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U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

MAR. 25. 1915

MAR. 22 10:13

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 116. SITUATED IN THE

CROOK NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3....

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Gila and Salt River Rase and Meridian.

ARIZONA

Survey executed by Walter G. Turley, S.	urveyor-Forest S	ervice.
Under special instructions dated	October 30	1913.
Survey commenced	February 2 ,	1914
Survey completed	February 2	1914
Under Acts of June 11, 1906 and March	4, 1913.	
Applicant for listing Wesley Goswi	ck,	
Residence Globe, A	rizona.	
Application No. 17 , dated	April 3	1908
List No. 3-633 , dated Se	ptember 23	1910
Applicant for survey Willis Miller	•	Y
Residence Globe, Ari	zona	
H. E. No. 018504 , dated July 3, 1		
Land district Phoenix, Arizona	· 44 0	8—2349

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. 116 , in -- surveyed Section 9 , Township 1 N. , Range 15 H., -- surveyed Section -- - , Township -- - - , Range -- - , 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 carriest Malours Chain man very expensive and inconvenient to appear before an , Chainman. officer to administer the oaths to assistants; hence, they were taken by the Surveyor. Subscribed and sworn to before me this ___ February, 19/4. 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 October 30, 1913, and the laws of the United States, I have well, faithfully, and truly, in my own proper person, surveyed a tract of land upon the application of embraced in List, No. 3-633, dated Sept. 23, 1910, for Patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 116, situated within the 1906... situated within the _____ CROOK ____ National Forest, in -- surveyed Section 9 , Township 1 N., Range 15 E., and -- surveyed Section -- , Township -- , Range -- -- , of the G. & S.R.B.& meridian, Arizona 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 and that the following are the original field notes of such survey. Subscribed and sworn to before me this 2/al Malling Scott holay Public

CROOK NATIONAL FOREST

STATE OF ARIZONA.

Chains Applicant for listing Wesley Goswick; Application No. 17, dated April 3, 1908; List No. 3-633, dated Septem-- ber 23, 1910; H. H. No. 018504 made at Phoenix, Arizona by Willis Miller on July 3, 1912.

Surveyed under special instructions from the Surveyor General for Arizona, dated October 30, 1913 and designated as Homestead Entry Survey No. 116.

Situated in Sec. 9, T. 1 N., R. 15 E., G. & S. R. B. and Meridian within the Crook National Forest.

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

Survey commenced February 2, 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 having two double verniers placed opposite and reading to single minutes of arc, which is also the least graduation on the verniers of the latitude and declination arcs.

The instrument was tested and all necessary adjustments made to the levels, line of collimation, solar attachment and stadia interval. The stadia is adjusted to read 1:132.

All measurements were made on the slope and reduced to the horizontal with a 400 link steel tape and a Philadelphia stadia rod graduated to feet and hundredths with target verniers reading to thousandths.

February 2, 1914.

I observe the altitude of the sun for azimuth at cor. H-4 of the List survey, which is a sandstone 14 x 10 x 10 ins. above ground marked and witnessed as described

HOMESTEAD ENTRY SURVEY NO. 116 CROOK NATIONAL FOREST

STATE OF ARIZONA.

Chains

by the Forest Service. The reading on the reference object, was set at zero, and my watch is set, for local mean time. Latitude of station 33° 26. 48" N.; Longitude 110°. 47' 42" W., obtained from the Special Instructions of the Surveyor General. The sun was observed in the lower left and upper right quadrants of the field in the first observation and in the upper .left and lower right, quadrants of the field in the second observation. To sat ald in acidital bac

Horizontal Angle	Vertical Angle	etoA eh:	Tem.u	Ds.
38° 181	30° 11'	9	55	30
38° 491	29° 381	9	56	35

Second observation:

530 451 18° 571 35 19° 11' 3 37 53° 201 44

Bearing of object by first observation S. 0° 02' 10" E. Bearing of object by second observation S. 0° 03' 12" E. The mean of these is S. 0° 02' 41" E. and to the corresponding meridian all the courses of the survey stated in these field notes are referred. -dostes astech-

February 2, 1914.

At 10h. 05m. a.m., 1.m.t., I set off 16° 53' S. on the decl. arc and 33° 27' on the lat. arc and determine a meridian with the solar at cor. H-4 of the List survey and my line of sight falls upon tack in a stake set 4.00 chs. S. of my station, which defines a meridian as determined by observing the sun in altitude for azimuth as heretofore described. Therefore I conclude that my transit is in satisfactory adjustment.

. Lavretni sibols bna toom

CROOK NATIONAL FOREST

STATE OF ARIZONA.

Chains Preliminary to the survey of this claim, I retrace the

Lode Survey lines as follows: Estanol togettue

, I February 2, 1914. I dromes mode A end To B. of . McO 03.9

At 10h. 10m. a.m., 1.m.t., I set off 16° 53' S. on the decl. arc and 33° 27' on the lat. arc and determine a meridian with the solar at cor. No., 1 Orient Lode Survey No. 2672, which is a redwood post 4 x 4 x 36 ins. above ground and marked and witnessed as described by the Surveyor General.

B. 69° 56' E. on a random line.

Thence I run

of S. 55° Q3' W. on a randomoline. 110 , A . of . 100

9.95 Cor. H-2 of the List survey, which is a sandstone 14 x . 4.x 8 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 34° 57' W. Toweltlk. edist. bedirese bes besentiv bas bedirer

10.00 Cor. No. 4 of the Orient Lode Survey No. 2672, which is a pine post 4 x 4 x 30 ins. above ground, marked and witnessed as described by the Surveyor General.

oce 101 a. on a rendem line from cor.

I also retrace the lines 4-1 and 1-2 of the Astonishment Lode survey No. 2681, as follows: Beginning at cor. No. 4 Survey No. 2681, Astonishment Lode, which is a pine post 4 x 4 x 30 ins. above ground, marked and witnessed as described by the Surveyor General.

Thense I run:

Thence I run:

N. 30° 12' E. on.a random line. . 101 988 .6

3.15 Cor. H-7 of the List survey, which is a granite stone -01 10, x 8 x 8 ins. above ground, marked and witnessed as described by the Forest Service.

4.60 West end center, a pine post 4 x 4 x 30 ins. above

HOMESTEAD ENTRY SURVEY NO. 116 CROOK NATIONAL FOREST

STATE OF ARIZONA.

Chains ground, marked and witnessed as described by the Surveyor General; swollow as senil years shot Cor. No. 1 of the Astonishment Lode survey No. 2681, 9.20 which is a pine post 4.x.4.x 30 ins. above ground, marked and witnessed as described by the Surveyor General, also cor. Hel of the List survey, which is a sandstone 8 x 8 x 8 ins. above ground, marked and witnessed as described by the Forest Service. Thence I run: S. 69° 56' E. on a random line. 3.67 Cor. No. 4. Orient Lode Survey No. 2672, heretofore adescribed. of dalay , yevrus take for a-H . 100 de. 8 22.72 Cor. No. 2 of the Astonishment Lode Survey No. 2681, which is a redwood post 4 x 4 x 48 ins. above ground, marked and witnessed as described by the . Surveyor Bi d inwGeneral. OW yevrue about treint of to 4 . ou . roo 00.01 Thence I run: vist end yd bediteseb as beseentiw N. 36° 10' E. on a random line from cor. H-4 of the Them List survey, -heretofere described, for a tie. I 9.17 Cor. of Secs. 3, 4, 9 and 10, T. 1 N., R. 15 E., which is a granite stone 10 x, 8 x 5. ins. above ground bla bmarked, and witnessed as described by the Surveyor . General overvoo and yd bediroseb as bessentiw Thence I run: S. 36° 10' W. on a true line. o . 1 'SI '03 . W 9.17 To cor. Tho. 1. deldw , vevers tail ont to 7-H . 105 df. 3 Identical with cor. H-4 of the List survey, hereto-

fore described, I destroy all trace of this List cor.

and at this point I set a quartzite stone 26 x 14 x 9

CROOK NATIONAL FOREST

STATE OF ARIZONA.

Chains

ins. 16 ins. in the ground over a small stone, marked . with a cross (+), for cor. No. 1 of this survey marked 1-HES116 on the S. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high S. of cor., from which:

A willow 5 ins. dia. bears S. 36° 10', W. 28 lks. dist., marked 1 H E S 116 B T.

. The first rail on A. E. R. R. is 1.53 chs. dist.

N. 7° 30' W. of the cor.

No other bearings available. Pits impracticable.

At 10h. 00m., a.m., 1.m.t., I observe the magnetic declination at cor. No. 1 of this survey to be 14° 08. E., which reduced by Table G., Manual 1894, Diurnal Variation in Magnetic Declination gives a mean magnetic declination of 14° 06' E.

Thence I run:

S. 53° 44' E. on a true line. Over bottom in under-

6.07 To cdr. No. 2.

Identical with cor. H-3 of the List survey, which is a sandstone 10 x 10 x 8 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 10 ins., 14 ins. in the ground over a small stone marked with a cross (+) for cor. No. 2 of this survey, marked 2-HES116 on the W. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor., from which:

A mesquite 6 ins. in dia. bears S. 39° 40' W.,
127 lks. dist., marked 2 H E S 116 B T.

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STATE OF ARIZONA.

Chains . A mesquite 8 ins. in dia. bears N. 81° 45' W.,

Vevine 2 132 lks. dist., marked 2 H E S 116 B T.

To paner a celer bas cost . S ed no 31184H-1 bears

Thence S. 27° 32' W. 31 8 1-1 , cost . J. 3 enors

Thence S. 27° 32' W. Over bottom.

·1.10 Road, bears E. and W. . and d welliw A

1.37 Ranch road, bears NE. and SW.

•3.00 Leave bottom, bears NE. and SW. and ascend NW. slope

. 0 4.76 To cor. No. 3. eldelieve spained mento of

Identical with cor. No. 4 Orient Lode survey No.

2672, which is a pine post 4 x 4 x 30 ins. above

ground scribed 4-2672-0 on the E. face, set in a

mound of stone 2 ft. base, 1-1/2 ft. high. I mark

3-HES116 on the NW. face of this post for cor. No.

3 of this survey, from which:

+ B R 4-2672-0 on an imbedded lime boulder

24 x 18 x 12 ins. above ground bears N. 1°

09' W., 52 lks. dist.

cor. No. 2 of the list survey, which is a sandstone 14 x 4 x 8 ins. above ground, marked
and witnessed as described by the Forest Service bears N. 43° 30' E. 5 lks. dist.

I establish a witness corner identical with the list corner as follows: I destroy all trace of the list cor. and at this point I set a limestone 36 x 10 x 9 ins., 26 ins. in the ground over a small stone marked with a cross (+) for a witness cor. to cor. No. 3 of this survey, marked WC-3-HES116 on the NW. face and re-establish the mound of stone 2 ft. base, 1-1/2 ft. high around cor. No. 4 Orient Lode survey No. 2672, which is also cor. No. 3 of this survey, and

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.7.

CROOK NATIONAL FOREST

STATE OF ARIZONA

Chains SW. of the W. C., from which: 18 08 000 . 100

A mesquite 5 ins. dia., bears N. 17° 30' E.,

. 127 lks. dist., marked W C 3 H E S 116 B T.

SE. cor. of shaft, 4 x 6 x 22 ft. deep, the

long side of which bears N. 40° E. and S. 40° W., bears N. 51° 00' W., 4 lks. dist.

It was impracticable to place the mound in any other position. And social of sideoistogrami as SI

Thence N. 69° 56' W.

Along line 2-1 Astonishment Lode survey, No. 2681. Descend NW. slope 10 ft. to bottom.

0.50 Fence cor., bears N. 3 lks. dist., from which the fence bears N. 70° 39, W., and N. 20° E. Enter bottom, bears NE. and SW. and S. 300 2. 8 It.

· 3.45 Fence, bears North and South.

3.66 Fence cor., from which the fence bears S. 70° 39' E. and S. 22° W. ... top of . th Of bacons

3.6% To cor. No. 4. Maingrah and to rether the test of.

Identical with cor. No. 1, Astonishment Lode survey No. 2681, which is a pine post 4 x 4 x 30 ins. above ground scribed 1-2681-A on SE. face, set in a mound of stone 2 ft. base, 1-1/2 ft. high. I mark 4-HES116 on the NW. face of this post for cor. No. 4 of this Survey. Tell salt of the . To satty facilment

Cor. No. 1 of the list survey, which is a sandstone 8 x 8 x 8 ins. above ground, marked and witnessed as described by the Forest Service bears N. 45° W., 1 lk. dist.

I establish a witness cor. identical with the list . cor. as follows: . I destroy all trace of this list

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STATE OF ARIZONA

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C	h	a	i	n	S

cor. and at this point I set a quartz stone 36 x 10 'x 9 ins., 20 ins. in the ground, over a small stone . marked with a cross (+) for a witness cor. to cor. No. 4 of this survey, marked WC-4-HES116 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor., and around cor. No. 1, Astonishment Lode survey No. 2681, which is also cor. No. 4 of this survey. Pits impracticable and no bearings available. It was impracticable to place the mound of stone in any other direction.

Thence I run: about translation that first such

- S. 30° 12' W. along line 1-4 of Astonishment Lode survey No. 2681. Ascend NW. slope 10 ft. 00.0
- Enter frame dwelling 12 x 16 ft., bears N. 30° W. 4 ft. 2.20 bears His and SV. and S. 30° E. 8 ft.
- Leave house, bears N. 30° W. 12 ft. and N. 60° E. 16 ft.
- Fence, bears NE. and SW. Leave bottom, bears NE. and 2.94 SW. Ascend 10 ft. to cor. and B. B.S. W.
- West end center of the Astonishment Lode survey No. . . 4.60 2681 location a pine post 4 x 4 x 30 ins. above ground, marked and witnessed as heretofore described.
- Leave bottom, bears NW. and SE. Ascend NE. slope 5.00 10 ft. to cor. . I S\f-1 . oned . of S emote to
- To cor. No. 5. 101 year alad to cost . When to 6.05

Identical with cor. H-7 of the list survey, heretofore described: I destroy all trace of this list cor. and at this point I set a quartz stone 24 x 15 x 7 ins., 14 ins. in the ground over a small stone marked with a cross (+) for cor. No. 5 of this survey, marked 5-HES116 on the NW. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from which:

. 9.

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STATE OF ARIZONA

Chains

A mesquite 4 ins. dia. bears N. 6° 30' W. 112 'lks. dist., marked 5 H E S 116 B T.

The improvements are also witnesses to this cor.,
the bearings of which are heretofore given.

Pits impracticable.

Thence I run:

N. 80° 34' W. on a true line. Descend NW. slope 10 ft. to bottom.

1.50 Enter bottom, bears NE. and SW. Continue over bottom.

8.00 Leave bottom, bears NW. and SE. and ascend NE. slope
5 ft. to cor.

10.19 To cor. No. 6.

Identical with cor. H-6 of the list survey, which is a granite stone 10 x 4 x 8 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 9 x 5 ins. 14 ins. in the ground over a small stone marked with a cross (+) for cor. No. 6 of this survey, marked 6-HES116 on the NE. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor., from which:

A catsclaw 5 ins. dia. bears N. 80° 30' E.

28 lks. dist., marked 6 H E S 116 B T.

No other bearings available. Pits impracticable.

Thence I run:

N. 0° 18' E. on a true line. Descend NE. slope 5° ft. to bottom.

0.72 Fence, bears E. and W.

2.00 Enter bottom and cultivated land, bears E. and W.

7.76 Fence, bears E. and W.

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STATE OF ARIZONA

Chains 7.76

Set a quartzite stone 30 x 12 x 10 ins., 20 ins. in the ground over a small stone marked with a cross (+) for a witness cor. to cor. No. 7 of this survey, marked WC-7-HES116 on the SE. face, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. 2 ft. dist. from cor., from which:

A cross (+) on a quartzite boulder protruding
18 x 15 x 12 ins. from a conglomerate ledge
and marked W C 7 H E S 116 B R, bears S. 59°
52' W. 115 lks. dist.

Pits impracticable. No other bearings available.

8.26 To cor. No. 7.

Identical with cor. H-5 of the list survey, which was a granite stone 10 x 2 x 8 ins. above ground, marked and witnessed as described by the Forest Service. The cor. falls in a wagon road and stone has been destroyed, but I locate its position from the witnesses. I destroy all trace of this list cor. and at this point I set a small stone marked with a cross (+) 24 ins. in the ground for cor. No. 7 of this survey, from which:

lst. rail of Arizona Eastern Railroad track bears N. 4° W. 157 lks. dist.

Thence I run:

. oldsole.

N. 82° 21' E. on a true line. Over bottom in road.

O.60 Leave road, bears E. and W., and enter undergrowth.

O.75 Set a quartzite stone 24 x 12 x 7 ins. 14 ins. in the ground over a small stone marked with a cross (+) for a witness cor. to cor. No. 7 of this survey, marked wc-7-HES116 on the SE. face, and raise a mound of

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Chains stone 2 ft. base, 1-1/2 ft. high, N. 82° 21' E. 3 ft. dist. from cor., from which:

The cross (+) on the quartzite boulder protruding 18 x 15 x 12 ins. from a conglomerate ledge, and marked W C 7 H E S 116 B R, bears S. 57° 13' W. 314 1ks. dist.

Pits impracticable. No other bearings available. Note: It was impracticable to place the mound in any other direction.

2.80 First rail on Arizona Eastern Railroad, bears N. 8° W. 153 lks. dist.

8.05 Enter Pinal creek, bank 4 ft. high, course NW.

13.15 Leave Pinal creek, bank 2 ft. high, course SW.

13.90 Cor. No. 1 of this survey, the place of beginning. February 2, 1914.

are department the Carea. Two wedo for . Malmin

Area ----- 15.32 acres.

· IMPROVEMENTS.

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

A frame dwelling 12 x 16 ft., the long side of which bears N. 60° E. and S. 60° W. and the S. cor. of which bears N. 30° 12' E. 3.54 chs. dist. from cor. No. 5 of this survey.

Value ----- \$125.00

A frame dwelling 12 x 30 ft., the long side of which bears N. 45° E. and S. 45° W. and the SE. cor. of which bears N. 17° 50' E. 2.26 chs. dist. from cor. No. 5 of this survey.

Value ----- \$200.00

STATE OF ARIZONA

Chains .A well 4 x.4 x 70 ft. deep, the center of which bears

N. 14° W. 1.80 chs. dist., from cor. No. 5 of this

survey.

. 00 of of memorano a mValue ------ \$250.00

A frame chicken house, the long side of which bears

N. and S. and the SE. cor. of which bears N. 59° 30'

W., 1.66 chs. dist. from cor. No. 5 of this survey.

vas ni basom old oosi Value ----- \$ 50.00

A frame stable, the long side of which bears E. and W. and the SE. cor. of which bears N. 74° 20' W. 2.40 chs. dist. from cor. No. 5 of this survey.

. Value ----- \$ 65.00

This claim is situated on Pinal creek at an elevation of 3250 feet, and is chiefly valuable for intensive farming. Globe Postoffice and Arizona Eastern Railway station is five miles in a SE. direction.

The soil is a rich sandy loam; and I saw no indication of mineral upon this claim. The shaft which is dug on this claim near cor. No. 3 appears to be in a poor quality of blue limestone, and rock or ledges do not appear at any other point hereon.

The Arizona Eastern Railway passes near the North line of this claim.

Cor. No. 3 of this survey was made identical with

cor. No. 4 Orient Lode survey No. 2672 in order to

close a very narrow hiatus which existed upon the

ground between the list survey and the Astonishment

Lode survey No. 2681.

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CROOK NATIONAL FOREST

STATE OF ARIZONA

Chains

CONFLICTS AND ADJOINING CLAIMS.

This Homestead Entry is joined on the SE. by the Astonishment Lode survey No. 2681, line 4-1, Astonishment Lode is coincident with line 4-5 of this survey. The Orient Lode survey No. 2672, is a short distance East, its Cor. 4 is identical with Cor. 3 of this homestead. The Arizona Eastern Railroad right-of-way extends along the North side of this homestead but does not touch it.

				TRA	VERSE.			
1	Beari	ing		Dist.	N	S	E	W
s.	53°	441	E.	6.07		3.59	4.89	
s.	270	321	W.	4.76		4.22		2.20
N.	690	561	W.	3.67	1.26			3.45
s.	30°	12'	₩.	6.05		5.23		3.04
N.	80°	341	W.	10.19	1.67			10.05
N.	0°	181	E.	8.26	8.26		0.04	
N.	82°	21'	E	13.90	1.85		13.78	
				52.90	13.04	13.04	18.71	18.74
						13.04		18.71
Erro	r in	Lat	. al	nd Dep.		.00		.03
Clos	ing	erro	r 1	1763.				

MATIONAL FOREST

STATE OF MINA HO BYANG

This Homestern Loss waters to Sect. 1200 S. 12	Chains	. CAMATO PHINIOTER WILL STUINTING	
Agronishment Lode warver No. 2681, 1200 d-1. As one is be obto isomer is coincident with Time d-5 50 obto isomer isomer. The coincident with Time death and the standard of the coincident with Cor. 3 and the distribution of the standard of	Onains		
sement note in coincident with line d-5 of obte aurey. Short array. The Crist lead aurey to 2071, 18 2 and affect array array and the continual with cor. I at this moment and. The Array array. Beening Diet. N R J J J J J J J J J J J J J J J J J J			
Short Castanes Set its Ros Ante identical with Cer. 3 of wile nonesteed. The Arizona Letters Reilroed right-of-wey extends along the Horth side of the nomesteed art does not vorda it. Receing Diet. H S J W S. 65 44' L G. 67 C S. 65 4.29 S. 65 46' W S. 67 1.86 S. 80 26' W S. 67 1.86 S. 80 28' L 6.36 1.86 S. 80 28' L 6.36 S. 8			
Short distance seet. Its Cor. And identical with cor. Its tills nonesteed. The Arisona Lauteum Realifeed right-of-way extends chose the Morth elds of this nomesters and these per vouch iv. REALESS. BORNING Dist. N 8 2 W B. 8 8 W B. 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			
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HOMESTAND ON AGES AST TOTAL M B E W	bso	of this homesteed. The Arizons Lasters Reills	
PRIVERSM. PRIV	8	right-of-way extends along the Morth alds of thi	
Posming Dist.		nomestand but does not tonde it.	
8. 85° 44' 1. 6.07			
8. 27° 38' V. 4.76 4.28 2.20 R. 65° 56' W. 5.67 1.26 5.42 S. 80° 12' V. 6.05 5.25 3.04 R. 65° 54' T. 10.19 1.67 10.05 R. 65° 51' T. 16.90 1.86 0.04 R. 65° 51' T. 16.90 1.86 12.78 B. 60° 18' S. 8.25 6.26 0.04 B. 65° 51' T. 16.90 1.86 18.78 B. 60° 18' S. 8.35 6.26 0.04 B. 60° 18' S. 80° 1		Boering Dist. N 8 E	
H. 69° 56' W. 5.67 1.26 6.4 8. 8. 80° 12' V. 6.05 5.0 8.25 5.0 80° 54' V. 10.19 1.67 1.67 10.00 1.67 1.67 10.00 1.86° 21' V. 10.90 1.86° 15.04 15.04 15.04 18.71 18.72 13.72 13.04 15.04 15.04 15.04 15.04 16.04 16.72 11.75 15.04 1		8.69 44' E. 6.07 - 8.69 4.89	
S. 200 12 7. 6.05		3. 27° 32' V. 4.76 4.2E 4.2E	
M. 80° 54° M. 10.19 1.67 H. 0° 16° M. 8.85 6.26 0.04 W. 66° 21° M. 13.90 1.85 15.78 N82.90 1.5.04 15.04 18.71 18.74 Effor in Lat. and Dep		H. 69° 56' W. 5.67 1.26	
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Form 85.

Surveyors are required to use the Standard Field Tables issued by G. L. O. 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 of 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 Standa 4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

Miller. Willis zo na. Arri OF STATE 116 NO. SURVEY HOMESTEAD ENTRY OF CALCULATIONS TABLING AND

一一一 Area. 306.46 80.19 120.92 386.65 116,93 148.80 S. AREAS. 25.70 80.19 0.41 37.31 16.77 AREAS. ż D. 29.61 0.05 13.89 DOUBLE M. 35.26 23.12 32.57 10.04 18.73 3,45 3.04 18.74 2.20 10.05 WEST. DEPARTURES. 0.04 18.71 78 4.89 13. EAST. 4.22 23 59 13.04 13.04 SOUTH. 3 0 LATITUDES. 13.04 1.85 1.26 8.26 1.67 NORTH. 10.19. 4.76 3.67 6.05 8.26 06 13.90 6.07 DISTANCE. 52. -W. . 1 田田 国 M 21-321 448 199 34 181 BEARING. 12 error 1:1763. 270 069 300 008 8 820 53 S N. S Closing 2 3 4-5 1-2 9 CORNERS 3-4 ~ 7-7 d 6 8-2349

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Form 85. Sheet No. 3.

Directions.—1. Carry out calculations to two decimals only.

2. In balancing Latitudes and Departures do not obliterate or change the original figures.

2. In balancing Latitudes and Departures do not obliterate or change the footing of the original figures, but put below them the corrected figures above in red ink. Do not change the footing of the lengths of the lines.

The corrections for balancing fallings should be proportional to the lengths of the lines.

The corrections for particulations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by G. L. O.

3. In calculations of fallings tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

Willts Miller. Ari zons. STATE OF. TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 116.

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 18, 1916.

The foregoing field notes of Homestead Entry Survey No.
116
executed by Walter G. Turley, Surveyor Forest Service
under his special instructions, dated <u>October 30</u> , 1913,
having been critically examined, and the necessary correc-
tions and explanations made, the said field notes, and the
surveys they describe, are hereby approved.
Frank G. Strott
U. S. Surveyor General.
I certify that the foregoing transcript of the field
notes of the above-described survey in Arizona,
has been correctly copied from the original notes on file in
this office.
Frank P. Trott
8-2340 U. S. Surveyor General.