# U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE

# FIELD NOTES

OF

JAN -7.1921

HOMESTEAD ENTRY SURVEY NO. 298

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.

of the

Gila and Salt River Base and Meridian.

State of

ARIZONA.

Applicant for listing Rafael Leon, Sr.

Parker Canyon, Arizona. Residence

Application No. 152 , dated September 12 , 19 09

, 19 10 List No. 3-515 , dated May 5

Applicant for survey Rafael Leon, Sr.

Parker Canyon, Arizona. Residence

H. E. No. 011918 , dated August 8

, 19 10 Rel - 12-23-15

, 19 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.

, 19 15 Survey commenced February 27 Survey completed February 28

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, [Forest Service Title.]

in surveying all those

parts or portions of Homestead Entry Survey No. 298 , 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.

Chainman

Subscribed and sworn to before me this twenty

. 19/5.

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 , 19 14 , 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. 3-515 , dated May 5 , 1910 , for , under the Act of June 11 , 1906 Patent the same to be known as Homestead Entry Survey No. situated within the Coronado National Forest, in , Township 24 S. , Range 19 E. , Township 24 S. , Range 19 E. 16 un surveyed Section un surveyed Section 17

of the G. & S. R. B. & meridian, 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.

Subscribed and sworn to before me this liverity.

1.

# CORONADO NATIONAL FOREST

STATE OF ARIZONA.

Chains

Applicant for listing, Rafael Leon, Sr.; Application No. 152, dated September 12, 1909; List No. 3-515, dated May 5, 1910; H. E. No. 011918 made in the Phoenix Land Office on August 8, 1910 by Rafael Leon, Sr.

Surveyed under special instructions from the Surveyor

General for Arizona, dated October 17, 1914 and

designated as Homestead Entry Survey No. 298.

Situated in T. 24 S., R. 19 E., in what will probably be, when surveyed, secs. 16 and 17, 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 27, 1915, and executed with a Buff and 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.

February 27, 1915.

At 2h. 11.5m., p.m., 1.m.t. I observe the altitude

of the sun for azimuth at cor. No. 1 of this survey.

The reading on the reference object is set at zero

and the sun was observed in the upper left and lower

right quadrants of the field. My watch is set for

local mean time. Latitude 31° 20' 30" N. Long. 110°

25' 40" W. from Hereford Quadrangle U. S. G. S.

30

40"

# TOORONADO TONATIONAL FOREST

#### STATE OF ARIZONA TOTAL

Chains

2.

Telescope Time Horizontal Vertical Angle Angle Angle Oirect 2h lom 48 s 40° 33' 40° 57'

Reverse 2h 12m 17's 40° 17' 41° 16'

Bearing of object N. 00° 05' 06" E.

At 2h. 14.6m., p.m., 1.m.t., I again observe the altitude of sun for azimuth at cor. No. 1. The reading on reference object is set at zero and sun was observed in upper left and lower right quadrants of the field.

Telescope Time Horizontal Vertical Angle

Direct 2h.14m.6s. 41° 28' 40° 31'

Reverse 2h.15m.4s. 41° 02' 40° 52'

Bearing of object N. 00° 03' 32" E.

The mean of these is N. 00° 04' 19" E., and from the corresponding meridian all the courses of this survey were deflected.

# BOUNDARIES OF CLAIM

Beginning at cor. No. 1, which is also Cor. No. 4,
H. E. S. 299.

Identical with cor. H-1 of List 3-515 and Cor. H-4 of List 3-514 which is a granite stone 4 x 6 x 6 ins. above ground marked and withessed as described by the Forest Service. I destroy all trace of this list cor. and at this point I set a porphyry stone 24 x 10 x 8 ins., 14 ins. in the ground over a small stone marked with a cross, chiseled 1 - H E S 298 on NE. face and 4 H E S 299 on SE. face; and raise a mound of stone 3 ft. base, 2 ft. high NW. of cor.; (impractical to place mound in any other position.) whence:

3.

# CORONADO NATIONAL FOREST

# STATE OF ARIZONA.

STATE OF ARIZONA. TATE	
Chains A white oak 20 ins. dia. bears S. 47° 18' W.,	
I eniver dealo7 lks dist., scribed 1 H E S 298 B T.	
doing to so in Ablack oak 14 ins. dia. bears N. 31° 57' W.,	
ni . ani M . and 330 lks. [dist., scribed leHeE S 298 B T.	
oro a d'Cor. to secs. 13, 24, 18 and 19, T. 24 S., Rs.	
based as select 18 and 19 E. which is a diorite stone 10 x 8 x	
and above ground with 3 grooves on N. and S.	
edges, no witnesses, bears S. 85° 54' 57" W.,	
130 °10 . 148.55 chs. by traverse which appears at the	
.T 8 Send of these motes Talk .ami	
International Monument No. 106, a cement monument	
marked No. 106, bears S. 72° 20' 43" W., 149.79	
chs. by traverse which appears at the end of	
these notesg 'OA Pgg .W somen't	
International Monument No. 105, described by	
Surveyor General is outside of prescribed	
de de la	1
Lat. 31° 20' N. Long. 110° 25' 40" W. from Here-	4
ford Quadrangle U. S.nG., S. ansed , medmit metma de.si	
Mag. Var. at 2 p.m. 13° 15' E. Mean Mag. decl. 13°	
ei dentical with cor. H-o of the list swife and	
Alorite Stage 12 to 5 x 8 ins. shave ground, marked	
. Thence N. 4° 31' E. bedirosek as hossentim bas	
doing to a Ascend 20 ft. to point of ridge . Fa you do h I	
0.05 Corral fence, bears NW. and SE. office a jest	
0.70 Corral fence, bears NE. and SW. and Sw.	
4.00 Road, bears NW. and SE. 803 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
11.70 Point hill, descent 30 ft. to draw.	
18.90 Draw, 150 lks. wide, course E. Ascend 30 ft. to point	
ad .wof.hill.aread .aia. ani al .wee world a	
22.50 Point of hill, descend 20 ft. along E. slope to cor.	
39.97 To cor. No. 2. dis. ais and al . Mao Abald A	
Identical with cor. H-4 of the list survey, which	

10089

#### CORONADO NATIONAL FOREST

#### STATE OF ARIZONA

Chains

is a diorite stone 12 x 6 x 8 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 porphyry stone 24 x 18 x 10 ins., 14 ins. in the ground over a small stone marked with a cross chiseled 2 - H E S 298 on SE. face and raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor., from which:

A black oak, 8 ins. dia., bears N. 61° 05' E., 83 lks. dist., scribed 2 H E S 298 B T.

A black oak, 16 ins. dia., bears N. 29° W., 84

Thence N. 89° 40' E.

Descend 15 ft. to wash.

by traverse which appears at the end of

6.87 Road, bears N. and S. Later of the total

Pleasant Valley Wash, 40 lks. wide, banks 2 ft. high, course S. Ascend 30 ft. to cor.

12.95 Enter timber, bears E. and S. Jalanda Dion

14.97 To cor. No. 3. . Tof of .m.q a te . TaV . and

6.95

Identical with cor. H-3 of the list survey, which is a diorite stone 12 x 6 x 8 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 diorite stone 24 x 12 x 8 ins., 14 ins. in the ground over a small stone marked with a cross, chiseled 3 - H E S 298 on SW. face and raise a mound of stone 3 ft. base, 2 ft. high, SE. of cor. from which:

A black oak, 16 ins. dia. bears N. 32' W. 56

lks. dist. scribed 3 H E S 298 B T.

A black oak, 18 ins. dia. bears N. 74° 30' E.

104 lks. dist., scribed 3 H E S 298 B T.

-9340

5. 33 4110

55

## CORONADO NATIONAL FOREST

#### STATE OF ARIZONA

Chains At 3h.33.lm., p. m., I observe the altitude of the sun for azimuth at cor. No. 3 of this survey. The reading on the meridian brought by angulation from cor. No. 1 is set at zero and sun was observed in the upper left and lower right quadrants of the field. My watch is set for local mean time. Latitude 31° 20' 55" N. Longitude 110° 25' 25" W. by account from cor. 25 No. 1. Telescope Time Horizontal Vertical Angle. Angle. 3h. 32m. 42s. 59° 09' 30" 27° 36' Direct 3h. 33m. 35s. 58° 45' 28° 00' 30" Reverse This defines a line which differs 00° 00' 17" from the mod meridian. o some . Mass of . It Ol bassase Thence S. 3° 42 W. . ereal sone T. . ros sone 1 . dd. Descend 10 ft. to ravine. Ravine, 10 lks. wide, course W. Ascend 15 ft. to point. 1.25 Fence cor. Pence, bears W. and alor-Ilidato 8.84 Point of hill. Descend 40 ft. to bottom. 3.25 Foot hill, leave timber and enter cultivated land, 15.00 bears NW. and SE. a bra . W stred .beo? Leave cultivated land, bears NW. and SE. Thence along 26.00 edge of cultivated land. Od di To cor. No. 4: sed to esser edt . I . on . coo of 40.06 On line 5 - 4 of H. E. S. 299. Identical with cor. H-2 of the list survey, which is a diorite stone 8 x 6 x 10 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 diorite stone 24 x 12 x 8 ins., 14 ins. in the ground over a small stone marked with a cross, chiseled 4 - H E S 298 on NW. face and raise a mound of stone 3 ft. base, 2 ft. high, NW. of

#### HOMESTEAD ENTRY SURVEY NO. 298

## CORONADO MATIONAL FOREST

STATE OF ARIZONA.

	-													
Chains cor., whence:	3													
A white oak, 10 ins. dia. bears S. 55° 20' E.														
148 lks. dist., scribed 4 H E S 298 B T.														
A black oak 12 ins. dia., bears N. 73° 38' E.,														
140 lks. dist., scribed 4 H E S 298 B T.														
Cor. 5, H. E. S. 299, a diorite stone 10 x 7 x														
10 ins. above ground, marked 5 H E S 299 on														
SW. face, with mound of stone to SW., bears														
S. 89° 51' E., 20.44 chs. dist. by direct														
measurement.														
Direct SA. 32m. 42s. 58° 09' 30" 27' 36'														
February 28, 1915 Rds . Mdd . Md . Md . Md . Md . Md . Md .														
Thence N. 89° 51' W. delay end a senifed side														
Descend 10 ft. to wash. Fence on line. Along line														
5 - 4 of H E S 299.														
.50 Fence cor. Fence bears S. Continue along fence.														
3.80 Pleasant Valley Wash, 77 lks. wide, banks 3 ft. high,														
course S. Ascend 10 ft. to cor.														
8.24 Fence cor. Fence, bears N. and along line.														
12.92 Road; bears N. and S. bhessed . IIII to falot d.														
13.02 Fence cor. Fence bears N. and along line.														
13.20 Road, bears NW. and SE 30 See - WM aroad														
14.52 Corral fence, bears NNW: and SSE.														
15.50 Corral fence, bears NNW. and SSE.														
15.52 To cor. No. 1, the place of beginning.														
On line 5 - 4 of H. E. S. 299.														
ai de dw . vevrue fell edf to AREA . 100 ditw feetidebl														
Total Area														
and witnessed as described by the Forest Service.														
to sould at . 100 this simprovements. Is worthood I														
A pari 8 w VI v Av prote atimalian tool valide														

The improvements made upon and for the benefit of this claim and belonging to the claimant consist of the following:

An adobe house 50 x 12 ft., the long side of which

. 8 - 1

7.

#### CORONADO NATIONAL FOREST

#### STATE OF ARIZONA.

Chains

bears E. and W., and the SW. cor. of which bears N. 54° 49' E., 7.70 chs. dist. from cor. No. 1.

Value - - - - - \$200.00

An adobe house 21 x 18 ft., the long side of which bears E. and W., and SW. cor. of which bears N. 64°
35' E., 9.16 chs. dist. from cor. No. 1.

of selim o vietami Value 21\_, 291110\_ 1204 180 \$ 75.00

A well 35 ft. deep, the center of which bears N. 65° 53' E., 10.60 chs. dist. from cor. No. 1.

value soil - Velue \$100.00

A dug-out 14 x 10 ft., the long side of which bears

N. and S. and SW. cor. of which bears N. 71° 05' E.

9.88 chs. dist. from cor. No. 1.

Value p - - - - - \$ 40.00

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

SI. SI 80. 88 88 Value 37 - - - - - \$175.00

Adirt dam 85 ft. long bears N. 86° 45' E., 6.30 chs. from cor. No. 1.

To Value - - - - - - - - - \$100.00

#### DESCRIPTION

This claim is situated in Pleasant Valley about three quarters of a mile north of the International line.

The land slopes to the south with low, flat top ridge to east and west.

There is no water for irrigation. Water for domestic use is obtained from a 35 ft. well.

There is no merchantable timber on this tract but there is a small patch of white and black oak in NE. cor.

The soil is a rich sandy loam and produces fair crops without irrigation and would produce good crops with irrigation. The entire tract is bottom land with exception of small strips on NE. and SW. boundaries.

0940

Form 85. Sheet No. 2. FORTH SD.

# CORONADO NATIONAL FOREST

#### STATE OF ARIZONA.

These strips are rocky, non-agricultural. Chains I saw no indication of mineral upon this claim. old to she conflicts and adjoining claims. There are no known conflicting claims. H. E. S. No. 299 joins this claim on the south. Parker Canyon, the o nearest post office, is approximately 6 miles to west, and Nogales, the nearest railroad point is 35 miles to west. Both are reached by good wagon roads. H.E.S. No.533 Surveyed by Forest Service Surveyor C.A. Long on May 1917, lies about 1/4 mile to North. aread deldw to elie TRAVERSE ... Of x 41 Juo-and A Cor. Course Dist. N S E .ano 3.15 39.85 N. 4° 31' E. 39.97 AULAY .09 14.97 2-3 N.89° 40' E. 14.97 3-4 S. 3° 42' W. 40.06 2.59 39.98 15.52 4-1 N.89° 15.52 110.52 39. 98 39.98 18.12 39.98 18.11 Error in lat. and dep. sed and . .00 from cor. No. 1. Closing error 1:11052 Survey completed February 28, 1915.

Surveyor - Draftsman

ooth twods velley inserell mi Surveyor - Draftsman of

The land slopes to the south with low, flat tog

.enti isnoitanreini ent to diron elim a to aretraup

ridge to east and west.

There is no water for irrigation. Water for domestic

use is obtained from a 55 ft. well.

There is no merchaptable timber on this tract b

there is a small paten of white and black oak in

MD. cor.

The soil is a rich sandy loam and produces fair crops

without irrigation and would produce good crops with

irrigation. The entire tract is bottom land with

exception of small strips on TB. and SW. boundaries.

#### HOMESTEAD ENTRY SURVEY NO. 298

#### CORONADO NATIONAL FOREST

STATE, OF ARIZONA.

```
COMPUTATIONS.
Chains
      Azimuth from direct solar on February 27, 1915 at cor.
          No. 1.
Lat. 31 · 20 1 20 1. Long. 110 25 30 W. Elevation 5200.
                                   Horizontal Vertical Position of
moldied Telescope V Time to sirroR
                                   Angle. Angle. sun.
                                                                           material
                                    41 28
                                                 40° 31'
          Direct 2h. 14m. 6s.
          Reverse 2h. 15m. 4s. 41° 02' 40° 52' 40° 52' 40° 52' 40° 52' 40° 52' 40° 41° 25' 40° 41' 30" 40° 41' 30" 40° 40' 35" 40° 40' 35"
                            Decl. 8° 29' 12" S.
                      sin. 8° 29' 12"
cos. 31° 20' 20" x cos. 40° 40' 35"
            tan. 31° 20' 20" x tan. 40° 40' 35"
         log. sin. 8° 29' 12" = +9.169025
log. cos. 31° 20' 20" = -9.931511' 4 990. dis . dol
log. cos. 40° 40' 35" = -9.879900' 15.00 . dol
9.357614' = .22783/02.784 +0
         log. tan. 31° 20' 20" = 9.784574
         log. tan. 40° 40' 35" = 9.934205
                           803504. Cos. Q. = .75116
                                           Q.
                                                = 41° 18' 32"
         Bearing of reference object N. 0° 03' 32" E.
         Azimuth from direct solar on February 27, 1915 at cor.
           No. 1.
                                        Horizontal Vertical Position
                                                       Angle. of sun.
                                           Angle.
         Telescope
                        Time
                                                       40° 57'
                                         40° 33'
                        2 h 10m 48s
           Direct
                                         40° 17'
80° 50'
40° 25'
                                                       41° 16'
                        2h 12m 175
           Reversed
                                                      82° 13'
                      2)4 h 23m 05 s
                                                            06 30"
                        2 h 11 h 32s
                                                       -55" ref. cor.
                        7 h 21m 42s
9 h 33m 14s
                              Decl. 8° 29' 17"
                                8° 29' 17"
                           sin.
                       cos. 31° 20' 20" x 41° 05' 35"
              tan. 31° 20' 20" x tan. 41° 05' 35"
         log. sin. 8° 29' 17" = -9.169096
         log. cos. 31° 20' 20" = +9.931511
         log. cos. 41° 05' 35" = +9.877166
                                      9.360419 = log. .22931
          log. tan. 31° 20' 20" = 9.784574
         log. tan. 41° 05' 25" =
                                      9.940588
                                      9.725162/= log. .53108 /
                                         Cos. Q =
                                                         .76039
                                                   40° 30' 06"
```

Bearing of reference object N. 0° 05' 06" E.

3-2349

Form 85. Sheet No. 2.

CORONADO NATIONAL FOREST

STATE OF ARIZONA.

```
Chains
            . Azimuth from direct solar on February 27, 1915 at cor.
                   No. 3.
                Lat. 31° 20' 45" N. Long. 110° 25' 15" W. Elevation 5200.
         .0098
         Telescope Time Horizontal Angle.
                                                               Vertical Position
                                                                 Angle.
                                                                          of sun.
                   Direct
                               3h. 32m. 42s. 59° 09' 30"
                                                                27° 361
                   Reversed 3h. 33m. 35s. 58° 45' 28° 00' 30" 2)7h. 06m. 17s. 117° 54' 30" 55° 36' 30"
                               3h. 33m. 08s. 58° 57' 15" 27° 48' 15"
f. correction.
                              1' 32"
                                                                27° 46' 43"
                                      Dec. 8° 28' 16".
                Cos. Q. = - sin. 8° 28" 16" cos. 27° 46' 43" -
                          tan. 31° 20' 45" x tan. 27° 46' 43"
                                                                . dia . sol
                9.289932 = log. ..19495
                log. tan. 31° 20' 45" = 9.784693
log. tan. 27° 46' 43" = 9.721615
g. 505. Q. = 58° 56' 58"
                Angle with meridian 0° 00' 17".
           simuth from direct solar on Tebruary 87, 1915 at cor.
                                                                  .L .OH
        Horizontel Vertical Popition
                  .e.EgnA
        . mus 3
                                Angle.
                   400 571
                                40° 38'
                                               8 % 10m 488
                                                                 Direct
                                40° 17'
80° 56'
40° 28'
                   41° 16'
82° 13'
41° 06'
                                               en lem lys
                                              2)4 h Esh Ob s

Sh 11h Ses

7 h Sun 42s

9 h Soh 14s
                -58
41° 05' 36
                                  Decl. 8º 291 17m
                        sin. 8° 29' 17"
cos. 51° 20' 20" x 41° 05' 35"
                                                             - = 6 .800
                            tam. 31° 20' 20" x tan. 41° 05' 35"
                  log. cos. 51° 20' 20" = -9.169096

log. cos. 41° 05' 35" = -9.877166

9.360419 = 10g. .22951

log. tan. 31° 20' 20" = 9.784674

log. tan. 41° 05' 25" = 9.940588

9.725165 = 10g. .53108
                                - 0 .ao0
                 = 40° 80' 06"
                       Bearing of reference object M. 0° 05' 05" E.
```

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

Draccions.—1. Carry out calculations of two decimals only.

2. In balancing for the corrected 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.

STATE OF ARIZONA. TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 298

														0							1	39	
LING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 636 STATE OF ANTACHAS.										1				•									
					10		80	.0	L	Tett	0 0 0 0 0 0 0 0 0 0 0 0 1				•			5		5 5 6 6 7 7 7			
STATE OF	S. AREAS.				98		93	90	87	84	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	S. A.				1344		1344	128	1216	909		5 4 5 5 6 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8				1				C 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			
	SQ.		53	16		62	90		30		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1				1 1 2 2 3 4 5 5 6 6 7			1 2 2 4 6 6 6 7
•	N. AREAS.		125	ı			128				6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
17 W 17	M. D.		15	27	64	52														3 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	DOUBLE M. D.		63	21	33	15										1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		0 0 5 6 6 6 6 6			
TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 238, STATE OF					59	52	П	7				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1											
	DEPARTURES.	WEST.			ત્ય	15	18	8				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
, STATE OF			15	26			122	12			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						1 1 1 1 1 1 1
NO.		EAST.	67	14			18	8			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					1
URVEY	LATITUDES.				98		96	98			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	t t t t t t t t t t t t t t t t t t t						
TRY S		South.			29		39	39				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5					1
AD EN			8	60		04	86	38													1		
HOMEST		North.	29				39	39															1
ATTONS OF	DISTANCE.		29.97	14.97	40.06	15.52	110.52							5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5									
G AND CALCUL.	BEARING.		N. 4°51'E	N.89°40'E	S. 5° 42'W	M.TG.68						.052										1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
S-2349 TABLIN	CORNERS.		1 - S								-	Closing error 1:11052	Charles III										

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

DIRECTIONS.—1. Carry out calculation to two decimals only.

2. In balancing Latitud, and Departures do not obliterate or change the original figures.

2. In balancing Latitud, and Departures above in red ink. Do not change the footing of the original figures, but put below them the corrected figure or figures above in red ink. Do not change the lengths of the lines.

The corrections for balancing fallings should be proportions of N. and S. areas drop all after second decimal. Surveyors are required to use the Standar 4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

Surveyors are required to use the Standard Field Tables issued by the G. L. O.

148.55 10g 149.79 108 9.9988957 2.1718646 1.6573427 2.1545457 2.1754977 1.0244857 2,1707603 2.1707603 2,1545457 sin72°20'45" 9,9790480 9.5027970 8.853725 H S. AREAS. 19 and 18 Rs. tan.85°54'57" N. AREAS. 72°20'45 3 100 ARIZONA 24 901 H 24 tan D. Monument No. 74 43 M. rd 102148 10g 10 10g co 10g148 DOUBLE an 108 45 00 .og142 13 日日 100 STATE 18 43 43 17 00 00 26 74 F 160 WEST. 148 155 72 13 155 155 m 142 International 700 DEPARTURES. Secs. 298 62 26 26 26 26 Cor. EAST. 72 2 72 72 N 156 NO. 40 20 HOMESTEAD ENTRY SURVEY H Н 26 43 No. Cor. No. 70 43 96 20 77 96 SOUTH. 45 45 10 43 43 Cor. LATITUDES from from 85 85 NORTH. 40 34 Tie Tie 34 . CALCULATIONS OF 148.55 . 70 155.00 149.79 DISTANCE 45.64 70 56.95 45.64 155.00 35.27 148.53 39.97 40.10 29.75 0 100 田 国 M 国 -村 S.85°54'57" 72°20143" 43 35 BEARING. S. 15°35' 8.51 0) 89°43 585 54 57 0 3 4031 W AND 68 0 South South 15 00 2 8 20 TABLING S. 3 20 I CORNERS. 8-2349

0

#### APPROVAL

Office of the United States Surveyor General,

PHOENIX, ARIZ. January 15, 191

The foregoing field notes of Homestead Entry Survey No.

298

executed by R. P. A. Johnson, Surveyor Draftsma [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.

8-2349