41.3.

MAI 24. 1918

JAN -7.1921

# 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.

of the

Gila and Salt River Base&Meridian.

State of Arizona

8-30-21 filed & ach.

Applicant for listing Rafael Leon, Jr.

Residence

Parker Canyon, Arizona

Application No. 134

, dated December 24

, 1908

List No. 3-514

, dated May 6,

, 1910

Applicant for survey Rafael Leon, Jr.

Residence

Parker Canyon, Arizona

H. E. No. 011946

, dated August 17

, 1910 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,

, 1914

Survey commenced February 28,

, 1915

Survey completed March 3,

, 19 15

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

#### OATH OF ASSISTANTS

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

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

chainman

to assistants; hence, they were taken

by the Surveyore

Subscribed and sworn to before me this lu

day of

March , 1915.

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 Ariana, 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 ween, Jr.

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

[Forest Service Title]

Subscribed and sworn to before me this twenty - eight

June 11, 1906 chat June . 0, 191-

September,

19/1.

8-2349

· Elie E. Myere notary Public

My Commission expires April 20, 1918.

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#### 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. Oll946 made in the Phoenix
Iand 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,

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.

Chains boilgga ; .TG , nool RETRACEMENT. atl Tof Justilgga

I retrace the International boundary line bet. United States and Mexico from Bdy. Post 106 to 105 as Jand Office on August 17, 1910 by Reverloon, Jr.

February 28, 1915; betailnu to togit a call

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

. VIJIE

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.

BLID . IS one OS . TI BOUNDARIES OF CLAIM.

Isnoi SMarcharo 1915: Die end wer id 1810 1916 of Horan

Beginning at cor. No. 1.

Situated in T. 24 S., R. 19 H., in what will ordeally

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

The courses of this survey were deiseoteaution against

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

by direct soler oben. on February 27, 191

.vevrue sint to A .ov .roo oals si noidw ,89 March 1, 1915.

# TOORONADO TOTANATIONAL FOREST

# STATE OF ARIZONATATE

Chains	March 3, 1915.
200	Thence N. O°12'W.
	Over unlisted land, along line H-2, H-3 of List 3-3099
	overl 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
30 I-S	a cross, chiseled 2 - H E-S 299 on SE. face, and raise
4.	a mound of stone 3-ft. base, 2 ft. high, SE. of cor.
	from which no witnesses are available. Pits impracti-
. Co ( )	cable. 50 cable.
et o a	
	Thence N. 89°43'E.
	Desc. 55 ft. to arroyo.
4.70	Arroyo, 15 lks. wide, banks.l ft. high; course S. Asc.
	35 ft. to bench.
9.50	Bench. Asc. 15. ft.over bench to cor.
36.39	Toldor. No. 5
	At this point I set a sandstone 24 x 18 x 10 ins., 14
f c 1	ins. in the ground over a small stone marked with a
	cross, chiseled 3 H E S.299 on SE. face, and raise a
701-	mound of stone. 3 ft. base, 2 ft. high, SE. of cor.
	.Whence:
., 600	A black oak, 6 ins. dia., bears S. 38°W. 68 lks.
Jan 1	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.

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# STATE OF ARICONALTS

	Chains	Chains La Chain, La L.
	6.50	Fence, bears E. and W. Base of hill, thence along foot
	6800-3	selof bill Marganora , rest seral received
	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.
	e blan	Identical with cor: H-4 of list 3-514 and cor. H-1 of
	. 7.00	. List 3-515, which is a granite stone 4 x 6 x 6 ins.
-	-i. Kours	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 $24 \times 10 \times 8$ 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., bearsos12°151E., 8
		178 lks. dist., scribed 4 H E S 299 + B T.
		A black oak, 12 ins. dia., bears M. 64° 30'W.,
	A Ashaa	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.
	.ndi	A STATE OF THE STA
	A STATE OF THE STA	Thence S. 89°51'E. 2 2 E a Backtor to be
		Along line 1-4 of H E S 298.
		Desc. 10 ft. to wash 183 of . The board
	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.
	1 1 2 20 1	

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5.

# TO CORONADO NATIONAL FOREST

### STATE OF ARIZONA TRATE

Chains	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.
17012	Pleasant Valley Wash, 77 lks. wide, banks 3 ft. high,
- HOLLIN	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.
and the form a relative to the continues of the continues	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.
10	from which:  E SI x As enote ediction a tes I tuiog and the
	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
Sec	Witnessed as described by the Forest Service
	bears North 17 lks. I destroy all trace of
or f	the list cor.
riced	grone 12 2.10 x 8 ths. gbove ground, me

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.

### CORONADO NATIONAL FOREST

#### STATE OF ARIZONA.

Chains

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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 t B T.

Thence S. 0° 13' E.

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

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

To cor. No. 7. 26.01

.eni

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 1ks. 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.

### CORONADO NATIONAL FOREST

## STATE OF TARIZONA. ATS

Chains	mains A shed 10 x 10 ft. the long side of which beers W.
65 chs.	Thence 5.89.43?w. Wood dollaw to . roo . AN edt bas
	On a parallel with International line 60 ft. (91 1ks)
00.0	_dist oulsv
.tal b	.adoFence on line. Desc. 5dft. to arroyo. Hew A
2.82	Enter arroyo, 29 lks. wide, banks 1 ft. high, course S.
00.0	_Asc60_ft. to_bench.
8.00	.Road, bears .SSE. and .NNW. and good . 17 OS Ilow A
14.97	Cor. H-5 of the list survey, which is a quartzite stone
00.0	10_x_3_x_7_ins. above ground, marked and witnessed as
• 0	described by the Forest Service. I destroy all trace
75.00	of this list cor. Leave listed and enter unlisted
	land. Leave fence, fence bears NE. Desc. 25 ft. to
	arroyoMOITHIADREG
19.00	Arroyo, 8 lks. wide, banks I ft. high, course SSE.
of ai	Asc. 25 ft. oto benches ent entil Isnoitsn
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. aid no reduit on at arent
54.70	To cor. No. 1, the place of beginning.
	purcoses is obtained from a 47 ft, well
end	med the soil of the bottomAREA of the sandy loam
	The soil of the bottomARRA is a rich sandy loam
ort	Listed Area
ori no	Listed Area The State of the St
on no seid	Listed Area
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Form 85. Sheet No. 2.

#### TCORONADO NATIONAL FOREST

STATE OF ARIZONA TATE A shed 10 x 10 ft. the long side of which bears N. and S. Chains and the NE. cor. of which bears 5. 16 36 E. 10.65 chs. (sal 1) dist. from cor. No. 4. tal diw fellers and Value ----- \$30.00 A well. 47 ft. deep, bears S. 28°20'E. 9.00 chs. dist. Enter arroyo, 29 lks. wide, bakson .roommor course S. . 10 Value ----- \$50.00 A well 20 ft. deep bears S. 16°50'W. 11.50 chs. dist. le.97 Cor. H-5 of the list survey, .6h.on .roo mortraite stone 28 bearentiw bas berram, baworg evoovalue -- -- \$35.00 There is approximately 2 - 1/4 miles of wire fence. bet kilnu retre bus betail eveel Value = 1-2141-10-\$275.00 land. Leave fence, fence bears ME. Desc. 25 fd. to DESCRIPTION. . This claim is situated in Pleasant Valley on the International line. The general slope of the land is to

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
- but is good grazing land.

I saw no indications of mineral upon this claim.

to talego toomisto a 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.

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### CORONADO NATIONAL FOREST

STATE OF ARIZONA. MANZ

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.				
Cór.	Cor	rse		Dist.	N	S	E	W
1-2 2-3	N 00°		W.	12.00	12.0		36.39	.04
3-4	N 15°	35'	WE	33.18 35.96	31.9			8.91
5-6	\$ 26° \$ 00°	04'	WE	19.85		17.83		8.72
7-1	S 89°	A STATE OF THE REAL PROPERTY.	W	54.70	44.1	27	0 72.4	54.70
		-		210.03	17.1	11 11 7		

Error in lat. and Dep.

Closing error, 1:2181.

Survey completed March 3, 1915.

Surveyor Draftsman

## HOMESTEAD ENTRY SURVEY NO.

# TERROR JAMOL NATIONAL FOREST

M 00° 12' W. 12.00 12.00 36.89  H 89° 43' L 36.39 .18 36.89  H 15° 35' W 35.18 51.96 8.91  S 89° 51' L 25.96 1.09 85.96  B 26° 04' W 19.85 17.85 8.92  S 30° 15' L 26.01 26.01 36.01 36.01	000 2-2 3-2 5-2 5-2 5-2 7-2 7-2
THAVERED.  Course Dist. N S E W  Course Dist. N S E W  N 00° 12' W. 12.00 12.00  N 18° 43' L 56.39  N 18° 55' W 55.18 51.96 8.95  S 89° 51' R 25.96 11.09 56.96  S 80° 13' E 26.01 26.01  S 80° 45' W 19.85 12.00  S 80° 45' W 54.76 44.20 72.45 74.27  Cor in lat. and Dep  Sing error, 1:2181.	1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
TRAVEREE.  Course Dist. N S E W  A 00° 12° W. 12.00 12.00  H 89° 42° L 56.39  H 18° 55° W 55.18 51.96 8.96  S 89° 51′ H 25.96 1.09 55.96  S 89° 51′ H 19.35 17.85 8.2  S 20° 13° L 26.01  S 89° 43° W 54.70 26.01  218.09 44.14 44.20 72.45 76.27  218.09 44.14 44.20 72.45 76.27  cor in lat. and Dep. 44.16 72.37  A4.16 72.37  A4.16 72.37	Cos 2-2 2-3 3-4 3-4 3-7 5-7 5-7
Course Dist. N S E W  N 00° 12' W. 12.00 12.00  N 18° 45' 1 56.39  N 16° 55' 7 55.38 51.96 8.21  S 89° 51' E 25.96 1.09 35.96  S 80° 15' E 26.01  S 80° 15' E 26.01  S 80° 45' W 54.76  S 80° 45' W 55.80  S	1-2 2-4 3-4 3-4 5-7 5-7 7-1 7-1
M 00° 12' W. 12.00 13.00 .04  B 18° 45' 1 56.39 .16 86.39  M 16° 35' W 35.18 51.96 10.09 35.96  S 80° 51' W 19.85 17.85 8.72  S 00° 15' E 26.01 .10  S 80° 45' W 54.70 .27  S 80° 45' W 54.70 .27  S 18.09 44.14 44.20 72.45 77.57  Sing error, 1:2181.	1-2 2-2 3-4 3-4 3-6 4-7 7-7
### 189° 48' B 56.39  ### 16' 35' W 35.18	8-8 3-4 4-5 4-5 5-7 7-3
or in lat. and Dep	
vey completed March 5, 1915.	010
	TUB .
TOP STREET	
Surveyor Draftsmen	
	•

Form 85. Sheet No. 3.—Revised Feb., 1915.

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 figure above in red ink. Do not change the lengths of the lines.

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.

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-						27	54	.04	77	22	47	75	19										
	S. AREAS.					4	210 5	284 5	113	4972	2048	20 )2923	146										
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HOMESTEAD		North.	12		31					44	##												
OF	DISTANCE.		12,00	36.39	33.18	35.96 /	19,85	26.01	54.70	218.09				1:2181		75.25	15.28	04					
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TABLING															S Ly								
8—2349	CORNERS.		2 - 1	2 - 3	1	1	1		7 - 7						7								

#### 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 Draftaman [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

8-2349

U. S. Surveyor General.