VUL = 1015

## U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

SER-2 1916

## FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 188

SITUATED IN THE

SITGREAVES NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO.3

in

Section 26 , -- surveyed, Township 13 N., Range 13 E.

Section 27 , -- surveyed, Township 13 N., Range 13 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA.

Survey executed by Walter G. Turley, Surveyor-Forest Service, Under special instructions dated June 10 , 1914. Survey commenced June 29 , 1914. Survey completed June 30 . 1914 Under Acts of June 11, 1906 and March 4, 1913. Applicant for listing J. G. Meyers, Residence Winslow, Arizona. Suppl. Application No. 388 , dated September 5 . 1912 0 List No. 3-2258 , dated February 10 , 1913. Applicant for survey J. G. Meyers, Residence Winslow, Arizona. H. E. No.023814 , dated November 24 , 1913. Land district Phoenix, Arizona. 8-2349

15.80 1/2.80.5.0

#### 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. 188, in surveyed Section 26 , Township 13 N., Range 13 E., surveyed Section 27 , Township 13 N., Range 13 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 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 Charles L Hodson Chainman. very expensive and inconvenient to appear before an officer to administer oaths Churles & Brecht Chainman. to Assistants; hence, they were taken by the Surveyor. Subscribed and sworn to before me this 12.Th day of november, 1914. Walter 9. Turley Surveyor-Forest Service. OATH OF SURVEYOR 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

June 10, 1914, and the laws of the United States, I have

well, faithfully, and truly, in my own proper person, surveyed a tract of land apentherapplication of embraced in

List, No.3-2258 dated February 10, 1913, for

Patent, under the Act of June 11, 1906,

the same to be known as Homestead Entry Survey No. 188 the same to be known as Homestead Entry Survey No. 188

situated within the Sitgreaves National Forest, in surveyed Section 26, Township 13 N. Range 13 E., and surveyed Section 27, Township 13 N. Range 13 E.,

off the G. & S. R. B. & meridian, Arizona, and the related retracements and resurveys and section subdivisions 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 instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey. Surveyor-Forest Service. Subscribed and sworn to before me this \_\_\_\_\_day of november, 19/4
hy commissionispires Mil 6.19/8 P. B. Callie

Notary Public

## SITGREAVES NATIONAL FOREST STATE OF ARIZONA.

Chains

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Applicant for listing J. G. Meyers; Supplemental Application No. 388, dated September 5, 1912; List No. 3-2258 dated February 10, 1913; Homestead Entry 023814 made in the Phoenix Land Office on November 24, 1913, by J. G. Meyers of Winslow, Arizona.

Surveyed under Acts of June 11, 1906 and March 4, 1913; and special instructions from the Surveyor General for Arizona dated June 10, 1914, and designated as Homestead Entry Survey No. 188.

Situated in secs. 26 and 27, T. 13 N., R. 13 E., G. and S. R. B. and M., within the Sitgreaves National Forest Arizona.

Survey commenced June 29, 1914, and executed with a W.

and L. E. Gurley light mountain transit No. 12953,

with vertical circle and Burt solar attachment. The

horizontal limb of the transit is provided with two

double verniers placed opposite to each other; and

graduated to single minutes of arc, which is also the

graduation upon the verniers of the latitude and

declination arcs.

I test the adjustments of the transit and solar attachment and make necessary corrections. The stadia wire interval is adjusted to read 1:132.

All distances are horizontal; and were reduced from measurements made on the slope, with a 500 link steel tape graduated to links and tenths and the slope angles determined with a clinometer the vernier of which reads to degrees; and a Philadelphia stadia rod graduated to feet and hundredths, provided with two targets the verniers of which read to thousandths of a foot.

June 29. 1914.

At 9h. 40m. p.m. 1.m.t., I observe Polaris with teles-

J. from her direction at 9h. bom. o.m.

## SITGREAVES NATIONAL FOREST STATE OF ARIZONA.

Chains

cope direct. at the 1/4 sec. cor. to secs. 26 and 27, T. 13 N. R. 13 E., which is a sandstone 10 x 6 x 6 ins. above ground marked and witnessed as described , and mark the direction thus determined with a tack in a stake set 5.00 chs. N. of Surveyed under Acts of June 11, 19 Gnoitstanym 4, 1913;

Astron. 1.m.t. obsn. June 28, 1914 33h. 40.0m. Astron. 1.m.t. U.C. Pol. June 28,1914 19h. Ol.1m. Hour angle Pol. at obsn. 14h. 38.9m. ni bejaut 23h. 56.1m. Time argument

Azimuth Pol. at obsn. 0° 53' 48" E. Lat. 34° 29' 10" N. Long. 110° 57' 32" W.

At 9h. 55m. p.m., on the same date, I observe Polaris at the 1/4 sec. cor. to secs. 26 and 27 heretofore described, with telescope reversed in altitude and azimuth; and mark the direction thus determined with a tack in a stake set 5.00 chs. N. of my station.

ond ols at Astron. 1.m.t. obsn. June 28, 1914 33h. 55.0m.

Astron. 1.m.t. U.C. Pol. June 28,1914 19h. 01.1m.

Hour angle Pol. at obsn. ois sois sail of 14h. 53.9m.

-does to raice Time argument to established ent ses 23h. 56.lm.

Azimuth Pol. at obsn. 0° 57' 54" E.

horizontal; and were reduced from

.331: L bset of before 29, 1914.

June 30, 1914.

tage graduated to links and to I turn off 0° 54', the azimuth of Polaris to the W. from her direction at 9h. 40m. p.m., l.m.t., June 29, 1914; and mark the line thus determined with a tack in a stake set 5.00 chs. N. of my station.

I also turn off 0° 58', the azimuth of Polaris, to the W. from her direction at 9h. 55m. p.m., l.m.t., June 29, 1914; and mark the line thus determined with a tack in a stake set 5.00 chs. N. of my station. This

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## SITGREAVES NATIONAL FOREST

#### STATE OF ARIZONA

Chains

line falls 0° 00' 14" of measured arc to the W. of the line previously established. I mark the mean of these two lines with a tack in a stake set 5.00 chs. N. of my station; and from the corresponding meridian all the courses of this survey were deflected.

At 8h. 00m. a.m., 1.m.t., on the same date, I set off 23° 13' N. on the decl. arc and 34° 29-1/2' on the lat. arc and determine a meridian with the solar at the 1/4 sec. cor. to secs. 26 and 27, heretofore described; and my line of sight falls 0° 00' 11" of measured are to the W. of the meridian established by me at this point, from Polaris observations made June 29, 1914 and marked upon the ground as heretofore described. . They come at

Lat. 34° 29' 10" N., Long. 110° 57' 32" W., at the 1/4 sec. cor. to secs. 26 and 27, heretofore described, obtained from the special instructions of, the Surveyor General; which gives Lat. 34°-29' 21" N. and, Long. 110° vd bedire 57' 32" W. at cor. No. 1. a. busors avods . sai

With 23° 12-1/2' N. set off on the decl. arc, and the line of collimation of the main telescope lying in the plane vd hed cof the meridian, I observe the sun upon the meridian with the solar attachment for latitude and time at cor. No. 1; and obtain a reading of 34° 29-1/2! on the lat. arc, and note that the sun crossed the 12m. hour circle of the solar attachment at 12h. 03m. 20s. p.m., watch time. Therefore my watch is correct. '

I observe the magnetic declination at cor. No. 1 to be 15° 02' E., at 8h. 00m. a.m., 1.m.t., June 30, 1914; which gives a mean magnetic declination of 14° 58' E.

## mode to Baron a seler bas ; SRETRACEMENT no 68.1288-1 bas

Thence North to to .HM deld . of S/I-I . essd . J S

From the 1/4 sec. cor. to secs. 26 and 27, T. 13 N.,

# HOMESTEAD ENTRY SURVEY NO. 188 SITGREAVES NATIONAL FOREST

#### STATE OF ARIZONA

Chains 40.40

R. 13 E., heretofore described.

40.40 I fall 23 lks. W. of the cor. to secs. 22, 23, 26 and 27,

T. 13 N., R. 13 E., which is a sandstone 14 x 8 x 8 ins.

above ground, marked and witnessed as described by the

Surveyor General.

at 8h. 00m. 2.m., 1.m.t., on the same

Return course S. 0° 20' W.

Subdivision of Section 27. . 'SI

In accordance with the special instructions of the Surveyor General, I theoretically subdivide sec. 27 by
adopting mean courses and distances within the sec. and
proceed to establish the E. bdy. of the SW/4 SE/4 NE/4
as follows:

Thence West. bedinses erologered as among ent

deta

From the 1/4 sec. cor. to secs. 26 and 27, heretofore

10.02 To the point for SE. cor. SW/4 SE/4 NE/4, sec. 27.

Thence N. 0° 17' E.

6.98. Cor. H-1. of List 3-2258, which is a limestone 12 x 3 x 5 ins. above ground, marked and witnessed as described by the Forest Service.

9.98 Cor. H-6 of List 3-2258, which is a limestone 11 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service, and point for NE. cor. SW/4 SE/4

NE/4, sec. 27.

Cor. No. 1, and a closing cor. on sec. line bet. secs. 26 and 27, T. 13 N., R. 13 E.

Identical with the intersection of line H-1 to H-2 of
List 3-2258 with the sec. line. I set a limestone 28
x 10 x 10 ins., 18 ins. in the ground, over a marked
stone, chiseled (+) at the point; C C on the NE. face
and 1-HES188 on the NW. face; and raise a mound of stone
2 ft. base, 1-1/2 ft. high NE. of cor., from which:

From the 1/4 sec. cor. to sees. 26 and 27, T. 15 H.,

9.00

## SITGREAVES NATIONAL FOREST STATE OF ARIZONA.

Chains

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. esff

A pine 32 ins. dia., blazed and scribed

1 H E S 188 + B T, bears S. 9° 15' W. 81 lks.

A pine 36 ins. dia., blazed and scribed

1 H E S 188 + B T, bears S. 54° 20' E. 45 lks.

1/4 sec. cor. to secs. 26 and 27 bears S. 0° 20'
W. 17.19 chs. dist.

Cor. to secs. 22, 23, 26 and 27 bears N. 0° 20'
E. 23.21 chs. dist.

A pine 18, ins. dis.,

Pits impracticable. This cor. is under a wire fence.

Thence S. 44° 30' W.

In section 27.

Over meadow land in edge of scattering pine timber along wire fence.

14.32 To cor. No. 2.

Identical with cor. H-1 of List 3-2258 heretofore described. I destroy cor. H-1 with its witnesses and for cor. No. 2 of this survey I set a limestone 24 x 9 x 8 ins., 14 ins. in the ground, over a marked stone, chiseled (+) at the point and 2-HES188 on the NNE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high NNE. of cor. from which:

A pine 20 ins. dia., blazed and scribed

2 H E S 188 + B T, bears S. 76° E. 37 lks.

A pine 16 ins. dia., blazed and scribed

2 H E S 188 + B T, bears S. 27° 25' W. 66 lks.

Pits impracticable. Fence runs S. from cor.

Thence N. O 171 E. . TE BELLE H A

Along the E. bdy. SW. 1/4, SE. 1/4, NE. 1/4 sec. 27.

Over meadow land in scattering pine timber along wire fence.

1.13 Arroyo, 10 lks. wide, banks 2 ft. high, course NE., in bottom Mud Spring Draw.

## SITGREAVES NATIONAL FOREST STATE OF ARIZONA.

Chains

To cor. No. 3. 3.00

Identical with cor. H-6 of List 3-2258 heretofore described. I destroy cor. H-6 with its witnesses; and for cor. No. 3 of this survey I set a limestone 28 x 10 x 10 ins., 18 ins. in the ground, over a marked stone, chiseled (+) at the point and 3-HES188 on the E. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, E. of cor. from which:

A pine 10 ins. dia., blazed and scribed 3 H E S 188 + B T, bears N. 3° 40' W. 28 1ks. A pine 18 ins. dia., blazed and scribed 3 H E S 188 + B T, bears N. 56° 30' W. 19 1ks. Pits impracticable. Fence runs W. from cor.

I-H . too dilw Issidneb!

for cor. Wow S of this surve

Thence N. 43° 55' E.

Over meadow land in scattering pine timber.

To cor. No. 4. 11.34

etone.

Identical with cor. H-5 of List 3-2258 which is a limestone 12 x 2 x 3 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-5 with its witnesses; and for cor. No. 4 of this survey, I set a limestone 28 x 10 x 9 ins., 18 ins. in the ground, over a marked stone, chiseled (+) at the point and 4-HES188 on the SE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor. from which: Toomer . afdaoisoarqui astr

A pine 76 ins. dia., blazed and scribed 4 H E S 188 + B T, bears S. 40° 45' W. 96 1ks. A pine 22 ins. dia., blazed and scribed 4 H E S 188 + B T, bears N. 24° E. 33 lks. Pits impracticable. . some

Thence N. 30° 30' E. . ward gaire? bull most tod

## SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

4.35

Over meadow land in edge of scattering pine timber. To cor. No. 5. 21880 .1. 4 881 2 2

And a closing corner on sec. line between secs. 26 and 27, T. 13 N., R. 13 E. I set a limestone 26 x 11 x 5 ins., 16 ins. in the ground, over a marked stone, chiseled (+) at the point, 5-HES188 on the SE., and CC on the SW. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor. from which:

A pine 18 ins. dia., blazed and scribed 5 H E S 188 + B T, bears S. 7° 15' E. 124 1ks.

A pine 20 ins. dia., blazed and scribed 5 H E S 188 + B T, bears N. 4° 40' W. 93 1ks.

1/4 sec. cor. to secs. 26 and 27 bears S. 0° 20' W. 21.88 chs. dist.

Cor. to secs. 22, 23, 26 and 27 bears N. 0° 20' E. 18.52 chs. dist.

Cor. No. I of this survey bears S. '0° 20' W. 4.69 chs. dist. ... . eni si enig

Pits impracticable. The Hold All V

Thence N. 30° 30' E. . . . . . . 881 8 8

nound of

Leave section 27 and enter section 26.1 2119 Over meadew land in edge of scattering pine timber.

17.00 To cor. No. 6.

ne 20 ins. dis., blazed and scribed

Identical with cor. H-4 of List 3-2258 which is a limestone 8 x 4 x 3 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-4 with its witnesses and for cor. No. 6 of this survey I set a limestone 30 x 12 x 4 ins., 20 ins. in the ground, over a marked stone, chiseled (+) at the point, and 6-HES188 on the S. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, S. of cor. from which:

A pine 26 ins. dia., blazed and scribed 6 H E S 188 + B T, bears S. 65° 15' W. 159 1ks.

## SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

II x

TKS.

A pine 5 ins. dia., blazed and scribed

6 H E S 188 + B T, bears N. 28° 20' E. 81 lks.

Pits impracticable.

Thence S. 19° 15' E. on mi .ant of .. ant dx

.. Over meadow land in open. d. sa (+) beleated

3.00 Arreye, 10 lks. wide, banks 1 ft. high, course NE. In bottom Mud Spring Draw.

3.91 To cer. No. 7.

Identical with cor. H-3 of List 3-2258 which is a limestone 8 x 8 x 5 ins. above ground marked and witnessed
as described by the Forest Service. I destroy cor.

H-3 with its witnesses and for cor. No. 7 of this survey I set a limestone 28 x 12 x 5 ins., 18 ins. in the
ground, over a marked stone, chiseled (+) at the point
and 7-HES188 on the W. face and raise a mound of stone
2 ft. base, 1-1/2 ft. high, W. of cor. from which:

A pine 18 ins. dia., blazed and scribed
7 H E S 188 + B T, bears S. 50° 10' E. 60 lks.

A pine 20 ins. dia., blazed and scribed

7 H E S 188 + B T, bears E. 61 lks.

Pits impracticable. This corner is under a wire fence

which bears N. 30° 30' E. and S. 30° 30' W.

17.00 To cor. No. 6.

-enil 8 Thence S. 30° 30 W. to A-H . 100 ndiw lastines!

Over meadow land in edge of scattering pine timber

16.10

.Jalog

To cor. No. 8.00 for bus sessentiw sti Ativ A-H

Identical with cor. H-2 of List 3-2258, which is a limestone 8 x 6 x 4 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-2 with its witnesses and for cor. No. 8 of this survey I set a limestone 26 x 14 x 7 ins., 16 ins. in the ground, ever a marked stone, chiseled (+) at the

# SITGREAVES NATIONAL FOREST STATE OF ARIZONA.

## Chains

point, and 8-HES188 on the NW. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor. from which:

A pine 18 ins. dia., blazed and scribed

8 H E S 188 + B T, bears S. 86° 30° E. 67 lks.

A pine 9 ins. dia., blazed and scribed

8 H E S 188 + B T, bears S. 9° W. 35 1ks.

Pits impracticable. This cor. is under a wire fence which fellows the line northeasterly and southwesterly.

Thence S. 44° 30' W. . Tefostate at Laraffusin

Over meadow land in edge of scattering pine timber,

rden. All the land included in this survey

2.50

To cor. No. 1 of this survey, the place of beginning, and a closing cor. on sec. line between secs. 26 and 27.

## Procesix Lend Offic. CASTA Pust 4, 1908. which ad othe

## Defailme to hebelete IMPROVEMENTS, sil on bus yev

The improvements made upon and for the benefit of this additional homestead entry consist of approximately 1 mile of wire fencing, principally on the outside of the claim.

Substantial improvements have been made upon claimant's original homestead entry No. 0364.

#### DESCRIPTION.

This claim is situated on the N. slope of the Mogollon Mesa at an elevation of approximately 7200 ft; and occupies a tract of bottom land along Mud Spring Draw which drains northeasterly.

# 8 HOMESTEAD ENTRY SURVEY NO. 188 SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains This section is heavily timbered and a fringe of scattering trees is included in this survey. Sufficient
water for domestic purposes and cattle is obtained from
seep holes along Mud Spring Draw; and claimant has
impounded approximately 1/4 acre ft. of this seep water
together with flood waters which is sufficient to irrigate a garden.

The soil is a clay leam and will produce small grains and garden. Claimant has raised grain, potatoes and garden. All the land included in this survey is agricultural in character.

No mineral appears upon this claim and no mining claims are known to have been located in this section; and no townsite is near.

There are no conflicts. This survey is additional to claimant's Homestead Entry No. 0364 made in the Phoenix Land Office on August 4, 1908, which adjoins this survey on the Southwest. Winslow post office and railway station is 48 miles in a northeasterly direction and is reached by wagon road.

The lines of the list survey were followed in this survey and no listed land was excluded or unlisted land included therein.

June 30, 1914. ienes yrtne besteemen Isneitlans

Substantial improvements have been made upon claiment's

. A360 .cM yrine basteench lanfgtro

.WOITSIHDENG

This claim is situated on the M. slope of the Mogollon

Mess at an elevation of approximately 7200 ft; and oc-

supres a trace of bettem land slone Mud Sprine Draw

which drains northeasterly.

## SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains	TRAVERSE IN SEC. 27	7.VAST												
**	Cor. Course. Dist. N.	S. E. TOU	W.											
20.01			10.04											
	2-3 · N. 0° 17' E. 3.00 · 3.00	0.01												
	3-4 N. 43° 55' E. 11.34 8.17	7. 7.87												
	T 0 N 00 00 E 4 00 0 7.75	2.21												
	5-1 s. 0° 20' W. 4.69	4.69	0.03											
0.17	37.70 14.92 14.90		10.07											
98.61	Closing error 1:1333.													
	TRAVERSE IN SEC.													
	Cor. Course. Dist. N.		- W.											
	1-5 N. 0° 20' E. 4.69 4.69													
	5-6 N.30° 30' E. 17.00 14.65													
. 00	6-7 S.19° 15' E. 3.91	3.69 1.29												
	7-8 S.30° 30' W. 16.10	13.87	8.17											
	8-1 S.44° 30' W. 2.50	1.78	1.75											
	44.20 19.34	19.34 9.95 19.34 9.92	9.92											
	Error in lat. and dep.	0.00 0.03												
	Closing error 1:1473													

## SITGREAVES NATIONAL FOREST

	STATE OF ARIZONA.	
Chains	TRAVERSE OF ENTIRE CLAIM.	baisat
.W		E.O W.
0.04		S-I 10.04
	2-3 N. 0° 17' E. 3.00 3.00 77 ° .0 3-4 N. 43° 55' E. 11.34 8.17	0.0L <sub>3</sub>
	3-4 N. 43° 55° E. 11.34 8.17 4-5 N. 30° 30° E. 4.35 3.75	2.21
	4-5 N. 30° 30' E. 4.35 3.75, 5-6 N. 30° 30' E. 17.00 14.65 6-7 S. 19° 15' E. 3.91 3.69 1	3.63
60.0	6-7 S. 19° 15' E. 3.91 3.69 1	.29
10.0	7-8 S. 30° 50' W. 16.10' 13.87	8.17
	8-1 85. 44° 30° W. 2.50 . qeb bne 1.78	
	72.52 29.57 29.55 20 29.55 20 Error in lat. and dep. 29.55	.01 19.96 .96
	Closing error 1:1347.	0.05
.W	Course. Dist. N. S. E.	.roo
	I. 6° 20' B. 4.69 (0.03 .	1-5
	88.88 GB. AL OO. With Co.	9
	Surveyor-fores	t Service.
1.75		1-8
91.4		
80.0	19.24 9.92	
	in lat. and dep. 0.00 0.03	
	ng error 1:1475	118010

#### SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains

DETAILED COMPUTATIONS.

34° 29' 10" N. lat. at the 1/4 sec. cor. to secs. 26 and 27, T. 13 N., R. 13 E., taken from the special instructions of the Surveyor General.

00 001 11"

34° 29' 21" N. lat. at cor. No. 1.

110° 57'. 32" W. long. at the 1/4 sec. cor. to secs. 26 and 27, T. 13 N., R. 13 E., taken from the special instructions of the Surveyor General.

Polaris observation June 29, 1914, 9h. 40m. p.m., 1.m.t. at the 1/4 sec. cor. to secs. 26 and 27, T. 13 N., R. 26° 50' 42".8 deol. Pol. June 33 114.

7h. 02.3m. a.m. Greenwich m. t. U.C. Pol. June 29, 1914. 1.2m. siderial correction.

7h. Ol.lm. a.m. l.m.t. U.C. Pol. June 29, 1914. 19h. Ol.lm. Astron. 1.m.t. U.C. Pol. June 28, 1914.

33h. 40.0m. Astron. 1.m.t. obsn. June 28, 1914.

14h. 38.9m. Hour angle Pol.

23h. 56.1m. 9h. 17.2m. Time argument.

88° 50' 42".8 decl. Pol. June 29, 1914.

Interpolate in G. L. O. Ephemeris.

 $\frac{0.7}{6.6}$  x 1'.8 = 0'.2 53'.8 Azimuth.

0° 53' 48" E. Azimuth of Pol. at obsn.

Form 85. Sheet No. 2.

## HOMESTEAD ENTRY SURVEY NO. 188

#### SITGREAVES NATIONAL FOREST

STATE OF ARIZONA.

Chains Polaris observations June 29, 1914 at 9h. 55m. p.m., l.m.t at the 1/4 sec. cor. to secs. 26 and 27, T. 13 N., R. 13 E. 7h. 02.3m. a.m. Greenwich m. t. U.C. Pol. June 29, 1914. 1.2m. siderial correction. 7h. Ol.lm. 1.m.t. U.C. Pol. June 29, 1914. 19h. Ol.1m. Astron. 1.m.t. U.C. Pol. June 28, 1914. 33h. 55.0m. Astron. .l.m.t. obsn. June 28, 1914. 14h. 53.9m. Hour angle Pol. Polaris observation June 29, 1914, Sh. . mf. 66 . . dc. L. . . . . . . . . . . . .1 . 9h. 02.2m. Time argument. . 100 .000 A/L edt to 88° 50' 42".8 decl. Pol. June 29, 1914. . Interpolate in G. L. O. Ephemeris. 6.6 x 1.9 = 1.7 57.9 azimuth. 0° 57' 54" E. azimuth Pol. at obsn. 38.9m. Hour sagle Pol.

14h. 28.9m. Four angle Pol. 82b. 56.1m. Pime argument.

88° 50' 48".8 decl. Pol. June 29, 1914. Interpolate in G. I. O. Ephemeris.

fumica 8. '86 2. '0 = 8. '1 x Y.0

0° 55' 48" E. Azimuth of Pol. st. obsn.

Form 85. Sheet No. 3.—Revised Feb., 1915.

J. G. Meyers. 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 figure or figures above in red ink. Do not change the footing of the lines.

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. TART, TNG AND GAT, CITT, APTONG OF HOMESOME

A PR	O. DALLAND.	102 77	1			94 41	781	131	1 .1	3 27	60		68 59	00 891	3 12	200		106 68	5 33	
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DES.	South.	10 21				4 69	14 90	16 11					3 69	13 87	1 78	19 34	19 34			
LATITUDES.	North.		3 00	8 17	3 75		14 92	14 11			69 7	14 65				19 34	1934			
DISTANCE.		14.32	3,00	11.34	4.35	4.69	37.70			9	4.69	17,00	2.91	16,10	2.50	44.20			error.	
BEARING.		S. 44° 30' W.	N. 0° 177 E.	N. 43° 55' E.	N. 30° 30° E.	S. 0° 20' W.			ZZZI.		N. 0° 20' E.	N. 30° 30' E.	S. 19º 15' E.	S. 30° 30' W.	S. 44° 301 W.				1:1473 Closing error.	
CORNERS.	11	Sec. 27 7009/ 1-2	2-2	69367 72035 3-4	50754 8463 4-5	1-9 78-510						9-9	33969 94409 6-7	7-8	2					

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#### APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 20, 1917.

The foregoing field notes of Homestead Entry Survey No.

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executed by Walter G. Turley, Surveyor Forest Service [Forest Service Title.] under his special instructions, dated June 10 , 1914, 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.