

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of

partial subdivision

of

Secs. 10, 11, 13 and 14, T. 24 S., R. 20 E.

and

Secs. 17, 18 and 20, T. 24 S., R. 21 E.

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Donald E. Harding

Cadastral Engineer

Under special instructions dated Feb. 9, 1955, which provided  
for the surveys included under Group No. 305, approved Feb. 9, 1955  
and assignment instructions dated Feb. 16, 1955

Survey commenced Feb. 23, 1955

Survey completed Mar. 17, 1955

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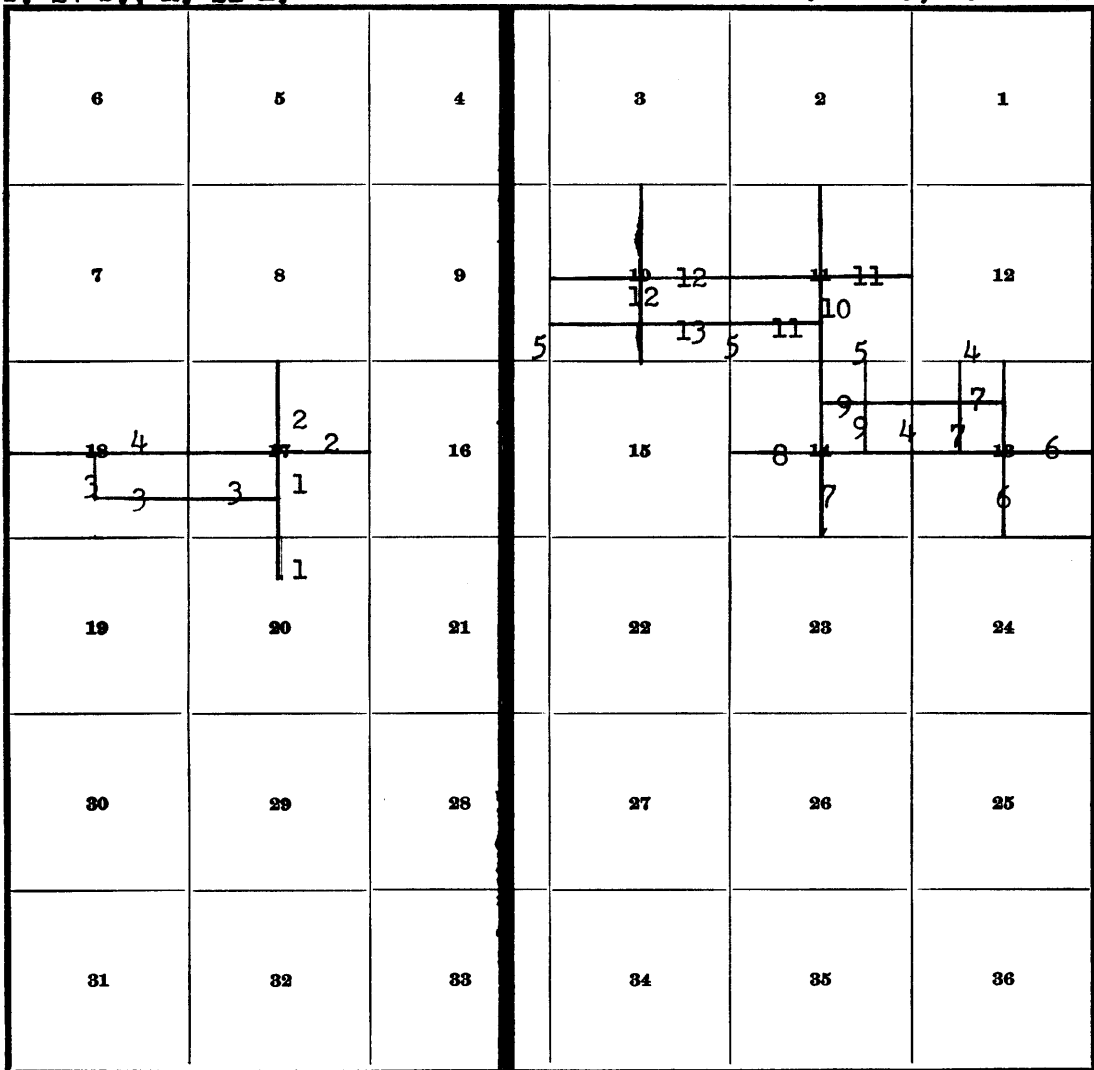
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BOOK 4448

# INDEX DIAGRAM

Township \_\_\_\_\_, Range \_\_\_\_\_  
T. 24 S., R. 21 E. T. 24 S., R. 20 E.



## Survey of the Bdy. of the Coronado National Memorial

## Chains

The subdivision of Tps. 24 S., Rs. 20 and 21 E. of the G. & S. R. Meridian, Arizona, was surveyed by Sidney E. Blout in 1916.

This survey was executed at the request of the General Superintendent, Southwestern National Monuments, National Park Service, dated October 5, 1954, and under Special Instructions dated February 9, 1955, and approved the same date.

The survey was executed with a light mountain solar transit made by Buff and Buff, serial No. 16724, constructed in accordance with standard instrumental specifications of the Bureau of Land Management. Horizontal circle is  $4\frac{1}{2}$  inches in diameter with two double opposite verniers reading to single minutes. Vertical circle is 4 inches in diameter with one double vernier reading to single minutes. The instrument is equipped with an improved telescopic solar attachment, radii of latitude arc is 3 inches and of declination arc  $3\frac{1}{2}$  inches with verniers reading to single minutes. Instrument was in good condition and was placed in proper adjustment prior to the beginning of the survey.

The directions of the lines was determined both by the direct solar method and the solar method. The measurements made by a Lufkin steel tape 5 chains in length, graduated every one tenth link for the first ten links, every link for the next 90 links, and every 10 links for the balance. The tape was tested by comparison with a standard tape and found correct. Measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment. The horizontal equivalents only are entered in this field note record.

The transit was checked from time to time on the camp meridian.

## Subdivision of Secs. 17, 18, and 20, T. 24 S., R. 21 E.

At a point midway bet. the closing secs. cor. of secs. 19 and 20; and secs. 20 and 21, on the International Boundary Line, bet. the United States and Mexico, the point for the  $\frac{1}{4}$  sec. cor. of sec. 20, T. 24 S., R. 21 E.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$  S 20  
 MEX  
 1955

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

From the above point, the closing cor. of secs. 20 and 21, bears N.  $89^{\circ} 43'$  E., 39.94 chs. dist.

From the  $\frac{1}{4}$  sec. cor. of sec. 20, on the S. bdy. of the section.

N.  $0^{\circ} 03'$  E. on the N. and S. center line of sec. 20.

Over rolling land.

14.47 The  $\frac{1}{4}$  sec. cor. of secs. 17 and 20, monumented as described in the official record.

Land, rolling ridges.

Soil, rocky clay.

Timber, none; undergrowth, sparse grass.

N.  $0^{\circ} 03'$  E. on the N. and S. center line of sec. 17.

20.01 Point for the C-S  $1/16$  sec. cor. of sec. 17.

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

## Survey of the Bdy. of the Coronado National Memorial

Chains	
	<p style="text-align: center;">C S1/16   S17 C 1955</p> <p>Bury a sandstone 4x4x1 in. mkd. with an "X", at base of iron post, for witness.</p>
40.02	<p>Point for the C <math>\frac{1}{4}</math> sec. cor. of sec. 17, at the intersection of the E. and W. center line of sec. 17.</p> <p>Set an iron post, 28 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">C <math>\frac{1}{4}</math> S 17 1955</p> <p>Bury a sandstone 5x3x1 in. mkd. with an "X", at the base of the iron post, for witness.</p>
80.92	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 8 and 17.</p> <p>Land, rolling ridges. Soil, sandy clay. Timber, pinon and juniper; undergrowth, sparse grass.</p>
	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 16 and 17.</p> <p>N. 89° 56' W. on the E. and W. center line of sec. 17.</p> <p>Over low rolling grassy ridges.</p>
39.94	<p>The C <math>\frac{1}{4}</math> sec. cor. of sec. 17.</p>
79.90	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 17 and 18.</p> <p>Land, low rolling ridges. Soil, sandy clay. Timber, scattered pinon and juniper; undergrowth, sparse grass.</p>
	<p>From the C-S 1/16 sec. cor. of sec. 17.</p> <p>N. 89° 56' W. on the E. and W. center line of the SW<math>\frac{1}{4}</math> of sec. 17.</p>
.46	<p>Point for the cor. of lots 4 and 6.</p> <p>Set an iron post, 28 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">L 6   L 4 S 17 1955</p> <p>Raise a mound of stone, 2 ft. base, 1<math>\frac{1}{2}</math> ft. high, W. of cor.</p>
	<p>From the cor. of lots 4 and 6.</p> <p>N. 0° 23' W., bet. lots 4 and 6.</p>
.23	<p>Cor. No. 4 of H.E.S. No. 511, monumented with a diorite stone, 24x8x5 ins., firmly set and mkd.</p> <p>At the cor. point</p>

## Survey of the Bdy. of the Coronado National Memorial

## Chains

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

HES311	
4	L 4
L 6	
S 17	
1955	

Bury the corner stone alongside the iron post.

Raise a mound of stone,  $2\frac{1}{2}$  ft. base, 2 ft. high, NW. of cor.

From cor. No. 4 of HES 311, in sec. 17.

S.  $89^{\circ} 58'$  W. on the S. bdy. of HES No. 311.

Over gentle SE. slope, through sparse grass.

39.86

Cor. No. 1 of HES No. 311, also cor. No. 4 of HES No. 310, monumented with a quartzite stone,  $16 \times 10 \times 7$  ins., firmly set and properly mkd.

At the cor. point

Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 20 ins. in the ground, with brass cap mkd.

HES	HES
310	311
4	1
S 18	

1955

Bury the cor. stone alongside the iron post.

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

From the cor. point, the cor. of secs. 17, 18, 19, and 20, bears S.  $1^{\circ} 00'$  E., 20.14 chs. dist.

N.  $89^{\circ} 49'$  W., on the S. bdy of HES No. 310 in sec. 18.

Over rolling ridges, through scattered brush.

10.00

Asc. 446 ft. over NE. slope.

39.98

Cor. No. 1 of HES No. 310, monumented with a diorite stone,  $20 \times 12 \times 10$  ins., set in a mound of stone and properly mkd.

At the cor. point

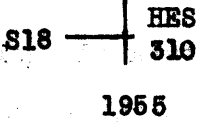
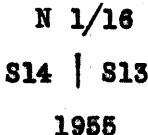
Set an iron post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 10 ins. in the ground, in a mound of stone to the top, with brass cap mkd.

HES 310	
1	
S 18	
1955	

Reset the cor. stone in the mound alongside the iron post.

N.  $0^{\circ} 05'$  W., on the W. bdy. of HES 310, in sec. 18.

## Survey of the Bdy. of the Coronado National Memorial

Chains	
19.61	<p>Desc. 513 ft. over rocky NNE. slope, through heavy scrub oak and scattered pinon.</p> <p>Point of intersection with the E. and W. center line of sec. 18.</p> <p>Set an iron post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 10 ins. in the ground, in a mound of stone to the top, with brass cap mkd.</p> <div style="text-align: center;">  </div>
24.50	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 17 and 18.</p> <p>S. <math>89^{\circ} 50'</math> W., on the E. and W. center line of sec. 18.</p> <p>Over low ridge, through scrub oak and scattered pinon.</p> <p>Wash, 20 lks. wide, 3 ft. deep, course SE.; asc. 50 ft. over broken N. slope.</p> <p>The cor. at the intersection of the W. bdy. of HES 310.</p> <p>Asc. 150 ft. over broken NNE. slope, through heavy brush.</p> <p>The <math>\frac{1}{4}</math> sec. cor. of sec. 18, on the W. bdy. of the sec., monumented as described in the official record.</p> <p>Land, ridges. Soil, sandy clay. Timber, none; underbrush, oak and pinon, sparse grass.</p>
19.95	<p>Retracement of Original Sec. Lines to establish 1/16 Sec. Cors. in T. 24 S., R. 20 E.</p> <p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 12 and 13, which is monumented with an iron post.</p> <p>S. <math>89^{\circ} 49'</math> W., bet. secs. 12 and 13, retracing original survey.</p> <p>Point for the W 1/16 sec. cor. of secs. 12 and 13, at proportionate dist., not monumented.</p> <p>The cor. of secs. 11, 12, 13, and 14.</p>
20.00	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 13 and 14, which is monumented with an iron post.</p> <p>N. <math>0^{\circ} 01'</math> W., bet. secs. 13 and 14, retracing original survey.</p> <p>Point for the N 1/16 sec. cor. of secs. 13 and 14.</p> <p>Set an iron post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  </div> <p>from which</p> <p>An oak, 12 ins. diam., bears S. <math>50^{\circ} 00'</math> W., 8 lks. dist., mkd. N1/16S14BT.</p> <p>The cor. of secs. 11, 12, 13, and 14.</p>

## Survey of the Bdy. of the Coronado National Memorial

Chains

From the cor. of secs. 11, 12, 13, and 14, which is monumented with an iron post.

N. 89° 47' W., bet. secs. 11 and 14, retracing the original survey.

20.00

Point for the E 1/16 sec. cor. of secs. 11 and 14, at proportionate dist.

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

E 1/16    S 11  
          S 14

1955

Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.

40.00

The ¼ sec. cor. of secs. 11 and 14.

From the cor. of secs. 10, 11, 14, and 15, which is monumented with an iron post.

N. 0° 01' W., bet. secs. 10 and 11, retracing the original survey.

20.00

Point for the S 1/16 sec. cor. of secs. 10 and 11.

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

S 1/16

S10 | S11

1955

Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

40.00

The ¼ sec. cor. of secs. 10 and 11.

From the cor. of secs. 9, 10, 15, and 16, which is monumented with an iron post.

N. 0° 02' W., bet. secs. 9 and 10, retracing the original survey.

20.00

Point for the S 1/16 sec. cor. of secs. 9 and 10.

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

S 1/16

S9 | S10

1955

from which

An oak, 8 ins. diam., bears S. 60 ¾° E., 30 lks. dist., mkd. S1/16S10BT.

An oak, 12 ins. diam., bears N. 43½° W., 50 lks. dist., mkd. S1/16S9BT.

40.00

The ¼ sec. cor. of secs. 9 and 10.

## Survey of the Bdy. of the Coronado National Memorial

Chains	Subdivision of Secs. 10, 11, 13, and 14, T. 24 S., R. 20 E.
	From the $\frac{1}{4}$ sec. cor. of secs. 13 and 24.
	North on N. and S. center line of sec. 13.
	Asc. 60 ft. over S. slope, through brush.
7.50	Ridge, bears NW. and SE.; asc. 115 ft. over broken E. slope.
24.00	Spur, slopes E., desc. 410 ft. over broken NE. slope.
40.01	Point for the C $\frac{1}{4}$ sec. cor. of sec. 13, at the intersection of the E. and W. center line of sec. 13.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	C $\frac{1}{4}$ S 13 1955
	Desc. 490 ft. over broken NE. slope through brush.
58.50	Road, graded gravel, bears W. and ESE.
60.02	Point for the C N $\frac{1}{16}$ sec. cor. of sec. 13, not monumented.
60.30	Wash, in Montezuma Canyon, 40 lks. wide, 4 ft. deep, course ESE.; asc. 290 ft. over general S. slope.
80.05	The $\frac{1}{4}$ sec. cor. of secs. 12 and 13, monumented as described in the official record.
	Land, mountainous. Soil, rocky loam. Timber, none; underbrush, oak, pinon and sparse grass.
	From the $\frac{1}{4}$ sec. cor. of sec. 13, on the E. bdy. of the sec.
	S. $89^{\circ} 49'$ W., on the E. and W. center line of sec. 13.
	Asc. 250 ft. over broken NE. slope, through brush.
26.35	Wash, 20 lks. wide, 5 ft. deep, course NE.; asc. 340 ft. over broken NE. slope to cor.
39.96	The C $\frac{1}{4}$ sec. cor. of sec. 13.
	Asc. 260 ft. over broken NE. slope.
53.40	Spur, steep, slopes N.; across N. slope.
57.70	Spur, slopes NNW.; desc. 45 ft. over W. slope to cor.
59.95	Point for the C-W $\frac{1}{16}$ sec. cor. of sec. 13, at proportionate dist.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	CW $\frac{1}{16}$ S 13 1955
	Asc. 170 ft. across broken N. slope to cor.
79.94	The $\frac{1}{4}$ sec. cor. of secs. 13 and 14, monumented as described in the official record.



## Survey of the Bdy. of the Coronado National Memorial

Chains	<p>Land, mountainous. Soil, rocky loam. Timber, none; undergrowth, oak, pinon and sparse grass.</p>
	<p>From the C-W 1/16 sec. cor. of sec. 13.</p> <p>N. 0° 03' E., on the N. and S. center line of the NW<math>\frac{1}{4}</math> of sec. 13.</p> <p>Desc. 40 ft. over W. slope, through heavy brush.</p>
4.50	Spur, slopes NW., desc. 530 ft. over broken NNW. slope.
20.01	<p>Point for the N-W 1/16 sec. cor. of sec. 13, at the intersection of the E. and W. center line of the NW<math>\frac{1}{4}</math> of sec. 13.</p> <p>Set an iron post, 28 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 18 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">NW 1/16 S 13 1955</p>
	<p>Raise a mound of stone, 2<math>\frac{1}{2}</math> ft. base, 2 ft. high, W. of cor.</p> <p>Desc. 35 ft. over NE. slope.</p>
22.00	Road, graded gravel, bears E. and W.
23.20	Wash, Montezuma Canyon, 35 lks. wide, 4 ft. deep, course E.; asc. 225 ft. over S. slope.
34.73	Intersect S. bdy. of State of Texas Lode, N. 84° 58' W., 8.43 chs. dist. of cor. No. 4.
39.99	Point for the W 1/16 sec. cor. of secs. 12 and 13.
	<p>From the point for the C-N 1/16 sec. cor. of sec. 13.</p> <p>S. 89° 50' W., on the E. and W. center line of the NW<math>\frac{1}{4}</math> of sec. 13.</p> <p>Asc. along toe of N. slope on S. side of Montezuma Canyon, through dense brush.</p>
17.20	Road, graded gravel, bears E. and WNW.
19.96	<p>The N-W 1/16 sec. cor. of sec. 13.</p> <p>Asc. 180 ft. across broken NNW. slope, through dense brush.</p>
39.96	The N 1/16 sec. cor. of secs. 13 and 14.
	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 14 and 23, which is monumented with an iron post.</p> <p>N. 0° 03' W., on the N. and S. center line of sec. 14.</p> <p>Desc. 60 ft. over W. slope, through dense brush.</p>
10.00	Wash, 15 lks. wide, 3 ft. deep, course W.; asc. 110 ft. over SW. slope.
16.50	Spur, slopes WSW.; desc. 70 ft. over NW. slope.
20.50	Wash, 10 lks. wide, 2 ft. deep, course SW.; asc. 475 ft. over broken S. slope.

## Survey of the Bdy. of the Coronado National Memorial

## Chains

- 39.98 Point for the C  $\frac{1}{4}$  sec. cor. of sec. 14, at the intersection of the E. and W. center line.  
Set an iron post, 28 ins. long, 2 $\frac{1}{2}$  ins. diam., 12 ins. in the ground, and in a mound of stone to top, with brass cap mkd.  
C  $\frac{1}{4}$   
S 14  
1955
- from which
- An oak, 12 ins. diam., bears N. 10  $\frac{3}{4}$ ° E., 31 lks. dist., marked C $\frac{1}{4}$ S14BT.
- An oak, 8 ins. diam., bears S. 36 $\frac{1}{4}$ ° W., 83 lks. dist., mkd. C $\frac{1}{4}$ S14BT.
- Asc. 105 ft. over S. slope.
- 44.80 Top of mountain, bears NW. and SE.; desc. 300 ft. over NE. slope.
- 59.99 Point for the C-N  $\frac{1}{16}$  sec. cor. of sec. 14, not monumented.  
Desc. 210 ft. over ENE. slope.
- 76.60 Wash, 10 lks. wide, 3 ft. deep, course ESE.; asc. 85 ft. over SE. slope.
- 80.00 The  $\frac{1}{4}$  sec. cor. of secs. 11 and 14.  
Land, mountainous.  
Soil, rocky loam.  
Timber, oak and pinon; undergrowth, sparse grass and Spanish dagger.
- 
- From the  $\frac{1}{4}$  sec. cor. of secs. 13 and 14.  
N. 89° 50' W., on the E. and W. center line of sec. 14.  
Desc. 110 ft. over NW. slope, through dense brush.
- 5.80 Asc. 280 ft. over broken NNE. slope.
- 19.99 Point for the C-E  $\frac{1}{16}$  sec. cor. of sec. 14, not monumented.  
Asc. 130 ft. over N. slope,
- 34.00 Top of mountain, bears NW, and SE.; desc. 25 ft. over S. slope.
- 39.98 The C  $\frac{1}{4}$  sec. cor. of sec. 14.  
Asc. 105 ft. over SSE. slope.
- 48.00 Spur, slopes SSE.; desc. 820 ft. over broken SW. slope.
- 79.94 The  $\frac{1}{4}$  sec. cor. of secs. 14 and 15.  
Land, mountainous.  
Soil, rocky loam.  
Timber, oak and pinon; undergrowth, grass, Spanish dagger and oak brush.

## Survey of the Bdy. of the Coronado National Memorial

Chains	
	From the point for the C-E 1/16 sec. cor. of sec. 14. N. 0° 02' W., on the N. and S. center line of the NE $\frac{1}{4}$ of sec. 14. Desc. 550 ft. on a spur, slopes N.; through brush.
20.02	Point for the N-E 1/16 sec. cor. of sec. 14, at the intersection of the E. and W. center line of the NE $\frac{1}{4}$ of sec. 14.
26.80	Wash, in canyon, 20 lks. wide, course NE.; asc. 85 ft. over SE. slope.
34.00	Spur, slopes E.; desc. 90 ft. over N. slope.
37.10	Wash, 20 lks. wide, 2 ft. deep, course E.; asc. 110 ft. to cor.
38.30	Road, graded gravel, bears E. and W.
40.00	The E 1/16 sec. cor. of secs. 11 and 14.
	From the N 1/16 sec. cor. of secs. 13 and 14. N. 89° 48' W., on the E. and W. center line of the NE $\frac{1}{4}$ of sec. 14. Desc. 54 ft. over WNW. slope, through dense brush.
3.20	Wash, 30 lks. wide, 2 ft. deep, course NE.; asc. 48 ft. over E. slope.
5.56	Intersect the S. bdy. of the Z. T. Parker Mining Claim No. 3642. Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., over an "X" cut on solid rock, and in a mound of stone to the top, with brass cap mkd.
	<p style="text-align: center;">ZTP 3642 PL S 14 1955</p>
	From above intersection point, cor. No. 4 of Z. T. Parker Claim, bears N. 52° 40' E., 2.16 chs. dist. Asc. 198 ft. over SE. slope, through scattered brush.
12.95	Intersect the W. bdy. of the Z. T. Parker Mining Claim No. 3642. Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 15 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	<p style="text-align: center;">PL   ZTP S 14   3642 1955</p>
15.00	Long spur, slopes NNE.; desc. 51 ft. over N. slope to cor.
20.02	The N-E 1/16 sec. cor. of sec. 14. Desc. 40 ft. over NW. slope.
23.00	Wash, in canyon, 20 lks. wide, course NE.; asc. 500 ft. over broken ENE. slope.
40.01	The point of the C-N 1/16 sec. cor. of sec. 14.

Survey of the Bdy. of the Coronado National Memorial

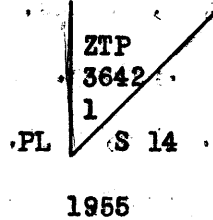
Chains

From the cor., 5.56 chs. West of the N 1/16 sec. cor. of secs. 13 and 14; at the intersection of the E. and W. center line of the NE 1/4 of sec. 14, and the S. bdy. of Mineral Survey No. 3642, Z. T. Parker Lode.

S. 52° 40' W., on the S. bdy. of the Z. T. Parker Lode.

9.40 Cor. No. 1 of Z. T. Parker Lode, monumented with a mound of stone.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.



Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, NE. of cor.

Thence N. 0° 54' E. along W. bdy. of Z. T. Parker Lode, beginning new measurement.

5.70 Intersect the E. and W. center line of the NW 1/4 of sec. 14, at the cor. heretofore described.

From the 1/4 sec. cor. of secs. 11 and 14.

N. 0° 02' W., on the N. and S. center line of sec. 11.

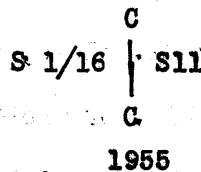
Asc. 87 ft. over broken E. slope.

12.60 Spur, slopes E.; desc. 125 ft. over NE. slope.

18.10 Road, graded gravel, bears NW. and SE.; desc. 32 ft. over NE. slope.

20.01 Point for the C-S 1/16 sec. cor. of sec. 11.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.



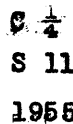
Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.

Desc. 70 ft. over NE. slope.

27.50 Wash, 20 lks. wide, 4 ft. deep, course SE.; asc. 460 ft. over S. slope.

40.02 Point for the C 1/4 sec. cor. of sec. 11, at the intersection of the E. and W. center line of sec. 11.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, and in a mound of stone to the top, with brass cap mkd.



Asc. 30 ft. over S. slope.

41.30 Spur, slopes SE.; desc. 15 ft. over E. slope.

## Survey of the Bdy. of the Coronado National Memorial

Chains	
45.83	Intersect S. bdy. of Grub Stake No. 3, S. 42° 16' E., 4.48 chs. dist. from Cor. No. 4.
47.40	Wash, in canyon, course SSE.; asc. 185 ft. over SSW. slope.
56.00	Wash, 10 lks. wide, 1 ft. deep, course SSW.; asc. 775 ft. over SSW. slope.
59.35	Intersect N. bdy. of Grub Stake No. 3, S. 42° 16' E., 97 lks. dist. from Cor. No. 1.
80.03	The $\frac{1}{4}$ sec. cor. of secs. 2 and 11.  Land, mountainous. Soil, rocky loam. Timber, pinon and pine; undergrowth, oak, Spanish dagger, and grass.
	From the $\frac{1}{4}$ sec. cor. of secs. 11 and 12, which is monumented with an iron post.  West, on the E. and W. center line of sec. 11.  Asc. 140 ft. over SE. slope, through dense brush.
5.50	Spur, slopes S.; desc. 290 ft. over SW. slope.
16.40	Wash, in canyon, 10 lks. wide, course S.; asc. 230 ft. over SE. slope.
26.60	Spur, slopes SSW.; desc. 180 ft. over WSW. slope.
32.20	Wash, 20 lks. wide, 2 ft. deep, course SSW.
35.60	Wash, 30 lks. wide, 3 ft. deep, course SSE.; asc. 120 ft. over SE. slope.
40.04	The C $\frac{1}{4}$ sec. cor. of sec. 11, at the intersection of the N. and S. center line of sec. 11.  Asc. 90 ft. over SSE. slope.
48.00	Spur, slopes S.; desc. 120 ft. over SSW. slope.
59.80	Wash, in canyon, 15 lks. wide, course SE.; asc. 280 ft. over ESE. slope.
69.00	Ridge, bears N. and SSE.; desc. 380 ft. over broken SW. slope.
80.06	The $\frac{1}{4}$ sec. cor. of secs. 10 and 11.  Land, mountainous. Soil, rocky loam. Timber, pine and pinon; undergrowth, oak, Spanish dagger, and grass.
	From C-S $\frac{1}{16}$ sec. cor. of sec. 11.  N. 89° 54' W., on the E. and W. center line of the SW $\frac{1}{4}$ of sec. 11.  Asc. 28 ft. over E. slope, through dense brush.
1.00	Road, graded gravel, bears N. and S.; asc. 273 ft. over E. slope.
6.85	Road, same, bears N. and S.; asc. 258 ft. over broken E. slope.
15.25	Ridge, bears S. and NNW.; fence same bearing, desc. 325 ft. over broken WSW slope.

## Survey of the Bdy. of the Coronado National Memorial

Chains	
22.90	Road, same as above, bears SE. and NW.; desc. 387 ft. over SW. slope.
25.30	Fence, bears NW. and SE.
40.02	The S 1/16 sec. cor. of secs. 10 and 11.
From the 1/4 sec. cor. of secs. 10 and 15, which is monumented with an iron post.	
North, on the N. and S. center line of sec. 10.	
Asc. 105 ft. over S. slope, through black oak.	
20.02	Point for the C-S 1/16 sec. cor. of sec. 10.
Set an iron post, 26 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap mkd.	
$\begin{array}{c} C \\ S \ 1/16 \quad   \quad S10 \\ C \end{array}$	
1955	
Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.	
Asc. 110 ft. over general S. slope.	
40.04	Point for the C 1/4 sec. cor. of sec. 10, at the intersection of the E. and W. center line of sec. 10.
Set an iron post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap mkd.	
C 1/4	
S 10	
1955	
Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W. of cor.	
Asc. 135 ft. over SSW. slope.	
58.00	Road, graded gravel, bears WNW. and ESE.
62.40	Wash, in canyon, 40 lks. wide, course SW.; asc. 505 ft. over broken S. slope.
77.00	Spur, slopes SE.; desc. 75 ft. over ENE. slope.
80.06	The 1/4 sec. cor. of secs. 3 and 10.
Land, grassy slopes and mountains. Soil, rocky loam. Timber, pine, pinon, and black oak; undergrowth Spanish dagger and good grass.	
From the 1/4 sec. cor. of secs. 10 and 11.	
N. 89° 55' W. on E. and W. center line of sec. 10.	
Desc. 215 ft. over W. slope.	
6.50	Road, graded gravel, bears NW. and SE.; desc. 85 ft. over SW. slope.
11.40	Wash, 10 lks. wide, 3 ft. deep, course SW.; desc. 285 ft. over SW. slope.

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## Survey of the Bdy. of the Coronado National Memorial

## Chains

39.98

The C  $\frac{1}{4}$  sec. cor. of sec. 10.

Desc. 145 ft. over SSW. slope.

59.50

Track road, bears N. and S.

80.02

The  $\frac{1}{4}$  sec. cor. of secs. 9 and 10.

Land, grass covered slopes.

Soil, rocky loam.

Timber, black oak and pinon; undergrowth, Spanish dagger and good grass.

From the S  $\frac{1}{16}$  sec. cor. of secs. 10 and 11.N.  $89^{\circ} 55'$  W., on the E. and W. center line of the SE  $\frac{1}{4}$  of sec. 10.

Desc. 160 ft. over SW. slope, through brush and timber.

15.80

Wash, 20 lks. wide, 5 ft. deep, course S.; desc. 45 ft. over SSW. slope.

27.80

Wash, 25 lks. wide, 8 ft. deep, course SW.; desc. 41 ft. over S. slope.

40.01

The C-S  $\frac{1}{16}$  sec. cor. of sec. 10.Thence N.  $89^{\circ} 53'$  W., on E. and W. center line of the SW  $\frac{1}{4}$  of sec. 10.

Desc. 85 ft. over gentle SW. slope, through timber.

64.00

Track road, bears N. and S.

80.00

The S  $\frac{1}{16}$  sec. cor. of secs. 9 and 10.

Land, gentle slopes.

Soil, rocky loam.

Timber, black oak and pinon; undergrowth, oak brush, Spanish dagger, and good grass.

## General Description

The major portion of the land in this survey is rough mountains, covered with black and scrub oak, scattered pine and pinon, and fair grass. Parts of secs. 17, 18, and 20, T. 24 S., R. 21 E. and secs. 10 and 15, T. 24 S., R. 20 E. is good grass land, one spring in sec. 10. A good graded and graveled road bisects the land E. and W. None of the mines are operating at present.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
George M. Boofer	GS 5, Instrument
Donald A. Cannon	GS 2, Notes
Wade B. Batenson	IGS 2, Chain
Edward Bushell	GS 1, Truck
Kelly Spendlove	IGS 1, Axeman
Thomas R. Judd	IGS 1, Flagman



CERTIFICATE OF CADASTRAL ENGINEER

I, Donald E. Harding, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 9th day of Feb., 1955,  
I have surveyed a partial subdivision of Sec. 17, 18 and 20, T. 24 S., R. 21 E.  
and Secs. 10, 11, 13 and 14, T. 24 S., R. 20 E.

of the G. & S. R. Meridian, in the State of Arizona, which are  
represented in the foregoing field notes as having been executed by me and under my direction; and that  
said survey has been made in strict conformity with said instructions, the Manual of Instructions for the  
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing  
field notes.

May 3, 1955

Salt Lake City, Utah

*Donald E. Harding*

Cadastral Engineer

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., AUG 12 1955, 1955

The foregoing field notes of the survey of a partial subdivision of Sec. 17, 18, and 20,  
T. 24 S., R. 21 E., and secs. 10, 11, 13, and 14, T. 24 S., R. 20 E., G. & S. R.  
Meridian, Arizona.

executed by Donald E. Harding

having been critically examined and found correct, are hereby approved.

*Earl G. Harrington*  
Chief, Division of Cadastral Engineering  
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in~~  
~~\_\_\_\_\_ is a true copy of the original field notes.~~

~~Chief, Division of Cadastral Engineering~~