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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

JUN 5-1917 E-3-1916

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 285

SITUATED IN THE

CORONADO

NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 22, -- surveyed, Township 21 S., Range 18 E.

Section 27, -- surveyed, Township 21 S., Range 18 E.

~~----- (Survey awaiting approval) -----~~

~~-----~~

of the

Gila and Salt River Base and Meridian.

ARIZONA.

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

Under special instructions dated October 17, 1914 ✓

Survey commenced December 8, 1914

Survey completed December 10, 1914

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

Applicant for listing Thaddeus B. Titus, ✓

Residence Canille, Arizona. ✓

Add'l. Application No. 72, dated July 28, 1908 ✓

Application No. 72, dated August 28, 1907 ✓

List No. 1270 ✓, dated April 1, 1908

List No. 3-802 ✓, dated October 31, 1910.

Applicant for survey Thaddeus B. Titus,

Residence Canille, Arizona.

H. E. No. 0279, dated July 25, 1908 ✓

H. E. No. 014798, dated July 17, 1911. ✓

Land district Phoenix, Arizona.

100

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. 285, in
-- surveyed Section 22, Township 21 S., Range 18 E.,
-- surveyed Section 27, Township 21 S., Range 18 E.,
-- ~~(Survey awaiting approval)~~ --
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. Hudson - Chairman.
Charles G. Baech - Chairman.

Subscribed and sworn to before me this 21st day of

January, 1915.

Walter G. Turley
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
October 17, 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
Lists No. 1270 & No. 3-802, dated April 1, 1908 & Oct. 31, 1910, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 285,
situated within the Coronado National Forest, in
-- surveyed Section 22, Township 21 S., Range 18 E., and
-- surveyed Section 27, Township 21 S., Range 18 E.,
-- ~~(Survey awaiting approval)~~ --
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. Turley
Surveyor - Forest Service

Subscribed and sworn to before me this 23rd day of

February, 1915.

Elsie C. Myers
Notary Public



Chains

Applicant for listing Thaddeus B. Titus; Application No. 72, dated August 28, 1907 and July 28, 1908; Lists Nos. 1270 and 3-802, dated Apr. 11, 1908 and October 31, 1910; Homestead Entries Nos. 0279 and 014798; made in the Phoenix Land Office on July 25, 1908 and July 17, 1911 by Thaddeus B. Titus whose postoffice address is Canille Arizona.

Surveyed under Acts of June 11, 1906, and June 30, 1914; and special instructions from the Surveyor General for Arizona, dated October 17, 1914, and designated as Homestead Entry Survey No. 285.

Situated in secs. 22 and 27, T. 21 S., R. 18 E., (Surveyed and approved), G. & S. R. B. & M., within the Coronado National Forest, Arizona.

Survey commenced December 8, 1914, and executed with a W. & 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

Chains

stadia rod, graduated to feet and hundredths, provided with two targets the verniers of which read to thousandths of a foot.

December 8, 1914.
I set up my transit over cor. H-7 of List 3-802 which is a limestone 8 x 8 x 8 ins. above ground; marked and witnessed as described by the Forest Service; and, with telescope direct, I observe Polaris in accordance with instructions at 6h. 00m., 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. $31^{\circ} 34' 24''$ N. and long. $110^{\circ} 29' 44''$ W.

Astron. l.m.t., obsn. Dec. 7, 1914 30h. 00.0m.

Astron. l.m.t., U.C. Pol. Dec. 7, 1914 8h. 25.3m.

Hour angle Pol. at obsn. 21h. 34.7m.

Time argument 23h. 56.1m.

Azimuth Pol. at obsn. $0^{\circ} 47' 06''$ E.

With my transit set up over cor. H-7 of List 3-802 heretofore described, and the telescope reversed in altitude and azimuth, at 6h. 09m., 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. Dec. 7, 1914 30h. 09.0m.

Astron. l.m.t., U.C. Pol. Dec. 7, 1914 8h. 25.3m.

Hour angle Pol. at obsn. 21h. 43.7m.

Time argument 23h. 56.1m.

Azimuth of Pol. at obsn. $0^{\circ} 44' 30''$ E.

December 8, 1914.

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STATE OF ARIZONA

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December 9, 1914.

I turn off $0^{\circ} 47'$, the azimuth of Polaris, to the W. from her direction at 6h. 00m. p.m., l.m.t., Dec. 8, 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 $0^{\circ} 44\frac{1}{2}'$, the azimuth of Polaris, to the W. from her direction at 6h. 09m. 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 $0^{\circ} 00'.14''$ 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 $31^{\circ} 33' 08''$ N. and Longitude $110^{\circ} 29' 38''$ W.

at cor. to secs. 2 and 3, T. 22. S., R. 18. E., taken from the special instructions of the Surveyor General which reduced gives Lat. $31^{\circ} 34' 24''$ N. and Long. $110^{\circ} 29' 44''$ W. at cor. No. 1 of this survey. It was not possible to check the Latitude by direct observation. My watch is set for standard 105th meridian time from which I subtract 21m. 59s. for l.m.t.

Observed magnetic declination 8h. 00m. a.m., December 8, 1914 at cor. No. 1 is $13^{\circ} 50'$ E., which reduced gives a mean magnetic declination of $13^{\circ} 49'$ E.

RETRACEMENT

Thence West.

On a random line from cor. to secs. 22, 23, 26 and 27,

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T. 21 S., R. 18 E. (Survey awaiting approval), which is a standard iron post with brass cap marked and witnessed as described by the Surveyor General.

41.23 To W. C. 1/4 secs. 22 and 27, which is a standard iron post with brass cap marked and witnessed as described by the Surveyor General.

Return course East.

Thence West.

On a random line from W. C. 1/4 cor. Secs. 22 and 27.

38.83 Cor. to secs. 21, 22, 27 and 28, which is a standard iron post with brass cap marked and witnessed as described by the Surveyor General.

Return course East.

I also retrace the boundaries of Lists Nos. 1270 and 3-802 and compute the area to be 160.38 acres. I

therefore determine the position of cor. No. 1 of this survey to be N. 34° 19' E., 34 lks. from cor. H-7 of

List 3-802.

TIE

Thence S. 3° 40' E.

On a random line from the point for cor. No. 1 of this survey.

117.13 I fall 14 lks. to the left of cor. to secs. 2 and 3, T.

22 S., R. 18 E. (surveyed and accepted), which is a quartzite stone 12 x 5 x 5 ins. above ground, chiseled with 2 notches on the E. edge and 4 notches on the W. edge, with mound of stone N. of cor., from which:

A 6 in. oak, scribed T 22 S R 18 E S 3 B T,

bears S. 61° 00' W., 178 lks.

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Chains	<p>A 14 in. oak, scribed T-22 S R 18 E S 2 B T, bears N. 1° 15' S. 2° 45' E. 84 lks. to cor. No. 1.</p>
	<p>BOUNDARIES.</p> <p>Thence N. 3° 36' W. 10 x 8 x 8 ins. above ground marked and witnessed as herebefore described by the Forest Service.</p> <p>On a true line.</p> <p>117.13 To cor. No. 1. At which point I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 14 ins. in the ground; over which I set a sandstone 24 x 12 x 8 ins., 14 ins. in the ground; chiseled (+) at the point and 1 - H E S 285 on the NW. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor. from which:</p> <p>A 10 in. black oak, scribed 1 H E S 285 + B T, bears N. 1° 25' E. 40 lks.</p> <p>A 10 in. black oak, scribed 1 H E S 285 + B T, bears S. 1° 30' W. 67 lks.</p> <p>Cor. H-7 of list 3-802 which is a limestone 8 x 8 x 6 ins. above ground marked and witnessed as herebefore described bears S. 4° 19' W. 34 lks. from cor. No. 1 of this survey. I destroy all trace of this list cor. 10 x 12 x 12 limestone chiseled (+) at the point and 1 - H E S 285 on the NW. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NW. of cor. from which:</p> <p>Thence N. 85° 43' W. Descend W. slope 5 ft. in open.</p>
1.33	Wire fence bears N. and S. Enter pasture. Over bottom.
10.53	Arroyo 60 lks. wide, banks 2 ft. high, course N.
15.04	To cor. No. 2. 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 limestone 26 x 8 x 6 ins., 16 ins. in the ground; chiseled (+) at the point and 2 - H E S 285 on the NE. face and dig pits 24 x 24 x 12 ins., crosswise on

Chains

this and the succeeding course 7 ft. dist. and raise a mound of stone 4 ft. base, 2 ft. high, 3-1/2 ft. NE. of cor.

Cor. H-8 of list 3-802, which is a rhyolite stone 10 x 8 x 8 ins. above ground, marked and witnessed as described by the Forest Service, bears S. 3° 13' W. 34 lks. from cor. No. 2 of this

survey. I destroy all trace of this list cor.

Thence N. 3° 13' E. . .

Over open grassy bottom.

5.00 Leave bottom bears NE. and SW. Ascend rolling E. slope 20 ft.

32.25 Ridge bears NE. and SW. Descend N. slope 15 ft.

34.16 To cor. No. 3. . .

Identical with cor. H-9, of List 3-802, which is a sandstone 10 x 8 x 7 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor.

H-9 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 14 ins. in the ground; over which I set a limestone 24 x 12 x 10 ins., 14 ins. in the ground; chiseled (+) at the point and 3 - H E S 285 on the NE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor. from which:

A 12 in. black oak, scribed 3 H E S 285 + B T,

bears S. 73° 36' W. 91 lks.

A 6 in. black oak, scribed 3 H E S 285 + B T,

bears S. 43° 20' E. 103 lks.

Thence N. 71° 41' W. . .

Pass from list 3-802 to 1270.

Ascend E. slope 10 ft. in open.

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2.40 Ridge bears ENE. and WSW. Descend rolling N. slope 20 ft.

24.50 Arroyo 200 lks. wide, banks 2 ft. high, course NE. Ascend E. slope 20 ft.

30.29 To cor. No. 4.

And a closing corner on line between secs. 22 and 27 at which point I chisel (+) on a stone 3 x 3 x 2 ins., and deposit it 14 ins. in the ground; over which I set a sandstone 24 x 10 x 8 ins., 14 ins. in the ground; chiseled (+) at the point, C C on ESE. face and 4 - H E S 285 on the N. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, ESE. of cor. Pits impracticable. No bearings available.

W. C. 1/4 S. 22 and 27 bears east 8.19 chs.

Cor. to secs. 21, 22, 27 and 28 bears west 30.64 chs.

Thence N. 71° 41' W.

Ascend E. slope 10 ft. in open.

1.20 Ridge bears N. and S. Descend W. slope 10 ft.

2.50 Fence bears N. and S.

7.40 Arroyo 80 lks. wide, banks 15 ft. high, course N. Ascend SE. slope 20 ft.

21.08 To cor. No. 5.

Identical with cor. H-6 of list 1270, which is a granite stone 10 x 8 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-6 and its witnesses; and, for cor. No. 5 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 limestone 30 x 16 x 6 ins., 20 ins. in the ground; chiseled (+) at the point and 5 - H E S 285 on the NE.

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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 5 H E S 285 + B T,
bears S. 6° 57' E. 296 lks.

Pits impracticable. No other bearings available.

Thence N. 23° 58' E.

Over rolling SE. slope in open.

6.60 Small ravine (water course) course E.

20.46 To cor. No. 6.

Identical with cor. H-1 of list 1270, which is a granite stone 12 x 8 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-1 and its witnesses; and, for cor. No. 6 of this survey, 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 9 x 7 ins., 16 ins. in the ground; chiseled

(+) at the point and 6 - H E S 285 on the SSE. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SSE. of cor. from which:

A 9 in. black oak, scribed 6 H E S 285 + B T,
bears N. 0° 23' W. 195 lks.

The improvements are also witnesses to this cor.

Note: I destroy the F. S. M. to which the list

survey was tied which is a granite stone 10 x 10

x 8 ins. above ground marked and witnessed as

described by the Forest Service and bears S.

87° 30' W. 2.07 chs. from cor. No. 6.

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Thence S. 79° 08' E.

Open mesa along fence.

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16.05	Cor. fence; fence bears E. and westerly along line.
21.23	To cor. No. 7.
	Identical with cor. H-2 of List 1270, which is a conglomerate stone 12 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-2 and its witnesses; and, for cor. No. 7 of this survey, I chisel (+) on a stone 4 x 4 x 3 ins. and deposit it 18 ins. in the ground; over which I set a porphyry stone 28 x 9 x 8 ins., 18 ins. in the ground; chiseled (+) at the point, 7 - H E S 285 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., from which: A 10 in. black oak, scribed 7 H E S 285 + B T, bears N. 12° 30' W., 288 lks. A 6 in. black oak, scribed 7 H E S 285 + B T, bears N. 68° 00' W., 258 lks. Note: Cor. No. 7 is under fence, which bears N. 10° 42' E., and S. 10° 42' W.
	Thence S. 10° 42' W. Descend open SE. slope 5 ft. along fence.
11.42	Cor. fence; fence bears N. 10° 42' E. and S. 78° 45' E.
11.43	To cor. No. 8.
	Identical with cor. H-3 of List 1270, which is a granite stone 10 x 10 x 6 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-3 and its witnesses, and, for cor. No. 8 of this survey, I chisel (+) on a stone 4 x 3 x 2 ins., and deposit it 15 ins. in the ground, over which I set a granite stone 25 x 12 x 6 ins., 15 ins. in the ground; chiseled (+) at the point and 8 - H E S 285 on the SW. face, and dig pits 24 x 24 x 12 ins. crosswise on this

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Chains	and the succeeding course, 3-1/2 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, SW. of cor. No bearings available.
	Thence S. 78° 45' E. Descend open SE. slope along fence 35 ft.
7.62	Cor. fence; fence bears NE. and along line.
21.84	Cor. fence; fence bears N. and along line.
23.75	Arroyo, 70 lks. wide, banks 2 ft. high, course N.
28.95	Arroyo, 100 lks. wide, banks 2 ft. high, course N.
34.00	Leave bottom, bears N. and S. Ascend W. slope 15 ft.
41.02	To cor. No. 9. Identical with cor. H-4 of List 1270, which is a granite stone 12 x 8 x 5 ins. above ground, marked and witnessed as described by the Forest Service. I destroy cor. H-4 and its witnesses; and, for cor. No. 9 of this survey, I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 16 ins. in the ground, over which I set a quartzite stone 26 x 9 x 8 ins., 16 ins. in the ground; chiseled (+) at the point and 9 - H E S 285 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., from which: A 9 in. black oak, scribed 9 H E S 285 + B T, bears S. 7° 45' W., 177 lks. A 9 in. black oak, scribed 9 H E S 285 + B T, bears N. 84° 51' W., 205 lks.
	Thence S. 11° 03' W. Open W. slope.
2.14	To cor. No. 10. And a closing corner on line between secs. 22 and 27, at which point I chisel (+) on a stone 4 x 4 x 2 ins., and deposit it 14 ins. in the ground; over which I set

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a quartzite stone 24 x 8 x 7 ins., 14 ins. in the ground; chiseled (+) at the point, C C on the N. face, and 10 - H E S 285 on the W. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. 11° 03' E. of cor. from which:

A 9 in. black oak scribed 10 H E S 285 + B T,
bears N. 28° 14' E. 38 lks.

A 10 in. black oak, scribed 10 H E S 285 + B T,
bears S. 88° 35' E. 41 lks.

Cor. secs. 22, 23, 26 and 27 bear East 2.53 chs.

Thence S. 11° 03' W.

Descend rolling W. slope 10 ft. in open.

12.60 Fence bears NNE. and WSW.

13.60 Arroyo 30 lks. wide, banks 2 ft. high, course W. Ascend NE. slope 5 ft.

14.26 To cor. No. 11.

Identical with cor. H-5 of list 1270 and 3-802, which is a granite stone 12 x 8 x 6 ins. above ground marked and witnessed as described by the Forest Service. I destroy cor. H-5 and its witnesses; and, for cor. No. 11 of this survey, I chisel (+) on a stone 3 x 3 x 2 ins., and deposit it 14 ins. in the ground; over which I set a sandstone 24 x 12 x 10 ins., 14 ins. in the ground; chiseled (+) at the point and 11 - H E S 285 on the W. face and raise a mound of stone 2 ft. base, 1-1/2 ft. high, W. of cor. from which:

A 9 in. black oak, scribed 11 H E S 285 + B T,
bears S. 12° 17' E. 134 lks.

Pits impracticable. No other witnesses available.

Thence S. 4° 19' W.

Leave list 1270 and enter list 3-802.

Ascend NE. slope 15 ft. in open.

Chains

1.40 Spur bears NE. and SW. Descend rolling W. slope 15 ft.
30.78 To cor. No. 1, the place of beginning.

AREA.

Sec. 22- - - - -76.45 acres.
Sec. 27- - - - -83.51 acres.
Total- - - - -159.96 acres.

IMPROVEMENTS.

A frame shed 40 x 12 ft., the long side extending N.
25° E. and S. 25° W., and the N. cor. of which bears
S. 18° 10' W. 110 lks. from cor. No. 6 of this survey.

Estimated value- - - - - \$100.00

A windmill and well 4 x 4 x 40 ft. deep, the center of
which bears S. 19° 00' E. 6.28 chs. from cor. No. 6
of this survey.

Estimated value- - - - - \$200.00

A frame dwelling 30 x 30 ft. the long side extending
NW. and SE. and the N. cor. of which bears S. 14° 50' W.
236 lks. from cor. No. 6 of this survey.

Estimated value- - - - - \$350.00

An earth embankment for a water tank 25 x 50 ft. on top
and 5 ft. high, the long side extending E. and W. and
the NW. cor. of which bears S. 42° 37' E. 3.14 chs.
from cor. No. 6 of this survey.

Estimated value- - - - - \$150.00

A 4 room adobe dwelling 30 x 30 ft. the long side ex-
tending E. and W. and the NW. cor. of which bears S.
50° 15' E. 4.80 chs. from cor. No. 6 of this survey.

Estimated value- - - - - \$750.00

An adobe store house 12 x 8 ft. the long side extending
E. and W. and the NW. cor. of which bears S. 41° 10' E.
5.10 chs. from cor. No. 6 of this survey.

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Estimated value- - - - - \$ 25.00

Approximately 4 miles of wire fencing.

Estimated value- - - - - \$400.00

Approximately 2 acres of cultivated land.

DESCRIPTION.

This claim is situated on the NE. slope of the Canelo Hills at an elevation of approximately 5000 ft. and is chiefly valuable for stock raising.

There is no timber in this section. A few scattering oak are included in this survey. Sufficient water for domestic purposes and stock is obtained from the well. None is used for irrigation.

The bottom soil is a dark loam and would be productive if cultivated. Small grains and corn were raised on the small patch.

This is not reported to be a mineralized section and no townsites, mining, coal, or oil claims are known to have been located in this vicinity.

Canille postoffice is 3 miles by wagon road in a southerly direction. Elgin railway station is 8 miles by wagon road in a northerly direction.

There are no conflicts or adjoining claims. Cor. No. 8, list 3-2986, which is identical with cor. to secs. 21, 22, 27 and 28 bears S. 58° 17' W. 12.51 chs. from cor. No. 5 of this survey.

Chains

TRAVERSE IN SEC. 22.

Cer.	Course.	Dist.	N.	S.	E.	W.
4-5	N. 71° 41' W.	21.08	6.62			20.01
5-6	N. 23° 58' E.	20.46	18.70		8.31	
6-7	S. 79° 08' E.	21.23		4.00	20.85	
7-8	S. 10° 42' W.	11.43		11.23		2.12
8-9	S. 78° 45' E.	41.02		8.00	40.23	
9-10	S. 11° 03' W.	2.14		2.10		0.41
10-4	West.	46.89				46.89
			164.25	25.32	25.33	69.39
					25.32	69.39
Error in lat. and dep.					0.01	0.04

Closing error 1:3984.

TRAVERSE IN SEC. 27.

Cor.	Course.	Dist.	N.	S.	E.	W.
1-2	N. 85° 43' W.	15.04	1.12			15.00
2-3	N. 3° 13' E.	34.16	34.11		1.92	
3-4	N. 71° 41' W.	30.29	9.52			28.76
4-10	East.	46.89			46.89	
10-11	S. 11° 03' W.	14.26		14.00		2.73
11-1	S. 4° 19' W.	30.78		30.69		2.32
			171.42	44.75	44.69	48.81
				44.69		48.81
Error in lat. and dep.				0.06		0.00

Closing error 1:2857

Survey completed December 10, 1914.

Walter J. Purley
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. 285, STATE OF ARIZONA.

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.	
			North.	South.	East.	West.						
Sec. 22	4-5	N. 71° 41' W.	6 62			20 01	20 00	132 40				
	5-6	N. 23° 58' E.	18 70		8 31		8 31	155 40				
	6-7	S. 79° 08' E.		4 00	20 85		37 48			149 92		
	7-8	S. 10° 42' W.		11 23		2 12	56 22			631 35		
	8-9	S. 78° 45' E.		8 00	40 23		94 34			754 72		
	9-10	S. 11° 03' W.		2 10		0 41	134 17			281 76		
	10-4	West	00			46 89	86 88	0 87				
		164.25	25 32	25 33	69 39	69 43		288 67	1817 75			
			25 33	25 33	69 41	69 41			288 67			
		Closing error 1:3984						Area	1529 08			
									76 45			
Sec. 27	1-2	N. 85° 43' W.	1 12			15 00	68 68	76 23				
	2-3	N. 3° 13' E.	34 11		1 92		55 60	1895 96				
	3-4	N. 71° 41' W.	9 52			28 76	28 76	273 51				
	4-10	East		0 00	46 89		46 89		0 94			
	10-11	S. 11° 03' W.		14 00		2 73	91 05		1274 70			
	11-1	S. 4° 19' W.		30 69		2 32	86 00		2640 20			
		171.42	44 75	44 69	48 81	48 81		2245 70	3915 84			
			44 72	44 72	48 81	48 81			2245 70			
		Closing error 1:2857						Area	1670 14			
									83 51			

115

F.M.H.

APPROVAL

Office of the United States Surveyor General,

Phoenix, Arizona JUL 12 1917 , 191

The foregoing field notes of Homestead Entry Survey No.

285

executed by

Walter G. Turley, Surveyor.

[Forest Service Title.]

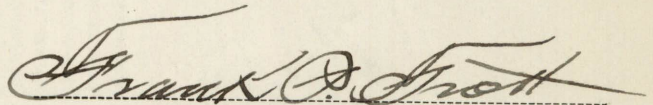
under his special instructions, dated

Oct. 17 , 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.