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U. S. DEPARTMENT OF AGRICULTURE

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FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 530

SITUATED IN THE CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 13 , Unsurveyed, Township 23 S , Range 16 E.
In Section 24 , Unsurveyed, Township 23 S., Range 16 E.

of the

GILA AND SALT RIVER BASE AND Meridian.

State of

ARIZONA

Applicant for listing James Richards,

Residence Mowry, Arizona

Application No. 356 , dated June 1 , 19 14

List No. 3-3335 , dated September 26 , 19 14

Applicant for survey Samuel R. Prouty.

Residence Mowry , Arizona

H. E. No. 027025 , dated March 22 , 19 15

Office
Land District Phoenix, Arizona.

Survey executed by C. A. Long, Surveyor - Forest Service,
[Forest Service Title.]

Under special instructions dated March 28 , 19 17

Survey commenced May 10 , 19 17

Survey completed May 10 , 19 17

Under Acts of June 11 , 1906, and August 11 , 1916.

OATH OF ASSISTANTS

We hereby certify that we assisted **C. A. Long,**
Surveyor - Forest Service, in surveying all those
[Forest Service Title.]

parts or portions of Homestead Entry Survey No. 530, 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 established, according to the instructions furnished by the United States Surveyor General for **ARIZONA.**

Note: It would have been very expensive and inconvenient to appear before an officer to administer oaths to Assistants; hence, they were taken by the Surveyor.

[Signature]

Chainman

[Signature]

Chainman

Subscribed and sworn to before me this 10th day of May, 1917.

[Signature]

Surveyor - Forest Service.

OATH OF SURVEYOR

I, **C. A. Long,** **Surveyor - Forest Service,**
[Forest Service Title.]

do solemnly swear that, in strict conformity with the special instructions of the United States Surveyor General for **Arizona**, dated **March 28**, 1917, 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 Patent, No. 3-3335, dated September 26, 1914, for the same to be known as Homestead Entry Survey No. 530, situated within the **CORONADO** National Forest, in Un surveyed Section 13, Township 23 S., Range 16 E., and Un surveyed Section 24, Township 23 S., Range 16 E.,

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 survey.

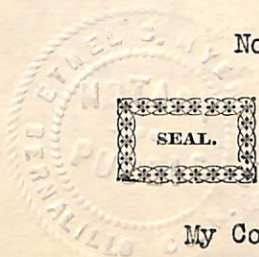
[Signature]

Surveyor - Forest Service,
[Forest Service Title.]

Subscribed and sworn to before me this 30th day of November, 1918.

[Signature]

Notary Public.



8-2349

My Commission Expires March 17, 1921.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing, James Richards; Application No. 556, dated June 1, 1914; List No. 3-5335, dated September 26, 1914; H.E. 027025 made in the Phoenix Land Office on March 22, 1915, by Samuel R. Prouty. Surveyed under special instructions from the Surveyor General for Arizona, dated March 28, 1917, and designated as Homestead Entry Survey No. 530.

Situated in what will probably be when surveyed secs. 13 and 24 T. 23S., R. 16 E., Gila and Salt River Base and Meridian within the Coronado National Forest, Arizona.

Surveyed under the Acts of June 11, 1906 and August 11, 1916.

Survey commenced May 10, 1917, and executed with a Buff and Buff transit No. 10530, 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 10, 1917.

At Cor. No. 1 of the claim hereinafter described at 6h. 39m. 33s. p.m., l.m.t., I observe Polaris with telescope direct, reading an angle of 97° 00' 30" from star to right to a reference mark about 6 miles distant.

Latitude 31° 25' 15" N., Longitude 110° 39' 30" W., from U.S.G.S. sheet of Nogales quadrangle.

HOMESTEAD ENTRY SURVEY NO. 530

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains	Greenwich m. t. U.C. Pol.	May 10, 1917	10h. 18.9m. a.m.
	Correction for longitude		1.2m.
	l.m.t.U.C. Pol.	May 10, 1917	10h. 17.7m. 12h. 00.0m.
	Astron. l.m.t.U.C. Pol.	May 9, 1917	22h. 17.7m.
	Astron. l.m.t. of obsn.	May 9, 1917	30h. 39.5m.
	Hour Angle		8h. 21.8m.
	Azimuth of Pol. at obsn.	1° 04' 23" W	
	Bearing of reference mark	S 84° 03' 53" E.	
	At the same point at 6h. 40m. 33s. p.m., l.m.t., I again observe Polaris with telescope reversed, reading an angle of 97° 00' 30" from star to right to the same reference mark.		
	Astron. l.m.t.U.C. Pol.	May 9, 1917	22h. 17.7m.
	Astron. l.m.t. of obsn.	May 9, 1917	30h. 40.5m.
	Hour Angle		8h. 22.8m.
	Azimuth of Pol. at obsn.	1° 04' 11" W.	
	Bearing of reference mark	S 84° 03' 41" E.	
	The mean bearing of reference mark as determined from the two observations is S 84° 03' 47" E and to the corresponding meridian all the courses of this survey are referred.		

May 10, 1917.

RETRACEMENTS

Beginning at the Cor. to secs. 13, 18, 19 and 24, T. 23 S. R s. 16 and 17 E. which is a sandstone 7 x 7 x 10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence South (on a random) line bet. secs. 19 and 24.

40.24 Fall 5 lks. West of the 1/4 sec. cor. bet. secs. 19 and 24 which is a sandstone 10 x 6 x 6 ins. above ground firmly set, marked and witnessed as described by the Surveyor General.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains Thence N. 0° 04' W.
 On a true line bet. secs. 19 and 24.

30.18 Intersect cor. No. 6 of H E S 304 hereinafter described.

40.24 The cor. to secs. 13, 18, 19 and 24 previously described.

Thence North.
Retracing
 On a random line, bet. secs. 13 and 18.

40.20 Fall 5 lks. E. of the 1/4 sec. cor. bet. secs. 13 and 18,
 which is a sandstone 10 x 6 x 6 ins. above ground,
 firmly set, marked and witnessed as described by the
 Surveyor General.

Thence S. 0° 04' E.
 On a true line bet. secs. 13 and 18.

30.15 The proportionate point for cor. No. 1 of this survey,
 set this point.

40.20 The cor. to secs. 13, 18, 19 and 24; place of beginning.

BOUNDARIES OF CLAIM.

May 10, 1917.

Beginning at Cor. No. 1 and C C on line between Sec. 13
and 18.

Deposit a porphyry stone 1 x 4 x 4 ins. marked with a +
24 ins. in the ground, over which set an iron post,
2 ins. dia. 36 ins. long with brass cap, marked 1917
on S. 1 H E S 530 on S.W. quadrant and C C on closing
line. Raise a mound of stone 4 ft. base 2 ft. high
W. of cor., whence;

A white oak 12 ins. dia. bears S. 88° 22' W.,
184 lks. dist.

A white oak 8 ins. dia. bears N. 59° 23' W.,
76 lks. dist.

Each blazed and scribed C C 1 H E S + 530 BT

The cor. to secs. 13, 18, 19 and 24 hereto-
fore described bears S. 0° 04' E., 10.05
chs. dist.

Chains

The 1/4 sec. cor. bet. secs. 13 and 18 heretofore described bears N. 0° 04' W., 30.15 chs. dist.

Cor. H-4 of the list survey, which is a granite stone, 6 x 8 x 14 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 87° 15' E., 7 lks. dist. I destroy all trace of this list cor.

The observed mag. dec. at 6 p.m. is 13° 00' E., which corrected for diurnal change gives a mean mag. variation of 13° 01' E.

Latitude 31° 25' 15" N. Longitude 110° 39' 30"

W., from U.S.G.S. sheet of Nogales quadrangle.

Thence S. 0° 04' E.

Along line between secs. 13 and 18, and along W. bdy of the claimant's tract described by legal subdivisions.

Descend 60 ft. to cor. over gradual S. slope thru scattering oak brush.

9.50 Line of fence posts bears E. and W.

10.05 The cor. to secs. 13, 18, 19 and 24, heretofore described leave W. bdy of the claimant's tract described by legal subdivisions, and continue along W. bdy of list No. 3 - 1418, of Charles A. Miller, Serial 022489.

10.15 Road bears E. and W.

10.55 Wire fence bears E. and W., thence along E. side and 5 lks. distant from wire fence bearing with line.

20.11 To cor. No. 2 and C C on line bet. secs. 19 and 24.

Identical with Cor. 6 of H E S 304, which is a porphyry stone 8 x 12 x 10 ins. above ground, firmly

set, and marked C C on W. 6 H E S 304 on SW. and a + on top, with pits 24 x 18 x 12 ins. N. 0° 04' W. and S. 0° 04' E. 3 1/2 ft. distant and N. 89° 50' W.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

7 ft. dist., with mound of earth 4 ft. base, 2 ft. high, 3 1/2 ft. W. of Cor. I mark same stone 2 H E S 530 on NW. face for Cor. No. 2 of this survey.

No bearing trees or objects available.

The 1/4 sec. cor. bet. secs. 19 and 24 heretofore described bears S. 0° 04' E. 30.18 chs. dist

Thence N. 89° 50' W.

Along line 6-5 of H E S 304.

Ascend 10 ft. to cor. thru dense oak brush, along S. side of wire fence, 5 lks. dist.

10.00 To Cor. No. 3, and also Cor. No. 2 of H E S 523.

Identical with cor. H-2 of List 3-3335 and Cor. H-1 of List 3-3262 which is a granite stone, 5 x 8 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor.

Deposit a limestone 1 x 2 x 3 ins. marked with a + 24 ins. in the ground, over which set an iron post, 2 ins. dia. 36 ins. long, with brass cap marked 1917 on S., 3 H E S 530 on N.E. quadrant, and 2 H E S 523 on NW. quadrant and H E S 304 on S. half.

No bearing trees or objects available. Therefore, dig pits 18 x 18 x 12 ins. crosswise on each line N. 0° 20' E., S. 89° 50' E. and N. 89° 50' W., 3 1/2 ft. dist. and raise mounds of earth 4 ft. base, 2 ft. high NE. and NW. 3 1/2 ft. dist.

Cor. No. 5 H E S 304 which is also Cor. No. 3 H E S 523 a porphyry stone 4 x 12 x 10 ins. above ground marked 5 H E S 304 on SE. and 3 H E S 523 on NW. face, bears N. 89° 50' W., 10.01 chs. dist: by direct measurement.

Thence N. 0° 20' E.

Along line 2-1 of H E S 523.

Chains Ascend 80 ft. to cor. over gradual S. slope thru scattering oak brush.

0.06 Wire fence bears E. and W., continue along E. side of wire fence, 3 lks. dist.

9.50 Cross to W. side of wire fence.

10.00 To Cor. No. 1 of H E S 523.

A granite stone 8 x 14 x 10 ins. above ground chiseled + for the point and 1 H E S 523 on SW. face:

With a mound of stone 3 ft. base 2 ft. high, SW. of cor.

10.15 Wire fence bears E. and W., leave fence.

10.35 Road bears E. and W.

20.09 To cor. No. 4.

Deposit a porphyry stone, 3 x 4 x 4 ins. marked with a + 24 ins. in the ground; over which set an iron post 2 ins. dia. 36 ins. long with brass cap, marked 1917 on S., and 4 H E S 530 on S.E. quadrant.

Raise a mound of stone 3 ft. base 2 ft. high SE. of cor., whence;

A white oak 8 ins. dia. bears S. 31° 38' E., 160 lks. dist.

A white oak, 6 ins. dia. bears S. 36° 07' W., 83 lks. dist.

Each blazed and scribed 4 H E S + 530 B T.

Cor. H-3 of the list survey, which is a granite stone 4 x 4 x 6 ins. above ground marked and witnessed as described by the Forest Service, bears S. 0° 20' W., 10 lks. dist. I destroy all trace of this list cor.

Thence N. 89° 57' E.

Descend 30 ft. to Cor. on gradual SE. slope thru scattering oak.

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

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains	AREA
	Total area 19.97 acres.

IMPROVEMENTS.

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

An adobe house 12 x 18 ft. Course of long sides E. and W., the SW. cor. of which bears N. 2° 38' E., 7.90 chs. dist. from Cor. No. 3.

Value \$75.00

1/2 mile of wire fence.

Value \$50.00

Total value of improvements. \$125.00

DESCRIPTION.

This claim is located on mesa land. There is no timber, water or evidence of mineral on the claim. The soil is a brown adobe, second rate; none of the area is farmed.

CONFLICTS AND ADJOINING CLAIMS.

There are no conflicts. This claim is joined on the East by legal subdivisional portion of claimant's entry, embraced in List 3 - 3335 and particularly described as follows:

S/2 SW/4 SW/4 and W/2 SE/4 SW/4 Sec. 18 T. 23 S.R. 17 E., and by List 3 - 1418, Chas. A. Miller, H. E. 022489. On the S. by H.E.S. 304 and on the W. by H. E. S. 523.

Mowry, Arizona, Post Office, is two miles in a westerly direction. Patagonia, Arizona, the nearest railway station, is 13 miles in a northwesterly direction, and is reached by a good wagon road.

HOMESTEAD ENTRY SURVEY NO. 530

CORONADO NATIONAL FOREST

STATE OF NEW MEXICO

Chains

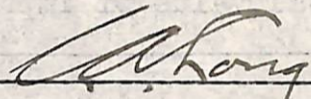
TRAVERSES.

Cor.	Course	Dist.	N.	S.	E.	W.
1-2	S. 0° 04' E.	20.11		20.11	.02	
2-3	N. 89° 50' W.	10.00	.03			10.00
3-4	N. 0° 20' E.	20.09	20.09		.12	
4-1	N. 89° 57' E.	9.87	.01		9.87	
		60.07	20.13	20.11	10.01	10.00

Error in Lat. and Dep. .02 .01

Closing error, 1: 2686

Survey Completed May 10, 1917.


 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.

TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 530, STATE OF ARIZONA

8-2349

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.		
			NORTH.	SOUTH.	EAST.	WEST.					
1-2	S. 0° 04' E	20.11		20 11 ¹²	02 ⁰¹		19 99		402 20		
2-3	N. 89° 50' W	10.00	03			10 00	10 00	30			
3-4	N. 0° 20' E	20.09	20 09 ⁰⁸		12		12	2 41			
4-1	N. 89° 57' E	9.87	01		9 87		10 11	10			
		60.07	20 13	20 11	10 01	10 00		2 81	402 20		
			20 12	20 12	10 00				2 81		
									20/ 399 39		
									199 69	19.97	
			Closing error 1:2686								

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona, April 10, 1920

The foregoing field notes of Homestead Entry Survey No.

530

executed by C. A. Long, Surveyor,
under his special instructions, dated March 28, 1917, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.

Frank P. Trott
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.

FRANK P. TROTT
U. S. Surveyor General.