U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

MAI.7- 1917

[OVER]

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 425

SITUATED IN THE

TONTO

NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 24, unsurveyed, Township 101 N. Range 12 E.

In Section 34 , unsurveyed, Townshio 11 N., Range 12 E.

of the

Gila and Salt River Base & Meridian.

State of

ARIZONA

Applicant for listing R. B. Baker, Residence Payson, Arizona. Application No. 323 , dated July 2 , 1912 , dated List No. 3-2044 September 5 , 1912 Applicant for survey Thomas L. Haught, Residence Payson, Arizona. H. E. No. 022456 May 17 , 193 V , dated Office Land District Phoenix, Arizona

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

Under special instructions dated September 23 , 1915

Survey commenced May 6 , 1916

Survey completed May 8 , 1916

Under Acts of June 11, 1906 and March 4, 1915.

OATH O	F ASSISTANTS
	isted P PA Johnson
We hereby certify that we ass:	isted (). Somewhat all those
Surveyor Tra	ftorman in surveying all those
	try Survey No. 425, in the State
	epresented in the following field notes
as having been surveyed by him and	d under his direction; and that said
survey has been in all respects,	to the best of our knowledge and
belief, well and faithfully surve	yed, and the corner monuments estab-
	ions furnished by the United States
Surveyor General for frigona	
The state of the s	47/
Note: It would have been	Chainman, Chainman
very expensive and incon-	
venient to appear before an	
officer to administer oaths	Cha inman
to Assistants; hence, they were taken by the Surveyor.	A Marie Co. of the Inner of the Contract of th
were taken by the burveyor.	
	est may the copy a long still
Subscribed and sworn to befor	e me this twenty seventh day of
pubbolibod and sworm to botton	
May, 1916	· PPALL
O AM	1 Amson
	N/ AA
	Surveyor Haftoman
O A MIL	OF SURVEYOR
I CP PA Johnson	on, Surveyor Fraftsman
1, 01. J. J. Jornio	[Forest Service Title.]
do solemnly swear that, in strict	conformity with the special instruc-
	or General for Auzona, dated
	laws of the United States, I have
	y own proper person, surveyed a tract
of land embraced in	
List . No 3-204	under the Act of under the Act of 425, for 425, the survey No. 425
tratent.	under the Act of fine //, 1906,
the same to be known as Homestead	Entry Survey No. 425
situated within the Jon	National Forest, in.
Unsurveyed Section 34, To	wnship $//N$, Range $/2E$, and
Unsurveyed Section 24 , To	wnship 10 = N, Range 12 E,
· SKOS PLA . ROS T	
5 +12 Gila and Salt Thom Brown	Ameridian, Arizona, and the
	s and section subdivisions, which are
	d notes as having been surveyed by me;
	all the corners of said survey have
	in strict accordance with the stated
	specific manner described in the field
notes, and that the following are	the original field notes of such
survey.	
EDT. If water	(A. A. Athurou
DISTRICT OF COLUMBIA	l X
CITY OF WASHINGTON	Surveyor Drastoman
	[Forest Service Title.]
Subscribed and sworn to befor	e me this twelfth day of
	000,200,000
January , 1917.	1
	Sylvester L. M. Lawin,
Commission expires June 20, 1918.	
8—2349	NOTARY PUBLIC, D. C.

STATE OF ARIZONA

Chains

Applicant for listing, R. B. Baker; Application No. 323, dated July 2, 1912; List No. 3-2044, dated September 5, . 1912; H. E. 022456, made in the Phoenix Land Office on

. May 17, 1913 by Thomas L. Haught.

Surveyed under special instructions from the Surveyor General for Arizona, dated September 23, 1915 and designated as Homestead Entry Survey No. 425.

Situated in what will probably be, when surveyed, secs. . 24 and 34, Ts. 10-1/2 and 11 N., R. 12 E., Gila and Salt River Base and Meridian, Tonto National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and March 4, 1915.

Survey commenced May 6, 1916 and executed with a Buff . and Buff transit equipped with Smith solar attachment. I test the adjustments of the transit and make necessary · corrections.

All distances are horizontal and were reduced from measurements made directly on the slope with a 500 link steel tape. The slope angles were determined with a clinometer.

May 6, 1916, p.m.

I observe Polaris for azimuth at cor. No. 1. The read-. ing on the reference object East of star is set at zero. My watch is set for local mean time. Lat. 34° 17' 23" N., Long. 111° 03' 50" W., from the special instructions from the Surveyor General.

Telescope Time Horizontal Angle Direct · 5h. 57m. 00s. 13° 21' 00"

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains'

1.m.t. of obsn., May 6, 1916, p.m. 5h. 57.0m.

Greenwich m.t. U.C. Pol., May 6, 1916, 10h. 33.0m.

insoft ent hi som, dasso, . . . 7h. 24.0m.

Long. Correction, 01.2m.

Hour angle Polaris at obsn., 7h. 25.8m.

Azimuth of Polaris, 1° 16' 42" W. 25.2

. Bearing of reference object, N. 12° 04' 18" E.

I again observe Polaris for azimuth at, cor. No. 1. reading on the reference object East of star is set at zero.

Telescope , I Time Time Horizontal Angle

Reversed 6h. 02.8m.

13° 20' 30"

1.m.t. obsn., May 6, 1916, p.m. 6h. 02.8m.

Greenwich m.t. U.C.Pol., May 6,1916,a.m.10h. 33.0m.

7h. 29.8m.

Long. Correction, Ol.2m.

. Hour angle Polaris at obsn.,

7h. 31.0m.

Azimuth of Polaris, 1° 15' 48"

Bearing of reference object, N. 12° 04' 42" E.

The mean of the two observations is N. 12° 04' 30" E., and to the corresponding meridian all the courses of this survey are referred.

May 6, 1916. RETRACEMENT

From cor. for secs. 34 and 35, T. 11 N., R. 12 E., also Boundary Post No. 19 Black Mesa Forest Reserve, which is an iron post in mound rock marked and witnessed as described by the Surveyor General.

Thence West.

On random along S. bdy. sec. 34.

39.96 Fall 8 lks. South of 1/4 sec. cor. on S. bdy. of sec.

STATE OF ARIZONA

Chains

34, which is a quartzite stone 12 x 8 x 8 ins. above ground, marked and witnessed as described by the Surveyor General.

Thence S. 89° 53' E.

On true line along South boundary Sec. 34.

39.96

Car. for secs. 34 and 35, heretofore described.

: May 6, 1916.

BOUNDARIES, OF CLAIM

May 7, 1916.

Beginning at cor. No. 1 and C. C. on S. bdy. sec. 34.

Deposit broken glass 14 ins. in the ground, over which set a diorite stone 24 x 10 x 8 ins., chiseled + for the point, 1 - H E S 425 on W. face and C C on N. face; and raise a mound of stone 4 ft. base, 3 ft. high N. of cor., whence:

dist., scribed 1 H E S 425 + B T.

T.IIN. R. 12 E.

Cor. for secs. 34 and 35,/heretofore described,

1/4 sec. cor. on South bdy. sec. 34, heretofore described, bears N. 89° 53'. W., 36.45 chs. dist.

Lat. 34° 17' 23" N., Long. 111° 03' 50" W., from special instructions from the Surveyor General.

bears S. 89° 53! E., 3.51 chs. dist.

Mag. var. at 3:00 p.m. 14° 30' E. Mean Mag. Var. 14° 32' E.

Thence S. 2° 03' E.

Ascend 60 ft. along steep West slope in brush and timber to cor.

19.77 To

To cor. No. 2.

Ident the cor. H-1 of the list survey, which is a x 6 x 10 ins. above ground, marked and

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

witnessed as described by the Forest Service. I destroy all trace of this cor. Deposit a granite stone $4 \times 4 \times 4$ ins. marked with a +, .14 ins. in the ground, over which set a granite stone 24 x 12 x 10 ins., chiseled + for the point and 2 - H E S 425 on NW. face; and raise a mound of stone 3 ft. base, 2 ft. high, NW. of cor., whence:

An oak, 4 ins. dia., bears S. 17° 10' E.,

14 lks. dist., scribed 2 H ES 425 + B T.

An oak, 12 ins. dia., bears S. 67° 24' W.,

58 lks. dist., scribed 2 H E S 425 + B T.

Thence N. 89° 02' W.

Descend steep West slope 110 ft. to creek, in brush and timber.

- 2.70 Fence cor., fence bears NNE. and along line.
- 3.50 Leave brush and descend gradually to creek.
- 6.20 Fence cor., fence bears N. . Leave fence.
- 6.30 . Trail bears N. and S.
- 6.65 Left bank Tonto Creek, 4 ft. high, course S.
- 7.73 Right bank Tonto Greek, 4 ft. high, course S. Ascend steep East slope 60 ft. in timber to cor.
- 9.80 Road bears .NNE. and SSW.

Identical with cor. H-2 of the list survey, which is a granite stone 18 x 8 x 8 ins. set on top of a granite boulder 3 x 3 x 3 ft. above ground, marked and witnessed as described by the Forest Service. I.destroy all trace of this list cor. Chisel a + on top of a granite boulder in place 3 x 3 x 3 ft. above ground, and 3 - H E S 425 on NE. face; and raise a mound of stone 4 ft. base, 3 ft. high, NE. of cor., whence:

An oak, 9 ins. dia., bears , 12 lks.

dist., scribed 3 H E 9

STATE OF ARIZONA

Chains

34, which is a quartzite stone 12 x 8 x 8 ins. above ground, marked and witnessed as described by the Surveyor General. .

Thence S. 89° 53' E.

On true line along South boundary Sec. 34.

Cor. for secs. 34 and 35, heretofore described. 39.96

: May 6, 1916.

BOUNDARIES, OF CLAIM

May 7, 1916.

Beginning at cor. No. 1 and C. C. on S. bdy. sec. 34. Deposit broken glass 14 ins. in the ground, over which set a diorite stone 24 x 10 x 8 ins., chiseled + for the point, 1 - H E S 425 on W. face and C C on N. face; and raise a mound of stone 4 ft. base, 3 ft. high N. of cor., whence:

> An oak, 18 ins. dia., bears N. 81° 45' W. .25 lks. dist., scribed 1 H E S. 425 + B T.

An oak, 8 ins. dia., bears S. 18° W., 8 lks.

dist., scribed 1 H E S 425 + B T.

Cor. for secs. 34 and 35,/heretofore described, . bears S. 89° 53! E., 3.51 chs. dist.

1/4 sec. cor. on South bdy. sec. 34, heretofore described, bears N. 89° 53' W., 36.45 chs. dist.

Lat. 34° 17' 23" N., Long. 111° 03' 50" W., from special instructions from the Surveyor General.

Mag. var. at 3:00 p.m. 14° 30' E. Mean Mag. Var. 14° 32' E.

Thence S. 2° 03' E.

Ascend 60 ft. along steep West slope in brush and timber to cor.

19.77 To cor. No. 2.

> Identical with cor. H-1 of the list survey, which is a granite stone 8 x 6 x 10 ins. above ground, marked and

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

witnessed as described by the Forest Service. I destroy all trace of this cor. Deposit a granite stone $4 \times 4 \times 4$ ins. marked with a +, .14 ins. in the ground, over which set a granite stone 24 x 12 x 10 ins., chiseled + for the point and 2 - H E S 425 on NW. face; and raise a mound of stone 3 ft. base, 2 ft. high, NW. of cor., whence:

An oak, 4 ins. dia., bears S. 17° 10' E.,

14 lks. dist., scribed 2 H ES 425 + B T.

An oak, 12 ins. dia., bears S. .67° 24' W.,

58 lks. dist., scribed 2 H E S 425 + B T.

Thence N. 89° 02' W.

Descend steep West slope 110 ft. to creek, in brush and timber.

- 2.70 Fence cor., fence bears NNE. and along line.
- 3.50 Leave brush and descend gradually to, creek.
- 6.20 Fence cor., fence bears N. . Leave fence.
- 6.65 Left bank Tonto Creek, 4 ft. high, course S.
- 7.73 Right bank Tonto Greek, 4 ft. high, course S. Ascend steep East slope 60 ft. in timber to cor.
- 9.80 Road bears .NNE. and SSW.
- .10.04 . To cor. No. 3.

Identical with cor. H-2 of the list survey, which is a granite stone 18 x 8 x 8 ins. set on top of a granite boulder 3 x 3 x 3 ft. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Chisel a + on top of a granite boulder in place 3 x 3 x 3 ft. above ground, and 3 - H E S 425 on NE. face; and raise a mound of stone 4 ft. base, 3 ft. high, NE. of cor., whence:

An oak, 9 ins. dia., bears N. 72° h., 12 lks.
dist., scribed 3 H E & 425 + B T.

STATE OF ARIZONA

An oak, 5 ins. dia., bears N. 32° 15' E., 10 Chains lks. dist., scribed 3 H E S 425 + B T. Ascend 10 ft. to ridge in timber. 0.90 Descend 10 ft. along steep East slope, in Top ascent. brush and timber to cor. 1.00 Road bears NW. and SSE. . 104 008 Cor. No. 4 and C. C. on S. bdy. sec. 34. 19.65 Deposit broken glass 14 ins. in the ground, over which set a sandstone 24 x 10 x 8 ins., chiseled + for the point, 4 - HES 425 on E. face, and CC on S. face; and raise a mound of stone 3 ft. base, 2 ft. high, S. of cor., whence: An oak, 6 ins. dia., bears N. 46° 15' W., 14 lks. dist., scribed 4 H ES 425 + BT. A pine, 20 ins. dia., bears S. 81° 00' E., 59 lks. dist., scribed 4 H E S 425 + B T. 1/4 sec. cor. on S. bdy. of sec. 34 brs. N. 89° 53' W.26.48 chs. Thence N. 1° 54' W. Along steep East slope, descend 30 ft. to arroyo, in brush and timber. Arroyo, 20 lks. wide, 1 ft. deep, course E. 46.50 Thence along foot of East slope to cor. 60.21 To cor. No. 5. Identical with cor. H-3 of the list survey, which is a sandstone 10 x 4 x 3 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit broken glass 14 ins. in the ground, over which set a diorite stone 24 x 14 x 6 ins., chiseled + for the point and 5 - H E S 425 on SE. face; and raise a mound of stone 4 ft. base, 3 ft. high SE, of cor., whence: .

HOMESTEAD ENTRY SURVEY NO. 425 TONTO NATIONAL FOREST STATE OF ARIZONA

Chains

An oak, 12 ins. dia., bears S. 84° 53' E.,

17 lks. dist., scribed 5 H ES 425 + B T.

An oak, 8 ins. dia., bears S. 11° 32' W.,

34 lks. dist., scribed 5 H E S 425 + B T.

. May 7, 1916.

May 8, 1916.

Thence S. 89° 46' E.

Over level land in brush to creek.

1.70 Right bank Tonto Creek, 20 ft. high, course SSW.

3.45 Left bank Tonto Creek, 20 ft. high, course SSW. Ascend steep West slope 110 ft. in brush to cor.

9.75. To cor. No. 6.

A granite stone 10 x 4 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit broken glass 14 ins. in the ground, over which set a granite stone 24 x 8 x 6 ins., chiseled + for the point and 6 - H E S 425 on Sw. face; and raise a mound of stone 3 ft. base, 2 ft. high Sw. of cor., whence:

An oak, 6 ins. dia., bears N. 83° 09' W.,

44 lks. dist., scribed 6 H E S 425' + B T.

A juniper, 10 ins. dia., bears N. 42° W.,

39 lks. dist., scribed 6 H E S 425' + B T.

Thence S. 2° 03' E.

Descend 30 ft. to ravine in brush.

1.35 Ravine, course W. Ascend 20 ft. along West slope.

5.70 Top ascent. Descend 100 ft. along steep brushy West slope to arroyo.

59.00 Arroyo, 20 lks. wide, 1 ft. deep, course SW. Ascend
30 ft. to cor. in brush and timber.

0_2340

STATE OF ARIZONA

Chains 60.18

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

-----AREA--

Area in Sec. 24 - - - - - - - - - - - - - 19.70 acres

Area in-Sec. 34----- - - - - - - - 59.28 acres

Total Area - - - - - - - - - - - 78.98 acres

IMPROVEMENTS

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

A frame house, 26 x 26 ft., sides extending in cardinal directions, the SW. cor. of which bears N. 13° 38' W., 17.27 chs. dist. from cor. No. 2.

Value ----- \$300.00

A frame barn, 40 x 16 ft., the long sides of which bear NE. and SW. and the W. cor. of which bears N. 14° W., 19.06 chs. dist. from cor. No. 2.

Value ----- \$ 75.00

A frame smoke house, 10 x 6 ft., the long side of which bears N. and S., and the SW. cor. of which bears N. 14° 34' W., 18.21 chs. dist. from cor. No. 2.

Value ----- \$ 25.00

A frame tool house, 12 x 6 ft., the long sides of which bear E. and W. and the SW. cor. of which bears N. 13° 29' W., 18.05 chs. dist. from cor. No. 2.

Value ----- \$ 25.00

A frame outhouse, 18 x 6 ft., the long sides of which bear N. and S. and the SW. cor. of which bears N. 12° W., 18.10 chs. dist. from cor. No. 2.

Value ----- \$ 25.00

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains

A frame chicken house, 12 x 6 ft., the long sides of which bear E. and W. and the SE. cor. of which bears N. 12° 23' W., 16.37 chs. dist. from cor. No. 2.

Value ----- \$ 25.00

There is-approximately-1-mile of-fence.

8150.00 value ----- \$150.00

DESCRIPTION

This claim is situated in bottom of 100 ft. canyon on Tonto Creek. It consists of three small patches of level bench land along the creek, rough rocky creek bottom, and steep timbered East and West slopes.

The timber consists of pine, pinon, juniper and oak, covering the entire tract except three cleared areas on bench and creek bed. Only a small per cent is pine, and the remainder has commercial value only as

The bench land, 30 to 50 ft. above creek, is a black loam soil, which in Southern portion is mixed with small gravel -- It is fertile and is producing good crops. The soil on the remainder of the area is rocky, shallow and non-agricultural.

Water for irrigation and domestic use is supplied by Tonto Creek.

There are approximately 10 acres in cultivation. . I saw no indication of mineral upon the claim.

-----CONFLICTS AND ADJOINING CLAIMS

There are no conflicting or adjoining claims.

Payson, Arizona, the nearest post office and commercial center, is 25 miles to West, and is reached by fair , wagon road . ----

TONTO NATIONAL FOREST

STATE OF ARIZONA

Chains	TRAVERSE	entedo				
	Sec. 24, T. 10-1/2 N., R. 12 E.					
	Cor. Course Dist. N S E	W				
	1-2 S. 2° 03' E. 19.77 19.76 0.71					
	2-3 N. 89° 02' W. 10.04 0.17	0.04				
	3-4 N. 1° 54' W. 19.65 19.64	0.65				
1	4-1 S. 89° 53' E. 9.97 0.02 9.97					
	19.78	0.69				
	Error in Lat. and Dep03	.01				
	Closing error, 1:1879.					
	Sec. 34, T. 11 N., R. 12 E.					
	Cor. Course Dist. N S E	M				
	1-4 N. 89° 53' W. 9.97 0.02	9.97				
	4-5 N. 1° 54' W. 60.21 60.18	2.00				
	5-6 S. 89° 46' E. 9.75 0.04 9.75					
		1.97				
	Error in Lat. and Dep. 60.18 1	.07				
	Closing error, 1:1924.					
	Survey completed May 8, 1916.					

Surveyor Draftsman

Form 85 Sheet No. 2

HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

	TATE OF		
Chains	THE STATE OF THE S	entsio	
	800. 84, T. 10-1/8 H. H. 12 B. A. L.		
TO.	dor. dourge Dist. H S &		
	1-2 a. 2° 03' a. 19.97 19.76 0.71		
20.0	E-E H. 89° CE' W. 10.04 0.17		
aa.c	6-4 1. 1° 54' W. 19.65 19.64		
	70.8 80.0 70.8 .2 188 988 .2 I-N		
ea.c	89,01 8V.81 18.81 34.88		
10.	Seror in lat. and Dep		
	Clouing seror. 1:1879.		
	Bed. 20, T. 11 N., F. 12 B.		
	Sor. Opprise Dist. H 3 1		
46*6	1-4 H. 69° 68' W. 9.97 0.08		
80 * 3	4-b N. 18 84' W. 60.81 60.18'		
	8-0 8. 89° 86' W. 9. 75 C. O.		
Tye.I	6-1 3. 8° 08' 3. 60.18 60.20 60.18 11.90 1		
08.1	Error in Let. and Dep08		-
*			
	Olosing error, 1:1984.		
	Survey completed May 8, 1916.		
1180	Surveyor - Drafte		
			-

8-2349

Drections.—I. Can't you be considered on the control of the original figures.

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

2. In balancing Latitudes and Departures 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.

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.

Acres. Acres. 19 70 408 45 0 20 394 08 408 65 14 57 0 39 118 81 05 28 1304 44 S. AREAS. 1304 59 76 81 57 28 53 N. AREAS. 81 12 14 0 118 118 Arizona. D. DOUBLE M. 54 65 26 06 97 68 11 80 0 6 13 0 21 日日 STATE 0000 99 69 9 6901 田 WEST. 97 10 R. 12 0 TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 425, 10 0 0 DEPARTURES. E T. 10-1/2 N. B 72 10 68 15 97 EAST. 06 pri 0 6 11 N 02 78 SOUTH. H 140 18 19 19 24. 0 61 34 09 0 09 LATITUDES. Sec. Sec. 17 643 81 020 NORTH. 6109 20 19 0 19 101 0 09 09 DISTANCE. 19.65 59.43 10.04 9.97 19.77 9.75 9.97 60.18 60.21 140.11 W 阳 H 田 89 021 24 53 BEARING. 53 1° 54' 89 , 46 031 10 68 068 50 N 8 N. so. S. CORNERS. 1-2 2-3 3-4 4-1 4-5 9-9 6-1

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, June 19, 1917.

The foregoing field notes of Homestead Entry Survey No.

425

executed by R.P.A.Johnson, Surveyor-Draftsman

[Forest Service Title.]

under his special instructions, dated September 23, 1915, 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.

U. S. Surveyor General.

8-234