

2283

Book J.

46

BOOK 2283

2283

# FIELD NOTES

OF THE SURVEY OF THE

Surveying Subdivision of T 12 D. R 13 E

Retacement - Recovery of South Bdy. T 12 D. R 13 E

Retacement of Portion of East. Bdy T 12 D R 13 E

2283

2283

Of the

G. S. R. B. S.

Meridian,

Arizona

AS SURVEYED BY

Hugh J. Duval

United States Deputy Surveyor,

Under his Contract No. 163, dated May 16, 1910

Survey commenced January 18, 1911

Survey completed January 21, 1911

6-151

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2283

BOOK 2288

*Jr*

NAMES AND DUTIES OF ASSISTANTS.

*See Book B*

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49  
1A

BOOK 2283

Book No. 2283

### INDEX DIAGRAM.

Township 17/D, Range 13 E.

6	5	4	3	2	1					
7	8	9	10	11	12					
18	17	16	15	14	13					
19	20	21	22	23	24					
14	14	13	13	12	11					
30	14	29	13	28	12	27	12	26	11	25
9	8	8	8	7	7					
31	11	32	10	33	10	34	9	35	7	36
4	8	3	2	2	1					

Meanders Page \_\_\_\_\_

WE, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of \_\_\_\_\_

\_\_\_\_\_, *Chainman.*  
\_\_\_\_\_, *Chainman.*

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 19 \_\_\_\_\_ }



WE, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, *Moundman.*  
\_\_\_\_\_, *Moundman.*

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 19 \_\_\_\_\_ }



WE, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, *Axman.*  
\_\_\_\_\_, *Axman.*

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 19 \_\_\_\_\_ }



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, *Flagman.*

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 19 \_\_\_\_\_ }



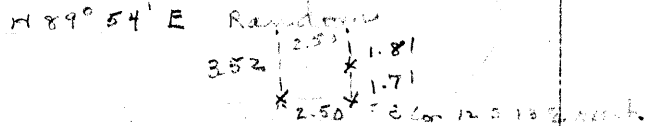
Retracement and resurvey of the S. bdy. of T. 12 S., R. 13 E.

Chains.

From the cor. of tps. 12 and 13 S., Rs. 12 and 13 E., which is a volcanic stone, 10x9x9 ins. above ground, properly marked and witnessed as described by the Surveyor General, I run N.89°54'E. on a random line along the S. bdy. of T. 12 S., R. 13 E. and at 78.40<sup>chs.</sup> old stake and traces of mound bears S., 63 lks. dist.; at 158.40<sup>chs.</sup> Evidences of old corner pits and mound, but very indistinct bears S. 126 lks. dist.; at 238.40 traces of old pits, 189 lks. S.; at 318.40 old stake in mound of stone, and stump of mesquite, 12 ins. in diam., N.72°W., 37 lks. dist., S. 254 lks. dist.; At 395.90 Evidences of old mound and piece of stake, 303 lks. S.; At 475.13 The old township corner, which is a granite stone, 10x10x18 ins. above ground, properly marked, and witnessed by a palo verde, 8 ins., in diam, which bears S.44°30'E., 77 lks. dist., mkd. TX11S R X111 ESLBT and a palo verde, 6 ins. in diam., bears N.68°30'W., mkd. TX11S SXXXVIRXIII BT. <sup>S. of cor. 332 lks. dist.</sup> There is no question but what this cor. is the original corner from which the south boundary was run. At 477.63<sup>chs.</sup> The cor. of Tps. 12 and 13 S., Rs. 13 and 14 E., a granite stone, 14x10x8 ins., above ground, properly marked and witnessed as described by the Surveyor General, in the re-survey of the North boundary of T. 13 S., R. 14 E. <sup>bears S. 181 lks. dist.</sup> I change these two township corners to corners referring to two townships only.

January 18, 1911:

Knowing from recent test (North Bdy. of this Tp.-Bk. I) that my instrument is in good adjustment, I commence



At a point S. of the cor. of Tps. 12 and 13 S., R. 14 E., previously described, 171 chs. dist. and East, 250 chs. dist., of the cor. of Tp. 13 S., Rs. 13 and 14 E. I establish the SE. cor. of Tp. 12 S., R. 13 E.

Set a granite stone, 22x12x12 ins., sixteen inches in the ground, for the SE. cor. of Tp. 12 S., R. 13 E., mkd. 12S 13E on NW. face, with 6 notches on the N. and W. edges and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, NW. of cor., no other bearings available.

2.50 Thence I run West on a true line, S. bdy. S<sup>cc</sup> 36. The cor. of Tp. 13 S., Rs. 13 and 14 E., previously described.

Thence I run N.89°45'W. on a true line.

40.86 I again make careful search for the old 1/4 sec. cor., N. bdy. of sec. 1, and at Find indistinct traces of old pits, hence I re-establish the 1/4 sec. cor. for the N. bdy. of sec. 1 as follows; Set a granite stone, 16x10x6 ins., 10 ins. in the ground for the 1/4 sec. cor., mkd. 1/4 on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

41.73 Set a granite stone, 18x7x7 ins., 12 ins. in the ground for the 1/4 S. cor., S. bdy. S<sup>cc</sup> 36, mkd. 1/4 on N. face, and dig pits, 18x18x12 ins., E. and W. of cor. <sup>3 ft. dist.</sup> and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

57.60 Arroyo, 95 lks. wide, course SW

77.85 Telephone line bears N. and S.

78.35 Road bears N. and S.

81.73 Intersect the old corner of secs. 1, 2, 35 and 36, previously described. To re-establish cor., I set a granite stone, 15x8x7 ins., 10 ins. in the ground, mkd. with 1 notch on the E. and 5 notches on the W. edge, and

Re-survey and retracement of the S. bdy. of T. 12 S. R.13 E.

Chains.

raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land rolling. Soil 3rd rate. Mesquite brush.

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N.89°45'W. on a true line on S. bdy. Sec. 35.

20.49 Old road bears NW. and SE.  
38.75 Set a granite stone, 15x9x6 ins., 10 ins. in the ground, for the ¼ sec. cor. N. bdy. sec. 2, mkd. ¼ on N. face and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

40.00 Set a granite stone, 15x10x6 ins., 10 ins. in the ground for the ¼ sec. cor. on the S. bdy. sec. 35, mkd. ¼ on N. face and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

77.50 The old cor. of secs. 2, 3, 34 and 35, previously described, I re-establish this cor. for the cor. of secs. 2 and 3, mkd. with 2 notches on the E. and 4 notches on the W. edges and raise a mound of stone, 2 ft. base 1½ ft. high, S. of cor.

80.00 Thence N.89°38'W. on true line, S. bdy. Sec. 35. Set a granite stone, 15x9x9 ins., 10 ins. in the ground for the cor. of secs. 34 and 35, mkd. with 2 notches on the E. and 4 notches on the W. edges, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.  
Land rolling. Soil 3rd rate. Mesquite brush.

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N.89°38'W. S. bdy. sec. 34 on a true line.

18.00 Old road bears N. and S.  
37.50 Re-establish the ¼ sec. cor., N. bdy. sec. 3 as follows:- Set a granite stone, 16x9x8 ins., 10 ins. in the ground, for the ¼ sec. cor., N. bdy. sec. 3, mkd. ¼ on N. face and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

40.00 Set a granite stone, 15x8x7 ins., 10 ins. in the ground for the ¼ sec. cor., S. bdy. sec. 34, mkd. ¼ on N. face and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

49.00 Arroyo, 30 lks. wide, course SW.

77.50 The old cor. of secs. 3, 4, 33 and 34, previously described, which I re-establish as follows: for secs. 3 and 4:-  
Set a granite stone, 15x9x7 ins., 10 ins. in the ground for the cor. of secs. 3 and 4, mkd. with 3 notches on the E. and W. edges and dig pits, in each section 24x24x12 ins., 6 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

80.00 Thence N.89°39'W. on true line S. bdy. sec. 34. Set a granite stone, 15x8x6 ins., 10 ins. in the ground for the cor. of secs. 33 and 34, mkd. with 3 notches on the E. and W. edges, and dig pits, 24x24x12 ins., in each section 6 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Land rolling. Soil 3rd rate. Mesquite brush.

Jan 18<sup>th</sup>  
At this cor:- I set off 20°38'S. on the decl. arc, and at 12h10m, p. m., 1. m. t., I obs. the sun on the mer., the resulting lat. is 32°20' N.

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## Re-survey and Retracement of the S. bdy. T.12 S., R. 13 E.

## Chains.

- N.89°39'W. on a true line along the S. bdy. sec.  
33.
- 32.30 Arroyo, 75 lks. wide, course SW.  
36.00 Old road bears NE. and SW.  
37.50 At this point I re-establish the  $\frac{1}{4}$  sec. cor. on the N. bdy. of sec. 4, as follows:-  
Set a granite stone, 14x8x6 ins., 10 ins. in the ground for the  $\frac{1}{4}$  sec. cor., N. bdy. sec. 4, mkd.  $\frac{1}{4}$  on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
40.00 Set a granite stone, 13x9x6 ins., 8 ins. in the ground for the  $\frac{1}{4}$  sec. cor., S. bdy. sec. 33, mkd.  $\frac{1}{4}$  on N. face, dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
55.00 Arroyo, 100 lks. wide, course SW.  
67.25 Old road bears N. and S.  
77.50 The old cor. of secs. 4, 5, 32 and 33, previously described which I re-establish for the cor. of secs. 4 and 5, as follows:-  
Set a granite stone, 15x9x8 ins., 10 ins. in the ground, for the cor. of secs. 4 and 5, mkd. with 2 notches on the W. and 4 notches on the E. edge, and dig pits, 24x24x12 ins. in each section 6 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.  
80.00 Set a granite stone, 17x6x5 ins., 11 ins. in the ground for the cor. of secs. 32 and 33, mkd. with 2 notches on the W. and 4 notches on the E. edge, and dig pits, 16x18x12 ins., in each section, 6 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.  
Land rolling. Soil 3rd rate. Mesquite and cactus brush.  
Jan. 18th:- At this cor.; I set off 20°36'S. on the decl. arc, 57°40' on the co-lat. arc, and at 3h, p. m., l. m. t., determine a mer. with the solar.  
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N.89°39'W on a true line along the S. bdy. sec. 32.  
7.00 Descend from mesa which bears NE. and SW.  
14.00 Foot of mesa bears NE. and SW. Thence across bottom land.  
30.50 Road bears NE. and SW.  
31.50 House of B. P. Sims bears N. 5 chs. dist.  
34.60 Fence bears NE. and SW.  
35.50 Fence bears N. and S.  
37.50 Set a quartzite stone, 18x9x5 ins., 12 ins. in the ground, to re-establish the  $\frac{1}{4}$  sec. cor. for the N. bdy. of sec. 5, mkd.  $\frac{1}{4}$  on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
40.00 Set a quartzite stone, 15x9x9 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., on the S. bdy. of sec. 32, mkd.  $\frac{1}{4}$  on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
42.50 Arroyo, 110 lks. wide, course SW.  
54.50 Arroyo, 180 lks. wide, course SW.  
69.50 Road bears NE. and SW.  
77.50 The old cor. of secs. 5, 6, 31 and 32, previously described, and which I re-establish as follows for the cor. of secs. 5 and 6;

Re-survey and retracement of the S. bdy. of T. 12 S., R.13 E.

Chains.

Set a quartzite stone, 14x8x6 ins., 10 ins. in the ground, for the cor. of secs. 5 and 6, mkd. with 1 notch on the W. and 5 notches on the E. edge, and dig pits, 24x24x12 ins., in each section, 6 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

80.00 Set a quartzite stone, 15x8x7 ins., 10 ins. in the ground, for the cor. of secs. 31 and 32, mkd. with 1 notch on the W. and 5 notches on the E. edges, and dig pits, 24x24x12 ins., in each section 6 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

Land rolling. Soil 3rd rate. Mesquite and cactus.

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N. 89° 39' W. on a true line along the S. bdy. of sec. 31.

9.95 Fence bears NE. and SW. Enter cultivation, bears NE. and SW.

18.80 SE. cor. of frame house of Silvia Abby, NE., 30 lks.

20.00 Fence bears NE. and SW. Leave cultivation bears NE. and SW.

34.40 Road bears NE. and SW.

37.60 Re-establish the 1/4 sec. cor. for the N. bdy. sec. 6 at this point, as follows:-

Set a quartzite stone, 14x9x6 ins., 10 ins. in the ground, for the 1/4 sec. cor., N. bdy. sec. 6, mkd. 1/4 on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

40.00 Set a quartzite stone, 14x8x6 ins., 10 ins. in the ground, for the 1/4 sec. cor., S. bdy. sec. 31, mkd. 1/4 on N. face, dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor.

75.90 The corner of Tps. 12 and 13 S., Rs. 12 and 13 E., previously described.

Land rolling. Soil 3rd rate. Mesquite brush and cactus.

Jan. 18th, 1910.

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Retracement of a part of the East Boundary of T.12 S., R.13 E.

Chains.

From the SE. cor. of Tp. 12 S., R. 13 E., previously described, I run North, E. bdy. sec. 36.

- 1.71 The SW. cor. of Tp. 12 S., R. 14 E., previously described.
- 23.70 Old road bears NE. and SW.
- 41.71 The  $\frac{1}{4}$  sec. cor., properly marked and witnessed as described by the Surveyor General, bears E. 9 lks. dist.  
Ascend. True course N.0° 8' E.
- 62.00 Ridge bears NE. and SW. Descend.
- 79.74 The old corner of secs. 25, 36, 30 and 31, bears West 171 lks. dist., a granite 18x10x8 ins., properly marked, with mound of stone. I destroy this cor.
  
- 81.46 The cor. re-established by the Deputy who re-surveyed this line for the cor. of secs. 25, 30, 31 and 36, bears E. 10 lks. dist.; A granite stone, 12x12x8 ins., properly marked and witnessed as described by the Surveyor General.  
True course, north.  
Land rolling. Soil 3rd rate. Palo verde and mesquite brush.
  
- 
- North bet. secs. 25 and 30.
  
- 31.00 Wash, 1 ch. wide, course W.
- 34.00 Gulch, 50 lks. wide, course W.  
Ascend.
- 38.00 Ridge bears E. and W. Descend
- 39.75 The  $\frac{1}{4}$  sec. cor., a granite stone, 12x11x10 ins. above ground, properly marked and witnessed as described by the Surveyor General, bears E. 4 lks. dist. True course, N.0° 3'E.
- 46.00 Gulch, 40 lks. wide, course W.  
Ascend.
- 63.00 Ridge bears E. and W.  
Descend.
- 67.00 Gulch, 35 lks. wide, course SW.
- 77.48 Old cor. of secs. 24, 25, 19 and 30, bears W. 129 lks. dist., a granite stone, 18x9x7 ins., properly marked and witnessed by a mound of stone. I destroy this cor.
  
- 78.77 The cor. of secs. 19, 24, 25 and 30, a granite stone, 10x14x8 ins. above ground, properly marked and witnessed as described by the Surveyor General, with the exception that the bearing tree in section 19 has been destroyed ~~stamp~~ still standing, change this cor. to a cor. common to two secs., namely secs. 30 and 19, T.12 S., R.14 E.
  
- 79.75 Set a granite stone, 20x12x8 ins., 15 ins. in the ground for the corner common to secs. 24 and 25, mkd. with 2 notches on the S. and 4 notches on the N. edge, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
True course N. 0° 3'W.  
Land rough and broken. Soil 4th rate. Mesquite and palo verde brush along line.

Jan. 19th:- At this cor., I set off 20°25 $\frac{1}{2}$ 'S. on the decl. arc, and at 12h11m, p. m., 1. m. t., I obs. the sun on the mer., the resulting lat. is 32°22'N.

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Subdivisional lines of T. 12 S., R. 13 E.

Chains.

In order to subdivide the two southern tiers of sections in this township as instructions issued me require, I proceed to establish a sectional correction line by running West from the cor. of secs. 25, 30, 31 and 36, previously described and North from the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, previously described, at the intersections of which I establish the corner of secs. 25, 26, 35 and 36,

Set a limestone, 15x8x7 ins., 10 ins. in the ground, for the cor. of secs. 25, 26, 35 and 36, mkd. with 1 notch on the S. and E. edges, whence

A pale verde, 4 ins. in diam., bears N.64°30'E., 200 lks. dist., mkd. T.12SR13ES25BT.

A pale verde, 5 ins. in diam., bears S.10°30'E., 120 lks. dist., mkd. T.12SR13ES36BT.

A pale verde, 8 ins. in diam., bears S.78°30'W., 127 lks. dist., mkd. T.12SR13ES35BT.

A mesquite, 8 ins. in diam., bears N.62°W., 168 lks. dist., mkd. T.12SR13ES26BT.

Thence I run South on a true line bet. secs. 35 and 36.

40.00 Set a granite stone, 14x10x9 ins., 10 ins. in the ground for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, dig pits, 18x18x12 ins., <sup>N. & S. of cor. 3rd dist.</sup> and raise a mound of stone, covered with earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

81.06 The cor. of sections, 1, 2, 35 and 36, previously described.

Land rolling. Soil 3rd rate. Mesquite and pale verde brush and cactus.

Jan. 19th:- At 3h, p. m., 1. m. t., I set off 2024' S. on the decl. arc, 57°40' on the co-lat. arc, and determine a mer. with the solar at this cor.

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East on a true line bet. secs. 25 and 36 ascending through undergrowth mesquite etc.

16.57 Telephone line bears N. and S.

22.60 Road bears N. and S.

40.00 Set a quartzite stone, 18x9x6 ins., 12 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

70.40 Ascend steeper, West slope of Catalina Mts.

81.73 The cor. of secs. 25, 30, 31 and 36.

Land semi mountainous. Soil 3rd rate. Mesquite, cactus and pale verde undergrowth.

Jan. 19th, 1911.

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From the cor. of secs. 25, 26, 35 and 36, I run West on a true line along sectional correction line bet. secs. 26 and 35.

28.00 Arroyo, 25 lks. wide, course SW.

40.00 Set a quartzite stone, 15x7x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

8 54

Chains.

- 52.14 Road bears NE. and SW.
- 64.50 Arroyo, 20 lks. wide, course SW.
- 69.50 Arroyo, 12 lks. wide, course SW.
- 79.75 Road bears NE. and SW
- 80.00 Set a granite stone, 18x9x9 ins., 12 ins. in the ground for the cor. of secs. 26, 27, 34 and 35, mkd. with 1 notch on the S. and 2 notches on the E. edge, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land rolling. Soil 3rd rate. Good grass. Mesquite and palo verde and cactus undergrowth.

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West on sectional correction line between secs. 27 and 34.

- 32.00 Arroyo, 15 lks. wide, course SW.
- 36.00 Arroyo, 15 lks. wide, course SW.
- 40.00 Set a granite stone, 14x8x6 ins., 10 ins. in the ground, for the 1/4 sec. cor., mkd. 1/4 on N. face, and dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

- 80.00 Set a granite stone, 15x7x6 ins., 10 ins. in the ground for the cor. of secs. 27, 28, 33 and 34, mkd. with 1 notch on the S. and 3 notches on the E. edge, and dig pits, 18x18x12 ins., in each section, 5 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Jan. 20th:- At this cor., I set off 20°13'S. on the decl. arc, and at 12h11m, p. m., 1. m. t., I obs. the sun on the mer., the resulting lat, is 32°21'.N.

Land rolling. Soil 3rd rate. Mesquite, cactus and palo verde undergrowth.

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West on sectional correction line bet. secs. 28 and 33.

- 16.00 Descent bears NE. and SW.
- 20.00 Foot of descent bears NE. and SW.
- 35.85 Road bears NE. and SW.
- 40.00 Set a granite stone, 15x7x6 ins., 10 ins. in the ground for the 1/4 sec. cor., mkd. 1/4 on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

- 43.80 Arroyo, 35 lks. wide, course SW.
- 47.00 Arroyo, 30 lks. wide, course SW.
- 60.72 Arroyo, 70 lks. wide, course SW.
- 69.84 Road bears N. and S.

- 80.00 Set a granite stone, 16x9x8 ins., 12 ins. in the ground, for the cor. of secs. 28, 29, 32 and 33, mkd. with 4 notches on the E. and 1 notch on the S. edge, and dig pits, 18x18x12 ins., in each section, 5 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land rolling. Soil 3rd rate. Mesquite, palo verde and cactus undergrowth.

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West on a sectional correction line bet. secs. 29 and 32.

- 4.00 Road bears NE. and SW.

## Subdivisional Lines of T. 12 S., R. 13 E.

Chains.	
8.00	Leave bottom, bears NE. and SW. and enter more rolling ground.
40.00	Set a granite stone, 15x6x6 ins., 10 ins. in the ground, for the $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3ft dist, and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
70.50	Road bears N. and S.
80.00	Set a granite stone, 15x9x8 ins., 10 ins. in the ground for the cor. of secs. 29, 30, 31 and 32, mkd. with 5 notches on the E. and 1 notch on the S. edge, and dig pits, 18x18x12 ins., in each section, 5 $\frac{1}{2}$ ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
	Jan. 20th:- At 3h, p. m., 1. m. t., I set off 20°11'S. on the decl. arc, 57°39' on the co-lat. arc and determine a mer. with the solar at this cor.
	Land rolling. Soil 3rd rate. Mesquite, cactus and pale verde undergrowth.
	*****
	West on sectional correction line bet. secs. 30 and 31.
11.27	Arroyo, 72 lks. wide, course SW.
40.00	Set a limestone, 16x10x5 ins., 10 ins., in the ground for the $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
42.28	Road bears NE. and SW.
76.22	Intersect the W. bdy. of the township at a point 185 lks. S. of the cor. of secs. 25, 36, 30 and 31, which is a volcanic stone, 8x9x6 ins. above ground, properly marked and witnessed as described by the Surveyor General, which I change to refer to secs. 25 and 36 only.
	Set a quartzite stone, 16x9x6 ins., 10 ins. in the ground for the closing cor. of secs. 30 and 31, mkd. CC on E. with 1 groove on S. and 5 grooves on N. face, whence a pale verde, 8 ins. in diam., bears N.17°E., 118 lks. dist., mkd. CCTI2SRI3ES3OBT. An iron wood bears S.20°30'E., 54 lks. dist., mkd. CCTI2SRI3ES3LBT.
	Land rolling. Soil 3rd rate. Mesquite, pale verde and ironwood undergrowth.
	Jan. 20th, 1911.
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	From the cor. of secs. 26, 27, 34 and 35, previously described, I run S.0°1'E. on a random line bet. secs. 34 and 35.
40.00	Set a temp. $\frac{1}{4}$ sec. cor.
80.55	Intersect the S. bdy. of the township at a point, 3 lks. N. of the cor. of secs. 34 and 35, previously described. Thence I run, North on a true line bet. secs. 34 and 35.
15.15	Old road bears NE. and SW.
40.55	Set a granite stone, 16x9x5 ins., 10 ins. in the ground for the $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face, whence

Subdivisional Lines of T. 12 S. R. 13 E.

Chains.

A palo verde, 9 ins. in diam., bears N.77°W., 94 lks. dist., mkd.  $\frac{1}{4}$ S34BT.

A mesquite, 4 ins. in diam., bears S.43°E., 54 lks. dist., mkd.  $\frac{1}{4}$ S35BT.

- 43.15 Arroyo, 255 lks. wide, course W. of S.
- 50.87 Old road bears NE. and SW
- 79.00 Road, NE. and SW.
- 80.55 Intersect the cor. of secs. 26, 27, 34 and 35.

Land rolling. Soil 3rd rate. Mesquite and palo verde undergrowth.

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S.0°1'E. bet. secs. 33 and 34 from the cor. of secs. 27, 28, 33 and 34, previously described, on a random line.

- 40.00 Set a temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect the S. bdy. of the township at a point 5 lks. E. of the cor. of secs. 33 and 34, previously described.

Thence I run, N.0°1'E. on a true line bet. secs. 33 and 34.

- 32.00 Road bears NE. and SW.
- 40.00 Set a granite stone, 15x7x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

- 60.21 Arroyo, 40 lks. wide, course SW.
- 80.00 The cor. of secs. 27, 28, 33 and 34.

Jan. 21st:- At this cor. I set off 20S. on the decl. arc and at 12h11m, p. m., l. m. t., I obs. the sun on the mer., the resulting lat. is 32°21'N.

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From the cor. of secs. 28, 29, 32 and 33, previously described, I run S.0°2'E. on a random line bet. secs. 32 and 33.

- 40.00 Set a temp.  $\frac{1}{4}$  sec. cor.
- 79.38 Intersect the S. bdy. of the township at a point 5 lks. E. of the cor. of secs. 32 and 33, previously described.

Thence I run, North on a true line bet. secs. 32 and 33.

- 19.38 Descend, bears NE. and SW.
- 28.23 Road bears NE. and SW., foot of descent.
- 39.38 Set a granite stone, 15x6x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

- 47.38 Arroyo, 5 chs. wide, course SW.
- 79.38 The cor. of secs. 28, 29, 32 and 33.

Land rolling. Soil 3rd rate. Mesquite, cactus and palo verde undergrowth.

Jan. 21st:- At 3h, p. m., l. m. t., I set off 19°58'S. on the decl. arc, 57°39' on the co-lat. arc, and determine a mer. with the solar at this cor.

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## Subdivisional Lines of T. 12 S., R. 13 E.

Chains.

From the cor. of secs. 29 and 30, 31 and 32, previously described, I run S.0°2'E. on a random line bet. secs. 31 and 32.

40.00 Set a temp.  $\frac{1}{4}$  sec. cor.,  
78.75 Intersect the S. bdy. of the township at a point 3 lks. E. of the cor. of secs. 31 and 32, previously described.

Thence I run N.0°1'W. on a true line bet. secs. 31 and 32.

38.75 Set a granite stone, 15x8x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

78.75 The cor. of secs. 29, 30, 31 and 32.

Land rolling. Soil 3rd rate. Mesquite, palo verde and cactus undergrowth.

Jan. 21st, 1911.

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From the cor. of secs. 25, 26, 35 and 36, previously described, I run North bet. secs. 25 and 26.

40.00 Set a granite stone, 14x11x5 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

80.00 Set a granite stone, 14x9x6 ins., 10 ins. in the ground for the cor. of secs. 23, 24, 25 and 26, mkd. with 1 notch on the E. and 2 notches on the S. edge, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land rolling. Soil 3rd rate. Mesquite, palo verde and cactus undergrowth.

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East on a random line bet. secs. 24 and 25.

40.00 Set a temp.  $\frac{1}{4}$  sec. cor.  
81.69 Intersect the cor. set and previously described for secs. 24 and 25.

Thence  $\frac{1}{4}$  run West on a true line bet. secs. 24 and 25. Descending West slope Catalina mountains.

19.70 Foot of descent bears N. and S.

39.90 Road bears N. and S.

40.10 Telephone line bears N. and S.

41.69 Set a granite stone, 15x7x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face, whence  
A palo verde, 7 ins. in diam., bears N.20°E., 31 lks. dist., mkd.  $\frac{1}{4}$ S24BT.  
A palo verde, 9 ins. in diam., bears S.39°30'E., 104 lks. dist., mkd.  $\frac{1}{4}$ S25BT.

81.69 The cor. of secs. 23, 24, 25, and 26.

Land rolling and semi mountainous. Soil 3rd rate. Mesquite, palo verde and cactus undergrowth.

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## Subdivisional Lines, T. 12 S., R. 13 E.

Chains.

From the cor. of secs. 26, 27, 34 and 35, previously described, I run

N.0°1'W. bet. secs. 26 and 27.

40.00 Set a granite stone, 14x8x5 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Jan. 23rd:- At this cor., I set off 19°31'S. on the decl. arc, 57°39' on the co-lat. arc and at 3h, p. m., 1. m. t., determine a mer. with the solar.

30.00 Set a granite stone. 14x9x9 ins., 10 ins. in the ground, for the cor. of secs. 22, 23, 26 and 27, mkd. with 2 notches on the S. and E. edges, and dig pits, 18x18x12 ins., in each section, 5 $\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land rolling. Soil 3rd rate. Mesquite, palo verde and cactus undergrowth.

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East on a random line bet. secs. 23 and 26.

40.00 Set a temp.  $\frac{1}{4}$  sec. cor.

80.06 Intersect the N. and S. line, 6 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence I run N.89°57'W. on a true line bet. secs. 23 and 26.

12.53 Road bears NE. and SW.

15.16 Arroyo, 60 lks. wide, course SW.

25.46 Road bears NE. and SW.

40.03 Set a granite stone, 14x7x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face, and dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

80.06 The cor. of secs. 22, 23, 26 and 27.

Land rolling. Soil 3rd rate. Mesquite and palo-verde undergrowth.

Note:- The sky was over-cast at noon and the sun not visible.

Jan. 23rd, 1911.

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From the cor. of secs. 27, 28, 33 and 34, previously described, I run N.0°1'W. bet. secs. 27 and 28.

6.77 Arroyo, 50 lks. wide, course SW.

24.75 Arroyo, 125 lks. wide, course W

40.00 Set a granite stone, 16x9x8 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

48.00 Enter bottom, bears NE. and SW.

52.00 Road bears NE. and SW

66.64 Arroyo, 110 lks. wide, course SW.

80.00 Set a quartzite stone, 16x9x5 ins., 10 ins. in the ground, for the cor. of secs. 21, 22, 27 and 28, mkd. with 2 notches on the S. and 3 notches on the E. edge, and dig pits, 18x18x12 ins., in each section, 5 $\frac{1}{2}$  ft. dist. and

Chains.

raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land rolling. Soil 3rd rate. Mesquite, cactus and palo verde undergrowth.

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East on a random line bet. secs. 22 and 27.

40.00 Set a temp.  $\frac{1}{4}$  sec. cor.

79.97 Intersect the N. and S. line at a point 5 lks. S. of the cor. of secs. 22, 23, 26 and 27.

Thence I run S.  $89^{\circ}58'W$ . on a true line bet. secs. 22 and 27.

39.98 $\frac{1}{2}$  Set a granite stone, 16x8x6 ins.; 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face, and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

46.00 Rolling land bears NE. and SW. Enter bottom.

48.00 Road bears NE. and SW.

70.75 Arroyo, 71 lks. wide, course SW.

79.97 The cor. of secs. 21, 22, 27 and 28.

Land rolling. Soil 3rd rate. Mesquite, palo verde, and cactus undergrowth.

Jan. 24th:- At this cor., I set off  $19^{\circ}19'S$ . on the decl. arc, and at 12h12m, p. m., 1. m. t., I obs. the sun on the mer., the resulting lat. is  $32^{\circ}22'N$ .

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Jan. 24th:- At 2h, p. m., 1. m. t., I set off  $19^{\circ}17\frac{1}{2}'S$ . on the decl. arc,  $57^{\circ}39'$  on the co-lat. arc and determine a mer. with the solar at the cor. of secs. 28, 29, 32 and 33, previously described.

Thence I run, N.  $0^{\circ}2'W$ . bet. secs. 28 and 29.

4.00 Road bears NE. and SW.

7.00 Ascent bears NE. and SW.

36.00 Top of ascent bears NE. and SW. Thence over rolling ground.

40.00 Set a quartzite stone, 14x8x6 ins., 10 ins. in the ground for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

80.00 Set a quartzite stone, 15x7x6 ins., 10 ins. in the ground for the cor. of secs. 20, 21, 28 and 29, mkd. with 2 notches on the S. and 4 notches on the E. edge, and dig pits, 18x18x12 ins., in each section, 5 $\frac{1}{2}$  ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land rolling. Soil 3rd rate. Mesquite, Palo verde and cactus undergrowth.

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East on a random line bet. secs. 21 and 28.

40.00 Set a temp.  $\frac{1}{4}$  sec. cor.

80.14 Intersect the N. and S. line at a point 7 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence I run S.  $89^{\circ}57'W$ . on a true line bet. secs. 21 and 28.

8.56 Arroyo, 129 lks. wide, course SW.



Chains.

- 21.50 Old road bears NE. and SW.
- 32.00 Leave rolling land which bears NE. and SW. and enter bottom bears NE. and SW.
- 40.07 Set a granite stone, 15x6x6 ins., 10 ins. in the ground for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N $\frac{1}{4}$  face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 50.00 Leave bottom land bears NE. and SW. and enter rolling ground, bears NE. and SW.
- 80.14 The cor. of secs. 20, 21, 28 and 29.

Land rolling. Soil 3rd rate. Mesquite, cactus and palo verde undergrowth?

Jan. 24th, 1911.

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From the cor. of secs. 29, 30, 31 and 32, previously described, I run N.0°2'W bet. secs. 29 and 30.

- 40.00 Set a quartzite stone, 15x6x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face, and dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 80.00 Set a granite stone, 14x8x5 ins., 10 ins. in the ground, for the cor. of secs. 19, 20, 29 and 30, mkd. with 2 notches on the S. and 5 notches on the E. edge, and dig pits, 18x18x12 ins., in each sec., 5 $\frac{1}{2}$  ft. dist. and raise a mound of earth, 4 $\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

Land rolling. Soil 3rd rate. Mesquite, palo verde and cactus undergrowth.

- 40.00 East on a random line bet. secs. 20 and 29.
- 40.00 Set a temp.  $\frac{1}{4}$  sec. cor.
- 79.94 Intersect the cor. of secs. 20, 21, 28 and 29.

Thence I run West on a true line bet. secs. 20 and 29.

- 39.97 Set a quartzite stone, 15x7x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Jan. 25th:- At 10h, a. m., 1. m. t., I set off 19°5 $\frac{1}{2}$ 'S. on the decl. arc, and 57°38' on the co-lat. arc and determine a mer. with the solar at this cor.

- 79.94 The cor. of secs. 19, 20, 29 and 30.

Land rolling. Soil 3rd rate. Mesquite, palo verde and ironwood undergrowth.

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West on a true line bet. secs. 19 and 30.

- 30.82 Road bears N. and S.
- 40.00 Set a granite stone, 14x8x6 ins., 10 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face, and dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist. and raise

Chains.

a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, N. of cor

Jan. 25th:- At this cor., I set off  $19^{\circ}4'S.$  on the decl. arc, and at  $12h12\frac{1}{2}m,$  p. m., l. m. t., I obs. the sun on the mer., the resulting lat. is  $32^{\circ}22'N.$

76.30

Intersect the W. bdy. of the township at a point 160 lks. S. of the cor. of secs. 19, 24, 25 and 30, a volcanic stone,  $5x8x8$  above ground, properly marked and witnessed as described by the Surveyor General, which I change to refer to secs. 24 and 25 only.

Set a granite stone,  $18x12x9$  ins., 12 ins. in the ground, for the closing cor. of secs. 19 and 30, mkd. CC on E. with 2 grooves on the S. and 4 grooves on the N. faces, and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, E. of cor.

Change old cor. to refer to secs. on the West.

Land rolling. Soil 3rd rate. Mesquite, palo verde and iron wood underbrush.

Jan. 25th, 1911.

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#### General Description

This township lies on a gentle West and South West slope of the Catilina mountains, and is covered with cacti mesquite and palo verde undergrowth. The soil is good quality of clayey sandy loam. Geo. Washington lives in Section 31 about 10 chs. dist.,  $N.15^{\circ}E.$  from the  $\frac{1}{4}$  sec. cor. on S. bdy. He has a house, corral, sheds and small tract under cultivation. Value \$500.00. B. P. Simms lives in section 32 and he has a house and sheds and improvements of about \$500 value. Also a party named Silvia Abby lives in section 31, who has a small frame house.

*Hugh C. DeVal*  
-----  
U. S. D. S.

LIST OF NAMES.

BOOK 2283

A list of the names of the individuals employed by

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of

showing the respective capacities in which they acted:

- ....., *Chainman.*
- ....., *Chainman.*
- ....., *Moundman.*
- ....., *Moundman.*
- ....., *Axman.*
- ....., *Axman.*
- ....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

....., United States Deputy Surveyor, in surveying all those parts or portions of the

..... of the

..... meridian, ..... of ..... which are represented

in the foregoing 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

- ....., *Chainman.*
- ....., *Chainman.*
- ....., *Moundman.*
- ....., *Moundman.*
- ....., *Axman.*
- ....., *Axman.*
- ....., *Flagman.*

Subscribed and sworn to before me this ..... day of ....., 19



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

116 For  
62  
BOOK I, 2283

*See Book C*

....., United States Deputy Surveyor, do  
solemnly swear that, in pursuance of a contract received from  
United States Surveyor General for ....., bearing date of the  
..... day of ....., 19 ....., I have well, faithfully, and truly, in my own  
proper person, and in strict conformity with the instructions furnished by the United States Surveyor  
General for ....., the Manual of Surveying Instructions, and the laws of the  
United States, surveyed all those parts or portions of .....

..... of the .....,  
..... meridian, in the ..... of ....., which are represented in the  
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly  
swear that all the corners of said survey have been established and perpetuated in strict accordance with  
the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor  
General for ..... and in the specific manner described in the field notes, and that  
the foregoing are the original field notes of such survey.

.....  
United States Deputy Surveyor.

Subscribed by said ....., and sworn to before me }  
this ..... day of ....., 19 .....



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Phoenix, Ariz. July 13*, 1912

The foregoing field notes of the survey of *the proprietary subdivision of*  
*T12 DR. 13 E., Resurvey of the South Boundary and*  
*Retracement of portion of the East Boundary of T1216*  
*R13 E. of the Gila and Salt River Base*  
*and Meridian, Arizona*

executed by *Hugh J. Dural W.D.C.*  
under his contract No. *163*, dated *May 16*, 1910, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the  
surveys they describe, are hereby approved.

*Frank S. Ingalls*  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in .....,  
....., has been correctly copied from the original notes on file in this office.

.....  
United States Surveyor General.