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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

ORIGINAL

HOMESTEAD ENTRY SURVEY NO. 625

SITUATED IN THE Coconino NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 5, - surveyed, Township 21 N., Range 8 E.

of the

Gila and Salt River Base and Meridian.

State of
Arizona.

Applicant for listing

Residence

Application No. , dated , 19

List No. 3-4480 , dated February 1 , 1922.

Applicant for survey Joseph E. Priest,

Residence Cliff, Arizona.

H. E. No. 053419 , dated October 18 , 1922.

Land Office Phoenix, Arizona.

Survey executed by Thomas F. Myers, Surveyor - Forest Service,
[Forest Service Title.]

Under special instructions dated March 16 , 1922.

Survey commenced June 22 , 1923.

Survey completed June 26 , 1923.

Under Acts of June 11, 1906, and May 11, 1922.

OATH OF ASSISTANTS

We hereby certify that we assisted Thomas F. Myers,
 Surveyor - Forest Service, in surveying all those
 [Forest Service Title.]
 parts or portions of Homestead Entry Survey No. 625, in the 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 estab-
 lished, according to the instructions furnished by the United States
 Surveyor General for Arizona.

Note: It would have been
 very expensive and incon-
 venient to appear before an
 officer to administer Oaths
 to Assistants; hence they
 were taken by the Surveyor.

A. O. Oudejans Chainman
Geo Wood Chainman

Subscribed and sworn to before me this 26th day of
June, 19 23.

Thomas F. Myers
 Surveyor Forest Service

OATH OF SURVEYOR

I, Thomas F. Myers, Surveyor - Forest Service,
 [Forest Service Title.]
 do solemnly swear that, in strict conformity with the special instruc-
 tions of the United States Surveyor General for Arizona, dated
March 16, 19 22, and the laws of the United States, I have
 well, faithfully, and truly, in my own proper person, surveyed a tract
 of land embraced in

List No. 3-4480, dated February 1, 19 22, for
Patent, under the Act of June 11, 19 06,
 the same to be known as Homestead Entry Survey No. 625,
 situated within the Coconino National Forest, in
 -surveyed Section 5, Township 21 N., Range 8 E., and
 -surveyed Section -----, Township -----, Range -----,

of the Gila and Salt River Base & 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 instructions, and in the specific manner described in the field
 notes, and that the following are the original field notes of such

Thomas F. Myers

Surveyor - Forest Service.
 [Forest Service Title.]

Subscribed and sworn to before me this 13th day of
November, 19 23.

Evel G. Myers
 Notary Public



8-2349

My Com. expires 4/12/25.

COCONINO NATIONAL FOREST

STATE OF ARIZONA

1.

Chains

Surveyed a tract of land embraced in List 3-4480, dated February 1, 1922; H. E. 053419, made in the Phoenix Land Office on October 18, 1922, by Joseph E. Priest. Surveyed under special instructions from the Surveyor General for Arizona, dated March 16, 1922, and designated as Homestead Entry Survey No. 625. Situated in Sec. 5, T. 21 N., R. 8 E., (surveyed and accepted), Gila and Salt River Base and Meridian, Coconino National Forest, Arizona. Surveyed under the Acts of June 11, 1906, and May 11, 1922.

Survey commenced June 22, 1923, and executed with a Buff and Buff transit No. 14631, equipped with a 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 400 link steel tape. The slope angles were determined with a clinometer.

June 22, 1923.

At my station near Cor. Secs. 5, 6, 7 and 8, T. 21 N., R. 8 E., hereinafter described, in latitude $35^{\circ}13'30''$ N., longitude $111^{\circ}34'30''$ W., from Forest Service Base Map, at 6h 36m 42s p.m., l.m.t., I observe Polaris with telescope direct reading an angle of $0^{\circ}21'$ from star to right to reference mark, a stake driven in the ground 5 chs. northwardly of my station.

Greenwich m.t. U. C. Polaris, June 22, 1923, 7h 35.6m a.m.

Corr for Long. 1.2

l.m.t. U. C. Polaris, June 22, 1923, 7h 34.4m a.m.

l.m.t. obsn Polaris, June 22, 1923, 6h 36.7m p.m.

Hour angle 11h 02.3m

Chains

Azimuth of Polaris $0^{\circ}19.4'$ W.
 Bearing of reference mark N. $0^{\circ}01.6'$ E.
 At same station at 6h 39m 42s p.m. l.m.t., I again observe Polaris with telescope reversed, reading an angle of $0^{\circ}20'$ from star to right to same reference mark.
 l.m.t. U. C. Polaris, June 22, 1923, 7h 34.4m a.m.
 l.m.t. obsn. Polaris, June 22, 1923, 6h 39.7m p.m.
 Hour angle 11h 05.3m
 Azimuth of Polaris $0^{\circ}18.3'$ W.
 Bearing of reference mark N. $0^{\circ}01.7'$ E.
 The bearing of reference mark as determined from the mean of the two obsns. is N. $0^{\circ}01'39''$ E., I accept bearing of reference mark as N. $0^{\circ}02'$ E. From the meridian thus determined all the courses of this survey were deflected by sustained angulation.

RETRACEMENTS AND RESURVEYS

June 22, 1923.
 Beginning at Cor. Secs. 5, 6, 7 and 8, T. 21 N., R. 8 E., a tufa stone 8x8x6 ins. above ground, marked with 5 notches on E. and S. faces, witnessed as described by the Surveyor General. (This corner is recorded as a post)
 Thence N. $0^{\circ}08'$ E.

Retracing line between Secs. 5 and 6.

40.31 Fall 22 lks. east of point for 1/4 Cor. between Secs. 5 and 6, which I determine from call of witness trees. The tree N. 67° E. 66 lks. has been cut, but distance to stump checks with original record. I restore Cor. as follows: Set a malpais stone 20x10x10 ins. 14 ins. in ground, marked + on top and 1/4 on W. face, whence:
 A pine 16 ins. dia. brs. S. 60° W. 79 lks., marked 1/4 S. BT (old BT.).
 No stone available for mound.
 True line is N. $0^{\circ}11'$ W. 40.31 chs.

HOMESTEAD ENTRY SURVEY NO. 625

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains Return to Cor. Secs. 5, 6, 7 and 8, previously described.
Thence S. 89°55' E.
Retracing line between Secs. 5 and 8 W/2.

39.93 Fall 28 lks. South of 1/4 Cor. between Secs. 5 and 8, a malpais stone 4x6x5 ins. above ground, marked 1/4 on N. face. Cor. is under fence (original notes call for post).
Thence S. 89°41' W.
On true line between Secs. 5 and 8 W/2.

19.965 Set temporary point for 1/16 Sec. Cor.

39.93 The Cor. of Secs. 5, 6, 7 and 8, previously described.

Return to 1/4 Cor. between Secs. 5 and 8, previously described.
Thence S. 89°55' E.
Retracing line between Secs. 5 and 8 E/2.

41.16 Fall 21 links, S. of point for Cor. Secs. 4, 5, 8 and 9, which I determine from call of witness trees. I restore Cor. as follows: Set a sandstone 20x6x6 ins. 14 ins. in ground, marked 4 notches on E. and 5 notches on S. face; raise a mound of stone 2 ft. base 1-1/2 ft. high N. of Cor., whence:

A pine 30 ins. dia. brs. S. 25° W. 188 lks.,
blaze grown over, marks illegible (old BT).

A pine 40 ins. dia. brs. N. 75°15' W. 171 lks. dist., blaze grown over and marks illegible (old BT).

A pine 36 ins. dia. brs. N. 87° E. 193 lks., blaze nearly grown over but scribing partly visible. (old BT).

The tree S. 31°30' E. 180 lks. has been cut.

I also find part of old post showing markings of Cor. decayed on butt end, stuck between small rocks near position for Cor.

Chains

I place this post alongside of Cor. as restored.

True line is N. $89^{\circ}47'$ E. 41.16.

Thence N. $0^{\circ}05'$ E.

Retracing line between Secs. 4 and 5 S/2.

39.61 Fall 30 lks. E. of point for $1/4$ Cor. between Secs. 4 and 5, which I determine from call of witness trees. The trees have been cut down but the logs plainly marked are lying beside the stumps. I restore Cor. as follows: Set a malpais stone $18 \times 12 \times 6$ ins. 12 ins. in ground, marked + on top and $1/4$ on W. face; whence:

A pine 14 ins. dia. brs. N. 56° E. 67 lks.,

blazed and scribed $1/4$ S. 4 BT (new BT).

A pine 18 ins. dia. brs. N. $44^{\circ}50'$ W. 131

lks. distant blazed and scribed $1/4$ S 5

BT (New BT).

True line is N. $0^{\circ}21'$ W. 39.61 chs.

June 22, 1923.

June 23, 1923.

Return to $1/4$ Cor. between Secs. 4 and 5, previously described.

Thence West.

On random latitudinal $1/4$ line through Sec. 5.

40.00 Set temporary point for center $1/4$ Sec. Cor.

60.00 Set temporary point for $1/16$ Cor. center W/2.

80.98 Fall 44 lks. South of $1/4$ Cor. between Secs. 5 and 6, previously described.

True line is N. $89^{\circ}41'$ W. 80.98 chs.

I move temporary points for center $1/4$ Sec. Cor. West 49 lks. and South 22 lks.

And temporary $1/16$ Cor. center W/2 West $73-1/2$ lks. and South 33 lks.

June 23, 1923.

Chains June 25, 1923.

Return to 1/4 Cor. between Secs. 5 and 8, previously described.

Thence N. 0°31' E.

On a random meridional 1/4 Sec. line through Sec. 5.

80.22 Fall 11 lks. E. of point for 1/4 Cor. between Secs. 5 and 32, which I determine from call of witness trees. I restore Cor. as follows: Set a malpais stone 16x8x6 ins. 12 ins. in ground, marked 1/4 on N. face; raise mound of stone 2 ft. base 1-1/2 ft. high N. of Cor., whence:

A pine 16 ins. dia. marked 1/4 S BT, brs. N. 35° E. 45 lks. dist. (old BT), Blaze on this tree chopped out and showed original markings.

A pine 12 ins. dia. brs. S. 20°15' W. 5 lks. dist. Blaze grown over. (old BT).

Thence S. 0°26' W.

On true meridional 1/4 Sec. line through Sec. 5.

40.40 Intersect latitudinal 1/4 Sec. line, at which point I establish center 1/4 Cor. as follows: Deposit a malpais stone 2x3x3 ins. marked with a + 16 ins. in ground, over which set a malpais stone 24x9x10 ins., chiseled + on top and C 1/4 S on SE. face.

No witnesses available. Pits and mound impracticable.

1/4 Cor. between Secs. 5 and 6, previously described, bears N. 89°41' W. 40.29 chs.

1/4 Cor. between Secs. 4 and 5, previously described, bears S. 89°41' E. 40.69 chs.

I move temporary point for 1/16 Cor. center W/2 S. 89°41' W. 10 lks.

80.22 The 1/4 Cor. between Secs. 5 and 8, previously described.

Chains From the temporary point for 1/16 Cor. center W/2.
Thence S. 0°10' W.
On true meridional 1/16 Sec. line through SW/4 Sec. 5,
for flag, on temporary 1/16 Cor. between Secs. 5 and 8
W/2, which is plainly visible.

31.68 Set temporary point for Cor. No. 6 of this survey
hereinafter described.

40.03 The temporary point for 1/16 Cor. between Secs. 5 and 8
W/2.

June 25, 1923.

BOUNDARIES OF CLAIM

June 26, 1923.

Beginning at Cor. No. 1 and Closing Cor. on line between
Secs. 5 and 6, at Cor. fence. Fences bear N. and E.
Identical with Cor. H/1. of the list survey, which is a
tufa stone 6x8x10 ins. in mound of stone, marked and
witnessed as described by the Forest Service. I destroy
all trace of this list Cor.

Deposit a tufa stone 2x3x4 ins., marked with a + 14 ins.
in the ground, over which set a tufa stone 24x14x8 ins.
chiseled + for the point, CC on SE. and 1 HES 625 on
NE. face; raise a mound of stone 2 ft. base, 1-1/2 ft.
high SE. of Cor. on Closing line, whence:

A pine 36 ins. dia. blazed and scribed

CC 1 HES 625 + BT bears N. 7°08' E. 310

lks. dist.

No other witnesses available.

The Cor. of Secs. 5, 6, 7 and 8, previously
described, bears S. 0°11' E. 10.93 chs.

The 1/4 Cor. between Secs. 5 and 6, previously
described, bears N. 0°11' W. 29.38 chs.

Lat. 35°13'36" N., Long. 111°34'30" W. from Forest
Service Base Map.

Mag. decl. at 9h 00m a.m. l.m.t., is 15°05' E. Mean

Chains

mag. decl. is $15^{\circ}02'$ E.

Thence N. $0^{\circ}11'$ W.

Along line between Secs. 5 and 6, along fence. Fence inside of line.

3.00 Cross to inside of fence.

13.09 Fence bears N. 36° E. and S. 36° W. Cor. is S. 36° W. 10 lks.

13.11 To Cor. No. 2 and Closing Cor. on line between Secs. 5 and 6.

Identical with Cor. H/6 of the list survey, which is a tufa stone $4 \times 8 \times 10$ ins. in mound of stone, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a malpais stone $2 \times 4 \times 8$ ins., marked with a + 14 ins. in the ground, over which set a tufa stone $24 \times 8 \times 14$ ins., chiseled + for the point, CC on NE., and 2 HES 625 on E. face; raise a mound of stone 2 ft. base, $1-1/2$ ft. high NE. of Cor. on Closing line.

No witnesses available. Pits impracticable.

Thence N. $36^{\circ}10'$ E.

Along outside of fence over level land.

68.49 To Cor. No. 3, on meridional $1/4$ Sec. line.

Deposit a malpais stone $2 \times 4 \times 4$ ins., marked with a + 20 ins. in the ground, over which set a malpais stone $28 \times 8 \times 8$ ins. chiseled + for the point and 3 HES 625 on SW. face; whence:

A pine 16 ins. dia. brs. N. $15^{\circ}20'$ E. 48 lks.

a pine 20 ins. dia. brs. N. $19^{\circ}15'$ W. 63 lks.

Each blazed and scribed 3 HES 625 + BT.

$1/4$ Cor. between Secs. 5 and 32, previously described, brs. N. $0^{\circ}26'$ E. 107 chs.

Cor. H/5, a malpais stone $6 \times 10 \times 10$ ins. above ground, marked as described by the Forest

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HOMESTEAD ENTRY SURVEY NO. 625

COCONINO NATIONAL FOREST

8.

STATE OF ARIZONA

Chains	Service, bears N. $36^{\circ}30'$ E. 10 lks. I destroy all trace of this list Cor.
	Thence S. $0^{\circ}26'$ W.
	Over open land along meridional $1/4$ Sec. line.
.05	Fence bears N. 36° E. and S. 36° W. Fence Cor. is NE, 10 lks. Fences bear S. 36° W. and S. $0^{\circ}45'$ W.
16.00	Cross to outside of fence. Cultivated field to West, inside of fence.
38.00	Fence bears E. and W. Leave cultivated field to West.
38.90	Cultivated field, bears East and West.
39.33	To Cor. No. 4.
	Identical with center $1/4$ Sec. Cor. previously described. I chisel same stone 4 HES 625 on NW. face for Cor. No. 4 of this survey.
	No witnesses available. Pits and mound impracticable.
	Cor. $H/4$ of the list survey, a pine stake $1 \times 4 \times 5$ ins. lying on top of ground in cultivated field, bears S. 43° W. 42 lks. I destroy all evidence of this Cor.
	Thence N. $89^{\circ}41'$ W.
	Along latitudinal $1/4$ Sec. line through Sec. 5, over N. edge of open cultivated land.
12.00	Leave cultivated land.
20.10	Fence bears N. and S.
20.14	To Cor. No. 5, also $1/16$ Sec. Cor.
	Deposit a malpais stone $1 \times 2 \times 3$ ins., marked with a + 14 ins. in the ground, over which set a malpais stone $24 \times 14 \times 8$ ins., chiseled + for the point, $1/16$ on SE., and 5 HES 625 on NW. face; raise amount of stone 2 ft. base $1-1/2$ ft. high NW. of Cor., whence:
	A pine 14 ins. dia. brs. S. $31^{\circ}25'$ W. 49 lks.
	A pine 25 ins. dia. brs. N. $5^{\circ}04'$ W. 116 lks.

Chains

Each blazed and scribed 1/16 - 5 HES 625 + BT.
Cor. H/3 of the list survey, which is a tufa stone 6x10x12 ins. in mound of stone, marked and witnessed as described by the Forest Service, bears N. 30° W. 20 lks. I destroy all trace of this list Cor.

Thence S. 0°10' W.

Along meridional 1/16 Sec. line through center SW/4 Sec. 5 over open valley land.

.20 Fence bears N. 35° E. and S. 35° W.

.80 Cor. fence, bears W. 35 lks. from which fences bear N. 35° E. and S.

6.40 Enter cultivated land, bears S. on each side of line.

31.68 To Cor. No. 6.

Identical with Cor. H/2 of the list survey, which is a tufa stone 4x8x12 ins., in mound of stone, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.

Deposit a malpais stone 1x2x3 ins., marked with a + 14 ins. in the ground, over which set a malpais stone 22x10x14 ins., chiseled + for the point and 6 HES 625 on NW. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor., whence:

A pine 33 ins. dia. brs. S. 82°14' W. 320 lks.

A pine 30 ins. dia. brs. S. 22°24' W. 320 lks.

Each blazed and scribed 6 HES 625 + BT.

Thence N. 82°55' W.

Over level land through scattering pine/

.50 Fence Cor., fences bear N. S. and N. 85° W. along line.

3.20 Fence bears NW.

20.07 To Cor. No. 1, the place of beginning.

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HOMESTEAD ENTRY SURVEY NO. 625

COCONINO NATIONAL FOREST

10.

STATE OF ARIZONA

Chains

AREA

Total area - - - - - 107.12 acres

IMPROVEMENTS

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

A frame dwelling 28x22 ft., the long sides extending NE. and SW., the N. Cor. of which bears N. 84°56' W. 5.19 chs. from Cor. No. 5.

Value - - - - - \$700.00

A frame shed 16x33 ft., the long side extending NE. and SW., the N. Cor. of which bears N. 85°15' W. 3.83 chs. dist. from Cor. No. 5.

Value - - - - - \$100.00

A frame chicken house 12x16 ft., the long sides extending NE. and SW., the S. Cor. of which bears S. 85° W. 4.58 chs. from Cor. No. 5.

Value - - - - - \$ 20.00

Approximately 1-1/2 miles of fencing.

Value - - - - - \$200.00

DESCRIPTION

The claim is comprised mainly of open valley land. The soil is a rich clay loam of good depth and very fertile. The entire claim is suitable for agricultural purposes, of which about 60 acres have been put under cultivation. There is no water on the claim, and dry farming methods must be practiced to grow crops.

Water for domestic use is hauled from Cliff, Arizona, about 1/2 mile distant in a southwesterly direction.

There is a scattering stand of pine timber along the south boundary and center of claim near Cor. No. 5, aggregating approximately 25 M. B.M.

I saw no evidence of mineral on the claim.

Chains

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts. The claim is joined on the East along lines 4 - 5 and 5 to 6 by patented homestead of J. C. Morrow, H. E. No. 014380, patented January 26, 1916, embracing the E/2 of SW/4 and W/2 of SE/4 of Sec. 5, T. 21 N., R. 8 E.

Cliff, Arizona, Postoffice and railway point, lies about 1/2 mile SW. of claim.

Flagstaff, Arizona, the main trading point, lies about 6 miles in a westerly direction and is reached by good wagon road.

Survey completed June 26, 1923.

Thomas F. Myers

Surveyor - Forest Service.

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HOMESTEAD ENTRY SURVEY NO.

NATIONAL FOREST

STATE OF

Chains



- 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 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 the 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. 625, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.				DEPARTURES.				DOUBLE M. D.		N. AREAS.		S. AREAS.	
			NORTH.		SOUTH.		EAST.		WEST.							
1 - 2	N. 0°11' W.	13.11	13	11					04		04		52			
2 - 3	N. 36°10' E.	68.49	55	29		40	42			40	45	2237	29			
3 - 4	S. 0°26' W.	39.33			39	33			30	80	61			3169	59	
4 - 5	N. 89°41' W.	20.14		11				20	14	60	19		6	62		
5 - 6	S. 0°10' W.	31.68			31	68			09	39	98			1266	57	
6 - 1	N. 82°55' W.	20.07	2	47				19	92	19	99		49	38		
		192.82	70	98	71	01	40	42	40			2293	81	4436	16	
					70	98			40					2293	81	
	Error in Lat. & Dep.				03				07					20/ 2142	35	
	Closing error 1/2532													107	12 acres	
															G.C.	

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, March 13, 1924

The foregoing field notes of Homestead Entry Survey No.

625

executed by **Thomas F. Myers, Surveyor Forest Service** [Forest Service Title]
under his special instructions, dated **March 16**, 1922, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Charles M. Donohoe
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.

Charles M. Donohoe
U. S. Surveyor General.