41</u>	<u>25.96</u>	
Error in Lat. and Dep.				.01	.06	
Closing Error 1:1133						

TRVERSE -Sec. 8.

Cor.	Course	Dist.	N.	S.	E.	W.
1-7	S. 0° 01' E.	7.65		7.65		
7-8	S. 75° 38' W.	2.20		.55		2.13
8-9	N. 66° 15' W.	10.17	4.10			9.31
9-10	N. 88° 30' W.	17.86	.47			17.85
10-11	N. 14° 00' E.	8.50	8.25		2.06	
11-1	S. 80° 31' E.	27.60		4.55	27.22	
		73.98	12.82	12.75	29.28	29.29
			<u>12.75</u>			<u>29.28</u>
Error in Lat. and Dep.				.07		.01
Closing Error 1:1046.						

TRVERSE

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	S. 80° 31' E.	3.00		0.49	2.96	
2-3	N. 65° 17' E.	9.99	4.18		9.07	
3-4	S. 52° 56' E.	17.53		10.57	13.99	
4-5	S. 42° 18' W.	6.73		4.98		4.53
5-6	N. 61° 30' W.	13.80	6.58			12.13
6-7	S. 75° 38' W.	9.60		2.38		9.30
7-8	S. 75° 38' W.	2.20		.55		2.13
8-9	N. 66° 15' W.	10.17	4.10			9.31
9-10	N. 88° 30' W.	17.86	.47			17.85
10-11	N. 14° 00' E.	8.50	8.25		2.06	
11-1	S. 80° 31' E.	27.60		4.55	27.22	
		126.98	23.58	23.52	55.30	55.25
			<u>23.52</u>		<u>55.25</u>	
Error in Lat. and Dep.				.06	.05	
Closing error 1:1626						

Walter J. Purley
Surveyor- Forest Service.

CROOK NATIONAL FOREST

STATE OF ARIZONA

Chains

Detailed Computation.

Lat. 33° 16' 20" N. and Long. 110° 07' 44" W., at cor.
No. 1, by account from special instructions of the
Surveyor General.

Direct solar observation March 4, 1914.

Vertical Angle	Horizontal Angle	H.	m.	s.	Telescope
37° 37' 30"	47° 35'	2	35	12	Direct
37° 52' 00"	47° 06'	2	36	13	Reversed
37° 44' 45"	47° 20' 30"	2	35	43	
	62"		12	02	correction
37° 43' 43" Alt.		2	23	41	App. time.
		7	20	31	
		9h	44m.	12s.	time interval

$75'' \times .84 \times .99 = 62''$ ref.

$9.74 \times 57''.6 = 9' 21''.0$ $06^\circ 38' 48.4 - 00^\circ 09' 21''.0 =$
 $06^\circ 29' 27''.4 =$ decl.

log. sin. decl.	9.053256 ✓	log. tan. lat.	9.817025 ✓
colog. cos. lat.	0.077756 ✓	log. tan. alt.	9.888565 ✓
colog. cos. alt.	0.101868 ✓		9.705590 ✓
	<u>9.232880</u> ✓	0.170954 ✓	
		0.507680 ✓	
Cos. Azimuth =		<u>0.678634</u> ✓	

47° 15' 47", Azimuth of sun. W. at
obsn.

Polaris at W. elong., March 4, 1914.

8h. 36.8m., W. elong. at Greenwich, Lat. 40° N.

1.2m., siderial correction.

8h. 35.6m. ✓
0.9 ✓

8h. 36.5m., W. elong. Pol. at cor. No. 1.

88° 51' 08".4, Decl. of Pol., March 4, 1914.

P. 16 G. L. O. Ephemeris.

01° 22' 18" - Azimuth of Polaris at W. elong.

T.A.

NATIONAL FOREST

STATE OF IDAHO

Chains		Chains																																																		
<p>Lat. 32° 10' 30" N. and long. 110° 01' 00" W. at corner No. 1, by government from original instructions of the Surveyor General.</p>	<p>Direct before observation March 4, 1914.</p> <table border="1"> <thead> <tr> <th>Vertical Angle</th> <th>Horizontal Angle</th> <th>E. M.</th> <th>S. M.</th> <th>Latitude</th> </tr> </thead> <tbody> <tr> <td>37° 37' 30"</td> <td>47° 00'</td> <td>3</td> <td>35</td> <td>18</td> </tr> <tr> <td>37° 34' 30"</td> <td>47° 00'</td> <td>3</td> <td>35</td> <td>18</td> </tr> <tr> <td colspan="5">-----</td> </tr> <tr> <td>37° 42' 00"</td> <td>47° 00'</td> <td>3</td> <td>35</td> <td>18</td> </tr> <tr> <td>37° 42' 00"</td> <td>47° 00'</td> <td>3</td> <td>35</td> <td>18</td> </tr> <tr> <td colspan="5">-----</td> </tr> <tr> <td>37° 42' 00"</td> <td>47° 00'</td> <td>3</td> <td>35</td> <td>18</td> </tr> <tr> <td colspan="5">-----</td> </tr> <tr> <td>37° 42' 00"</td> <td>47° 00'</td> <td>3</td> <td>35</td> <td>18</td> </tr> </tbody> </table>	Vertical Angle	Horizontal Angle	E. M.	S. M.	Latitude	37° 37' 30"	47° 00'	3	35	18	37° 34' 30"	47° 00'	3	35	18	-----					37° 42' 00"	47° 00'	3	35	18	37° 42' 00"	47° 00'	3	35	18	-----					37° 42' 00"	47° 00'	3	35	18	-----					37° 42' 00"	47° 00'	3	35	18	
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<p>3.74 x 47" 8 - 3' 11" 0</p> <p>0.03 38' 28" 4 - 00' 00' 0</p> <p>0.03 38' 28" 4 - 00' 00' 0</p> <p>Log. sin. decl. 9.02255</p> <p>Log. cos. decl. 9.99786</p> <p>Log. tan. decl. 9.81032</p> <p>Log. sin. alt. 9.60388</p> <p>Log. cos. alt. 9.36833</p> <p>Log. tan. alt. 9.74233</p>	<p>3.74 x 47" 8 - 3' 11" 0</p> <p>0.03 38' 28" 4 - 00' 00' 0</p> <p>0.03 38' 28" 4 - 00' 00' 0</p> <p>Log. sin. decl. 9.02255</p> <p>Log. cos. decl. 9.99786</p> <p>Log. tan. decl. 9.81032</p> <p>Log. sin. alt. 9.60388</p> <p>Log. cos. alt. 9.36833</p> <p>Log. tan. alt. 9.74233</p>																																																			
<p>3.74 x 47" 8 - 3' 11" 0</p> <p>0.03 38' 28" 4 - 00' 00' 0</p>	<p>Polaris at W. elong. March 4, 1914.</p> <p>31° 35' 30" N. elong. at Greenwich, Feb. 4, 1914.</p> <p>1.5m., azimuthal correction.</p> <p>31° 35' 30" N. elong. W. elong. Feb. 4, 1914.</p> <p>31° 35' 30" N. elong. W. elong. Feb. 4, 1914.</p> <p>31° 35' 30" N. elong. W. elong. Feb. 4, 1914.</p>																																																			

DIRECTIONS.—1. Carry out calculations to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures. Do not change the footing of the original figures, but put below them the corrected footing in red ink. 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 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. 167, STATE OF ARIZONA - CROOK. J. W. McGrew.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Sec. 9. 1	S. 80° 31' E.	3.00	0.49	0.49	2.96	2.96	2.96	1.45	1.45
2	N. 65° 17' E.	9.99	4.18	6	9.07	9.07	14.98	62.62	401.49
3	S. 52° 56' E.	17.53	10.57	6	13.99	13.99	38.02	47.46	236.35
4	S. 42° 18' W.	6.73	4.98	4	4.53	4.53	47.46	236.35	236.35
5	N. 61° 30' W.	13.80	6.58	4	12.13	12.13	30.78	202.53	22.21
6	S. 75° 38' W.	9.60	2.38	1	9.30	9.30	9.33	22.21	22.21
7	N. 00° 01' W.	7.65	7.65	0	0.00	0.00	0.01	0.08	0.08
		68.30	18.41	18.42	26.02	26.02	265.23	661.50	661.50
			18.41	18.41	26.00	26.00		265.23	265.23
	Closing error	1:1133.						396.27	396.27
								19.81	19.81 - Area.
Sec. 8. 1	S. 00° 01' E.	7.65	7.65	6	7.65	7.65	58.58	448.72	448.72
7	S. 75° 38' W.	2.20	0.55	0	0.55	0.55	56.45	51.05	51.05
8	N. 66° 15' W.	10.17	4.10	5	4.10	4.10	45.01	184.09	184.09
9	N. 88° 30' W.	17.86	0.47	0	0.47	0.47	17.85	8.03	8.03
10	N. 14° 00' E.	8.50	8.25	4	8.25	8.25	2.06	16.98	16.98
11	S. 80° 31' E.	27.60	4.55	7	4.55	4.55	31.35	143.27	143.27
		73.98	12.82	12.75	27.22	27.22	209.10	623.04	623.04
			12.78	12.78	29.29	29.29		209.10	209.10
					29.29	29.29		413.94	413.94
	Closing error	1:1046						20.70	20.70 - area.

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T. F.

50000 - 00.00

Spol: I. Kornevich

NAME	M. YEBEVS	DOLBE M. D.	DEBILITATED		REPTIVIAL		DISVALVE	BEARING	COMMENTS
			Wear	Eye	Wear	Wear			
34. E	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. J	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. K	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. L	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. M	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. N	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. O	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. P	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. Q	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. R	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. S	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. T	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. U	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. V	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. W	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. X	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. Y	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300
34. Z	33.33	32.33	32.33	32.33	32.33	32.33	32.33	32.33	I. C. 300

STATE OF NEW YORK

IN SENATE
 JANUARY 1, 1900

REPORT OF THE
 COMMISSIONERS OF THE
 LAND OFFICE

U. S. Surveyor General.

Frank P. Trott

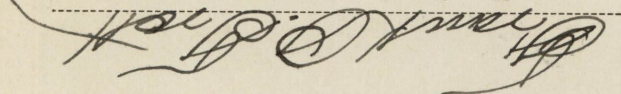
this office.

has been correctly copied from the original notes on file in

notes of the above-described survey in Arizona

I certify that the foregoing transcript of the field

U. S. Surveyor General.



surveys they describe, are hereby approved.

tions and explanations made, the said field notes, and the

having been critically examined, and the necessary correc-

under his special instructions, dated February 12, 1914,

executed by Walter G. Turley, Surveyor-Forest Service

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The foregoing field notes of Homestead Entry Survey No.

Phoenix, Arizona, May 29, 1916.

Office of the United States Surveyor General,

APPROVAL