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JUN 5 - 1914

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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 263

SITUATED IN THE

CORONADO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 5, surveyed, Township 10 S., Range 16 E.

of the

Gila and Salt River Base and Meridian.

ARIZONA

Survey executed by Walter G. Turley, Surveyor-Forest Service

Under special instructions dated September 16, 1914

Survey commenced October 19, 1914

Survey completed October 21, 1914

Under Acts of June 11, 1906 and June 30, 1914

Applicant for listing Frank Dailey, Sr.

Residence Oracle, Arizona.

Application No. 231, dated August 24, 1912

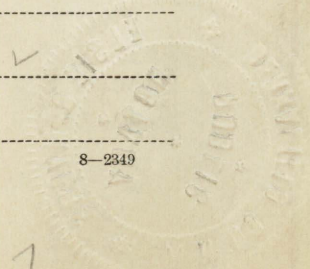
List No. 3-2141, dated November 9, 1912

Applicant for survey Frank Dailey, Sr.

Residence Oracle, Arizona.

H. E. No. 022807, dated July 12, 1913

Land district Phoenix, Arizona.



150

OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley,
Surveyor - Forest Service in surveying all those
parts or portions of Homestead Entry Survey No. 263, in
surveyed Section 5, Township 10 S., Range 16 E.,
surveyed Section - - -, Township - - -, Range - - -,

- - - - -
of the G. & S.R.B. & meridian, State of Arizona, which
are represented in the following field notes as having been
surveyed by him and under his direction; and that said sur-
vey 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 fur-
nished 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.

Charles D. Hodson, Chairman
Charles Baecht, Chairman
- - - - -
- - - - -

Subscribed and sworn to before me this 21st day of
January, 1915.

Walter G. Purley
Surveyor - Forest Service

OATH OF SURVEYOR

Service

I, Walter G. Turley, Surveyor - Forest, do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
September 16, 1914, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, sur-
veyed a tract of land ~~upon the application of~~ embraced in
List, No. 3-2141 dated Nov. 9, 1912, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 263,
situated within the CORONADO National Forest, in
surveyed Section 5, Township 10 S., Range 16 E., and
surveyed 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 perpet-
uated in strict accordance with the stated special instruc-
tions, and in the specific manner described in the field
notes, and that the following are the original field notes
of such survey.

Walter G. Purley
Surveyor - Forest Service

Subscribed and sworn to before me this 23^d day of
February, 1915.

Elsie C. Myers
Notary Public



CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains Applicant for listing Frank Dailey, Sr., Application No. 231, dated August 24, 1912; List No. 3-2141, dated November 9, 1912; Homestead Entry No. 022807, made in the Phoenix Land Office on July 12, 1913 by Frank Dailey, Sr., whose post office address is Oracle, Arizona.

Surveyed under Acts of June 11, 1906 and June 30, 1914; and special instructions from the Surveyor General for Arizona, dated September 16, 1914 and designated as Homestead Entry Survey No. 263.

Situated in Sec. 5, T. 10 S., R. 16 E., Gila and Salt River Base and Meridian, within the Coronado National Forest, Arizona.

Survey commenced October 19, 1914 and executed with a W. and L. E. Gurley light mountain transit No. 12953, provided with prism eye piece, stadia wires, vertical circle, and Burt solar attachment. The horizontal limb of the transit has two double verniers placed opposite to each other and graduated to single minutes of arc, which is also the graduation upon the verniers of the latitude and declination arcs.

I test the adjustments of the transit and solar attachment, and make necessary corrections. The stadia wire interval is adjusted to read 1:132.

All distances are horizontal; and were reduced from measurements made directly on the slope, with a standard 500 link steel tape graduated to links and tenths; and the slope angles determined with a clinometer the vernier of which reads to degrees; and a Philadelphia stadia rod, graduated to feet and hundredths, provided with two targets the verniers of which read to thousandths of a foot.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains October 19, 1914.

I set up my transit over cor. H-4 of List 3-2141, which is a granite stone 12 x 8 x 5 ins. above ground, marked and witnessed as described by the Forest Service; and, with telescope direct, I observe Polaris in accordance with instructions at 7h. 40m. p.m., l.m.t., and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station, in Lat. 32° 38' 25" N. and Long. 110° 42' 16" W.

Astron. l.m.t., obsn., October 18, 1914,	31h. 40.0m.
Astron. l.m.t., U.C.Pol., Oct. 18, 1914,	<u>11h. 33.3m.</u>
Hour angle Pol. at obsn.,	20h. 01.7m.
	<u>23h. 56.1m.</u>
Time argument,	3h. 54.4m.

Azimuth Pol. at obsn., 1° 10' 18" E.

With my transit set up over cor. H-4 of List 3-2141, heretofore described, and the telescope reversed in altitude and azimuth, at 7h. 48m. p.m., l.m.t. on the same date, I again observe Polaris in accordance with instructions, and mark the direction thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

Astron. l.m.t., obsn., October 18, 1914,	31h. 48.0m.
Astron. l.m.t., U.C. Pol., Oct. 18, 1914,	<u>11h. 38.3m.</u>
Hour angle Pol. at obsn.,	20h. 09.7m.
	<u>23h. 56.1m.</u>
Time argument,	3h. 46.4m.

Azimuth of Pol. at obsn., 1° 08' 48" E.

October 19, 1914.

October 20, 1914.

I turn off 1° 10-1/2', the azimuth of Polaris, to the W. from her direction at 7h. 40m. p.m., l.m.t., October

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains in 1914; and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station.

I also turn off $1^{\circ} 09'$, the azimuth of Polaris, to the W. from her direction at 7h. 48m. p.m., l.m.t., and mark the line thus determined with a tack in a stake set firmly in the ground 5.00 chs. N. of my station. This line falls $0^{\circ} 00' 18''$ of measured arc to the W. of the line previously established.

I mark the mean of these two lines with a tack in a stake set firmly in the ground 5.00 chs. N. of my station, and from the corresponding meridian, all the courses stated in these field notes were deflected and referred by continuous sustained angulation.

Latitude $32^{\circ} 37' 30''$ N., and Longitude $110^{\circ} 42' 00''$ W.

at cor. to secs. 4, 5, 8 and 9, T. 10 S., R. 16 E.,

G. and S. R. B. and M., taken from the special instructions of the Surveyor General, which gives Latitude $32^{\circ} 38' 25''$ N., and Longitude $110^{\circ} 42' 10''$ W. at cor. No. 1 of this survey. It was not practicable to check the latitude by direct observation.

My watch is set for standard 105th meridian time, with which I compared it on October 19, 1914. I subtract 22m. 49s. therefrom for l.m.t.

October 20, 1914, at 8h. 00m. a.m., l.m.t., I observe the magnetic declination at cor. No. 1 of this survey

to be $14^{\circ} 02'$ E., which reduced gives a mean magnetic declination of $13^{\circ} 59'$ E.

RETRACEMENTS

Thence West.

On a random from cor. to secs. 32, 33, 4 and 5, Ts. 9

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains and 10 S., R. 16 E., G. and S. R. B. and M., which is
a granite stone 8 x 6 x 5 ins. above ground, chiseled
4 notches on the E. edge and 2 notches on the W. edge,
with a mound of stone W. of cor.

40.08 I fall 2 lks. N. of the 1/4 sec. cor. to secs. 5 and 32,
which is a granite stone 8 x 8 x 5 ins. above ground,
marked and witnessed as described by the Surveyor Gen-
eral.

Thence N. 89° 58' E.
On a true line from the 1/4 sec. cor. to secs. 5 and 32,
heretofore described.

20.04 Set temporary point for NW. cor. of Lot 1.

26.91 Set temporary point.

40.08 Cor. to secs. 4, 5, 32 and 33, heretofore described.

Thence South.

On a random line from cor. to secs. 4, 5, 32 and 33,
heretofore described.

44.06 I fall 4 lks. E. of the 1/4 sec. cor. to secs. 4 and 5,
which is a granite stone 8 x 8 x 4 ins. above ground,
marked and witnessed as described by the Surveyor Gen-
eral.

Thence N. 0° 03' E.
On a true line from the 1/4 sec. cor. to secs. 4 and 5,
heretofore described.

20.05 Set temporary point for SE. cor. of Lot 1.

44.06 Cor. to secs. 4, 5, 32 and 33, heretofore described.

Thence West.

On a random line from the 1/4 sec. cor. to secs. 4 and
5, heretofore described.

79.84 I fall 21 lks. S. of the 1/4 sec. cor. to secs. 5 and 6,
which is a granite stone 10 x 10 x 6 ins. above ground,

CORONADO NATIONAL FOREST

STATE OF ARIZONA

155

Chains marked and witnessed as described by the Surveyor General.

Return course S. 89° 51' E.

Thence North.

On a random line from the 1/4 sec. cor. to secs. 5 and 8, which is a quartzite stone 12 x 6 x 7 ins. above ground, marked and witnessed as described by the Surveyor General.

39.98 Intersect the E. and W. median line.

83.97 I fall 32 lks. E. of the 1/4 cor. to secs. 5 and 32, heretofore described.

Thence S. 0° 13' E.

On a true line from the 1/4 sec. cor. to secs. 5 and 32, heretofore described.

23.97 I mark the SW. cor. to Lot 2.

43.99 Center of sec. 5, from which the 1/4 cor. to secs. 4 and 5, heretofore described, bears S. 89° 51' E., 39.79 chs. dist. and the 1/4 sec. cor. to secs. 5 and 6 bears N. 89° 51' W., 40.05 chs. dist.

83.97 To the 1/4 sec. cor. to secs. 5 and 8, heretofore described.

Thence S. 89° 51' E.

On a true line from center Sec. 5, which is temporarily marked as heretofore described.

19.89½ Set temporary point for the SE. cor. SW/4 NE/4, sec. 5.

39.79 To the 1/4 sec. cor. to secs. 4 and 5, heretofore described.

Thence East.

On a random line from the SW. cor. of Lot 2, marked as heretofore described.

Chains 19.97 Mark temporary point.

39.94 I fall 5 lks. N. of the SE. cor. to Lot 1, marked as heretofore described.

Return course N. 89° 56' W.

Thence North.

On a random line from the SE. cor. SW/4 NE/4, sec. 5, marked as heretofore described.

44.02 I fall 6 lks. E. of the NW. cor. Lot 1, marked as heretofore described.

Thence S. 0° 05' E.

On a true line from the NW. cor. of Lot 1.

23.99 To the SW. cor. of Lot 1, which I mark temporarily, from which the SW. cor. to Lot 2 bears N. 89° 56' W., 19.97 chs. dist. and the SE. cor. to Lot 1 bears S. 89° 56' E., 19.97 chs.

44.02 To the SE. cor. SW/4 NE/4, sec. 5, marked as heretofore described.

October 20, 1914.

BOUNDARIES OF CLAIM.

October 21, 1914.

Cor. No. 1 and a C. C. on line between secs. 5 and 32, Ts. 9 and 10 S., R. 16 E.

At which point I chisel (+) on a stone 4 x 4 x 2 ins. and deposit it 16 ins. in the ground; over which I set a porphyry stone 26 x 10 x 9 ins., 16 ins. in the ground chiseled (+) at the point, C.C. on the S. face and 1 - H E S 263 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., from which:

A 4 in. black oak, scribed 1 H E S 263 + B T, bears N. 80° 00' W., 17 lks.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains- A 4 in. black oak, scribed 1 H E S 263 + B T,
bears N. 28° 35' E., 43 lks.
Cor. to secs. 4, 5, 32 and 33 bears N. 89° 58' E.,
13.17 chs. dist.
1/4 cor. to secs. 5 and 32 bears S. 89° 58' W.,
26.91 chs. dist.
Cor. H-1 of List 3-2141, which is a granite stone
6 x 6 x 3 ins. above ground, marked and witnessed
as described by the Forest Service, bears East
157 lks. dist. from cor. No. 1 of this survey.
I destroy all trace of this list cor.
Thence S. 0° 05' E.
Ascend rolling NE. slope 10 ft. in undergrowth.
9.00 Cease ascending and descend SE. slope 20 ft.
20.10 Arroyo, 60 lks. wide, banks 3 ft. high, course NE.
Ascend NW. slope 10 ft. in undergrowth.
24.00 To cor. No. 2.
On the S. bdy. of Lot 1. At which point I chisel (+)
on a stone 4 x 3 x 2 ins., and deposit it 18 ins. in
the ground; over which I set a granite stone 28 x 9 x 8
ins., 18 ins. in the ground; chiseled (+) at the point
and 2 - H E S 263 on the NW. face; and raise a mound of
stone 2 ft. base, 1-1/2 ft. high, NW. of cor., from
which:
A 6 in. black oak, scribed 2 H E S 263 + B T,
bears N. 66° 20' E., 39 lks.
A 10 in. black oak, scribed 2 H E S 263 + B T,
bears S. 77° 50' W., 49 lks.
Cor. H-2 of List 3-2141, which is a granite stone
8 x 6 x 4 ins. above ground, marked and witnessed
as described by the Forest Service bears East 148

Chains, 1 lks. dist. from cor. No. 2 of this survey. I de-
stroy all trace of this list cor.

Thence N. 89° 56' W.

Along S. bdy. of Lot 1. Descend NW. slope 5 ft. in
undergrowth.

5.09 Arroyo, 40 lks. wide, banks 4 ft. high, course NE.
Ascend SE. slope 15 ft. in undergrowth.

6.87 To cor. No. 3.

Identical with the SW. cor. Lot 1 and with cor. H-3
of List 3-2141, which is a granite stone 8 x 4 x 5 ins.
above ground, marked and witnessed as described by the
Forest Service. I destroy cor. H-3 and its witnesses;
and for cor. No. 3 of this survey, I chisel (+) on a
stone 4 x 4 x 2 ins. and deposit it 20 ins. in the
ground; over which I set a basalt stone 30 x 9 x 9 ins.,
20 ins. in the ground, chiseled (+) at the point and
3 - H E S 263 on the NE. face; and raise a mound of
stone 2 ft. base, 1-1/2 ft. high, NE. of cor., from
which:

A 6 in. black oak, scribed 3 H E S 263 + B T,
bears N. 65° 45' E., 113 lks.

A 9 in. black oak, scribed 3 H E S 263 + B T,
bears S. 7° 35' W., 56 lks.

Thence N. 0° 05' W.

Ascend rolling S. slope 10 ft.

21.90 Ridge bears NE. and SW. Descend N. slope 25 ft. in
undergrowth.

23.99 To cor. No. 4 and a C. C. on N. bdy. sec. 5.

Identical with the NW. cor. Lot 1 and with cor. H-4 of
List 3-2141, which is a granite stone 12 x 4 x 5 ins.
above ground, marked and witnessed as described by the

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains Forest Service. I destroy cor. H-4 and its witnesses;
 and for cor. No. 4 of this survey, I chisel (+) on a
 stone 4 x 4 x 2 ins. and deposit it 17 ins. in the
 ground; over which I set a granite stone 27 x 9 x 5 ins.,
 17 ins. in the ground, chiseled (+) at the point, C C
 on the S. face and 4 - H E S 263 on the SE. face; and
 raise a mound of stone 2 ft. base, 1-1/2 ft. high, S.
 of cor., from which:

A 5 in. black oak, scribed 4 H E S 263 + B T,
 bears S. 23° 20' E., 27 lks.

A 5 in. black oak, scribed 4 H E S 263 + B T,
 bears N. 35° 00' W., 4 lks.

Cor. to secs. 4, 5, 32 and 33, bears N. 89° 58' E.,

20.04 chs.

1/4 cor. to secs. 5 and 32 bears S. 89° 58' W.,

20.04 chs.

Thence N. 89° 58' E.

Along N. bdy. sec. 5. Ascend along N. slope 5 ft. in

undergrowth.

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

AREA

Total area - - - - - 16.48 acres

IMPROVEMENTS

The improvements made upon and for the benefit of this
 homestead are all upon his original entry which embraces
 Lots 2, 3 and 4, except that this tract is enclosed by
 a fence which is entirely on the outside of this survey.

Estimated value ----- \$ 75.00

DESCRIPTION

This claim is situated on the N. slope of the Santa Catalina Mountains at an elevation of approximately 3900 ft. and is chiefly valuable for stock raising. There is no timber in this section. Some small black oak grows upon this area. The only water is obtained from wells for domestic purposes and stock. The soil is decomposed granite and sandy loam and is used for grazing. Dry farming has not been profitable in this section. Some mineral is reported to have been found a few miles South of this claim but no townsites, mining, coal or oil claims are known to have been located near this homestead. Oracle post office is 4 miles by road in a Westerly direction. Tucson railway station is 39 miles by road in a Southwesterly direction. There are no conflicts. Lots 2, 3 and 4, which were patented to Frank Dailey on August 14, 1913, adjoin this claim on the W.

TRAVERSE

Cor.	Course	Dist.	N	S	E	W
1-2	S. 0° 05' E.	24.00		24.00	0.03	
2-3	N. 89° 56' W.	6.87	0.01			6.87
3-4	N. 0° 05' W.	23.99	23.99			0.03
4-1	N. 89° 58' E.	6.87	0.00		6.87	
		61.73	24.00	24.00	6.90	6.90
			24.00		6.90	
	Error in Lat. and Dep.		0.00		0.00	

Closing error None.

Survey completed October 21, 1914.

Walter J. Purley
Surveyor - Forest Service

DIRECTIONS.—1. Carry out calculation 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. 263, STATE OF ARIZONA Coronado.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
1-2	S. 0° 05' E.	24.00		24 00	0 03		13 77		330 48
2-3	N. 89° 56' W.	6.87	0 01		6 87		6 93	0 07	
3-4	N. 0° 05' W.	23.99	23 99		0 03		0 03	0 72	
4-1	N. 89° 58' E.	6.87	0 00		6 87		6 87		
		61.73	24 00	24 00	6 90	6 90	0 79	0 79	330 48
			24 00	24 00	6 90	6 90			339 69
								Area -	16 484
	Closing error	None.							

161

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APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona JUL 12 1917 , 191

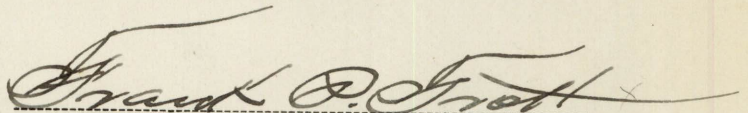
The foregoing field notes of Homestead Entry Survey No.

263

executed by **Walter G. Turley, Surveyor,**

[Forest Service Title.]

under his special instructions, dated *Sept. 16*, 1914, 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.

FRANK P. TROTT

U. S. Surveyor General.