

U. S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

MAR. 23 1914

JUL 23 1915

**FIELD NOTES**

OF

HOMESTEAD ENTRY SURVEY NO. 84

SITUATED IN THE

Prescott NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Approx. Section 13, un surveyed, Township 10 N., Range 4 E.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by W. H. Finigan, Forest Service Surveyor

Under special instructions dated August 1, 1913

Survey commenced August 21, 1913

Survey completed August 22, 1913

Under Acts of June 11, 1906, and March 4, 1913.

Applicant for listing C. W. Hutchinson

Residence Cordes, Arizona

Application No. 89, dated September 26, 1910

List No. 3-1118, dated February 16, 1911

Applicant for survey G. W. Hutchinson

Residence Cordes, Arizona

H. E. No. 015785, dated November 11, 1911

Land district Phoenix, Arizona.



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OATH OF ASSISTANTS

We hereby certify that we assisted \_\_\_\_\_ in surveying all those parts or portions of Homestead Entry Survey No. \_\_\_\_\_, in surveyed Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_, surveyed Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_,

of the \_\_\_\_\_ meridian, State of \_\_\_\_\_, 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 \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_.

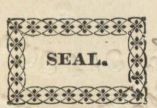
OATH OF SURVEYOR

I, W. H. Finigan, do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for Arizona, dated August 1, 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. 3-1118 dated Febry. 16, 1911, for patent, under the Act of June 11, 1906, the same to be known as Homestead Entry Survey No. 84, situated within the Prescott National Forest, in unsurveyed Section 13, Township 10 N., Range 4 E., and ~~unsurveyed 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 instructions, and in the specific manner described in the field notes, and that the following are the original field notes of such survey.

W. H. Finigan  
Forest Service Surveyor.

Subscribed and sworn to before me this 24th day of January, 1914.



George P. Randall  
Notary Public  
8-20-14



OATH OF ASSISTANTS

We hereby certify that we assisted W. H. Finigan  
Forest Service Surveyor, in surveying all those parts  
 or portions of Homestead Entry Survey No. 84  
 situated in Sec (approximate) 13, T 10 N. R. 4 E.  
unsurveyed  
 of the Gila and Salt River Base 2nd Meridian,  
 State of Arizona, which are represented  
 in the foregoing 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  
Raymond M. Allen, Chairman

Subscribed and sworn to before me this twenty second  
 day of August 1913/

W. H. Finigan  
Surveyor



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DATE OF ASSISTANCE

To hereby certify that we assisted W. H. Thompson  
 Forest Service Surveyor, in surveying all those parts  
 or portions of Homestead Entry Survey No. 84  
 situated in Sec 13 T10N R4E  
unsurveyed  
 of the State of Oregon which are represented  
 in the foregoing 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 Oregon  
W. H. Thompson

Subscribed and sworn to before me this 19th day of August  
1915  
W. H. Thompson  
Surveyor



## PRESCOTT NATIONAL FOREST

STATE OF ARIZONA

Chains

Applicant G. W. Hutchinson; Application No. 89, dated September 26, 1910; List No. 3-1118, dated February 16, 1911; Phoenix Land Office H. E. No. 015785, dated November 11, 1911.

Surveyed under special instructions from the Surveyor General for Arizona, dated August 1, 1913, under the Acts of June 11, 1906 and March 4, 1913.

Designated as Homestead Entry Survey No. 84.

Located approximately in Sec. 13, T. 10 N., R. 4 E., unsurveyed, of the Gila and Salt River Base and Meridian in the Prescott National Forest, Arizona.

Survey commenced August 21, 1913, and executed with a W. and L. E. Gurley light mountain transit equipped with a Burt solar attachment.

The distances were measured with a 200 and 400 lk. steel tape directly on the slope and the slope angles determined by a clinometer.

The courses of this survey were deflected from the true meridian as established at cor. No. 1 by obsn. on Polaris at E. elong. Lat. at cor. No. 1,  $34^{\circ} 13' N.$ , which was determined by direct obsn. with Burt solar. Long.  $111^{\circ} 54' W.$ , derived from instructions of the Surveyor General.

August 21, 1913; I set transit at cor. No. 1, set off the Azimuth of Polaris  $1^{\circ} 24'$  to the west of the line of sight of last night's observation, thus establishing the true meridian. This meridian was checked by two subsequent observations with the Burt solar attachment.

There being no U. S. Location Monuments nor established public land survey corners within a distance of two miles of this survey, I establish U. S. Location Monument No. 84 H. E. S., which is located on east end of



Chains a point on west rim of Bloody Basin at the end of road from the Copper Queen mine to Hutchinson ranch. The Copper Queen mine is about four miles westerly and Kellog's ranch about five miles southeasterly. I chisel a malpais boulder in place, showing 3 x 4 x 3 ft. above ground, + on top for exact point and U. S. L. M. No. 84 H. E. S. on west face; and raise a mound of stone 6 ft. base, 4 ft. high along side; whence:

A cedar 10 ins. in diameter, scribed U S L M No 84 H E S B T bears N. 49° 33' W., 150 lks.  
+ B R U S L M No 84 H E S chiseled on face of malpais boulder showing 2 x 3 x 1-1/2 ft. above ground, bears S. 11° 07' E., 20 lks.

A pinon 8 ins. in diameter, scribed U S L M No 84 H E S B T bears S. 66° 58' W., 265 lks.

Turret Peak bears N. 46° 39' E. about 2-1/2 miles.  
West peak of two prominent peaks in Bloody Basin bears S. 30° 42' E.

Cor. No. 1 H. E. S. No. 84, which is in sight, bears S. 39° 57' E., 12.26 chs.

August 21, 1913.

Beginning at cor. No. 1.  
Mag. Va. 9 a.m., 14° 25' E., Mean Mag. Va. 14° 28' E.  
Identical with cor. No. 5 of list which is a malpais rock in place, showing 8 x 18 x 10 ins. above ground marked and witnessed as described in the field notes of the listing survey. I destroy marks and chisel same rock + on top for exact point and 1-HES84 on side facing claim; raise a mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence:

A cedar 12 ins. in diameter, scribed 1 H E S 84 B T bears N. 42° 45' E., 66 lks.  
+ B R 1 H E S 84 chiseled on face of malpais



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Chains	boulder showing 1-1/2 x 3 x 2 ft. above ground bears N. 77° 06' W. 369 lks.
	US L M No. 84 H E S bears N. 39° 57' W. 12.26 chs.
	<hr/>
	Thence S. 81° 27' E.
0.60	Descending gentle slope on west slope Bloody Basin. Trail bears N. and S.
1.60	Descend steep slope, 100 ft. high.
9.30	Enter gulch 20 ft. deep, 80 lks. wide, course S. 82° E., thence along north side gulch. Descending slowly.
20.00	Thence along south slope of small hill; descending gradually.
24.80	To cor. No. 2. Identical with corner No. 4 of list which is a granite boulder in place, showing 16 x 32 x 20 ins. above ground, marked and witnessed as described by field notes of list survey. I destroy marks and chisel same boulder + on top for exact point and 2-HES84 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence an oak, 14 ins. in diameter, scribed 2 H E S 84 B T bears S. 62° 25' W. 176 lks. An oak 10 ins. in diameter, scribed 2 H E S 84 B T bears S. 10° 03' E. 177 lks.
	<hr/>
	Thence S. 11° 59' W.
	Descending south slope gulch 25 ft. deep.
1.60	Gulch 50 lks. wide, 15 ft. deep, course E., thence over level bottom thru timber.
2.65	Gulch 20 ft. deep 30 lks. wide, course E., thence ascending.
3.60	To cor. No. 3. Identical with cor. No. 3 of list which is a malpais stone in place, showing 8 x 24 x 16 ins. above ground,



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Chains	marked and witnessed as described by field notes of listing survey. I destroy marks on same and chisel on top for exact point, and 3-HES84 on side facing claim; raise a mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence
	An oak 7 ins. in diameter, scribed 3 H E S 84 B T bears N. 22° 13' E. 72 lks.
	A cedar 7 ins. in diameter, scribed 3 H E S 84 B T bears S. 87° 34' E. 69 lks.
	Thence S. 72° 50' W.
	Ascending thru brush and timber.
0.95	Leave timber then ascending very gradually over uniform slope.
	August 22, 1913.
12.96	To cor. No. 4. Identical with cor. No. 2 of list, which is a malpais boulder, showing 16 x 30 x 20 ins. above ground, marked and witnessed as described by field notes of listing survey. I destroy marks and chisel same boulder on top for exact point and 4-HES84 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence
	An oak 16 ins. in diameter, scribed 4 H E S 84 B T bears S. 34° 35' E. 157.5 lks.
	An oak 10 ins. in diameter, scribed 4 H E S 84 B T bears S. 52° 48' W. 258.7 lks.
	Thence N. 76° 49' W.
	Ascending gradual slope.
12.90	Bottom small gulch, course SE., ascend steep slope 45 ft. high, thru heavy brush.
17.32	To cor. No. 5. Identical with cor. No. 1 of list, and F. S. Monument,



HOMESTEAD ENTRY SURVEY NO. 84

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Chains which is a malpais rock in place, showing 10 x 24 x 30 ins. above ground, marked and witnessed as described by field notes of listing survey. I destroy marks and chisel same rock + on top for exact point and 5-H E S 84 on side facing claim; raise mound of stone 2 ft. base, 1-1/2 ft. high, 3-1/2 ft. distant within claim; whence

A cedar 14 ins. in diameter, scribed 5 H E S 84 B T bears N. 70° 45' W. 118 lks.

An oak 6 ins. in diameter, scribed 5 H E S 84 B T bears S. 27° 18' W. 25 lks.

Thence N. 37° 51' E.

Descending.

1.90 Bottom of gulch 1.00 ch. wide, 45 ft. deep, course SE., Ascending steep slope.

2.50 Spring bears NE. about 15 lks. Irrigation ditch.

3.45 Top of steep ascent and N. side gulch, thence ascend gradually along west side of Bloody Basin.

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

0.74  
12.38  
88.68

Area

Area of Homestead Entry Survey No. 84 . . . 20.43 acres

88.88  
78.88  
10.

Improvements.

The improvements on this claim, all of claimant herein, consist of the following:

A log cabin, the NW. cor. of which bears from cor.

No. 1 S 38° 06' E. 5.05 chs. 8 x 12 ft. Course long side E. Value . . . . . \$ 50.00

About one mile of wire fence, Value . \$100.00

Total value of improvements, estimated . \$150.00

Description.

This claim lies on the west slope of Bloody Basin just



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Chains east of the west rim and has a general slope to the east.

The land is rocky and covered with scattered timber and brush.

Water is supplied by two strong springs, which is utilized to irrigate the cultivated land, which is well adapted when cleared, for raising fruit, vegetables, grains, etc.

No mineral is in evidence on the surface and it is apparently non-mineral in character.

No other claims of any kind are known in the vicinity of this survey.

The Copper Queen mine is located about 4 miles westerly. The nearest post office and settlement is Cordes, about 25 miles distant.

Survey completed

August 22, 1913.

Latitude, Departure and Closing Errors.

Course	Dist.	Latitude		Departure	
		N	S	E	W
S. 81° 27' E.	24.80		3.69	24.52	
S. 11° 59' W.	3.60		3.52		0.74
S. 72° 50' W.	12.96		3.83		12.38
N. 76° 49' W.	17.32	3.95			16.86
N. 37° 51' E.	8.88	7.01		5.45	
	67.56	10.96	11.04	29.97	29.98
			10.96		29.97
Error in Lat. and Dep.			.08		.01

Error of closure  $\sqrt{\frac{1 + 64}{6756}} = \frac{8}{6756} = \frac{1}{837}$

There being no officer qualified to administer oaths within a reasonable distance, I administer final oaths of assistants in my official capacity.

Any discrepancy between these field notes and those of the listing survey is due to error in the latter.

W. H. Finigan  
Forest Service Surveyor.



- DIRECTIONS.—1. Carry out the area 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.  
 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 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.

TABLING AND CALCULATIONS OF

*H. Stutchinson*

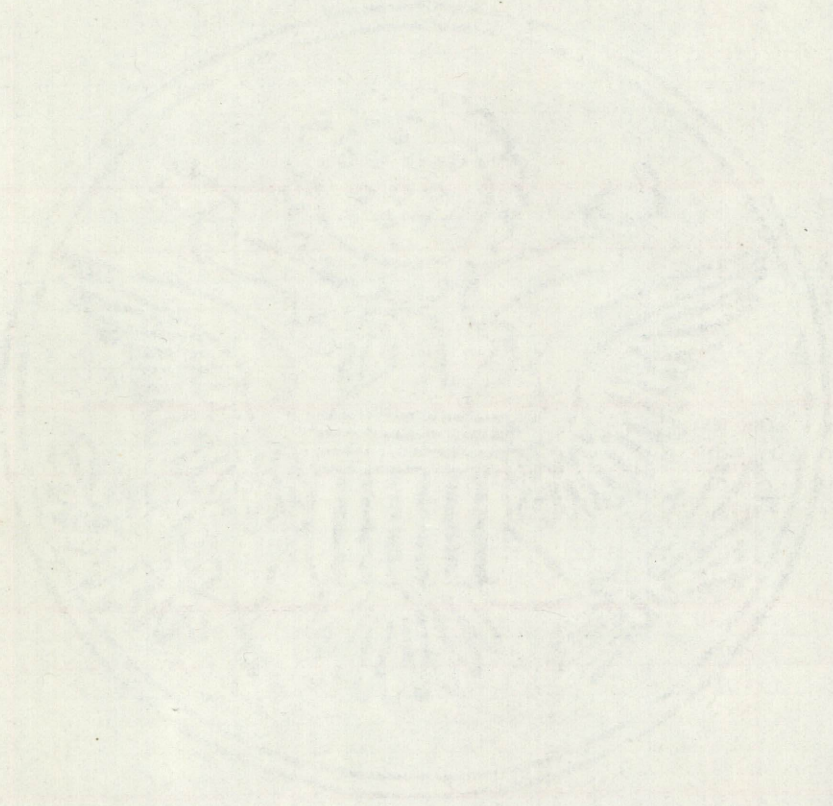
*H. E. S. 84*

*Orig. ret'd. to D. F.  
 one copy with Com. or 20. mts*

No.	COURSE	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
5-1	N 37° 51' E	888	701		545		545		
1-2	S 81° 27' E	2480		369	2452		3543	12967	
2-3	S 11° 59' W	360		352		074	5922	20845	
3-4	S 72° 50' W	1296		383		1238	4610	17564	
4-5	N 76° 49' W	1732	395			1686	1686		
		6756	1099	1099	2998	2998	10519	51376	
			1096	1104	2997	2998		10519	
									204285 = 20.43 Acs.
									T.A. E



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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, June 23, 1914 .

The foregoing field notes of Homestead Entry Survey No.

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C. W. Hutchinson, claimant

executed by W. H. Finigan, Forest Service Surveyor  
under his special instructions, dated August 1, 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 S. Ingalls*  
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  
U. S. Surveyor General.



