

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 299

SITUATED IN THE **CORONADO** NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 16 , unsurveyed, Township 24 S. , Range 19 E.
In Section 17 , unsurveyed, Township 24 S. , Range 19 E.
In Section 20 , unsurveyed, Township 24 S. , Range 19 E.
In Section 21 , unsurveyed, Township 24 S. , Range 19 E.

MAR 24 1918
JAN - 7 1921

of the

Gila and Salt River Base Meridian.

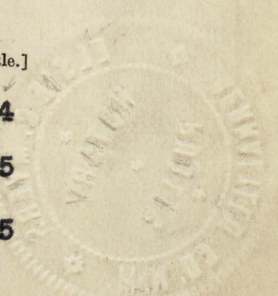
State of
Arizona

8-30-21 filed & ack.

Applicant for listing **Rafael Leon, Jr.**
Residence **Parker Canyon, Arizona**
Application No. **134** , dated **December 24** , 19**08**
List No. **3-514** , dated **May 6,** , 19**10**

Applicant for survey **Rafael Leon, Jr.**
Residence **Parker Canyon, Arizona**
H. E. No. **011946** , dated **August 17** , 19**10** *Rel. 12-23-15*
Land District **Phoenix, Arizona**

Survey executed by **R. P. A. Johnson, Surveyor Draftsman**
[Forest Service Title.]
Under special instructions dated **October 17,** , 19**14**
Survey commenced **February 28,** , 19**15**
Survey completed **March 3,** , 19**15**
Under Acts of **June 11, 1906 and June 30, 1914.**



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OATH OF ASSISTANTS

We hereby certify that we assisted **R. P. A. Johnson,**
Surveyor Draftsman [Forest Service Title.] in surveying all those

parts or portions of Homestead Entry Survey No. **299**, 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.

H. J. Roberts Chairman
C. E. Baecht Chairman

Subscribed and sworn to before me this *twenty six* day of *March*, 19 *15*.

R. P. A. Johnson
Surveyor Draftsman

OATH OF SURVEYOR

I, **R. P. A. Johnson, Surveyor Draftsman**
[Forest Service Title.]

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, surveyed a tract of land embraced in List No. 3-514, dated May 6, 1910, and a tract of

land upon the application of **Rafael Leon, Jr.**

Application, No. **134**, dated **December 24, 1908**, for Patent, under the Act of **June 11, 1906**, the same to be known as Homestead Entry Survey No. **299**, situated within the **Coronado** National Forest, in unsurveyed Section **16**, Township **24 S.**, Range **19 E.**, and unsurveyed Section **17**, Township **24 S.**, Range **19 E.** and unsurveyed Section **20**, Township **24 S.**, Range **19 E.** and unsurveyed Section **21**, Township **24 S.**, Range **19 E.** 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.

R. P. A. Johnson
Surveyor Draftsman
[Forest Service Title.]

Subscribed and sworn to before me this *twenty-eight* day of *September*, 19 *15*.

Elmer C. Myers
Notary Public



8-2349

My Commission expires April 26, 1918.

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains

Applicant for listing, Rafael Leon, Jr.; Application No. 134, dated December 24, 1908; List No. 3-514, dated May 6, 1910; H.E. 011946 made in the Phoenix Land Office on August 17, 1910 by Rafael Leon, Jr. Also a tract of unlisted land adjoining claimant's entry was included in this survey; the land is agricultural in character, was desired by the entryman and will be listed as a basis for amendment of his entry.

Surveyed under special instructions from the Surveyor General for Arizona, dated October 17, 1914, and designated as Homestead Entry Survey No. 299.

Situated in T. 24 S., R. 19 E., in what will probably be, when surveyed, secs. 16 and 17, 20 and 21, Gila and Salt River Base and Meridian, Coronado National Forest.

Surveyed under the Acts of June 11, 1906 and June 30, 1914.

Survey commenced February 28, 1915 and executed with a Buff to Buff transit.

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.

The courses of this survey were deflected from and referred to the meridian established by me at Cor. No. 1, H E S 298, which is also cor. No. 4 of this survey, by direct solar obsn. on February 27, 1915.

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains

RETRACEMENT.

I retrace the International boundary line bet. United States and Mexico from Bdy. Post 106 to 105 as follows:

February 28, 1915:

Beginning at International Monument No. 106, which is a cement monument 5 ft. square at base and 10 ft. high, marked 106 on W. face.

Thence N. 89°43'E.

On a true line bet. United States and Mexico.

322.50 To International Monument No. 105 which is an iron monument 6 ft. high, marked 105 on W. face.

BOUNDARIES OF CLAIM.

March 1, 1915.

Beginning at cor. No. 1.

Identical with cor. H-2 of List 3-3099 which is a gneiss stone 7 x 2 x 6 ins. above ground, marked H-2 on the NW. face. No witnesses. Alongside this stone

and 91 lks. (60 ft). north of the International line

I set a diorite stone 24 x 10 x 6 ins. 14 ins. in the ground over a small stone marked with a cross, chisel-

ed 1 - H E S 299 on NE. face and raise a mound of

stone 3 ft. base, 2 ft. high, NE. of corner, from

which no witnesses are available. Pits impracticable

International Monument No. 106 bears S. 89°16'W.,

115.29 chs. dist. by direct measurement.

Lat. 31°20'N. Long. 110°26'W., from Hereford quadrangle,

U.S.G.S.

Mag. Va. at 9 a.m. 13°15'E. Mean mag. decl. 13° 12' E.

March 1, 1915.

CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains

March 3, 1915.

Thence N. 0°12'W.

Over unlisted land, along line H-2, H-3 of List 3-3099 over level land.

Cor. H-3 of which is in plain sight from Cor. No. 1; of this survey. Fence on line.

12.00 To cor. No. 2.

At this point I set a quartzite stone 24 x 12 x 6 ins. 14 ins. in the ground over a small stone marked with a cross, chiseled 2 H E S 299 on SE. face, and raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor. from which no witnesses are available. Pits impracticable.

Thence N. 89°43'E.

Desc. 55 ft. to arroyo.

4.70 Arroyo, 15 lks. wide, banks 1 ft. high, course S. Asc.

55 ft. to bench.

9.50 Bench. Asc. 15. ft. over bench to cor.

36.39 To cor. No. 3.

At this point I set a sandstone 24 x 18 x 10 ins., 14 ins. in the ground over a small stone marked with a cross, chiseled 3 H E S. 299 on SE. face, and raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor. Whence:

A black oak, 6 ins. dia., bears S. 38°W. 68 lks. dist., scribed 3 H E S. 299 + B T.

A white oak, 8 ins. dia., bears S. 37°E. 133 lks. dist., scribed 3 H E S 299 + B T.

Thence N. 15°35'W.

Leave unlisted land and enter listed land.

Desc. 25 ft. to foot of hill, along fence.

CORONADO NATIONAL FOREST

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STATE OF ARIZONA

Chains

6.50 Fence, bears E. and W. Base of hill, thence along foot

of hill.

15.55 Road, bears NW. and SE.

20.75 Road, bears NE. and SW.

26.75 Base of hill. Asc. 25 ft. to point of hill.

27.95 Fence, bears NE. and SW.

30.00 Top of hill. Desc. 20 ft. to cor.

33.18 To Cor. No. 4. Also cor. No. 1 of H E S. 298.

Identical with cor. H-4 of list 3-514 and cor. H-1 of

List 3-515, which is a granite stone 4 x 6 x 6 ins.

above ground, marked and witnessed as described by the

Forest Service. I destroy all trace of the list cor.

and at this point set a porphyry stone 24 x 10 x 8 ins.

14 ins. in the ground over a small stone marked with

a + chiseled 4 - H E S 299 on the SE. face, and 1 H E

S 298 on NE. face, and raise a mound of stone 3 ft.

base, 2 ft. high NW. of cor. (impracticable to place

mound in any other position) whence:

A black oak, 7 ins. dia., bears S. 12° 15' E.,

78 lks. dist., scribed 4 H E S 299 + B T.

A black oak, 12 ins. dia., bears M. 64° 30' W.,

204 lks. dist. scribed 4 H E S 299 + B T.

A white oak, 20 ins. dia., bears S 47° 18' W., 107

lks. dist., scribed 1 H E S 298 + B T.

A black oak, 14 ins. dia., bears N 31° 57' W., 330

lks. dist., scribed 1 H E S 298 + B T.

Thence S. 89° 51' E.

Along line 1-4 of H E S 298.

Desc. 10 ft. to wash.

0.02 Corral fence, bears NNW. and SSE.

1.00 Corral fence, bears NNW. and SSE. Fence on line.

2.32 Road, bears NW. and SE.

CORONADO NATIONAL FOREST

5.

STATE OF ARIZONA

Chains

- 2.50 Fence cor. Fence bears N. and along line.
- 2.60 Road, bears N. and S.
- 7.28 Fence cor. Fence bears N. and SW. and along line.
- 11.72 Pleasant Valley Wash, 77 lks. wide, banks 3 ft. high, course S. Asc. 10 ft. to base of hill.
- 15.02 Fence cor. Fence bears S., NE. and along line.
- 15.52 Cor. No. 4, H. E. S. 298 which is a diorite stone 12 x 8 x 10 ins. above ground chiseled 4- H E S 298 on the NW. face with mound of stone to NW. Leave H. E. S. 298. Foot of hill. Asc. 35 ft. to top of ridge.
- 21.90 Top of ridge. Desc. 35 ft. to wash.
- 31.30 Wash, 20 lks. wide, banks 1 ft. high, course SSE. Asc. 15 ft. to cor.
- 35.96 To cor. No. 5.

At this point I set a diorite stone 24 x 10 x 7 ins. 14 ins. in the ground, over a small stone marked with a cross, chiseled 5 - H E S 299 on SW. face; and raise a mound of stone 3 ft. base, 2 ft. high, SW. of cor.

from which:

A black oak 12 ins. dia., bears N. 41° 30' W., 262 lks. dist., scribed 5 H E S 299 + B T.

A black oak 18 ins. dia., bears N. 52° 15' W., 290 lks. dist., scribed 5 H E S 299 + B T.

Cor. H-3 of the list survey, which is a quartzite stone 8 x 6 x 6 ins. above ground, marked and witnessed as described by the Forest Service, bears North 17 lks. I destroy all trace of the list cor.

Thence S. 26° 04' W.

Desc. 15 ft. to mouth of draw. Fence on rim.

- 3.60 Mouth of draw, 1 ch. wide, course W. Desc. 10 ft. along base of hill to cor.

Chains

19.85 To cor. No. 6.

Identical with cor. H-2 of the list survey which is a quartzite stone 8 x 6 x 7 ins. above ground, marked and witnessed as described by the Forest Service. I destroy all trace of this list cor. in place of which I set a quartzite stone 24 x 12 x 6 ins. 14 ins. in the ground, over a small stone marked with a cross, chiseled 6 - H E S 299 on W. face; and raise a mound of stone 3 ft. base, 2 ft. high, W. of cor., from which:

- A white oak, 12 ins. dia., bears S. 80° 29' E.,
115 lks. dist., scribed 6 H E S 299+B T.
- A white oak, 16 ins. dia., bears S. 63° 40' E.,
106 lks. dist., scribed 6 H E S 299+B T.

Thence S. 0° 13' E.

Asc. 10 ft. along foot W. slope. Fence on line.

11.00 Top ascent. Desc. 15 ft. to cor.

26.01 To cor. No. 7.

At this point I set a quartzite stone 24 x 12 x 10 ins. 14 ins. in the ground, over a small stone marked with a cross, chiseled 7 - H E S 299 on NW. face; and raise a mound of stone 3 ft. base, 2 ft. high NW. of cor., from which:

- A white oak, 10 ins. dia., bears N. 46° 15' W.,
404 lks. dist., scribed 7 H E S 299+B T.
- A juniper, 60 ins. dia., bears N. 60° W., 352
lks. dist., scribed 7 H E S 299+B T.

Cor. H-1 of list survey, which is a quartzite

stone 12 x 10 x 8 ins. above ground, marked and witnessed as described by the Forest Service, bears N. 0° 05' E., 9 lks. dist. I destroy all trace of this list cor.

THE CORONADO NATIONAL FOREST

STATE OF ARIZONA

Chains
Thence S. 89° 43' W.
On a parallel with International line 60 ft. (91 lks)
-dist.-----
Fence on line. Desc. 5 ft. to arroyo.
2.82 Enter arroyo, 29 lks. wide, banks 1 ft. high, course S.
-Asc. 60 ft. to bench.
8.00 Road, bears SSE. and NNW.
14.97 Cor. H-5 of the list survey, which is a quartzite stone
-10 x 3 x 7 ins. above ground, marked and witnessed as
described by the Forest Service. I destroy all trace
of this list cor. Leave listed and enter unlisted
land. Leave fence, fence bears NE. Desc. 25 ft. to

arroyo.
19.00 Arroyo, 8 lks. wide, banks 1 ft. high, course SSE.
Asc. 25 ft. to bench.
45.00 Edge of bench. Desc. 40 ft. to draw.
49.00 Arroyo, 20 lks. wide, banks 1 ft. high, course S.
Asc. 40 ft. to cor.
54.70 To cor. No. 1, the place of beginning.

AREA

Listed Area ----- 100.43 acres
Unlisted Area ----- 45.76 acres
Total Area ----- 146.19 acres

IMPROVEMENTS

The improvements made upon and for the benefit of this
homestead and belonging to the claimant consist of
the following:
A frame dwelling 36 x 15 ft., the long side of which
bears N. and S. and the NE. cor. of which bears S.
21° 51' E., 9.40 chs. dist. from cor. No. 4.

Value ----- \$150.00

Chains A shed 10 x 10 ft. the long side of which bears N. and S. and the NE. cor. of which bears S. 81° 36' E., 10.65 chs. dist. from cor. No. 4.

Value ----- \$30.00

A well 47 ft. deep, bears S. 28° 20' E., 9.00 chs. dist. from cor. No. 4.

Value ----- \$50.00

A well 20 ft. deep bears S. 16° 50' W., 11.50 chs. dist. from cor. No. 6.

Value ----- \$35.00

There is approximately 2 1/4 miles of wire fence.

Value ----- \$275.00

DESCRIPTION.

This claim is situated in Pleasant Valley on the International line. The general slope of the land is to the south, and consists mainly of bottom land with flat top to west and north.

There is no timber on this tract.

There is no water for irrigation. Water for domestic purposes is obtained from a 47 ft. well.

The soil of the bottom land is a rich sandy loam and produces fair crops without irrigation. On the benches the soil is gravelly running to rocky on slopes and of doubtful agricultural possibilities but is good grazing land.

I saw no indications of mineral upon this claim.

CONFLICTS AND ADJOINING CLAIMS.

There are no known conflicts. H.E.S. 298 joins this claim on the North. List 3-3099 which adjoins this claim on the West was surveyed by Forest Service Surveyor C. A. Long, in May 1917, and is designated as H.E.S. No. 531.

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains Parker Canyon is the nearest post office and is six miles west. Nogales, the nearest railway point is 35 miles to west. Both are reached by good wagon road.

TRAVERSE.

Cor.	Course	Dist.	N	S	E	W	
1-2	N 00° 12' W.	12.00	12.00			.04	
2-3	N 89° 43' E	36.39	.18		36.39		
3-4	N 15° 35' W	33.18	31.96			8.91	
4-5	S 89° 51' E	35.96		1.09	35.96		
5-6	S 26° 04' W	19.85		17.83		8.72	
6-7	S 00° 13' E	26.01		26.01	.10		
7-1	S 89° 43' W	54.70		.27		54.70	
			218.09	44.14	44.20	72.45	72.37
					44.14	72.37	
Error in lat. and Dep.					.06	.08	

Closing error, 1:2181.

Survey completed March 3, 1915.

R. P. Johnson
Surveyor Draftsman

NATIONAL FOREST

STATE OF ARIZONA

Chains

Parker Canyon is the nearest post office and is six miles west. Nogales, the nearest railway point is 66 miles to west. Both are reached by good wagon road.

Chains

TRAVEL

Cor.	Course	Dist.	N	S	E	W
1-2	N 00° 12' W	12.00	12.00			
2-3	N 89° 43' E	22.39		1.18	22.39	
3-4	N 15° 35' W	22.18		21.96	8.91	
4-5	S 89° 51' E	22.96		1.09	22.96	
5-6	S 20° 04' W	19.86		17.83	8.73	
6-7	S 00° 15' E	22.01		22.01	10	
7-1	S 89° 43' W	24.70		27	24.70	
		218.09	44.14	44.20	44.25	44.27
			44.14	44.25		
			08	08		

Error in lat. and Dep.

Closing error, 1:2181.

Survey completed March 3, 1915.

Surveyor Dr. J. H. ...

APPROVAL

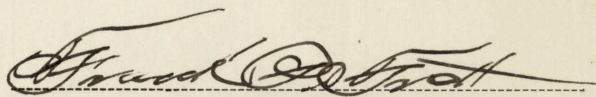
Office of the United States Surveyor General,

PHOENIX, ARIZ. January 15, 1921

The foregoing field notes of Homestead Entry Survey No.

299

executed by R. P. A. Johnson, Surveyor-Draftsman
[Forest Service Title.]
under his special instructions, dated October 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.