

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

SEP 3-1911

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 115

SITUATED IN THE

-----CROOK----- NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

in

Section 4, un surveyed, Township 1 S., Range 15 E.

of the

Gila and Salt River Principal Meridian.

Arizona

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

Under special instructions dated October 30, 1913

Survey commenced January 16, 1914

Survey completed January 16, 1914

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

Applicant for listing Angelo Dimario

Residence Globe, Arizona

Application No. 96, dated April 19, 1909

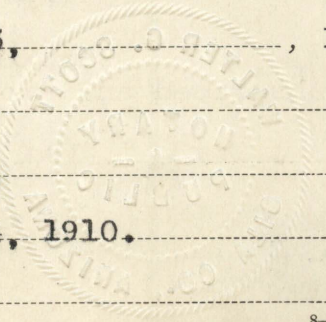
List No. 3-320, dated November 3, 1909

Applicant for survey Angelo Dimario

Residence Globe, Arizona.

H. E. No. 09508, dated March 24, 1910.

Land district Phoenix, Arizona.



58

86

OATH OF ASSISTANTS

We hereby certify that we assisted Walter G. Turley,
Forest Service Surveyor. in surveying all those
parts or portions of Homestead Entry Survey No. 115, in
un surveyed Section 4, Township 1 S., Range 15 E.,
--- surveyed Section -----, Township -----, Range -----,

of the G. & S. R. P. 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 inconvenient and ex-
pensive to appear before an
officer to administer the
oaths to assistants; hence
they were taken by the
Surveyor.

Benjamin F. Habours, Chainman.
Joseph H. Woolsey, Chainman.

Subscribed and sworn to before me this 2nd day of
February, 1914.

Walter G. Turley
Forest Service Surveyor.

OATH OF SURVEYOR

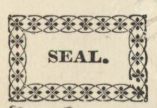
I, Walter G. Turley, Forest Service Sur do solemnly swear
that, in strict conformity with the special instructions of
the United States Surveyor General for Arizona, dated
October 30, 1913, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, sur-
veyed a tract of land ~~upon the application of~~ embraced in
List, No. 3-320, dated November 3, 1909, for
Patent, under the Act of June 11, 1906,
the same to be known as Homestead Entry Survey No. 115,
situated within the CROOK National Forest, in
un surveyed Section 4, Township 1 S., Range 15 E., and
--- surveyed Section -----, Township -----, Range -----,

of the G. & S. R. P. 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
Forest Service Surveyor

Subscribed and sworn to before me this 21st day of
February, 1914.

Walter G. Scott
Notary Public



8-2249

My Commission expires July 1, 1917

CROCK NATIONAL FOREST

ARIZONA

Chains

Applicant for listing, Angelo Dimario; Application No.

96, dated April 19, 1909; List No. 3-320, dated November 3, 1909; H. E. No. 09508, made at Phoenix, Arizona, March 24, 1910 by Angelo Dimario.

Surveyed under special instructions from the Surveyor General for Arizona, dated October 30, 1913, and designated as Homestead Entry Survey No. 115.

Situated in unsurveyed T. 1 S., R. 15 E., G. and S. R. B. and Meridian, in what will probably be, when surveyed, Sec. 4, within the Crook National Forest, Arizona.

Listed under the Act of June 11, 1906, and survey authorized by the Acts of August 10, 1912 and March 4, 1913.

Survey commenced January 16, 1914, and executed with a

W. and L. E. Gurley light mountain transit No. 12953,

with vertical circle and Burt solar attachment; the

horizontal limb having two double verniers placed opposite and reading to single minutes of arc, which is also the least graduation of the verniers on the latitude and declination arcs.

The instrument was tested and all necessary adjustments made to the levels, line of collimation, stadia interval and solar attachment.

The stadia is adjusted to read 1:132; and all measurements were made on the slope, and reduced to the horizontal, with a 400 link steel tape and a Philadelphia stadia rod graduated to feet and hundredths with target verniers reading to thousandths.

January 16, 1914:

At 8h.00m. a.m., l.m.t., I set off $20^{\circ} 58' S.$ on the decl. arc and $33^{\circ} 21'$ on the lat. arc and determine a

meridian with the solar at cor. No. 1 of H. E. S. 113,

60

Chains

C. W. Shepard. I turn off the bearing of line 1-2, S. 63° 30' E. and my line of sight falls upon the cross which is cor. No. 2, H. E. S. 113, 9.98 chs. dist. Therefore I conclude that my transit is in satisfactory adjustment.

January 16, 1914:

I retrace the public land lines as follows:

At 9 h. 00 m. a.m., l.m.t., I set off 20° 59' S. on the decl. arc and 33° 23' on the lat. arc and determine a meridian with the solar at the S. C. Secs. 33 and 34, T. 1 N., R. 15 E., which is a granite stone 8 x 8 x 6 ins. above ground, marked and witnessed as

described by the Surveyor General.

Thence East:

28.06 Intersect line H-3 to H-4 of the list survey at a point S. 15° 05' E. 35 lks. dist. from cor. H-4, which is a granite stone 16 x 10 x 8 ins. above ground, marked and witnessed as described by the Forest Service.

36.94 Point for cor. H-1 of the list survey, which has been destroyed, but I locate the point by the stumps of the bearing trees.

39.70 St. 1/4 Sec. Cor. Sec. 34, T. 1 N., R. 15 E., which is a granite stone 12 x 4 x 8 ins. above ground, marked as described by the Surveyor General. I restore this

cor. but, in order to be more certain of its position, I continue East.

78.90 S. C. Secs. 34 and 35, which is a porphyry stone 18 x 10 x 8 ins. above ground, marked and witnessed as described by the Surveyor General.

I proceed to cor. H-1 of the list survey and set a schist

CROOK NATIONAL FOREST

ARIZONA

Chains stone 28 x 14 x 9 ins. 14 ins. in the ground over a small stone marked with a cross (+) for cor. No. 1 of this survey, marked 1-HES115 on the SW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high SW. of cor. from which:

S.C. Secs. 33 and 34 bears West 36.94 chs.
 St. 1/4 Sec. Cor. Sec. 34 bears East 2.76 chs.

The improvements are also witnesses to this cor. Pits impracticable. No other bearings available.

I observe the magnetic declination at cor. No. 1 of this survey to be 14° 30' E. at 9 h. 00 m. a.m., l.m.t., which reduced by Table "G", Manual 1894, Diurnal Variation in Magnetic Declination, gives a mean magnetic declination of 14° 28' E. Lat. 33° 22' 33" N., Long. 110° 47' 09" W., as obtained from Special Instructions from the Surveyor General

Thence S. 14° 30' E. Ascend W. slope 50 ft. to spur. 5.45 Spur bears E. and W. Descend 30 ft. to ravine. 19.50 Ravine, course W. Ascend 20 ft. to spur. 23.40 Spur bears NW. and SE. Descend 25 ft. to bottom. 27.55 Enter bottom bears NW. and SE. Continue over bottom in undergrowth. 35.50 Leave bottom, bears N. and S. and ascend NW. slope 25 ft. to cor. 40.45 To Cor. No. 2. Identical with cor. H-2 of the list survey, which is an imbedded granite stone 24 x 24 x 12 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of the list cor. and mark a cross (+) at the apex of the same stone for cor. No. 2 of this survey, and 2-HES115 on the NW. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NW. of cor. from which:

62

Chains $1/4$ sec. $1/4$ cor. No. 1. $1/4$ sec. $1/4$ cor. No. 2. $1/4$ sec. $1/4$ cor. No. 3. $1/4$ sec. $1/4$ cor. No. 4. $1/4$ sec. $1/4$ cor. No. 5. $1/4$ sec. $1/4$ cor. No. 6. $1/4$ sec. $1/4$ cor. No. 7. $1/4$ sec. $1/4$ cor. No. 8. $1/4$ sec. $1/4$ cor. No. 9. $1/4$ sec. $1/4$ cor. No. 10. $1/4$ sec. $1/4$ cor. No. 11. $1/4$ sec. $1/4$ cor. No. 12. $1/4$ sec. $1/4$ cor. No. 13. $1/4$ sec. $1/4$ cor. No. 14. $1/4$ sec. $1/4$ cor. No. 15. $1/4$ sec. $1/4$ cor. No. 16. $1/4$ sec. $1/4$ cor. No. 17. $1/4$ sec. $1/4$ cor. No. 18. $1/4$ sec. $1/4$ cor. No. 19. $1/4$ sec. $1/4$ cor. No. 20. $1/4$ sec. $1/4$ cor. No. 21. $1/4$ sec. $1/4$ cor. No. 22. $1/4$ sec. $1/4$ cor. No. 23. $1/4$ sec. $1/4$ cor. No. 24. $1/4$ sec. $1/4$ cor. No. 25. $1/4$ sec. $1/4$ cor. No. 26. $1/4$ sec. $1/4$ cor. No. 27. $1/4$ sec. $1/4$ cor. No. 28. $1/4$ sec. $1/4$ cor. No. 29. $1/4$ sec. $1/4$ cor. No. 30. $1/4$ sec. $1/4$ cor. No. 31. $1/4$ sec. $1/4$ cor. No. 32. $1/4$ sec. $1/4$ cor. No. 33. $1/4$ sec. $1/4$ cor. No. 34. $1/4$ sec. $1/4$ cor. No. 35. $1/4$ sec. $1/4$ cor. No. 36. $1/4$ sec. $1/4$ cor. No. 37. $1/4$ sec. $1/4$ cor. No. 38. $1/4$ sec. $1/4$ cor. No. 39. $1/4$ sec. $1/4$ cor. No. 40. $1/4$ sec. $1/4$ cor. No. 41. $1/4$ sec. $1/4$ cor. No. 42. $1/4$ sec. $1/4$ cor. No. 43. $1/4$ sec. $1/4$ cor. No. 44. $1/4$ sec. $1/4$ cor. No. 45. $1/4$ sec. $1/4$ cor. No. 46. $1/4$ sec. $1/4$ cor. No. 47. $1/4$ sec. $1/4$ cor. No. 48. $1/4$ sec. $1/4$ cor. No. 49. $1/4$ sec. $1/4$ cor. No. 50. $1/4$ sec. $1/4$ cor. No. 51. $1/4$ sec. $1/4$ cor. No. 52. $1/4$ sec. $1/4$ cor. No. 53. $1/4$ sec. $1/4$ cor. No. 54. $1/4$ sec. $1/4$ cor. No. 55. $1/4$ sec. $1/4$ cor. No. 56. $1/4$ sec. $1/4$ cor. No. 57. $1/4$ sec. $1/4$ cor. No. 58. $1/4$ sec. $1/4$ cor. No. 59. $1/4$ sec. $1/4$ cor. No. 60. $1/4$ sec. $1/4$ cor. No. 61. $1/4$ sec. $1/4$ cor. No. 62. $1/4$ sec. $1/4$ cor. No. 63. $1/4$ sec. $1/4$ cor. No. 64. $1/4$ sec. $1/4$ cor. No. 65. $1/4$ sec. $1/4$ cor. No. 66. $1/4$ sec. $1/4$ cor. No. 67. $1/4$ sec. $1/4$ cor. No. 68. $1/4$ sec. $1/4$ cor. No. 69. $1/4$ sec. $1/4$ cor. No. 70. $1/4$ sec. $1/4$ cor. No. 71. $1/4$ sec. $1/4$ cor. No. 72. $1/4$ sec. $1/4$ cor. No. 73. $1/4$ sec. $1/4$ cor. No. 74. $1/4$ sec. $1/4$ cor. No. 75. $1/4$ sec. $1/4$ cor. No. 76. $1/4$ sec. $1/4$ cor. No. 77. $1/4$ sec. $1/4$ cor. No. 78. $1/4$ sec. $1/4$ cor. No. 79. $1/4$ sec. $1/4$ cor. No. 80. $1/4$ sec. $1/4$ cor. No. 81. $1/4$ sec. $1/4$ cor. No. 82. $1/4$ sec. $1/4$ cor. No. 83. $1/4$ sec. $1/4$ cor. No. 84. $1/4$ sec. $1/4$ cor. No. 85. $1/4$ sec. $1/4$ cor. No. 86. $1/4$ sec. $1/4$ cor. No. 87. $1/4$ sec. $1/4$ cor. No. 88. $1/4$ sec. $1/4$ cor. No. 89. $1/4$ sec. $1/4$ cor. No. 90. $1/4$ sec. $1/4$ cor. No. 91. $1/4$ sec. $1/4$ cor. No. 92. $1/4$ sec. $1/4$ cor. No. 93. $1/4$ sec. $1/4$ cor. No. 94. $1/4$ sec. $1/4$ cor. No. 95. $1/4$ sec. $1/4$ cor. No. 96. $1/4$ sec. $1/4$ cor. No. 97. $1/4$ sec. $1/4$ cor. No. 98. $1/4$ sec. $1/4$ cor. No. 99. $1/4$ sec. $1/4$ cor. No. 100.

Thence N. 88° 35' W.

Descend W. slope 20 ft. to creek bed.

0.60 Enter bottom, bears N. and S.

4.40 Water course in Russell Gulch, 50 lks. wide, banks 4 ft. high, course N. Ascend E. slope 25 ft. to cor.

8.53 To cor. No. 3.

Identical with cor. H-3 of the list survey, which is a gray quartzite stone 14 x 12 x 6 ins. above ground, marked and witnessed as described by the Forest Service.

I destroy this list cor. and at this point I set a mica schist stone 28 x 9 x 9 ins. 18 ins. in the ground over a small stone marked with a cross (+) for cor. No. 3 of

this survey, marked 3-HES115 on the NE. face; and raise a mound of stone 2 ft. base, 1-1/2 ft. high NE. of cor. from which:

A cedar 8 ins. dia. bears N. 63° 40' E. 47 lks.

dist. marked 3 H E S 115 B T.

No other bearings available. Pits impracticable.

Thence N. 15° 05' W.

Descend along rolling NE. slope 30 ft. to cor.

40.34 Intersect the G. & S. R. Base line at a point 28.06 chs. East of S.C. Secs. 33 and 34, heretofore described, and 11.64 chs. W. of St. 1/4 Cor. Sec. 34, heretofore

described, at which point I set a quartzite boulder 26 x 14 x 4 ins. 16 ins. in the ground over a small

stone marked with a cross (+) for cor. No. 4 of this

survey, marked 4-HES115-CC. on the SE. face; and raise

a mound of stone 2 ft. base, 1-1/2 ft. high SE. of cor.

from which:

CROOK NATIONAL FOREST

ARIZONA

Chains which cross (+) on an imbedded mica schist stone
 26 x 15 x 12 ins. above ground marked
 H E S. 115 B R bears S. 88° E. 55 lks. dist.
 No other bearings available. Pits impracticable.
 I destroy list cor. H-4, heretofore described, which
 bears N. 15° 05' W. 35 lks. dist. from cor. No. 4 of
 this survey.

Thence East.
 Along the G. & S. R. B. & Meridian. Along N. slope in
 undergrowth.
 0.50 Spur bears NE. and SW. Descend E. slope 20 ft. to bottom.
 2.50 Enter bottom, bears NW. and SE. Continue in undergrowth.
 4.00 Water course in Russell Gulch, 60 lks. wide, banks 1 ft.
 high, course NE.
 4.70 Fence, bears NE. and SW. Enter cultivated land.
 8.74 Fence, bears N. and S. Leave cultivated land.
 8.76 Road, bears N. and S.
 8.88 To cor. No. 1 of this survey, the place of beginning.

January 16, 1914.

Note: The sun was obscured at apparent noon, therefore a latitude observation was not possible.

Area of Homestead Entry Survey No. 115.

Total area 33.89 acres.

Improvements.

The improvements made upon and for the benefit of this homestead and belonging to Angelo Dimario, the claimant herein, consist of the following:

A well 4 x 4 x 40 ft. deep, the center of which bears
 S. 3° 50' W. 3.10 chs. dist. from cor. No. 1 of this
 Survey. Value \$300.00

Handwritten signature and notes

Chains A frame dwelling 16 x 24 ft. the long side of which bears N. and S. and the NE. cor. of which bears S. 3° 18' W. 3.22 chs. dist. from cor. No. 1 of this survey. Value \$500.00

A frame shed 15 x 30 ft. the long side of which bears E. and W. and the NE. cor. of which bears S. 5° 39' W. 4.12 chs. dist. from cor. No. 1 of this survey. Value \$100.00

A two story frame stable 20 x 40 ft. the long side of which bears N. and S. and the NE. cor. of which bears S. 19° 30' W. 4.68 chs. dist. from cor. No. 1 of this survey. Value \$250.00

General Description

This claim is situated on Russell Gulch at an elevation of approximately 3,750 feet, and is chiefly valuable for farming and stock raising. The soil is a sandy loam and produces any crop raised in the temperate zone.

There appears to be no mineral on this claim.

Globe postoffice and Arizona Eastern Railway station is 3-1/2 miles in a northeasterly direction.

Latitudes, Departures and Closing Errors

Bearing	Distance	Latitude		Departure	
		N	S	E	W
S. 14° 30' E.	40.45		39.16	10.13	
N. 88° 35' W.	8.53	.21			8.53
N. 15° 05' W.	40.34	38.95			10.50
East	8.88			8.88	
	98.20	39.16	39.16	19.01	19.03
			39.16		19.01
Error in Lat. and Dep.			.00		.02
Closing Error	1:4910				

Walter J. Turley
Forest Service Surveyor.

DIRECTIONS.—1. Carry out the area in acres 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

Angelita L. Linares P. E. S. 115

No.	COURSE	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
	<i>S. 14° 30' E.</i>	<i>4045</i>		<i>3916</i>	<i>1013</i>		<i>2790</i>		<i>109256</i>
	<i>N. 88° 35' W.</i>	<i>853</i>	<i>21</i>			<i>853</i>	<i>2951</i>	<i>620</i>	
	<i>N. 15° 05' W.</i>	<i>4034</i>	<i>3895</i>			<i>1058</i>	<i>1049</i>	<i>40859</i>	
	<i>East</i>	<i>888</i>			<i>888</i>		<i>888</i>		
		<i>9820</i>	<i>3916</i>	<i>3916</i>	<i>1901</i>	<i>1903</i>		<i>41479</i>	<i>109256</i>
			<i>3916</i>	<i>3916</i>	<i>1902</i>	<i>1902</i>			<i>41479</i>
									<i>167777</i>
									<i>3389 = Area</i>
	<i>Closing Error = 1:4910</i>								

APPROVAL

Office of the United States Surveyor General,
Phoenix, Arizona,
December 10, 1914 .

The foregoing field notes of Homestead Entry Survey No.

115

Angelo Dimario

executed by Walter G. Turley, Forest Service Surveyor,
under his special instructions, dated October 30, 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.