

BOOK 2449

Accepted G.L.O. letter "E" Nov. 19-1913

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of Township 40 North, Range 16 West,

and

Resurvey of Nevada-Arizona State Bdy. Mile cor. 300

to Mile Cor. 312,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Thomas B. Matthews,

In the capacity of U. S. Surveyor, under instructions dated June 6, 1912, issued by the United States Surveyor General to govern surveys included in Group No. 21, which were approved by the Commissioner of the General Land Office, June 20, 1912, pursuant to authority contained in the Act of Congress dated August 24, 1912.

Survey commenced Jan. 4, 1913.

Survey completed Jan. 9, 1913.

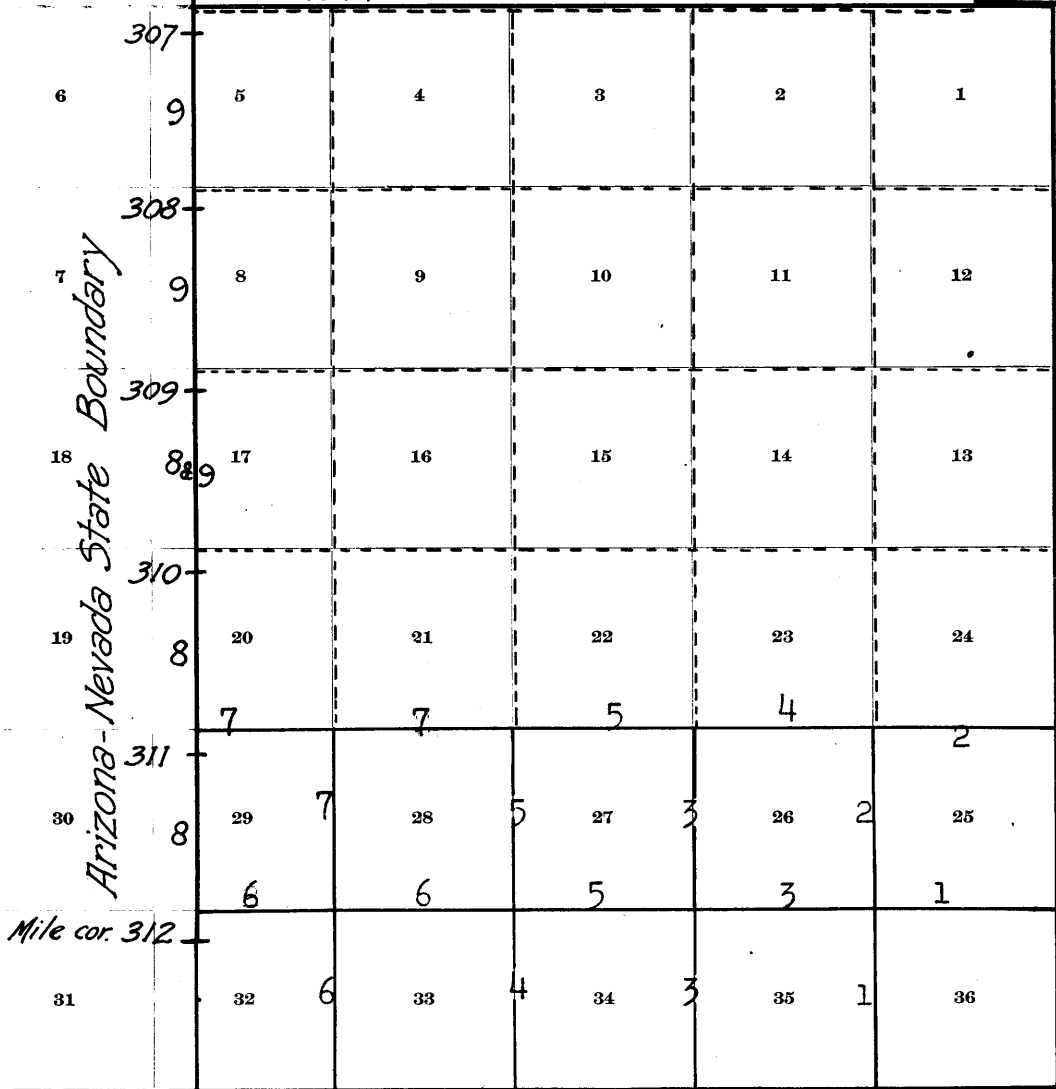
to Mile cor. 309
pages 10, 11 & 12

305

10 BOOK 2449

INDEX DIAGRAM.

Township 10 40 North, Range 16 West.
10th Standard Parallel North



Arizona-Nevada State Boundary

Mile cor. 312

- This book
- Book D
- " A
- - - - - Unsurveyed.

SUBDIVISION OF T. 40 N. R. 16 W.

Survey commenced Jan. 4, 1913 and executed by Thomas B. Matthews, U. S. Surveyor, with a Young & Sons Light Mountain Transit, No. 8480, heretofore described.
 At 8 h. 30 m. a.m. l.m.t. I set off $36^{\circ} 49' N$ on the lat. arc $22^{\circ} 41\frac{1}{2}' S$ on the decl. arc and determine a meridian with the solar at the cor. of secs. 1, 2, 35 & 36 on S. bdy of Tp. recently established by me & described in Book "A"
 Thence I run
 N. $0^{\circ} 01' W$. bet. secs. 35 & 36
 Overrolling gravelly land through cactus & shellac brush 2 to 3 ft. high.
 1.00 Dry ravine 40 ft. deep, course N. $35^{\circ} W$.
 5.90 Wagon road from Littlefield, Arizona to Mesquite, Nevada, bears N. $60^{\circ} E$ & S. $60^{\circ} W$.
 12.50 Dry wash 40 lks. wide, course N. $45^{\circ} W$.
 18.50 Dry ravine 20 ft. deep, course W.
 34.00 Descend 100 ft. into canyon
 38.00 Bottom of canyon 50 lks. wide, course N. $35^{\circ} W$. ascend 100 ft. to $\frac{1}{4}$ sec. cor.
 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with a brass cap marked $\frac{1}{4}$ S 35 in W. & S 36 in E. half and raise a mound of stone 5 ft. base 3 ft. high W. of cor.
 Leave canyon, thence over rolling land.
 44.00 Descend 100 ft. into canyon
 46.00 Bottom of canyon 20 lks. wide, course N. $45^{\circ} W$. ascend 100 ft.
 50.00 Leave canyon thence over rolling gravelly land.
 66.40 Top of steep bluff 200 ft. high bears N. $45^{\circ} E$ & S. $45^{\circ} W$. descending into Virgin River bottom.
 72.00 Bottom of bluff thence over level, sandy bottom land through mesquite & shellac brush 6 to 8 ft. high.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35 & 36 with a brass cap marked T 40 N, R 16 W in N. half, S 26 in N.W., S 25 in N.E., S. 36 in S.E., & S 35 in S.W. quadrant, dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
 S 72 chs. rolling soil, sandy & gravelly, medium texture, 1 to 2 ft. deep. Undergrowth shellac brush.
 N. 8 chs. level bottom land, loose sandy loam, soil fine texture 4 to 5 ft. deep.
 Undergrowth shellac & mesquite brush.

 East on random line bet. secs. 25 & 36
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.16 Intersect the E. bdy of Tp. 5 lks. S. of the cor. of secs. 25, 30, 31 & 36, recently established by me & described in Book "A"
 Thence I run
 S. $89^{\circ} 58' W$. on true line bet. secs. 25 & 36
 Descending gentle N.W. slope over rocky land through cactus & shellac brush 2 to 3 ft. high.
 0.05 Dry wash 3 lks. wide, course N. $30^{\circ} W$.
 9.00 Dry wash 15 lks. wide, course N. $45^{\circ} W$.
 14.50 Wagon road, bears N. $15^{\circ} W$ & S. $15^{\circ} E$.
 23.70 Wagon road from Littlefield, Arizona to Mesquite, Nevada, bears N. $10^{\circ} W$ & S. $10^{\circ} E$.
 25.30 Dry wash 30 lks. wide, course N. $45^{\circ} W$.
 30.00 Dry wash 15 lks. wide, course N. $30^{\circ} W$.
 39.20 Dry wash 5 lks. wide, course N. $20^{\circ} W$.
 40.08 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with a brass cap marked $\frac{1}{4}$ S 25 in N. & S 36 in S. half and raise a mound of stone 3 ft. base 3 ft. high N. of cor.
 Thence over rolling land
 56.00 Descend S.W. slope 100 ft. into canyon.
 68.56 Bottom of canyon 40 lks. wide, course N. $45^{\circ} W$. ascend 50 ft.
 71.30 Top of narrow spur, slopes N. descend 160 ft. to river bottom.
 76.50 Foot of descent, thence over sandy Virgin River bottom, bts. N. & S, through mesquite and shellac brush 6 to 8 ft. high.
 80.16 The cor. of secs. 25, 26, 35 & 36 hereinbefore described.
 Land rolling. Soil sandy and rocky, coarse texture 2 to 3 ft. deep. Undergrowth cactus, shellac & mesquite brush.

SUBDIVISION OF T. 40 N. R. 16 W.

	N. 0° D1' W. bet. secs. 25 & 26 Over sandy bottom land, through shellac & mesquite brush 6 to 8 ft. high.
2.50	Left bank of Virgin River 4 ft. high, bears N. 45° E. & S. 45° W. thence over low sand bar
10.00	Left edge of water, course S. 45° W. thence across stream by actual measurement water 2 to 3 ft. deep
12.00	Right edge of water, thence over low sand bar.
16.00	Wagon road, bears N. 45° E & S. 45° W.
24.63	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground at the base or point of rock for Witness Corner to $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 26 in W. & S 25 in E. half, and raise a mound of stone 2 ft. base 2 ft. high W. of cor.
25.00	Right edge of water course S. 30° E. thence across stream by actual measurement, water 2 to 3 ft. deep.
27.00	Left edge of water, thence over low sand bar.
40.00	Point for $\frac{1}{4}$ sec. cor. falls on low sand bar in bed of river impractical to set corner.
54.15	Shallow stream of water 30 lks. wide, course S. 45° W.
67.30	Left edge of main stream, course S. 45° W. thence across stream by actual measurement water 1 to 2 ft. deep.
69.50	Right bank of Virgin River 8 ft. high, bears N. 45° E. & S. 45° W. thence over level land through shellac brush 4 to 5 ft. high.
71.20	Row of cottonwood trees bears E. & W.
73.80	Telephone line from Littlerfield, Arizona to Mesquite, Nevada, bears N. 45° E. & S. 45° W.
77.20	Ascend very sandy S. slope 50 ft. to cor.
80.00	Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 23, 24, 25 & 26, with a brass cap marked T 40 N R 16 W in N. half, S. 23 in N.W., S 24 in N.E., S 25 in S.E. & S 26 in S.W. quadrant, and raise a mound of stone 3 ft. base 3 ft. high W. of cor.
23.50 to 70.00	quicksand river bed
0 to 2.50 & 70 to 77.20	level bottom land, loose sandy loam 4 to 5 ft. deep.
77.20 to 80.00	sandy hillside.
	Undergrowth mesquite & shellac brush.

	N. 89° 58' E on random line bet. secs. 24 & 25
40.00	Set temp. $\frac{1}{4}$ sec. cor,
80.09	Intersect the E. bdy. of Tp. 7 lks. S. or point for the cor. of secs. 19, 24, 25 & 30. W.C. recently estab. by me 8.85 chs. S. of From corner point, I run, cor. pt., & described in Book A.
	S. 89° 55' W. on true line bet. secs. 24 & 25.
	Through bed of Virgin River water 1 to 2 ft. deep.
2.30	Right edge of main stream of water course S. 45° W. thence over low sand bar.
4.50	Left edge of stream of water, course S. 45° W. Water 2 to 3 ft. deep, thence across stream by actual measurement.
5.20	Right bank of Virgin River 10 ft. high, course S. 50° W.
5.70	Small irrigation ditch 6 lks. wide, course S. 45° W.
10.00	Wagon road from Littlerfield, Arizona to Mesquite, Nevada, bears S. 10° E. & N. 10° W., ascend S.E. slope 125 ft.
15.50	Same wagon road, bears S. 45° W. & N. 45° E.
17.99	Spark's house bears S. 50 $\frac{1}{2}$ ° W. & Metzger's house bears S. 33 $\frac{1}{2}$ ° W.
18.70	Same wagon road, bears S. 20° E. & N. 20° W. Top of ascent thence over rolling land through shellac brush 2 to 3 ft. high.
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 24 in N. & S 25 in S. half, dig pits 18 x 18 x 12 ins. N. & S. of cor 3 ft. dist. and raise a mound of xxxx earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
55.19	Spark's house bears S. 45 $\frac{1}{2}$ ° E & Metzger's house bears S 58° E
57.00	Descend S.W. slope 125 ft.
65.00	Foot of descent thence over rolling valley land.
71.50	Telephone line from Littlerfield, Arizona to Mesquite, Nevada bears N. 50° E. & S. 50° W. thence along S. slope of bluff
80.09	The cor. of secs. 23, 24, 25 & 26, hereinbefore described. Land rolling, soil rocky & sandy, coarse texture 1 to 2 ft. deep.

SUBDIVISION OF T. 40 N. R. 16 W.

- From the cor. of secs. 2, 3, 34 & 35 on S. bdy. of Tp., recently established by me & described in Book A, I run
N. 0° 01' W. bet. secs. 34 & 35
Ascending gentle S. slope over gravelly land through shellac brush 2 to 4 ft. high.
- 2.50 Dry wash 15 lks. wide, course S. 45° E.
15.00 Top of ascent, thence over very rolling sandy land
19.00 Dry wash 30 lks. wide, course S. 40° E.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with a brass cap marked $\frac{1}{4}$ S 34 in W. & S 35 in E. half, and raise a mound of stone 3 ft. base 2 ft. high W. of cor.
43.50 Dry ravine 30 ft. deep, course N. 30° E.
47.00 Dry ravine \approx 75 ft. deep, course E.
53.90 Descend 200 ft. into canyon through which sand hollow runs
54.00 Bottom of sand hollow 150 lks. wide, course E.
55.30 Ascend 50 ft. to
58.20 Top of spur slopes W.
61.50 Descend 50 ft. to
62.70 Sandy hollow 100 lks. wide, ascend 70 ft., course E.
66.00 Top of ascent thence along E. slope
67.50 Wagon road, bears N. 35° E. & S. 35° W.
71.00 Descend N.E. slope 70 ft.
72.50 Foot of descent sand hollow 60 lks. wide, course S. 30° E. ascend gentle S.W. slope 30 ft. to cor.
75.00 Wagon road, bears N. 30° E. & S. 30° W.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 & 35, with a brass cap marked T 40 N R 16 W in N. half, S 27 in N.W., S 26 in N.E., S 35 in S.E. & S 34 in S.W. quadrant, and raise a mound of stone 3 ft. base 3 ft. high W. of cor.
Land rolling, soil rocky & very sandy, medium texture, under growth shellac brush.
-
- 40.00 East on random line bet. 26 & 35
Set temp. $\frac{1}{4}$ sec. cor.
80.03 Intersect N. & S. line 2 lks. N. of cor. of secs. 25, 26, 35 & 36, hereinbefore described.
Thence I run
N. 89° 59' W. on true line bet. secs. 26 & 35 over level sandy ~~xxx~~ bottom land through shellac & mesquite brush 6 to 8 ft. high
- 1.70 Left bank of Virgin River 4 ft. high, bears N. 45° E. & S. 45° W. thence over river bed
10.20 Left edge of water course S. 60° W. thence across stream by actual measurement water 1 to 3 ft. deep.
15.00 Right edge of water thence over low sand bar
18.00 Wagon road, bears N. 70° E. & S. 70° W.
20.60 Right bank of Virgin River .4 ft. high, ^{brs. NE. & SW.} thence over sandy flat through mesquite brush 6 to 8 ft. high.
28.80 Base of very steep bluff bears N. & S. ascend 100 ft.
31.00 Top of bluff thence ascending East slope.
40.01 $\frac{1}{2}$ Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 26 in N. & S 35 in S. half, dig pits 18 x 18 x 12 ins. E. & W. of cor. 3 ft. dist. and raise a mound of ~~earth~~ ^{brs. N. & S.} 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
43.00 Top of ascent ^{brs. N. & S.} thence over rolling land.
48.50 Dry bed of old lake bears N. & S.
59.00 Leave dry bed of lake bears N. 20° chs. S. 8 chs.
66.80 Wagon road, bears N. 45° E. & S. 45° W.
75.00 Descend W. slope 70 ft. to cor.
80.03 The cor. of secs. 26, 27, 34 & 35, hereinbefore described.
0 to 20 to 29 ^{brs. N. & S.} river bottom. Loose sandy soil, fine texture 4 to 5 ft. deep. Undergrowth mesquite brush.
29 to 80 rolling, loose sandy loam, soil medium texture 2 to 3 ft. deep. Undergrowth shellac brush.
- Jan. 4, 1913.
- Jan. 6, 1913. -----
- N. 0° 01' W. bet. secs. 26 & 27 ascending S.W. slope 70 ft.
- 1.00 Dry wash 20 lks. wide, course S. 30° W.
5.00 Top of ascent, thence over rolling land through shellac brush 2 to 3 ft. high.
7.50 Descend 30 ft. to
10.00 Dry wash 10 lks. wide, course N. 45° W. thence ascend 30 ft. to

SUBDIVISION OF T. 40 N. R. 16 W.

- 13.00 Top of ascent thence over rolling land
13:50 Wagon road, ^{Telephone NE & SW} bears N. 50° W. & S. 50° E.
- 36.50 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with a brass cap marked $\frac{1}{4}$ S 27 in W. & S 26 in E. half, and raise a mound of stone 3 ft. base 3 ft. high W. of cor.
- 40.00 Dry wash 10 lks. wide, course S. 40° E.
- 42.50 Dry wash 15 lks. wide, course S. 40° E.
- 56.00 Descend N.E. slope 40 ft. into canyon
- 76.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 22, 23, 26 & 27, with a brass cap marked T 40 N R 16 W in N. half, S 22 in N.W., S 23 in N.E. S 26 in S.E. & S 27 in S.W. quadrant and raise a mound of stone 2 ft. base 2 ft. high W. of cor.
- 80.00 Land rolling soil sandy, medium texture 2 to 3 ft. deep. Undergrowth shellac brush.
-
- S. 89° 59' E. on random line bet. secs. 23 & 26
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. & S. line 2 lks. S. of cor. of secs. 23, 24, 25 & 26, hereinbefore described.
- Thence I run
West on true line bet. secs. 23 & 26 ascending 100 ft. along S. slope or bluff
- 4.00 Top of spur slopes S. descend 150 ft. into canyon
- 5.50 Bottom of canyon 30 lks. wide, course S. 10° E. ascend 200 ft.
- 8.00 Top of ascent leave canyon, thence over rolling land through shellac brush 1 to 2 ft. deep.
- 18.00 18.00 Leave rolling land thence over very broken washy land no vegetation.
- 33.00 Edge of canyon, bears N. & S. descend 200 ft. to
- 36.00 Bottom of canyon ~~50 lks.~~ wide, course S. ascend 200 ft. to
- 39.00 Leave canyon thence over rolling rocky land through shellac brush 1 to 2 ft. high.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. with a brass cap marked $\frac{1}{4}$ S 23 in N. & S 26 in S. half, and raise a mound of stone 3 ft. base 3 ft. high N. of cor.
- 42.00 Edge of vertical bank bears N. & S. descend 250 ft. into canyon, 50 lks. wide, course S. thence ascend rocky slope 250 ft. to
- 50.40 Leave canyon thence over rolling land through shellac brush 2 to 3 ft. high.
- 61.50 Limestone rim rock 150 ft. high bears N. 20° W. & S. 20° E. descend to
- 65.00 Base of rim rock thence over rolling washy land.
- 74.20 Dry wash 30 lks. wide, course S. 45° E.
- 78.00 Dry wash 30 lks. wide, course S. 45° E. ascend N.E. slope 40 ft. to cor.
- 80.00 The cor. of secs. 22, 23, 26 & 27 hereinbefore described.
Land rolling and mountainous. Soil sandy coarse texture 1 to 2 ft. deep underlayed with soft limestone. Undergrowth shellac brush.
-
- Jan 1903 At 9 h. 31 m. a.m. l.m.t. I set off 36° 49' N. on the lat arc, 22° 29' S. on the decl. arc and determine a meridian with the solar at the cor. of secs. 3, 4, 33 & 34 on the S. bdy. of the Tp., recently estab. & described by me in Book A.
- Thence I run
N. 0° 02' W. bet. secs. 33 & 34
Over rolling very sandy land through shellac brush 2 to 4 ft. high.
- 24.00 Wagon road, bears N. 40° E. & S. 40° W.
- 28.30 Telephone line from Littlefield, Arizona to Mesquite, Nevada, bears N. 45° E. & S 45° W.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 33 in W. & S 34 in E. half, dig pits 18 x 18 x 12 ins. N. & S. of cor. 3 ft. dist. and raise a mound of ~~stone~~ earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 77.50 Dry wash 10 lks. wide, course S. 70° E.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 27, 28, 33 & 34 with a brass cap marked T 40 N R 16 W in N. half, S 28 in N.W., S 27 in N.E., S 34 in S.E., & S 33 in S.W. quadrant, dig pits 18 x 18 x 12

SUBDIVISION OF T.40 N. R. 16 W.

	ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land rolling, loose sandy soil, medium texture 2 to 3 ft. deep. Undergrowth shellac brush.

	East on random line bet. secs. 27 & 34
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. & S. line 12 lks. N. of the cor. of secs. 26, 27, 34 & 35, hereinbefore described. Thence I run
	N. $89^{\circ} 55'$ W. on true line bet. secs. 27 & 34
	Descending W. slope 40 ft. through shellac brush 2 to 3 ft. high.
1.00	Dry wash 15 lks. wide, course S. 45° W.
2.50	Sand hollow 60 lks. wide, course S. 45° E. thence ascend sandy N.E. slope 150 ft.
12.50	Top of ascent thence over rolling sandy land
28.88	Telephone NE-SW
40.03	Dry wash 20 lks. wide, course S 45° E. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S. 27 in N. & S 34 in S. half, dig pits 18 x 18 x 12 ins. E. & 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.
47.00	Wagon road, bears N. 40° W. & S. 40° E.
48.00	Top of ridge bears N. 45° W. & S. 45° E. descend 10 ft. to
68.00	Foot of descent thence over rolling sandy land
80.06	The cor. of secs. 27, 28, 33 & 34, hereinbefore described. Land rolling, soil very sandy, medium texture 2 to 3 ft. deep. Undergrowth shellac brush.

	N. $0^{\circ} 02'$ W. bet. secs. 27 & 28.
	Ascending gentle S. slope over gravelly sandy land through shellac brush 2 to 3 ft. high
7.50	Foot of steep S.W. slope ascend 150 ft.
14.00	Top of ascent bears N. 45° W. & S. 45° E. thence over rolling sandy land
22.00	Dry wash 15 lks. wide, course S. 45° E.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 28 in W. & S 27 in E. half, and raise a mound of stone 2 ft. base 2 ft. high W. of cor.
46.50	Descend N.E. slope 100 ft.
58.50	Foot of slope thence over rolling land.
65.00	Dry wash 15 lks. wide, course N. 80° E.
74.30	Sand hollow 150 lks, wide, course S.E.
75.80	Vertical bank 4 ft. high bears E. & W. thence ascend gentle S.W. slope to cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 & 28, with a brass cap marked T 40 N R 16 W in N. half, S 21 in N.W., S 22 in N.E., S 27 in S.E., & S 28 in S.W. quadrant, dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land rolling, soil loose sandy medium texture 2 to 3 ft. deep. Undergrowth shellac brush.

	S $89^{\circ} 55'$ E. on random line bet. secs. 22 & 27
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. & S line 12 lks. S. of cor. of secs. 22, 23, 26 & 27, hereinbefore described. Thence I run
	West on true line bet. secs. 22 & 27
	Ascending N.E. slope 100 ft. over rocky sandy land through shellac brush 1 to 2 ft. high
3.00	Top of ascent, leave canyon, thence over rolling rocky land
12.00	Wagon road, bears N. & S.
13.00	Descend 100 ft. into canyon
22.00	Bottom of canyon 20 lks. wide, course S. ascend 150 ft. to
32.00	Leave canyon thence over rolling land
37.00	Wagon road, bears N. 20° W. & S. 20° E.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S. 22 in N. & S 27 in S. half, and raise a mound of stone 3 ft. high N. of cor.
	Thence over rough wesy land
45.00	Dry ravine 40 ft. deep course S.

SUBDIVISION OF T. 40 N. R. 16 W.

54.60	Edge of rim rock bears N. 30° W. & S. 30° E. descend 150 ft.
57.50	Base of rim rock thence over rolling sandy land to cor.
80.00	The cor. of secs 21, 22, 27 & 28, hereinbefore described. Land rolling, soil rocky and gravelly, medium texture 1 to 2 ft. deep. Undergrowth shellac brush. Jan. 6, 1913.

	Jan. 7, 1913 At 8 h. 30 m. A.M. L.M.T. I set off 36° 49' N. on the lat arc 22° 21' S. on the decl arc and determine with the solar a meridian at the cor. of secs. 4, 5, 32 & 33 on the South bdy. of the Tp., recently estab. by me & described in Book A. Thence I run N. 0° 03' W. bet. secs. 32 & 33
40.00	Over level sandy land through shellac brush 3 to 4 ft. high. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 32 in W. & S 33 in E. half, dig pits 18 x 18 x 12 ins. N. & 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 an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 28, 29, 32 & 33, with a brass cap marked T 40 N R 16 W in N. half, S 29 in N.W. S 28 in N.E. S 33 in S.E. & S 32 in S.W. quadrant, dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land level, soil very sandy, medium texture 2 to 3 ft. deep. Undergrowth shellac brush.

40.00	East on random line bet. secs. 28 & 33
80.00	Set temp. $\frac{1}{4}$ sec. cor. hereinbefore described Intersect N. & S. line at the cor. of secs. 27, 28, 23 & 34 Δ
	Thence I run West on true line bet. secs. 28 & 33
25.00	Over level sandy land through shellac brush 2 to 4 ft. high. Foot of bluff bears N. 45° E. & S. 45° W. ascend 200 ft. along S.E. slope $\frac{1}{2}$
38.00	Top of steep spur slopes S. top of bluff 100 ft. above station bears N. 200 chs. descend S.W. slope 200 ft.
40.00	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with a brass cap marked $\frac{1}{4}$ S 28 in N. & S 33 in S. half and raise a mound of stone 2 ft. base 2 ft. high N. of cor.
45.00	Foot of bluff bears N. 30° W. & S. 30° E. thence over very rolling sandy land through shellac brush 2 to 3 ft. high.
48.00	Leave rolling land thence over level sandy land bears N. & S.
80.00	The cor. of secs. 28, 29, 32 & 33, hereinbefore described. 0 to 25 & 48 to 80 Δ level land, loose sandy soil, medium texture 2 to 3 ft. deep. 25 to 48 Δ mountainous very sandy & rocky soil. $\frac{1}{2}$ to 2 ft. deep. Undergrowth shellac brush.

	West bet. secs. 29 & 32
10.50	Over level sandy land through shellac brush 3 to 4 ft. high
31.50	Dry wash 20 lks. wide, course S.
39.00	Dry wash 40 lks. wide, course S. 10° E.
40.00	Leave level land bears N. & S. enter rolling sandy land. Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with a brass cap marked $\frac{1}{4}$ S 29 in N. & S 32 in S half, dig pits 18 x 18 x 12 ins. E. & 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.
40.50	Ascend 50 ft. to
47.50	Top of ascent bears N. & S. thence over rolling land.
49.90	Dry ravine 6 ft. deep, course S. 20° E.
54.70	Dry wash 25 lks. wide, course S.
57.50	Head of dry ravine 12 ft. deep course S. 20° E.
59.97	Intersect Nevada - Arizona ^{State} Δ Bdy. 12.66 chs. N. 0° 40' W. of mile cor. 312 Δ ^{herebefore described} At the above described point of intersection I set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for closing cor. of secs. 29 & 32, with a brass cap marked CC W. of center, T 40 N S 29 in N.E., & R 16 W S 32 in S.E. quadrant and raise a mound of stone 3 ft. base 3 ft. high E. of cor. The above described cor. was not set until after Mile 312 of the Nevada, - Arizona ^{State} Δ Bdy. had been resurveyed, Jan. 8, 1913 as hereinafter noted.

SUBDIVISION OF T. 40 N. R. 16 W.

Land rolling soil very sandy, medium texture 2 to 3 ft. deep. Undergrowth shellac brush.

----- hereinbefore described -----
 Jan. 20 At the cor of secs. 28, 29, 32 & 33 I set off 22° 21' S. on the decl. arc and at 12 h. 6 m. 18 s. p.m. l.m.t. observe the sun on the meridian and obtain on the lat. arc the reading 36° 50' N. which agrees with other data.
 N. 0° 03' W. bet. secs. 28 & 29

20.00 Over level sandy land through shellac brush 2 to 3 ft. high
 Dry wash 5 lks. wide, course S. 45° W, thence over rolling gravelly land

27.50 Dry ravine 12 ft. deep course S 45° W.

39.00 Dry ravine 20 ft. deep, course S. 60° W.

40.00 Set an iron post 3 ft. long 1 in. in diam, 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 29 in W & S 28 in E. half, and raise a mound of stone 3 ft. base 3 ft. high W. of cor.
 Thence over very broken land.

44.00 Top of low spur slopes S. 45° W. descend 30 ft. to

45.00 Base of steep bluff bears N. 45° W. & S. 45° E. ascend 200 ft. to

49.00 Top of cliff thence over rolling gravelly land.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 20, 21, 28 & 29, with a brass cap marked T 40 N R 16 W in N. half, S 20 in N.W. S 21 in N.E. S 28 in S.E. & S 29 in S.W. quadrant and raise a mound of stone 3 ft. base 3 ft. high W. of cor.
 S. 40 chs. level, soil loose & sandy, medium texture 2 to 3 ft. deep.
 N. 40 chs. rolling & mountainous, soil sandy & gravelly coarse texture $\frac{1}{2}$ to 2 ft. deep.
 Undergrowth shellac brush.

 East on random line bet. secs. 21 & 28

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

80.02 Intersect N. & S. line 21 lks. N. of cor. of secs. 21, 22, 29 & 28, hereinbefore described.
 Thence I run
 N. 89° 51' W. on true line bet. secs. 21 & 28
 Descending gentle S.W. slope over very sandy land through shellac brush 2 to 3 ft. high

6.40 Sand hollow 80 lks. wide, course S. thence over level sandy land

10.00 Dry wash 35 lks. wide, course N. 45° E.

16.10 Dry ravine 15 ft. deep, course N. 30° E., thence ascending E slope, over very rolling land.

22.50 Dry ravine 20 ft. deep, course N. 45° E.

27.00 Top of ridge bears N. 45° E. & S. 45° W, descend 50 ft. to

28.50 Foot of descent thence ascending E. slope over rolling land.

34.10 Dry wash 30 lks. wide, course N. 70° E.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. with a brass cap marked $\frac{1}{4}$ S 21 in N. & S. 28 in S. half and raise a mound of stone 3 ft. base 3 ft. high N. of cor.

55.00 Top of low ridge bears N. 70° E. & S. 70° W. thence along N.W. slope over rolling, sandy land.

80.02 The cor. of secs. 20, 21, 28 & 29, hereinbefore described.
 Land rolling, soil sandy, medium texture, ~~xxxxxxx~~
 Undergrowth shellac brush 2 to 3 ft. high.

 West bet. secs. 20 & 29

0.20 Dry wash 15 lks. wide, course N. 45° E. ascend 20 ft. to

2.50 Top of ascent 20 ft. thence over level sandy land through shellac brush 1 to 2 ft. high

20.00 Edge of bluff bears N. & S. descend 150 ft.

30.00 Foot of descent, thence over very rough gravelly land

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap marked $\frac{1}{4}$ S 20 in N. & S 29 in S. half, and raise a mound of stone 2 ft. base 2 ft. high N. of cor.
 Thence over slightly rolling very sandy land.

45.90 Dry wash 10 lks. wide, course S. 45° W.

50.30 Dry wash 15 lks. wide, course S.

60.84 Intersect the Nevada, - Arizona ^{State} Bdy. 13.09 chs. N. 0° 40' W. of mile cor. 311 established by me Jan. 8, 1913, & hereinafter described.
 At the above described point of inter-

SUBDIVISION OF T. 40 N. R. 16 W.

section I set an iron post 3 ft. long 2 ins. in diam. 24 ins in the ground for closing cor. of secs. 20 & 29, with a brass cap marked CC W. of center, T 40 N S 20 in N.E., & R 16 W S 29 in S.E. quadrant, dig pits 24 x 18 x 12 cross-wise on each line N. & S. 3 ft. & E. 7 ft. dist. and raise a mound of ~~stone~~ earth 4 ft. base 2 ft. high E. of cor. The above described closing cor. was not set until after mile 311 of the Nevada, Arizona bdy. had been resurveyed Jan. 8, 1913. Jan. 7, 1913.

 RESURVEY OF NEV.-ARIZ STATE BDY. - MILE 312 TO MILE 300

Jan. 8, 1913. At 11 h. 0 m. a.m. I set off 36° 49½' N. on the lat. arc 22° 13½' S. on the decl. arc and determine a meridian with the solar at mile cor. 312 of the Arizona-Nevada^{State} Bdy. line, which is a post marked & witnessed as described by the Thence I run Surveyor General.

- 80.00 North on random line bet. Arizona & Nevada
- 159.46 No trace of mile cor. 311 set temp. cor. & continue North on random.
- Fall 186 lks. E. of mile cor 310, which is a decayed cottonwood ~~tree~~ post laying on mound of earth, marks nearly obliterated. I destroy all trace of the old cor. and re-establish it at the same point as follows:
 Set a limestone 30 x 18 x 10^{ins}, 19 ins. in the ground for mile cor. 310, marked 310 M on N., Arizona on E. & Nev. on W. face dig pits 36 x 36 x 12 ins. E. & W. of cor. 4 ft. dist. and raise a mound of earth 5 ft. base 2½ ft. high N. of cor. Thence I run
- S. 0° 40' E. on mile 311 bet. Nev. & Ariz.
- Over rolling, sandy land through shellac brush 2 to 3 ft. high.
- 31.00 Descend steep S.W. slope. No vegetation.
- 55.00 Bottom of descent, thence over rolling sandy land through shellac brush 2 to 3 ft. high.
- 79.73 Set a limestone 30 x 8 x 14^{ins}, 18 ins. in the ground for mile cor. 311, marked 311 M on N, Ariz on E, & Nev on W. face, dig pits 36 x 36 x 12 ins. E. & W. of stone 4 ft. dist. and raise a mound of earth 5 ft. base 2½ ft. high N of cor.
- N. 30 chs. rolling very sandy, coarse texture, 1 to 2 ft. deep.
- 30 chs. to 55 chs. very rough & sandy, no soil & no vegetation.
- S. 25 chs. rolling, very rough soil, medium texture 2 to 3 ft. deep. Shellac brush & good bunch grass grow along the N. & S. portions of this mile.
-
- S. 0° 40' E. on mile 312 bet. Nev. & Ariz.
- Descending gentle South slope over sandy land through shellac brush 1 to 2 ft. high.
- 13.50 Dry wash 20 lks. wide, course E.
- 34.40 Dry wash 10 lks wide, course S. 30° W.
- 41.20 Dry wash 15 lks. wide, course S. 5° W.
- 54.70 Dry wash 30 lks. wide, course S. 45° W.
- 62.00 Dry wash 10 lks. wide, course S. 70° W.
- 64.00 Dry wash 15 lks. wide, course W.
- 70.00 Dry wash 20 lks. wide, course S. 70° W.
- 79.73 Mile cor. 312, ~~hereinbefore~~ described.
- Gently rolling South. slope soil loose sandy loam, fine texture 2 to 3 ft. deep, undergrowth shellac brush 2 to 3 ft. high.
-
- From mile cor. 310, ~~hereinbefore~~ described, I run
- 80.80 North on random line bet. Nev. & Ariz.
- Fall 24 lks. E. of mile cor. 309, which is a decayed cottonwood post laying by mound of earth, marks nearly all obliterated. I destroy all trace of the old cor. and re-establish it at the same point as follows:
 Set a limestone 32 x 14 x 12 ins. 20 ins in the ground for mile cor. 309, marked 309 M on N, Ariz on E & Nev on W face dig pits 36 x 36 x 12 ins. E & W of stone 4 ft. dist. and raise a mound of earth 5 ft. base 2½ ft. high N. of cor. Thence I run
- S 0° 40' E. on mile 310 bet. Nev. & Ariz.
- Overrolling sandy land through scattering Yucca trees & shellac brush 2 to 3 ft. high.
- 0.20 Dry wash 10 lks. wide, course S. 45° E.

RESURVEY OF NEV.-ARIZ. STATE BOUNDARY

- 39.00 Edge of bluff, bears N. 45° E. & S. 45° W.
Descend 150 ft. over very sandy steep S.E. slope, no vegetation.
- 45.00 Foot of bluff, thence over very broken gravelly land, no soil, nor vegetation.
- 70.00 Foot of bluff, bears N. 45° W. & S. 45° E. ascend 150 ft.
- 74.50 Top of bluff enter shellac brush 2 to 3 ft. high, thence descending gentle South ~~xxxx~~ slope over loose sandy soil
- 80.80 Mile cor 310 hereinbefore described.
0 to 45 chs. gentle rolling, loose sandy soil, medium texture, 2 to 3 ft. deep.
Undergrowth bunch grass & shellac brush with scattering Yucca trees. 45 to 70 chs. very rough, No soil nor vegetation.
70 to 80 chs. gentle south slope, loose sandy loam, medium texture, 2 to 3 ft. deep. Undergrowth shellac brush 2 to 3 ft. high.
-
- 80.23 From mile cor. 309, hereinbefore described, I run North on random line bet. Ariz. and Nev.
Fall 12 lks. E. of mile cor. 308, which is a marked stone deposited in mound of earth, with decayed cottonwood post laying along side, marks nearly obliterated.
I obliterate all trace of the old cor. and re-establish it at the same point as follows:
Set a limestone 36 x 10 x 14 ins. 24 ins. in the ground for mile cor. 308, marked 308 M on N, Ariz on E. & Nev on W. face, dig pits 36 x 36 x 12 ins. E. & W. of stone 4 ft. dist. & raise a mound of earth 5 ft. base 2½ ft. high N. of cor.
Thence I run
S. 0° 05' E. on mile 309 bet. Nev. & Ariz.
Over rolling, sandy land, through scattering Yucca trees & shellac brush 2 to 3 ft. high
- 7.75 Dry wash 15 lks. wide, course S. 45E
- 30.00 Dry wash 15 lks. wide, course S. 45° E.
- 39.75 Dry wash 10 lks. wide, course N. 45° E. ascend small hill 40 ft. high.
- 42.00 Top of hill descend S. slope
- 47.00 Dry wash 10 lks. wide, course N. 30° E.
- 50.50 Dry wash 30 lks. wide, course N. 20° E.
- 68.00 Dry wash 10 lks. wide, course E.
- 80.23 Mile cor. 309 hereinbefore described.
Land rolling. Soil loose very sandy. Medium texture 2 to 3 ft. deep. Undergrowth scattering Yucca trees, shellac brush 2 to 3 ft. high and good bunch grass through mile.
Jan. 8, 1913.
-
- 80.46 Jan. 9¹⁹¹³ At 7 h. 30 m. a.m. l.m.t. I set off 36° 53' N. on the lat. arc 21° 58' S. on the decl. arc and determine with the solar a meridian at mile cor. 308 of the Nev.-Ariz. bdy., hereinbefore described.
Thence I run
North on random line bet. Ariz. & Nev.
Fall 170 lks. W. of mile cor. 307, which is a marked stone deposited in mound of earth with decayed cottonwood post laying on mound, marks nearly obliterated. I destroy all trace of the old cor. and re-establish it at the same point as follows:
Set a limestone 30 x 8 x 10¹⁸ ins. in the ground, for mile cor. 307, marked 307 M in N, Ariz on E. & Nev on W. face, dig pits 36 x 36 x 12 ins. E. & W. of cor. 4 ft. dist. and raise a mound of earth 5 ft. base 2½ ft. high N. of cor.
Thence I run
South 1° 13' W. on mile 308 bet. Nev. & Ariz.
Over rolling sandy land through scattering yucca trees and shellac brush 2 to 3 ft. high.
- 26.30 Descend gentle S. slope 50 ft.
- 30.00 Foot of descent thence over gently rolling land
- 53.50 Dry wash 10 lks. wide, course S. 20° E
- 80.46 Mile cor. 308, hereinbefore described.
Land rolling, soil very sandy, medium texture, 3 to 4 ft. deep. Undergrowth good bunch grass, shellac brush & scattering yucca trees.
-
- From mile cor. 307, hereinbefore described.
I run N. on random line bet. Ariz. & Nev.

RESURVEY OF NEV.-ARIZ. STATE BOUNDARY

80.40	<p>Fall 20 lks. E. of mile cor. 306, which is a decayed cottonwood post laying on mound of earth, marks nearly obliterated. I destroy all trace of the old cor. and re-establish it at the same point as follows: Set a limestone 34 x 6 x 14 ins. 23 ins. in the ground for mile cor. 306, marked 306 M on N., Ariz on E. & Nev. on W. face, dig pits 36 x 36 x 12 ins. E & W of cor. 4 ft. dist. and raise a mound of earth 5 ft. base 2½ ft, high N. of cor. Thence I run S. 0° 09' E. on mile 307 bet. Nev. & Ariz. Over rolling, sandy land through shellac & cactus 1 to 4 ft. high, with scattering yucca trees 6 to 15 ft. high.</p>
28.50	Dry wash 20 lks. wide, course S. 45° E.
40.00	Descend N. slope 50 ft. bears E. & W.
48.00	Foot of hill ascend S. slope 75 ft.
55.50	Top of ascent thence over level land
79.90	Dry wash 15 lks. wide, course S. 45° E.
80.40	<p>Mile cor. 307, hereinbefore described Land rolling, soil very sandy, medium texture 2 to 4 ft. deep. Undergrowth good brush grass, cactus, shellac brush and scattering yucca trees.</p> <p>-----</p> <p>From mile cor. 306, hereinbefore described. I run N. on random line bet. Ariz & Nev.</p>
80.44	<p>Fall 47 lks. E. of mile cor. 305, which is a decayed cottonwood post laying on mound of earth, marks nearly all obliterated. I destroy all trace of the old cor. and re-establish it at the same point as follows: Set a limestone 30 x 12 x 14 ins. 20 ins. in the ground for mile cor. 305 marked 305 M on N, Ariz on E & Nev on W face, dig pits 36 x 36 x 12 ins E & W of stone 4 ft. dist. and raise a mound of earth 5 ft. base 2½ ft. high N. of cor. Thence I run S. 0° 20' E. on mile 306, bet. Nev. & Ariz. Over rolling rocky land, through scattering yucca trees cactus & shellac brush 2 to 3 ft. high</p>
67.50	Dry wash 10 lks wide, course S. 45° E.
80.44	<p>Mile cor. 306, hereinbefore described. Land rolling, very rocky soil, medium texture, 2 to 3 ft. deep. Undergrowth bunch grass, cactus & shellac brush with scattering yucca trees.</p> <p>-----</p> <p>From mile cor. 305, hereinbefore described. I run N. on random line bet. Nev. & Ariz.</p>
80.25	<p>Fall 31 lks. W. of mile cor. 304, which is a decayed cottonwood post lying on mound of earth, marks nearly obliterated. I destroy all traces of the old cor. and re-establish it at the same point as follows: Set a red sand stone 30 x 12 x 10^{ins} 20 ins in the ground for mile cor. 304, marked 304 M on N, Ariz on E. & Nev. on W. face. dig pits 36 x 36 x 12 ins. E. & W. of cor. 4 ft. dist. and raise a mound of earth 5 ft. base 2½ ft, high N. of cor. Thence I run S. 0° 13' W. on mile 305 bet. Nev. & Ariz. Over rolling sandy land, through scattering yucca trees, cactus & shellac brush 2 to 3 ft. high.</p>
16.80	Wagon road, from Littlerfield, Ariz. to Carp, Nev. bears S. 20° E. & N. 20° W.
17.50	Sand hollow 100 lks. wide, course S. 40° E.
18.50	Dry wash 40 lks. wide, course S. 30° E.
21.00	Dry wash 30 lks. wide, course S. 40° E., thence ascend gentle N.E. slope 50 ft.
35.00	Dry wash 15 lks. wide, course N. 45° E.
40.00	Dry wash 5 lks. wide, course N. 60° E.
44.00	Dry wash 20 lks. wide, course N. 45° E.
50.00	Top of ascent thence along top of ridge
55.00	Descend S.W. slope 100 ft.
66.00	Dry wash 20 lks. wide, course E.
70.00	Dry wash 5 lks. wide, course N. 60° E. ascend N. slope 50 ft.
73.50	Top of ascent bears E. & W. thence over level, sandy land.
88.25	<p>Mile cor. 305 hereinbefore described. Land rolling, soil very sandy, medium texture 2 to 3 ft. deep. Undergrowth bunch grass, cactus & shellac brush with scattering yucca trees.</p> <p>-----</p>

RESURVEY OF NEV. - ARIZ. STATE BOUNDARY

- From mile cor. 304, hereinbefore described.
I run
N. on random line bet. Nev. & Ariz.
- 80.40 Fall 202 lks. W. of mile cor. 303, which is a marked stone deposited in a mound of earth with decayed cottonwood post lying on mound, marks nearly obliterated. I destroy all trace of old cor. and re-establish it at the same point, as follows:
Set a limestone 20 x 10 x 4 ins. 20 ins. in the ground for mile cor. 303, marked 303 M on N, Ariz on E. & Nev on W. face dig pits 36 x 36 x 12 ins. E. & W. of stone 4 ft. dist and raise a mound of earth 5 ft. base 2½ ft. high N. of cor.
Thence I run
S. 1° 26' W. on mile 304, bet. Nev. & Ariz.
Over slightly rolling sandy land, through cactus & shellac brush 2 to 3 ft. high with scattering yucca trees.
- 6.00 Dry wash 15 lks. wide, course W.
45.00 Dry wash 20 lks. wide, course W.
80.40 Mile cor. 304, hereinbefore described.
Land rolling, soil very sandy, medium texture 2 to 3 ft. deep. Undergrowth bunch grass, cactus & shellac brush with scattering yucca trees.
- From mile cor. 303, hereinbefore described. I run N. on random line bet. Nev & Ariz.
80.32 Fall 202 lks. W. of mile cor. 302, which is a decayed cottonwood post in mound of earth, marks obliterated. I destroy all trace of the old cor. and re-establish it at the same point as follows:
Set a limestone 30 x 10 x 12 ins. 20 ins. in the ground for mile cor. 302, marked 302 M on N., Ariz on E & Nev on W face, dig pits 36 x 36 x 12 ins. E. & W. of stone 4 ft. dist. and raise a mound of earth 5 ft. base 2½ ft. high N. of cor.
Thence I run
S. 1° 26' W. on mile 303 bet. Nev. & Ariz.
Over rolling sandy land, through cactus & shellac brush 2 to 3 ft. high, with scattering yucca trees.
- 5.00 Dry wash 15 lks. wide, course W.
20.00 Dry wash 20 lks. wide, course S. 40° W.
35.00 Top of sandy ridge, bears E. & W. descend S. slope.
40.00 Foot of descent, thence over rocky land.
59.50 Old emigrant road from St. George, Utah to St. Thomas, Nev. bears N. 45° E. & S. 45° W.
60.20 Cotton wood post 5 x 5 x 36 ins. above ground, marked Arizona on E & Nevada on W face firmly set in ground.
66.00 Dry wash 20 lks. wide, course S. 45° W.
68.00 Dry wash 15 lks. wide, course S. 60° W.
73.50 Dry wash 10 lks. wide, course S. 70° W.
75.70 Descend S. slope 40 ft. to
80.32 Mile cor. 303, hereinbefore described.
Land rolling, soil very sandy, medium texture, 2 to 3 ft. deep. Undergrowth bunch grass, cactus & shellac brush, with scattering yucca trees.
- From mile cor 302, hereinbefore described. I run N. on random line bet. Nev. & Ariz.
80.25 Fall 61 lks. E. of mile cor. 301, which is a marked stone deposited in mound of earth with decayed cottonwood post in mound, marks obliterated. I destroy all trace of the old cor. and re-establish it at the same point, as follows: Set a limestone 20 x 30 x 10 ins. 20 ins. in the ground for mile cor. 301, marked 301 M on N, Ariz. on E. & Nev. on W. face, dig pits 36 x 36 x 12 ins. E & W of stone 4 ft. dist and raise a mound of earth 5 ft. base 2½ ft. high N. of cor.
Thence I run
S. 0° 26' E. on mile 302. bet. Ariz. & Nev.
Over rolling sandy land through cactus & shellac brush 2 to 3 ft. high, with scattering yucca trees.
- 33.50 Dry wash 5 lks. wide, course S. 70° W.
41.00 Descend South slope 40 ft.
50.00 Bottom of descent bears E. & W. thence over rolling sandy land
58.50 Dry wash 30 lks. wide, course S. 60° W.
61.00 Dry wash 30 lks. wide, course S. 45° W.
80.25 Mile cor. 302, hereinbefore described.
Land rolling, soil very sandy, coarse texture, 2 to 3 ft. deep. Undergrowth bunch grass, cactus, & shellac brush and scattering yucca trees.

RESURVEY OF NEV. - ARIZ. STATE BOUNDARY

- From mile cor. 301, hereinbefore described.
I run N. on random line bet. Nev. & Ariz.
- 80.14 Intersect mile cor. 300, which is a cottonwood post 4 x 4 x 12 ins. above ground, firmly set in a mound of earth, marked and witnessed as described by the Surveyor General.
Thence I run
South on mile 301 bet. Nev. & Ariz.
- 13.38 Over rolling sandy land through cactus & shellac brush 2 to 3 ft. high with scattering yucca trees.
The cor. of Utah & Ariz., which is a red sand stone 60 x 18 x 10 ins. firmly set in mound of stone, marked and witnessed as described by the Surveyor General.
- 45.00 Top of low sand ridge, NW & SE, dist. 100 ft.
- 53.00 Foot of descent, thence over very rolling land.
- 63.50 Dry wash 20 lks. wide, course N. 30° W.
- 80.14 Mile cor. 301, hereinbefore described.
Land rolling, soil very sandy, medium texture, 1 to 2 ft. deep
Undergrowth, bunch grass, cactus & shellac brush with scattering yucca trees.

Jan. 9, 1913.

GENERAL DESCRIPTION OF T. 40 N. R. 16 W.

This township consists mainly of high rolling land along N. side of Virgin River.

The only water to be found in the township is in the Virgin River, which flows through secs. 25, 26 & 35.

There are two small bodies of good bottom land in sec. 25, one of which is now under irrigation,

The S $\frac{1}{2}$ of sec. 25, E $\frac{1}{2}$ of sec. 35 and sec. 36 lie on a gentle sloping bench. The soil in this portion is good, but quite rocky. The Rio Virgin Irrigated Fruit Lands Co. proposes to water this portion of the tp. by diverting the water out of the Virgin River.

Secs. 26 & 35 are cut by deep canyons and are very broken

Secs. 27, 28, & 34 are rolling, sandy land on which there is a good deal of good bunch grass.

There is a flat in secs. 29, 32 & 33, which is about 80 ft. above the river, this flat consists of good rich sandy soil, and if watered would produce abundant crops.

Thomas B. Matthews
U. S. Surveyor

250

BOOK 2449

13

For FINAL OATH OF UNITED STATES SURVEYOR. to

See Book "B".

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191 _____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed 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 U. S. 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.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191 _____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., May 1, _____, 1913

The foregoing field notes of the survey of _____ the Subdivision lines of Tp. 40 N., R.16 W., and the Resurvey of Nevada-Arizona State Bdy., Mile cor. 300 to Mile cor. 310, Gila and Salt River Base and Meridian,

executed by _____ Thomas E. Matthews, _____ under his special instructions dated _____ June 6, _____, 191 2, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank H. Ingalls
U. S. Surveyor General.

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

U. S. Surveyor General.