

HES

0

0

6

2

7

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

ORIGINAL

OF

HOMESTEAD ENTRY SURVEY NO. 627

SITUATED IN THE CROOK NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 7 , un-surveyed, Township 11 S., Range 25 E.

In Section 8 , un-surveyed, Township 11 S., Range 25 E.

of the

Gila and Salt River Base & Meridian.

State of

Arizona.

Applicant for listing N. A. Rose,

Residence Wilcox, Ariz.

Application No. 139 , dated February 25 , 19 10.

List No. 3-1724 , dated January 30 , 19 12

Applicant for survey Mark A. Cook

Residence Wilcox, Arizona.

H. E. No. 032342 , dated February 23 , 19 17

Land Office Phoenix, Arizona.

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

Under special instructions dated July 21 , 19 22.

Survey commenced May 23 , 19 23.

Survey completed May 23 , 19 23.

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

66

653627

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. **627**, 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.

Geo W Cook

Chainman.

Subscribed and sworn to before me this **23rd** day of

May, 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
July 21, 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. **3-1724**, dated **January 30**, 19 **12**, for
Patent , under the Act of **June 11**, 19 **06**,
the same to be known as Homestead Entry Survey No. **627**,
situated within the **Crook** National Forest, in
un-surveyed Section **7**, Township **00 11 S.**, Range **25 E.**, and
un-surveyed Section **8**, Township **11 S.**, Range **25 E.**

of the **Gila & Salt River Base and 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**.

Ethel G Myers

Notary Public.



My commission expires April 12, 1925.

Chains

Applicant for listing, N. A. Rose; Application No. 139, dated February 25, 1910; List No. 3-1724, dated January 30, 1912; H. E. 032342, made in the Phoenix Land Office on February 23, 1917, by Mark A. Cook. Surveyed under special instructions from the Surveyor General for Arizona, dated July 21, 1922, and designated as Homestead Entry Survey No. 627.

Situated in what will probably be when surveyed Secs. 7 and 8, T. 11 S., R. 25 E., Gila and Salt River Base and Meridian, Crook National Forest, Arizona.

Surveyed under the Acts of June 11, 1906, and May 11, 1922.

Survey commenced May 23, 1923, and executed with a Buff and Buff transit No. 14631, 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 400 link steel tape. The slope angles were determined with a clinometer.

May 23, 1923.

At my station near Cor. No. 2 of this survey in Lat. $32^{\circ}29'34''$ N., Long. $109^{\circ}49'23''$ W. from Forest Service Base Map, at 6h. 34m. 56s. p.m. l.m.t., I observe Polaris with telescope direct, reading an angle of $0^{\circ}51'$ from star to right to reference mark, a stake driven in the ground 10 chs. northwardly of station.

Greenwich m.t. U. C. Polaris, May 23, 9h 33.1m a.m.

Corr for Long.

1.2

l.m.t. U. C. Polaris, May 23, 1923, 9h 31.9m a.m.

l.m.t. Obsn. Polaris, May 23, 1923, 6h 34.9m p.m.

Hour angle

9h 03. m

CROOK NATIONAL FOREST

2.

STATE OF ARIZONA

Chains

Azimuth of Polaris $0^{\circ}54.3'00''$ W.Bearing of Reference Mark $N.0^{\circ}03.3'$ W.

At same station at 7h. 09m. 12s. p.m. l.m.t., I again observe Polaris with telescope reversed, reading an angle of $0^{\circ}47'30''$ from star to right to same reference mark.

l.m.t. U. C. Polaris, May 23, 1923, 9h 31.9m a.m.

l.m.t. obsn. Polaris, May 23, 1923, 6h 50.2m p.m.

Hour angle 9h 18.3m

Azimuth of Polaris $0^{\circ}50.5'$ W.Bearing of Reference mark $N.0^{\circ}03.0'$ W.

The bearing of reference mark as determined from the mean of the two obsns. is $N. 0^{\circ}03'09''$ W. I accept mean bearing of reference mark as $N. 0^{\circ}03'$ W., and from the corresponding meridian all courses of this survey were deflected by sustained angulation.

May 23, 1923.

BOUNDARIES OF CLAIM

May 24, 1923.

Beginning at Cor. No. 1.

Deposit a granite stone 4x5x8 ins., 20 ins. in ground, marked with a +, over which set a granite stone 30x12x12 ins., chiseled + on top and 1 HES 627 on SE. face; raise a mound of stone 3 ft. base, 2 ft. high SE. of Cor.

No witnesses available, pits impracticable.

Cor. H/4 of the list survey, a granite stone 14x9x30 ins. above ground, marked, and witnessed as described by the Forest Service, bears S. $82^{\circ}00'$ W. 174 lks. I destroy all trace of this list Cor.

The 1/4 Cor. between Secs. 7 and 12, T. 11 S., Rs. 24 and 25 E., an iron post 1 in. dia. 10 ins. above ground, with brass cap, marked

CROOK NATIONAL FOREST

STATE OF ARIZONA

3.

Chains

and witnessed as described by the Surveyor

General, bears S. $88^{\circ}51'$ W. 60.49 chs. by
direct measurement.

Lat. $32^{\circ}29'34''$ N., Long. $109^{\circ}49'45''$ W. from Forest
Service Base Map.

Mag. decl. at 8 a.m. is $14^{\circ}05'$ E., mean mag. decl.
 $14^{\circ}02'$ E.

Thence S. $89^{\circ}31'$ E.

Over rolling mesa land through scattering mesquite.

3.99 Wash 12 lks. wide, 1 ft. deep, course South.

11.00 Wash 300 lks. wide, 5 ft. deep, course SW.

22.60 Fence bears NW. and SE.

30.22 To Cor. No. 2.

Identical with Cor. H/1 of the list survey, a grey
granite stone $8 \times 5 \times 12$ ins. above ground, marked and
witnessed as described by the Forest Service. I
destroy all trace of this list Cor.

Deposit blue granite $3 \times 6 \times 8$ ins. 14 ins. in ground,
marked with a +, over which set grey granite stone
 $24 \times 10 \times 10$ ins., chiseled + for the point and 2 HES 627
on SW. face; dig pits $18 \times 18 \times 12$ ins. crosswise on this
and succeeding course $5-1/2$ ft. distant and raise a
mound of stone 3 ft. base $1-1/2$ ft. high SW. of Cor.,
whence:

A black walnut 11 ins. dia. brs. S. $10^{\circ}35'$ E.

418 lks., blazed and scribed 2 HES 627 + BT.

No witnesses available.

Thence S. $0^{\circ}46'$ E.

Descend 20 ft. over rocky S. slope through scattering
mesquite.

4.42 Arroyo in Hayes Canyon 45 lks. wide, 4 ft. deep, course
WSW., thence across sandy bed of canyon.

8.22 Arroyo 20 lks. wide, 2 ft. deep, course SW. Bottom of
descent. Ascend 12 ft. over NW. slope through

CROOK NATIONAL FOREST

4.

STATE OF ARIZONA

Chains	scattering mesquite.
8.81	Fence bears NE. and SW.
8.90	Trail bears NE. and SW.
10.30	To Cor. No. 3.
	Identical with Cor. H/2 of List survey, a grey granite stone 10x5x6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list Cor.
	Deposit a porphyry stone 5x8x10 ins. 24 ins. in ground, marked with a + over which set a porphyry stone 28x10x12 ins., chiseled + on top and 3 HES 627 on NW. face; raise mound of stone 2 ft. base 1-1/2 ft. high NW. of Cor., whence:
	A black walnut 14 ins. dia. brs. N. 68°40' W.
	278 lks., blazed and scribed 2 HES 627 + BT.
	Thence N. 89°34' W.
	Over gently rolling land.
.55	Trail bears NE. and SW.
1.65	Fence bears NE. and SW.
2.05	Fence bears N. and S.
2.75	Left bank of arroyo in Hayes Canyon, 6 ft. deep, bears SW. Thence down sandy bed of arroyo.
3.30	Trail bears NW. and SE.
3.90	Left bank of same arroyo, bears NW.
	Thence across foot of rocky N. slope
6.00	Fence bears N. and S. Thence over bottom land.
7.80	Left bank same arroyo from ENE. Course W., thence down sandy bed of arroyo.
11.20	Left bank of same arroyo from E. Course NW.
15.75	Middle of same arroyo in Hayes Canyon, 50 lks. wide, 3 ft. deep, course SW.
16.30	Road bears NE. and SW.
18.40	Middle same arroyo, 50 lks. wide, 3 ft. deep from ESE.
	Course NW.
18.50	Road bears N. 60°00' W. and S. 60°00' E.
19.20	Road bears SW. and NE.

Chains

19.30 Fence bears NW. and SE.

29.59 Middle of arroyo in Hayes Canyon 60 lks. wide, 3 ft. deep, course SW.

30.24 To Cor. No. 4.

Deposit a granite stone 2x8x10 ins. 24 ins. in ground, marked with a + over which set a sandstone 30x24x12 ins. chiseled + on top and 4 HES 627 on NE. face; raise a mound of stone 2 ft. base 1-1/2 ft. high NE. of Cor., whence:

A black oak 18 ins. dia. brs. S. 46°20' W.
121 lks.

A black walnut 20 ins. dia. brs. N. 70°55' E.
226 lks.

Each blazed and scribed 4 HES 627 + BT.

Cor. H/3 of the list survey, a grey granite stone 12x24x18 ins. above ground in forks of desert willow tree, marked and witnessed as described by the Forest Service, bears S. 6°00' W. 12 lks. dist. I destroy all trace of this list survey.

Thence N. 0°46' W.

Over level bottom land.

2.00 Begin ascent of 20 ft.

5.04 Top of ascent, thence over level mesa land through scattering mesquite.

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

AREA

Total area - - - - - 31.13 acres.

IMPROVEMENTS

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

HOMESTEAD ENTRY SURVEY NO. 627

CROOK NATIONAL FOREST

6.

STATE OF ARIZONA

Chains

following:

An adobe shed 14x60 ft., the long sides extending E. and W., the SE. Cor. of which bears N. 54° 46' W. 13.95 chs. from Cor. No. 3.

Value ----- \$100.00

A frame barn 20x32 ft., the long sides extending E. and W., the SE. Cor. of which bears N. 58° 17' W. 14.18 chs. from Cor. No. 3.

Value ----- \$200.00

Center of cement tank 30 ft. dia. 3 ft. deep, bears S. 56°54' W. 11.35 chs. from Cor. No. 2.

Value ----- \$300.00

2 pole corrals, each of which are about 60 ft. diameter. The cement tank above described is located between the two corrals, one of which bears NW. and the other SE. from the tank.

Value ----- \$100.00

A dug well 50 ft. deep, with windmill, gas engine and galvanized iron tank 12 ft. diameter, 10 ft. high, over well. The center of windmill bears N. 83°34' W. 9.83 chs. from Cor. No. 3.

Value ----- \$600.00

A dug well 30 ft. deep with windmill and gas engine over well; the center of windmill bears N. 71°21' W. 10.75 chs. from Cor. No. 3.

Value ----- \$300.00

An adobe dwelling 40x38 ft., the long sides extending N. and S., the NE. Cor. of which bears N. 79°09' W. 11.39 chs. from Cor. No. 3.

Value ----- \$1000.00

An adobe store house 10x12 ft., the long sides extending N. and S., the NE. Cor. of which bears N. 80°04' W. 10.89 chs. from Cor. No. 3.

Value ----- \$ 50.00

Chains

A frame and adobe house 12x24 ft., the long sides extending E. and W., the NE. Cor. of which bears N. 76°36' W. 10.13 chs. from Cor. No. 3.

Value -----\$150.00

Approximately 1/4 mile of fencing on claim.

Value -----\$ 50.00

GENERAL DESCRIPTION

This claim is situated in Hayes Canyon at an elevation of about 4,000 ft., and is comprised mainly of bottom land, with a gradual slope to the south.

Approximately 20 acres of the area are suitable for agricultural purposes, of which about 1 acre has been set out to small orchard just north of the house.

There is also evidence of about 5 acres having been under cultivation in the past. The soil is a rich sandy loam of good depth and would produce good crops with irrigation.

Water for domestic use and for watering about 200 head of cattle is obtained from the wells on the claim.

There is no merchantable timber on the claim.

I saw no indication of mineral on the claim.

The claim is mainly valuable for a stock ranch headquarters for which it is at present being used.

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts or adjoining claims.

Wilcox, Arizona, the nearest postoffice and trading point, situated on the Southern Pacific Railway, is about 20 miles distant in a southerly direction, and is reached by fair wagon road.

Survey completed May 23, 1923.

Thomas J. Meyer
Surveyor - Forest Service.

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.

8-2349

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 627, STATE OF ARIZONA

CORNERS.	BEARING.	DISTANCE.	LATITUDES.				DEPARTURES.				DOUBLE M. D.		N. AREAS.		S. AREAS.		
			NORTH.		SOUTH.		EAST.		WEST.								
1 - 2	S. 89°31' E.	30.22				²⁴ 25		²³ 30	22			30	23			7	26
2 - 3	S. 0°46' E.	10.30			10	30		14				60	60			624	18
3 - 4	N. 89°34' W.	30.24		²⁴ 23				30	²³ 24			30	51	7	32		
4 - 1	N. 0°46' W.	10.30	10	30					14			14		1	44		
		81.06	10	53	10	55	30	36	30	38				8	76	631	44
					10	53			30	36						8	76
	Error in Lat. & Dep.					02				02						20	622 68
	Closing error 1/2566															31	13 acres

25

	DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	BALANCE
e - I	10/1	...	...	...	...	...
-	10/2	...	...	...	...	...
-	10/3	...	...	...	...	...
-	10/4	...	...	...	...	...

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, June 14, 1924

The foregoing field notes of Homestead Entry Survey No.

627

executed by Thomas F. Myers, Surveyor

[Forest Service Title]

under his special instructions, dated July 21, 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.