8

0

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

of C.

15 15 1g

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 112

SITUATED IN THE

CROOK NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 15 , un surveyed, Township 1 S., Range 15 E.
Section 16 , unsurveyed , Township 1 S., Range 15 E.

of the

Gila and Salt River Principal Meridian.

Survey executed by Walter G. To	rley, Forest Service Surveyor,
Under special instructions dated	October 30 , 1913
Survey commenced	January 8 , 1914
Survey completed	January 8 , 1914
Under Acts of June 11, 19	906 and March 4, 1913.
Applicant for listing	Frank Mark
Residence	Globe, Arizona.
Application No. 193, dated	August 9 , 19 11
List No. 3-1825 , dated	April 4, 1912
Applicant for survey	Frank Mark
Residence	Globe, Arizona.
H. E. No. 022075 , dated	April 9, 1913.
Land district Phoenix, A	rizona.

OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley, Forest Service Surveyor in surveying all those parts or portions of Homestead Entry Survey No. 112 , in unsurveyed Sections 15&16, Township 1 S. , Range 15 E. , -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 Benjamin to Habourd Chainman very expensive and incon-venient to appear before an officer to administer the oaths to assistants; hence, they were taken by the Surveyor. Subscribed and sworn to before me this hand day of Cornain, 19/4. Houst bervise Surveyor OATH OF SURVEYOR I, Walter G. Turley, Forest Service Surveyor 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.3-1825, dated April 4 , 1912, for

Patent , under the Act of June 11 , 1906,

the same to be known as Homestead Entry Survey No. 112 ,

situated within the CROOK National Forest, in

unsurveyed Sections15&16, Township 1 S., Range 15 E., and

--surveyed Section -- , Township -- , Range -- , 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 perpetuated 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. Subscribed and sworn to before me this Elat min schries July 1,1917 holary Public

CROCK NATIONAL FOREST

ARIZONA

Chains Applicant for listing, Frank Mark; Application No. 193. dated August 9, 1911; List No. 3-1825, dated April 4, 1912; H. E. No. 022075, made by Frank Mark at Phoenix. 7.88 Surveyed under special instructions from the Surveyor 37.3 General for Arizona, dated October 30, 1913, and designated as Homestead Entry Survey No. 112. Situated in unsurveyed T. 1 S., R. 15 E., G. & S. R. B. and Meridian, in what will probably be, when surveyed, Secs 15% | 6within the Crook National Forest, Arizona. Listed under the Act of June 11, 1906, and survey authorized by the Acts of June 11, 1906 and March 4, 1913. 7.88 Survey commenced January 8, 1914, and executed with a 42.3 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 -sh en ideclination ares. o druming edt ito mast oals I The instrument was examined, tested, and all necessary adjustments made to the levels, line of collimation. stadia interval and solar attachment. The distances were measured on the slope, and reduced to the horizontal, with a 400 link steel tape and a Philadelphia stadia rod with double targets, the rod being graduated to read in feet and hundredths and target verniers to thousandths. January 8, 1914: nimes January 7, 1914 at no 112 ° 28 bas ous . look edt

I observe Polaris in accordance with instructions at 9 h. 00 m. p.m., l.m.t., at cor. H-5 of the List survey. which is a granite stone 12 x 6 x 12 ins. above ground, marked and witnessed as described by the Forest Service.

CROOK NATIONAL FOREST

ARIZONA

Chains and mark the line thus determined by driving a tack
in a stake set 6.00 chs. north of my station.
Astron 1.m.t. obsn. Jan. 7, 1914 9 h 00 m
Astron. 1.m.t. U. O. Pol. Jan. 7, 1914 6 h 22.7
Hour Angle Pol. at obsn. 19978. 10 10 10 27 37.3
-sizeb bas . Azimuth of Pol. at obsn 00 530 W.
nated as Homestead Entry Survey No. 112.
.a January 8, 1914: A B . T be vevrusau at betsuting
At 6 h. 05 m. a.m., l.m.t., I again observe Polaris in
accordance with instructions at cor. n-5 of the List
-Todding vegurvey, heretofore described. A edd Tebus beteld
.8101 .4 doAstron 1.m.t. obsn. Jan. 7, 1914 18 h. 05 m
Astron. 1.m.t. U.C. Pol. Jan. 7, 1914 6 22.7
Hour Angle Pol. at obsn
, adeal . M Azimuth of Pol. at obsn
edt :tnemdestts reles bud Burt soller attschment; the
I turn off the azimuth 0° 06' to the E. and mark the
line thus determined with a tack in a stake set firmly
in the ground 6.00 chs. north of my station.
I also turn off the azimuth 9° 53' E. from the line de-
termined by Polaris observation on January 7, and the
meridian thus determined differs 0° 00' 34" from the
meridian determined by Polaris observation on January
8, 1914. I mark the mean of the two lines for the
meridian, by a tack in a stake set firmly in the ground
gaind 6.00 chs. north of my station.
graduated to read in feet and hundredths and target
January 8, 1914: • addings word of Steinter
At 8 h. 00 m. a.m., 1.m.t., I set off 22° 15' S. on
the decl. arc and 33° 21' on the lat. arc and determine
a meridian with the solar at cor. H-5 of the List sur-
vey, heretofore described, and my line of sight falls
upon the tack in the stake set 6.00 chs. north of my

station. Therefore I conclude that my transit is in

Chains Thence S. 87º 23' W.

O.20 Tence, beers M. 60° W. and S. 60

TESCROOK NATIONAL FOREST

ARIZONA

Ascend along NW. alope 50 ft. in undergrowth.

set a schist stone 24 x 8 x 5 ins. 14 ins. in t

Chains

satisfactory adjustment.

January 8, 1914:

At 8 h. 30 m. a.m., 1.m.t., I set off 22° 16' S. on the decl. are and 33° 21' on the lat. are and determine a meridian with the sclar at U. S. L. M. No. 110 H. E. S., which is a conglomerate stone 20 x 10 x 12 ins. above ground, marked and witnessed as described by me in the field notes of H. E. S. No. 110.

Thence S. 87° 50' W. on a true line.

CIOSS

-seb I

101.36 Cor. H-5 of the List, which is also cor. H-3, H. E. No. 022730, Peter Osterman, unsurveyed H. E. S. No. 128, heretofore described. Therefore U. S. L. M. No. 110 H. E. S. bears N. 87° 50' E. 1 mile 21.36 chs. dist. from cor. No. 1 of this survey. A juniper 6 ins. dis. bears W. 69° 50' H.

> I destroy all trace of this List cor. which refers to this claim, and at this point I set a granite stone 25 x 10 x 6 ins. 15 ins. in the ground, over a small stone marked with a cross (+) for cor. No. 1 of this survey, marked 1-HES112 on the W. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high W. of cor. from which, An oak 5 ins. dia. bears N. 87° 04' W. 89 lks. 10.30 To cor. No. dist. marked 1 H E S 112 B T.

An cak 4 ins. dia. bears N. 46° 28' W. 64 lks. dist. marked 1 H E S 112 B T

marked and witnessed as described by the Porest

I observe the magnetic declination at cor. No. 1 of this survey to be 14° 06' E. at 9 h. 00 m. a.m., 1.m.t., which reduced by Table G, Manual of 1894, Diurnal Variation in Magnetic Declination, gives a mean magnetic from wildh, declination of 14° 04' E. Long. 110° 46' 37" W.as obtained from instructions from The Surveyor General.

TECROOK NATIONAL FOREST

Chains	Thence S. 37° 23' W Jnemteuthe varietists . sniedd
	Ascend along NW. slope 50 ft. in undergrowth.
0.20	Fence, bears N. 60° W. and S. 60° E. 101 ,8 Yragnat
	Fence, bears NW. and SE.
42.44	To cor. No. 2. tel edt no '13 °68 bas era . feeb
. B. B.	Identical with cor. H-4 of the List survey, which is a
evods	granite stone 10 x 4 x 10 ins. above ground, marked and
in the	witnessed as described by the Forest Service. I des-
	troy all trace of this list cor. and at this point I
	set a schist stone 24 x 8 x 5 ins. 14 ins. in the
guerage con a refer to a congress described	ground, over a small stone marked with a cross (+) for
. No.	face: and raise a mound of stone 2 ft. hase 1-1/2 ft.
128,	face; and raise a mound of stone 2 ft. base, 1-1/2 ft.
0.010	high N. of cor. from which
.jail	An oak 4 ins. dia. bears N. 55° 10' W. 59 lks.
	dist. marked 2 H E S 112 B T
	A juniper 6 ins. dia. bears N. 69° 50' E. 103
	1ks. dist. marked 2 H E S 112 B T
	Thence N. 26° 45' W. Thence N. 26° 45' W. Thence N. 26° 45' W.
911	Descend NW. slope 25 ft. to creek.
5.75	Kelner Creek, 90 lks. wide, course N. Ascend SE. slope
	OF ft to com
7.95	score a Tt. Dase, 1-1/2 It. high W. of dor. from
10.30	Road, bears N. and S. 1 08 .W '40 278 .W arsed .Bib .ani d xso ma
	dist. merked L H E S 112 B T.
ka.	Identical with cor. H-3 of the List survey, which is a
	granite stone in place 8 x 12 x 10 ins. above ground,
	marked and witnessed as described by the Forest Service
27-14-5	I destroy all trace of this list cor. and mark a cross
ARALLIU A	(+) at the apex of the same stone for cor. No. 3 of
	this survey and 3-HES112 on the E. face; and raise a
	mound of stone 2 ft. base, 1-1/2 ft. high E. of cor.
nagnetic	from which
100000000000000000000000000000000000000	declination of 14° 04' E.
	moifourtA holly 46 inst dia. bears S'. 37° 16'. W. 105 lks.

TO CROOK NATIONAL FOREST

Chains	ni .sai dist. marked 3 H E S 112 B T aremolgano anisab
rol (+	No other bearings available. Pits impracticable.
ag ag.	Cor. No. 5 of this survey, marked 5-HESILS on th
/8 66.	Thence N. 43° 54 E. to broom a saist bis ; seaf
	Descend 25 ft. to ravine. or to to the dain
11.70	Ravine, course SE. Ascend 10 ft. to cor.
17.10	To cor. No. 4 man, man. 4 con . ros of
	Identical with cor. H-2 of the List survey, which is an
.eidsbi	imbedded granite boulder 6 x 5 x 4 ft. above ground,
	marked and witnessed as described by the Forest Service.
	I destroy all trace of this list cor. and mark a cross
	(+) on the apex of the same boulder for cor. No. 4 of
	this survey, and 4-HES112 on the SE. face; and raise a
.EN oar	mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor.
	from which,
.gni	Across (+) on an imbedded granite boulder
	. 5 x 4 x 4 ft. above ground, marked 4 H E S 112
	B R bears N. 4° 59' E. 12 lks. dist.
	.SII . No other bearings available. Pits impracticable.
seres 8	TR
	Note: The sun was obscured at apparent noon, therefore
	a latitude observation was not possible.
alms	The improvements made upon and for the benefit of
tosat	Thence N. 36° 001 E. of gaigne led bas bastsemed
	Descend 25 ft. to cor. along SE. slope. Mered
0.25	Pence, bears NW. and SE: al asund next the emerit A
19.90	Fence, bears NW. and SE. and Das . B bas . H aread
19.94	To cor. No. 5 rom cor. from cor d. or
00.00	Identical with cor. H-1 of the List survey, also cor.
ares	H-2, H. E. No. 022730, Beter Osterman, unsurveyed H. E.
TE. M.	S. No. 128, which is a granite stone 12 x 8 x 10 ins.
	above ground, marked and witnessed as described by the
1200	Forest Service I destroy all trace of this list cor.
50.00	" Total and the control and the control of the cont

HOMESTEAD ENTRY SURVEY NO.112 MICH

TO CROOK NATIONAL FOREST

Chains	conglomerate stone 24 x 10 x 8 ins. 14 ins. in the
osble.	ground, over a small stone marked with a cross (+) for
2 2	Cor. No. 5 of this survey, marked 5-HES112 on the SE.
	face; and raise a mound of stone 2 ft. base, 1-1/2 ft.
	high SE. of cor. from which, of .12 32 5000000
	A.cross (+) on an imbedded schist stone 48 x 36
	x 10 ins. above ground, marked 5 H E S 112 B R
n is an	oldw , vev bears is. 27° 244'-E105 lks. distinabl
and,	No other bearings available. Pits impracticable.
	marked and witnessed as decoribed by the Forest
BBOTO	Thence S. 60% 15% E. widt to about fis youtest I
4 of	. Descend 35 ft. along SE. slope to creek. (+)
	Road, : bears .NE. and Sw. 1123 - 4 bas . yev mrs sint
	Kelner creek, 40 lks. wide, banks 2 ft. high, course NE.
	Ascend 25 ft. to cor
7.88	To cor No. 1 of this survey, the place of beginning.
	A H & bewism . Shuorg eveds . It January 8. 1914.
	B R bears M. 4° 59' E. 12 1ks. dist.
. afdaa	itosagai adArea. of Homestead Entry Survey No. 112.
	Total Area
erote	Note: The sun was obscured at apparent noon, ther
	.eldisaog ton salmprowements; sautital a
	The improvements made upon and for the benefit of this
	homestead and belonging to Frank Mark, the claimant
	herein, consist of the following: da bassact
	A frame chicken house 16 x 20 ft. the long side of which
	bears N. and S. and the NE. cor. of which bears S. 100
	30' W. 11.80 chs. dist. from cor. No. 5 of this survey.
100.0	osis, yeven teid and Walte . or . with . or . sist answey, sist
	A tent house 12 x 14 ft. the long side of which bears
	N. and S. and the NE. cor. of which bears S. 10 15' W.
	11.60 chs. dist. from cor. No. 5 of this survey.
. TOD TE	if sint to esent fle value
s tes	which refers to this claim, and at this point I

23

CROOK NATIONAL FOREST

ARIZONA

Chains

A well 4 x 4 x 64 ft. deep the center of which bears so S. 5° 30° W. 10.80 chs. dist. from cor. No. 5 of this survey.

Value \$500.00

A frame house 14 x 16 ft. the long side of which bears

N. and S. and the NW. cor. of which bears S. 1° 00° W.

12.00 chs. dist. from cor. No. 5 of this survey.

Value \$150.00

General Description

This claim is located on Kelner Creek at an elevation of approximately 3,900 ft. and is chiefly valuable for intensive farming and stock raising. No evidence of mineral appears upon this claim and the soil is a sandy loam which produces any crop raised in the temperate zone.

Globe postoffice and Arizona Eastern Railway station is 3-1/2 miles in a northeasterly direction.

Conflicts and Adjoining Claims

This claim is joined on the NE. by H.E. No. 022730,

Peter Osterman, unsurveyed H. E. S. No. 128.

				1	Traver	se			
	Bearing		Distan		Latitude N S		Departure E		
S. N. N.	37° 26° 43° 36° 60°	23' 45' 54' 00' 15'	W. W. E. E.	42.44 10.30 17.10 19.94 7.88	9. 12. 16.		33.72	11.86 11.72 6.84	25.77 4.64
				97.66	37. 37.		37.63	30.42	30.41
Err	cor :	in L	at.	and Dep.	1.	02		.01	
Cl	osin	g Er:	ror	1:4368					

Forest Service Surveyor

24

TERROT ANATIONAL FOREST

ARIBOHA

ains :	The state of the s		neo ent de	ed it. de	A well 4 x 4 x
	do a .or	om cot. T	m .telb .	10.80 obs	S. 5° 30' W.
					*Kealns
00.00	8		91	Vel	
arasc	which i	to obta	onof end .	14 x 16 ft	A frame house
.W 100	8 8. 10	ich bear	ow to . wo	d the WW.	is .E Bus .E
	Ye valle	eint to	er. No. 5	ist. from.	12.00 chs. d
00.08	16		00	Isy	
		ption	ral Descri	Gene	
tion of	avele n	sek at a	Melner Or	located on	at misfo side
for	eluz bl e	biefly v	o el bas .	373,900 76	epproximatel
to son	o eviden	ing. V	stock rais	rming and	intensive fa
8	at fios	and the	mis io sin	ers upon th	mineral appe
-maj s	d in the	op ralse	ses any ar	ulen produ	sandy loam w
					enos etsteg
al noi	ey stat	en Reilw	zona Raste	ita bna so	Globe postoffi
	*	irection.	b virejese	in a north	3-1/2 miles
			A SECURIT AND A SECURIT ASSESSMENT OF THE PROPERTY OF THE PERSON OF THE	COLUMN TO THE PROPERTY OF THE PARTY OF THE P	
	emi	ning Clas	lotha has	Conflicts	
.(This claim is
	. 02272	H.H. No.	the IM. by	joined on	This claim is
,	. 02272	H.H. No.	the IM. by	joined on	
	. 02272	H.H. No.	the IM. by	joined on	
	. 02272	H.R. NO. 3. NO. 3	the MR. by	joined on to	
ture 25.7	. 02273	H.H. No. 3. No. 1	the ME. by	joined on to some and the some	Peter Ostern Beering S. 379 23' W.
ture 25.2	. 02273 128. Depsi	H.H. No. 1 S. No. 1 tude	the MR. by eyed H. E. Craverse Mr. 12.52	joined on temper on the service of t	Peter Ostern Besring S. 376 23' W. H. 266 45' W. H. 430 54' E.
ture 25.7	. 02273	H.H. No. 1 S. No. 1 tude	the MR. by oyed H. E. Traverse Traverse M	joined on to so. Brater Dister 10.50	Peter Ostern Besring S. 374 23' W. H. 26' 45' W.
4.68 25.7	. 02878 128. Depsi 11.78	H.H. No. 18. N	the MR. by eyed H. E. Craverse Mr. 12.52	joined on the same of the same	Peter Ostern Besring S. 37º 23' W. M. 26º 45' W. H. 43° 54' E. H. 45° 56' E.
:ture 25.7	128. 128. 11.86 11.78 6.84	H.H. No. 1 Stude 3 SS. 78	the ME. by eyed H. E. Trawerse Mee Lati Mee 12.52 16.13	joined on the service of the service	Peter Ostern Besring S. 37º 23' W. M. 26º 45' W. H. 43° 54' E. H. 45° 56' E.
4.68 25.7	. 02273 128. Depsi 11.72 11.72 5.84	H.H. No. 1 Stude 3 SS. 78	the MR. by eyed H. E. Eyed H. E. Eyerse 12.52 18.52 18.52 18.52 27.65	joined on the same of the same	Resring S. 374 23' W. H. 264 48' W. H. 450 54' E. E. 260 00' E. S. 609 15' E.

8-2349

31 6.8 = area 9 0109 118257 E 21633 3 DIRECTIONS.—1. Carry out the area nacres to three decimals, and all other calculations to two decimals only.

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

2. In balancing Lat. and Dep. do not obliterate or change the original figures:

3. In 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 langths of the lines.

3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O. S. AREAS. 10 4269 al 0 79 N -N. AREAS. 4 0 N mark st 8 8. 1. 464 3544 0 3506 5400 DOUBLE M. D. 00 67 12 2 2 3042 404 3041 WEST. DEPARTURES. 9 ed 3048 4 - -00 4-669 EAST. ال ال ال ال 0 9 3 LATITUDES m ed 68 NORTH. -TABLING AND CALCULATIONS OF 0 30 4 0 0 0 DISTANCE. ω 0 4 0 0 8 34° 23' 94 COURSE No. 96-9

APPROVAL

Office of the United States Surveyor General,
Phoenix, Arizona,
December 10, 1914.

The foregoing field notes of Homestead Entry Survey No.
112
Frank Mark
executed by Walter G. Turley, Forest Service Surveyor,
executed by warrend. Idited, porest outveyor,
under his special instructions, datedOctober_30,, 191 3,
having been critically examined, and the necessary correc-
tions and explanations made, the said field notes, and the
surveys they describe, are hereby approved.
Thank Schraells U. S. Surveyor General.
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 S. Ingalls,
S-2349 U. S. Surveyor General.