

Original

4-679
(April 1933)

Book 1.

BOOK 4188

4188

FIELD NOTES

of the

Subdivisional Lines

of

Township 4 South, Range 3 West,

Of the Gila and Salt River Meridian,

In the State of Arizona.

EXECUTED BY

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Claude F. Warner, Transitman,

General Land Office.

Under special instructions dated December 12, 1933, which provided for the surveys included under Group No. 198, bearing the approval of the Commissioner of the General Land Office under date of March 26, 1934, and assignment instructions dated January 10, 1938.

Survey commenced April 14, 1938.

Survey completed April 27, 1938.

4188

BOOK 4188

INDEX DIAGRAM.

Township 4 South, Range 3 West

6	45	5	34	4	26	3	17	2	9	1
45		44		33		25		16		8
7	43	8	33	9	24	10	16	11	8	12
43		42		32		24		15		7
18	41	17	31	16	23	15	14	14	6	13
40		40		31		22		14		5
19	39	20	30	21	21	22	13	23	4	24
38		38		29		20		12		4
30	37	29	28	28	19	27	12	26	3	25
36		36		28		19		11		2
31	35	32	27	33	18	34	10	35	1	36

Subdivision of T.4 S., R.3 W.

Book 4182

Chains

The subdivisional survey of Township 4 South, Range 3 West, was executed with Buff & Buff solar transit No. 16723, Buff & Buff solar transit No. 9984, and Young & Sons solar transit No. 8526, property of the General Land Office. The instruments are equipped with full vertical circles and the Smith solar attachments and were approved by the District Cadastral Engineer on Jan. 10, 1938, conditional upon satisfactory field tests. We examine all the instrumental adjustments before making the field tests hereinafter described.

The directions of the lines were determined by the solar transit method. The measurements were made with Lallie steel tapes, 5 chs. in length, graduated every lk. for the first 100 lks. and thereafter at intervals of 10' lks. The tapes were tested by comparison with a Lufkin standard and found to be correct. The measurements were made on the slope and the vertical angle at each interval ascertained by clinometeres in good adjustment; the horizontal equivalents are entered in the field note record.

The geographical position of the SE. cor. of the Tp., as furnished with the special instructions, is as follows: latitude $33^{\circ}01'41''N.$, and longitude $112^{\circ}30'44''W.$

April 3, 1938, with Buff & Buff solar transit No. 16723 on the meridian established by Polaris observation, described in the field notes of the exterior lines, surveyed under this group, every 30 min. from 8:00 a. m. to 10:30 a. m., and from 1:30 p. m. to 4:00 p. m., the proper settings are made on the latitude and declination arcs; the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1'30''$.

April 3, 1938 with Buff & Buff solar transit No. 9984, on the meridian established by Polaris observation, described in the field notes of the exterior lines, surveyed under this group, every 30 min. from 8:00 a. m. to 10:30 a. m., and from 1:30 p. m. to 4:00 p. m., the proper settings are made on the latitude and declination arcs; the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1'30''$.

April 3, 1938, with Young & Sons solar transit No. 8526, on the meridian established by Polaris observation, described in the field notes of the exterior lines, surveyed under this group, every 30 min. from 8:00 a. m. to 10:30 a. m., and from 1:30 p. m. to 4:00 p. m., the proper settings are made on the latitude and declination arcs; the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than $1'30''$.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., described in the field notes of the S. bdy. of T.4 S., R.3 W., surveyed under this group.

$N.0^{\circ}01'W.$, bet. secs. 35 and 36.

Over rolling desert land, thru scattered timber and undergrowth.

5.00 Wash, 10 lks. wide, course $S.20^{\circ}E.$

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, and in a mound of stone, 4 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 35 | S 36

1938

Subdivision of T.4 S., R.3 W.

Chains

from which

A paloverde, 4 ins. diam., bears N.52°E., 143 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

An ironwood, 5 ins. diam., bears N.35 $\frac{3}{4}$ °W., 286 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.

43.60 Wash, 20 lks. wide, course S.70°W.

45.50 Wash, 20 lks. wide, course S.70°W.

61.20 Wash, 40 lks. wide, course S.50°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap mkd.

T 4 S R 3 W

S 26	S 25
S 35	S 36

1938

from which

An ironwood, 6 ins. diam., bears N.46 $\frac{3}{4}$ °E., 428 lks. dist., mkd. T 4 S R 3 W S 25 B T.

An ironwood, 6 ins. diam., bears S.33°E., 221 lks. dist., mkd. T 4 S R 3 W S 36 B T.

An ironwood, 14 ins. diam., bears S.23°W., 203 lks. dist., mkd. T 4 S R 3 W S 35 B T.

A paloverde, 10 ins. diam., bears N.60 $\frac{1}{2}$ °W., 84 lks. dist., mkd. T 4 S R 3 W S 26 B T.

Land, rolling desert.

Soil, gravelly; 3rd rate.

Timber, scattered paloverde and ironwood; undergrowth, ocatillo, cholla, sahuara and greasewood.

N.89°54'E., on a random line, bet. secs. 25 and 36.

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

80.14 A point 5 lks. S. of the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., described in the field notes of the E. bdy. of T.4 S., R.3 W., surveyed under this group.

Thence,

S.89°52'W., on a true line, bet. secs. 25 and 36.

Over rough mountainous land, thru scattered timber and undergrowth; desc. 196 ft. over rocky W. slope.

5.50 Rocky wash, 30 lks. wide, course S.40°W.; asc. 66 ft. over rocky SE. slope.

9.90 Short rocky spur, slopes SW.; desc. 259 ft. over rocky granite SW. slope.

17.20 Base of mountain; enter rolling desert land.

40.07 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Subdivision of T.4 S., R.3 W.

6188

Chains

$\frac{1}{4}$ S 25
S 36

1938

from which

An ironwood, 6 ins. diam., bears N.15°E., 30 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.

An ironwood, 6 ins. diam., bears S.47 $\frac{3}{4}$ °W., 268 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

45.10 Wash, 40 lks. wide, course S.30°W.

63.20 Wash, 20 lks. wide, course S.70°W.

69.50 Wash, 20 lks. wide, course S.30°W.

73.60 Wash, 30 lks. wide, course S.20°W.

80.14 The cor. of secs. 25, 26, 35 and 36.

Land, mountainous and rolling desert. Soil, sandy, gravelly and rocky; 2nd, 3rd and 4th rate. Timber, paloverde and ironwood; undergrowth, cactus and greasewood.

N.0°01'W., bet. secs. 25 and 26.

Over rolling desert land, thru scattered timber and undergrowth.

12.60 Wash, 20 lks. wide, course S.20°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 26 | S 25

1938

from which

An ironwood, 6 ins. diam., bears N.13 $\frac{1}{4}$ °E., 208 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.

An ironwood, 6 ins. diam., bears N.40°W., 303 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.

59.80 Wash, 20 lks. wide, course N.85°W.

60.00 Base of mountain, bears N.85°W., and S.85°W.; asc. 614 ft. over rocky S. slope.

76.62 Narrow ridge, bears E. and W.; desc. 148 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, and in a mound of stone, 6 ft. base, to top, for cor. of secs. 23, 24, 25 and 26, with brass cap mkd.

T 4 S R 3 W

S 23 | S 24
S 26 | S 25

1938

from which

Subdivision of T.4 S., R.3 W.

Chains	
	<p>A paloverde, 4 ins. diam., bears S.33$\frac{1}{4}$°E., 31 lks. dist., mkd. T 4 S R 3 W S 25 B T.</p> <p>A paloverde, 4 ins. diam., bears N.41$\frac{1}{2}$°W., 27 lks. dist., mkd. T 4 S R 3 W S 23 B T.</p> <p>No other suitable accessories.</p> <p>Land, rolling desert and mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.</p>
	<p>N.89°52'E., on a random line, bet. secs. 24 and 25.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	A point 7 lks. S. of the cor. of secs. 19, 24, 25 and 30, described in the field notes of the E. bdy. of the Tp., surveyed under this group.
	<p>Thence,</p> <p>S.89°49'W., on a true line, bet. secs. 24 and 25.</p> <p>Over rolling land, thru scattered timber and undergrowth; desc. 57 ft. over rocky N. slope.</p>
16.30	Base of mountain.
35.10	Wash, 150 lks. wide, course S.70°W.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	<p style="text-align: center;"> $\frac{1}{4}$ S 24 <hr style="width: 10%; margin: 0 auto;"/> S 25 1938 </p> <p style="text-align: right;">from which</p>
	<p>An ironwood, 6 ins. diam., bears N.64°W., 150 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.</p> <p>An ironwood, 6 ins. diam., bears S.12$\frac{1}{2}$°E., 199 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.</p> <p>Raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p> <p>Over a series of small washes draining S.70°W.</p>
58.90	Wash, 100. lks. wide, course N.40°W. and S.40°W.
60.70	Base of mountain; center mountainous land; asc. 391 ft. over rocky NE. slope.
80.12	The cor. of secs. 23, 24, 25 and 26.
	<p>Land, rolling and mountainous. Soil, sandy gravel and rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.</p>
	<p>N.0°01'W., bet. secs. 23 and 24.</p> <p>Over rough mountainous land, thru scattered timber and undergrowth; desc. 241 ft. over rocky NE. slope.</p>

Subdivision of T.4 S., R.3 W.

188

Chains	
9.30	Spur, slopes N.40°E.; desc. 203 ft. over NW. slope.
15.20	Base of mountains..
16.30	Wash, 150 lks. wide, course N.80°W.; asc. 255 ft. over rocky SW. slope.
39.70	Top of spur, slopes W.; desc. 10 ft. to $\frac{1}{4}$ sec. cor.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, and in a mound of stone, 4 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 23 S 24 1938
	from which
	A paloverde, 5 ins. diam., bears S.38°W., 55 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.
	No other suitable accessory.
	Over rough mountainous land; desc. 216 ft. over N. slope.
45.15	Wash, 20 lks. wide, course W., near head; asc. 169 ft. over rocky SW. slope.
54.25	Top of spur, slopes W.; desc. 172 ft. over N. slope.
63.75	Base of mountains; enter gently rolling rocky land.
75.77	Wash, 30 lks. wide, course S.40°W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, and in a mound of stone, 2 ft. base, to top, for cor. of secs. 13, 14, 23 and 24, with brass cap mkd.
	T 4 S R 3 W S 14 S 13 S 23 S 24 1938
	from which
	An ironwood, 5 ins. diam., bears N.37 $\frac{1}{2}$ °W., 212 lks. dist., mkd. T 4 S R 3 W S 14 B T.
	No other suitable accessories.
	Land, rough and mountainous. Soil, rocky; 4th rate. Timber, scattered paloverde and ironwood; undergrowth, cactus, greasewood and palonegri.
	N.89°49'E., on a random line, bet. secs. 13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.11	A point 2 lks. N. of the cor. of secs. 13, 18, 19 and 24, described in the field notes of the E. bdy. of the Tp., surveyed under this group.
	Thence,
	S.89°50'W., on a true line, bet. secs. 13 and 24.

Subdivision of T.4 S., R.3 W.

Chains
 Over rolling land, thru scattered timber and undergrowth.
 15.80 Wash, 40 lks. wide, course S.20°E.; asc. 40 ft. over N. slope.
 30.80 Short spur, slopes N.; desc. 10 ft.
 33.20 Wash, 15 lks. wide; course N.20°E.; asc. 175 ft. over rocky SE. slope.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ $\frac{S\ 13}{S\ 24}$
 1938

from which

A paloverde, 6 ins. diam., bears N.35 $\frac{1}{2}$ °E., 96 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

A paloverde, 6 ins. diam., bears S.10 $\frac{3}{4}$ °E., 32 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.

Asc. 39 ft. to ridge, over SE. slope.

42.00 Top of narrow ridge, bears N. and S.; desc. 414 ft. over SW. slope.
 47.60 Rocky wash, 15 lks. wide, course S.80°W. Head is about 4 chs. N.
 66.00 Toe of slope; enter rolling land.
 72.10 Wash, 30 lks. wide, course S.40°W.
 80.11 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous and rolling.
 Soil, rocky and gravelly; 3rd and 4th rate.
 Timber, scattered paloverde; undergrowth, cactus, greasewood and palonegri.

N.0°01'W., bet. secs. 13 and 14.

Over rough mountainous land, thru scattered timber and undergrowth; asc. slightly over SW. slope.

8.90 Wash, 20 lks. wide, course S.85°W; asc. 594 ft. over rocky SE. slope.
 40.00 Short rocky spur, bears SE.
 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, and in a mound of stone, 5 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 $S\ 14\ | \ S\ 13$
 1938

from which

A paloverde, 4 ins. diam., bears N.39 $\frac{1}{2}$ °E., 14 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

A paloverde, 6 ins. diam., bears S.79°W., 32 lks.

Subdivision of T.4 S., R.3 W.

Chains

dist., mkd. $\frac{1}{4}$ S. 14 B T.

Desc. 35 ft. over NE. slope.

42.30 Asc. 97 ft. over rocky SE. slope.

46.50 Short spur, bears SE.; asc. 135 ft.

58.50 Short spur, bears SE.; asc. 35 ft.

61.00 Ridge, bears N.80°E., and S.80°W.; desc. 311 ft. over N. slope.

71.50 Wash, 10 lks. wide, course N.15°W.; desc. 65 ft. over W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, and in a mound of stone, 5 ft. base, to top, for cor. of secs. 11,12,13 and 14, with brass cap mkd.

T 4 S R 3 W

S 11	S 12
S 14	S 13

1938

from which

A paloverde, 5 ins. diam., bears N.31 $\frac{1}{4}$ °E., 98 lks. dist., mkd. T 4 S R 3 W S 12 B T.

No other suitable accessories.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scattered paloverde; undergrowth, cactus, greasewood and palonegri.

N.89°50'E., on a random line, bet. secs. 12 and 13.

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

80.16 A point 2 lks. S. of the cor. of secs. 7,12,13 and 18, described in the field notes of the E. bdy. of the Tp., surveyed under this group.

Thence,

S.89°49'W., on a true line, bet. secs. 12 and 13.

Over rough mountainous land, thru scattered timber and undergrowth; desc. 388 ft. over rocky SW. slope.

26.00 Wash, 20 lks. wide, course S.30°E.; asc. gradually over rolling NE. slope.

39.66 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, and in a mound of stone, 4 ft. base, to top, for witness $\frac{1}{4}$ sec. cor., with brass cap mkd.

W C $\frac{1}{4}$	S 12
	S 13

1938

from which

An ironwood, 5 ins. diam., bears N.54 $\frac{3}{4}$ °E., 177 lks. dist., mkd. W C $\frac{1}{4}$ S 12 B T.

Subdivision of T.4 S., R.3 W.

Chains

A paloverde, 6 ins. diam., bears S.8°E., 65 lks. dist., mkd. W C $\frac{1}{4}$ S 13 B T.

40.08 Point for $\frac{1}{4}$ sec. cor. falls in Wash, 10 lks. wide, course S.80°E.; asc. 235 ft. over rocky SE. slope.

54.20 Rocky spur, slopes N.; desc. 163 ft. along NW. slope.

80.16 The cor. of secs. 11, 12, 13 and 14.

Land, mountainous.
Soil, rocky; 4th rate.
Timber, scattered paloverde and ironwood; undergrowth, cactus, greasewood and palonegri.

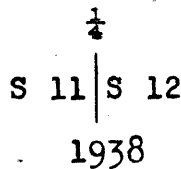
N.0°01'W., bet. secs. 11 and 12.

Over rough mountainous land, thru scattered timber and undergrowth; desc. 319 ft. over NW. slope.

28.30 Wash, 2 chs. wide, course W.; asc. 330 ft. over rocky SW. slope.

40.00 Spur, slopes W.

Set an iron post, 3 ft. long, 1 in. diam., on bedrock, and in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

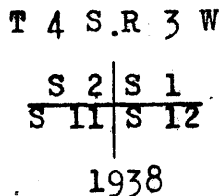
A paloverde, 6 ins. diam., bears S.27 $\frac{1}{2}$ °E., 88 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

A paloverde, 6 ins. diam., bears S.6 $\frac{1}{4}$ °W., 123 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.

Desc. 481 ft. over rocky W. slope.

63.30 Wash, 150 lks. wide, course W.; asc. 326 ft. over rocky SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, and in a mound of stone, 5 ft. base, to top, for cor. of secs. 1, 2, 11 and 12, with brass cap mkd.



No suitable accessories.

Land, mountainous.
Soil, rocky; 4th rate.
Timber, scattered paloverde and ironwood; undergrowth, cactus, greasewood and palonegri.

N.89°49'E., on a random line, bet. secs. 1 and 12.

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

Subdivision of T.4 S., R.3 W.

Chains

80.12

A point 5 lks. N. of the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., described in the field notes of the E. bdy. of T.4 S., R.3 W., surveyed under this group.

Thence,

S.89°51'W., on a true line, bet. secs. 1 and 12.

Over rough mountainous land, thru scattered timber and undergrowth; desc. 365 ft. over rocky NW. slope.

13.45

Wash, 50 lks. wide, course N.30°W.; asc. 209 ft. over rocky E. slope.

22.45

Rocky spur, slopes N.; desc. 215 ft. along broken rocky N. and W. slope.

40.06

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

S 1

 $\frac{1}{4}$

S 12

1938

from which

An ironwood, 4 ins. diam., bears N.63°W., 160 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

A paloverde, 6 ins. diam., bears S.10 $\frac{1}{2}$ °E., 72 lks. dist., mkd. $\frac{1}{4}$ S 12 B T.

Over rolling land.

54.10

Low divide, bears S.62°E., and N.30°W.

56.60

Head of wash, 10 lks. wide, course S.50°W.; asc. 449 ft. along S. slope.

76.40

Spur, slopes S.; desc. 147 ft. over rocky W. slope.

80.12

The cor. of secs. 1, 2, 11 and 12.

Land, rolling and mountainous.

Soil, rocky; 4th rate.

Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.

N.0°01'W., on a random line, bet. secs. 1 and 2.

40.00

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

81.41

A point 20 lks. W. of the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., an iron post, 2 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the official record.

Thence,

S.0°08'W., on a true line, bet. secs. 1 and 2.

Over rough mountainous land, thru scattered timber and undergrowth; asc. 602 ft. along broken NE. slope.

37.60

Ridge, bears N.10°W. and S.10°E.; desc. 141 ft. over S. slope.

41.41

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.

Subdivision of T.4 S., R.3 W.

Chains

with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S\ 2 \mid S\ 1 \\ \downarrow \\ 1938 \end{array}$$

from which

A paloverde, 4 ins. diam., bears East, 39 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

No other suitable accessory.

Des^d. 301 ft. over rocky S. slope.

- 49.55 Wash, near head, 10 lks. wide, course S.30°W.; asc. 80 ft. over N. slope.
- 53.00 Short spur, slopes W.; desc. 50 ft. over S. slope.
- 55.90 Wash, near head, 10 lks. wide, course W.; asc. 200 ft. over rocky N. slope.
- 63.50 Rocky spur, slopes S.80°W.
- 69.50 Rocky spur, slopes S.50°W.; desc. 385 ft. over SW. slope.
- 81.41 The cor. of secs. 1,2,11 and 12.

Land, mountainous.

Soil, rocky; 4th rate.

Timber, scattered paloverde; undergrowth, cactus, greasewood and palonegri.

From the cor. of secs. 2,3,34 and 35, on the S. bdy. of the Tp., described in the field notes of the S. bdy. of T.4 S., R.3 W., surveyed under this group.

N.0°01'W., bet. secs. 34 and 35.

Over mountainous land, thru scattered timber and undergrowth; asc. 95 ft. over broken S. slope.

- 7.93 Top of spur, slopes SW; desc. 201 ft. over broken N. slope.
- 38.80 Wash, 20 lks. wide, course NW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S\ 34 \mid S\ 35 \\ \downarrow \\ 1938 \end{array}$$

from which

An ironwood, 5 ins. diam., bears N.36°E., 98 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.

An ironwood, 10 ins. diam., bears N.89 $\frac{1}{2}$ °W., 276 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.

- 44.30 Wash, 20 lks. wide, course NW.
- 47.80 Wash, 50 lks. wide, course W.
- 57.50 Wash, 20 lks. wide, course SW.

Subdivision of T.4 S., R.3 W.

BOOK 4188

Chains	
67.80	Wash, 20 lks. wide, course W.; asc. 38 ft.
70.87	Top of knoll, 75 ft. high, bears E. 60 lks. dist., and W. 1 ch. dist.; desc. 29 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with a granite stone, 7x5x2 ins., mkd. with a cross (+) deposited at the base, for cor. of secs. 26, 27, 34 and 35, with brass cap mkd.
	T 4 S R 3 W S 27 S 26 S 34 S 35 1938
	from which
	An ironwood, 18 ins. diam., bears N.20 $\frac{1}{2}$ °E., 432 lks. dist., mkd. T 4 S R 3 W S 26 B T.
	An ironwood, 6 ins. diam., bears S.29 $\frac{3}{4}$ °E., 104 lks. dist., mkd. T 4 S R 3 W S 35 B T.
	An ironwood, 8 ins. diam., bears S.46°W., 487 lks. dist., mkd. T 4 S R 3 W S 34 B T.
	No other suitable accessory.
	Land, mountainous and rolling. Soil, sandy, gravelly and rocky; 4th rate. Timber, scattered paloverde and ironwood; undergrowth, greasewood, sage, cholla, sahuara and cactus.
	N.89°54'E., on a random line, bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	A point 9 lks. N. of the cor. of secs. 25,26,35 and. 36. Thence, S.89°58'W., on a true line, bet. secs. 26 and 35. Over rolling desert land, thru medium heavy timber and undergrowth.
40.03	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 26 $\frac{1}{4}$ ——— S 35 1938
	from which
	An ironwood, 15 ins. diam., bears N.0 $\frac{1}{2}$ °E., 372 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.
	An ironwood, 6 ins. diam., bears S.30 $\frac{1}{4}$ °E., 269 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.
42.80	Wash, 20 lks. wide, course SW.
57.80	Wash, 25 lks. wide, course SW.
80.06	The cor. of secs. 26,27,34 and 35. Land, rolling desert.

Subdivision of T.4 S., R.3 W.

Chains	<p>Soil, sandy and gravelly; 3rd rate. Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocotillo, sahuara and cactus.</p> <hr/> <p>N.0°01'W., bet. secs. 26 and 27.</p> <p>Over rolling desert land, thru medium heavy timber and undergrowth.</p> <p>36.90 Wash, 30 lks. wide, course SW.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with a granite stone, 7x5x2 ins., mkd. with a cross (+) deposited at the base, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <div style="text-align: center;"> $\frac{1}{4}$ <table style="margin: auto;"> <tr> <td>S 27</td> <td> </td> <td>S 26</td> </tr> <tr> <td colspan="3" style="text-align: center;">1938</td> </tr> </table> </div> <p>No suitable accessories.</p> <p>61.60 Wash, 50 lks. wide, course W.</p> <p>75.00 Wash, 20 lks. wide, course SW.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with a granite stone, 5x5x2 ins., deposited at the base, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 4 S R 3 W</p> <table style="margin: auto;"> <tr> <td>S 22</td> <td> </td> <td>S 23</td> </tr> <tr> <td>S 27</td> <td> </td> <td>S 26</td> </tr> <tr> <td colspan="3" style="text-align: center;">1938</td> </tr> </table> <p style="text-align: right;">from which</p> <p>An ironwood, 6 ins. diam., bears S.87°E., 148 lks. dist., mkd. T 4 S R 3 W S 26 B T.</p> </div> <p>No other suitable accessories.</p> <p>Land, rolling desert. Soil, sandy and gravelly; 3rd rate. Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocotillo, sahuara and cactus.</p> <hr/> <p>N.89°58'E., on a random line, bet. secs. 23 and 26.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>79.99 A point 7 lks. S. of the cor. of 23, 24, 25 and 26.</p> <p>Thence,</p> <p>S.89°55'W., on a true line, bet. secs. 23 and 26.</p> <p>Over mountainous land, thru medium heavy timber and undergrowth; asc. 94 ft. up broken NE. slope.</p> <p>3.90 Top of ascent and spur, slopes N.; desc. 630 ft. down a broken SW. slope.</p> <p>39.99 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor, with brass cap mkd.</p>	S 27		S 26	1938			S 22		S 23	S 27		S 26	1938		
S 27		S 26														
1938																
S 22		S 23														
S 27		S 26														
1938																

Subdivision of T.4 S., R.3 W.

B. O. A. 1128

Chains	
	$\begin{array}{c} S\ 23 \\ \frac{1}{4} \\ S\ 26 \\ 1938 \end{array}$ <p style="text-align: right;">raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.</p>
55.00	Wash, 50 lks. wide, course SW.
71.50	Wash, 50 lks. wide, course S.
79.99	The cor. of secs. 22, 23, 26 and 27.
	<p>Land, mountainous and rolling desert. Soil, sandy, gravelly and rocky; 4th rate. Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, sahuara and cactus.</p> <hr/> <p>N.0°01'W., bet. secs. 22 and 23. Over rolling desert land, thru medium heavy timber and undergrowth.</p>
21.10	Wash, 20 lks. wide, course SW.
30.20	Wash, 20 lks. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ S\ 22 \mid S\ 23 \\ 1938 \end{array}$ <p style="text-align: right;">from which</p> <p>An ironwood, 4 ins. diam., bears N.44½°E., 195 lks. dist., mkd. ¼ S 23 B T.</p> <p>An ironwood, 18 ins. diam., bears S.57°W., 104 lks. dist., mkd. ¼ S 22 B T.</p>
	Enter mountainous land.
41.10	Wash, 25 lks. wide, course SW.; asc. 344 ft. along broken SW. slope.
60.40	Spur, slopes W.; desc. 251 ft. along broken NW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with a rock mkd. with a cross(+) deposited at the base, for cor. of secs. 14, 15, 22 and 23, with brass cap mkd.
	$\begin{array}{c} T\ 4\ S\ R\ 3\ W \\ S\ 15 \mid S\ 14 \\ S\ 22 \mid S\ 23 \\ 1938 \end{array}$ <p>No suitable accessories.</p> <p>Land, rolling desert and mountainous. Soil, sandy, gravelly and rocky; 3rd rate. Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, sahuara and cactus.</p>

.Subdivision of T.4 S., R.3 W.

Chains	N.89°55'E., on a random line, bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	A point 9 lks. N. of the cor. of secs. 13,14,23 and 24. Thence, S.89°59'W., on a true line, bet. secs. 14 and 23. Over rolling desert land, thru medium heavy timber and undergrowth.
15.60	Wash, 30 lks. wide, course SW.
18.50	Wash, 20 lks. wide, course S.
33.60	Wash, 20 lks. wide, course S.; asc. 40 ft. to $\frac{1}{4}$ sec. cor.
40.04	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4} \begin{array}{c} S 14 \\ \hline S 23 \\ 1938 \end{array}$
	No suitable accessories. Asc. 172 ft. over E. slope.
46.20	Point of spur, slopes NE.; desc. 243 ft. over broken S. slope.
60.90	Saddle, bears E. and W.; asc. 40 ft. over E. slope.
65.80	Spur, slopes NE.; desc. 52 ft. over S. slope.
80.08	The cor. of secs. 14,15,22 and 23. Land, rolling and mountainous. Soil, sandy, gravelly and rocky; 4th rate. Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatilla, sahuara and cactus.
	N.0°01'W., bet. secs. 14 and 15. Over mountainous land, thru medium heavy timber and undergrowth; desc. 108 ft. over N. slope.
8.40	Wash, 30 lks. wide, course W.; asc. 122 ft. over SW. slope.
13.20	Spur; desc. 98 ft. over broken NW. slope.
34.50	Wash, 15 lks. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{c} S 15 S 14 \\ \hline 1938 \end{array}$
	from which
	An ironwood, 6 ins. diam., bears N.45°E., 157 lks. dist., mkd $\frac{1}{4}$ S 14 B T.

Subdivision of T.4 S., R.3 W.

4188

Chains

An ironwood, 6 ins. diam., bears N.49 $\frac{1}{4}$ °W., 203 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.

- 52.80 Wash, 40 lks. wide, course SW.; enter mountainous land; asc. 176 ft. over SE. slope.
- 62.40 Spur, slopes E.; asc. 218 ft. over broken SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, and in a mound of stone to top, for cor. of secs. 10, 11, 14 and 15, with brass cap mkd.

T 4 S R 3 W

S 10	S 11
S 15	S 14

1938

No suitable accessories.

Land, rolling desert and mountainous.
Soil, gravelly and rocky; 4th rate.
Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, sahuara and cactus.

N.89°59'E., on a random line, bet. secs. 11 and 14..

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.07 A point 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.
Thence,
West, on a true line, bet. secs. 11 and 14.
Over mountainous land, thru scattered timber and undergrowth.
- 5.30 Top of ridge, bears N. and SW.; desc. 171 ft. over NW. slope.
- 16.70 Spur, slopes S.; desc. 190 ft. over SW. slope.
- 40.04 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	S 11
	S 14

1938

No suitable accessories.

Desc. 70 ft. over NW. slope.

- 51.50 Wash, 20 lks. wide, course SW.
- 57.80 Wash, 20 lks. wide, course SW.; asc. 306 ft. over SE. slope.
- 80.07 The cor. of secs. 10, 11, 14 and 15.

Land, mountainous and rolling desert.
Soil, rocky; 4th rate.
Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, sahuara and cactus.

. Subdivision of T.4 S., R.3 W.

Chains	
	N.0°01'W., bet. secs. 10 and 11.
	Over desert and mountainous land, thru medium heavy timber and undergrowth; asc. 303 ft. over broken SE. slope.
16.73	Ridge, bears E. and W.; desc. 345 ft. over broken NE. slope.
36.73	Spur, slopes NE.; desc. 123 ft. to $\frac{1}{4}$ sec. cor.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, with a rock 7x5x2 ins. mkd. with a cross (+) deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 10 S 11 1938
	No suitable accessories.
	Desc. 95 ft.
49.10	Asc. 34 ft.
54.05	Spur, slopes E.; desc. 149 ft. over NE. slope.
65.10	Wash, 20 lks. wide, course W.
74.50	Wash, 20 lks. wide, course NW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, and in a mound of stone to top, for cor. of secs. 2,3,10 and 11, with brass cap mkd.
	T 4 S R 3 W S 3 S 2 S 10 S 11 1938
	No suitable accessories.
	Land, mountainous desert. Soil, gravelly and rocky; 4th rate. Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, sahuara and cactus.
	East, on a random line, bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.08	A point 5 lks. N. of the cor. of secs. 1,2,11 and 12.
	Thence,
	N.89°58'W., on a true line, bet. secs. 2 and 11.
	Over rough mountainous land, thru scattered timber and undergrowth; desc. 129 ft. over broken SW. slope.
10.90	Asc. 74 ft. over SE. slope.
17.20	Spur, slopes S.; desc. 334 ft. over SW. slope.
37.90	Junction of washes, from S. and SE., to N.; asc. 34 ft. over NE. slope.

Subdivision of T.4 S., R.3 W.

D. 4128

Chains

40.04

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} S 2 \\ \frac{1}{4} \\ \hline S 11 \end{array}$$

1938

No suitable accessories.

Asc. 37 ft. over NE. slope.

41.60

Spur, slopes N.; desc. 55 ft.

45.95

Toe of slope; asc. 189 ft. over broken NE. slope.

58.10

Spur, slopes N. for about 10 chs.; desc. 252 ft. over NW. slope.

76.20

Toe of slope, over nearly level land to sec. cor.

80.08

The cor. of secs. 2, 3, 10 and 11.

Land, mountainous.

Soil, gravelly and rocky; 4th rate.

Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, sahuara and cactus.

N.0°07'E., on a random line, bet. secs. 2 and 3.

40.00

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

81.49

A point 2 lks. W. of the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., an iron post, 2 ins. diam., 8 ins. above ground, firmly set, mkd. and witnessed as described in the official record.

Thence,

S.0°08'W., on a true line, bet. secs. 2 and 3.

Over rolling land, thru scattered timber and undergrowth. desc. gradually.

6.20

Wash, 20 lks. wide, course at junction, from E. and SE. to W.; asc. 30 ft. along running W. slope.

24.25

Spur, slopes W.; desc. 35 ft. over S. slope.

27.00

Wash, 30 lks. wide, course N.80°W.; running along NW. slope.

41.49

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ S 3 \mid S 2 \\ \hline 1938 \end{array}$$

from which

A paloverde, 5 ins. diam., bears S.39 $\frac{1}{2}$ °E., 179 lks. dist., mkd. $\frac{1}{4}$ S 2 B T.

An ironwood, 8 ins. diam., bears S.70°W., 128 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

. Subdivision of T.4 S., R.3 W.

Chains

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

63.50 Wash, 60 lks. wide, course N.60°W.

81.49 The cor. of secs. 2,3,10 and 11.

Land, rolling desert and mountains.
Soil, sandy, gravelly and rocky; 3rd and 4th rate.
Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.

From the cor. of secs. 3,4,33 and 34, on the S. bdy. of the Tp., described in the field notes of the S. bdy. of T.4 S., R.3 W., surveyed under this group.

N.0°02'W., bet. secs. 33 and 34.

Over rolling desert land, thru scattered timber and undergrowth.

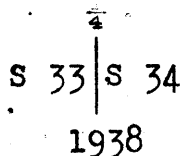
5.20 Wash, 15 lks. wide, course S.20°W.

14.70 Old road, bears E. and W.

17.40 Wash, 30 lks. wide, course S.50°W.

34.00 Wash, 20 lks. wide, course S.30°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap mkd.



from which

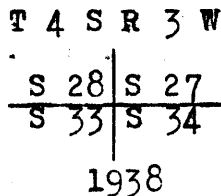
A paloverde, 8 ins. diam., bears S.15¼°W., 308 lks. dist., mkd. ¼ S 33 B T.

A paloverde, 5 ins. diam., bears N.36°E., 314 lks. dist., mkd. ¼ S 34 B T.

48.80 Wash, 10 lks. wide, course S.30°W.

54.20 Wash, 10 lks. wide, course W..

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with a quantity of broken glass deposited at the base, for cor. of secs. 27,28,33 and 34, with brass cap mkd.



from which

An ironwood, 5 ins. diam., bears N.81½°E., 196 lks. dist., mkd. T 4 S R 3 W S 27 B T.

An ironwood, 6 ins. diam., bears S.61°W., 366 lks. dist., mkd. T 4 S R 3 W S 33 B T.

A paloverde, 5 ins. diam., bears N.21°W., 118 lks. dist., mkd. T 4 S R 3 W S 28 B T.

Subdivision of T.4 S., R.3 W.

4188

Chains

No other suitable accessory.

Land, rolling desert.
Soil, sandy and gravelly; 3rd and 4th rate.
Timber, scattered paloverde and ironwood; undergrowth,
cactus and greasewood.

N.89°54'E., on a random line, bet. secs. 27 and 34.

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

79.90 A point 2 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence,

S.89°53'W., on a true line, bet. secs. 27 and 34.

Over rolling desert land, thru scattered timber and undergrowth.

16.40 Wash, 20 lks. wide, course N.80°W.

21.40 Short spur, bears N.

24.90 Same wash, 20 lks. wide, course S.30°W.

39.95 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\frac{1}{4} \begin{array}{l} \text{S } 27 \\ \hline \text{S } 34 \end{array}$$

1938

from which

A paloverde, 8 ins. diam., bears N.33 $\frac{1}{2}$ °W., 352 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.

An ironwood, 6 ins. diam., bears S.17 $\frac{1}{2}$ °E., 113 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.

59.40 Wash, 30 lks. wide, course S.30°W.

66.70 Wash, 20 lks. wide, course S.40°W.

79.90 The cor. of secs. 27, 28, 33 and 34.

Land, rolling desert.
Soil, sandy and gravelly; 3rd and 4th rate.
Timber, scattered paloverde and ironwood; undergrowth,
cactus and greasewood.

N.0°02'W., bet. secs. 27 and 28.

Over rolling desert land, thru scattered timber and undergrowth.

15.00 Wash, 30 lks. wide, course S.80°W.

28.10 Wash, 20 lks. wide, course S.30°W.

39.00 Wash, 70 lks. wide, course S.80°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Subdivision of T.4 S., R.3 W.

Chains

$$\frac{1}{4}$$

S 28	S 27
------	------

1938

from which

An ironwood, 10 ins. diam., bears S.61°E., 138 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.

An ironwood, 16 ins. diam., bears S.28 $\frac{1}{2}$ °W., 47 lks. dist., mkd. $\frac{1}{4}$ S 28 B T.

- 49.30 Base of mountains; asc. 119 ft. over S. slope.
- 53.50 Top of spur, slopes W.; desc. 107 ft. over N. slope.
- 59.80 Wash, 20 lks. wide, course S.40°W.
- 66.86 Wash, 70 lks. wide, course S.20°W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 21,22,27 and 28, with brass cap mkd.

$$T\ 4\ S\ R\ 3\ W$$

S 21	S 22
S 28	S 27

1938

from which

An ironwood, 6 ins. diam., bears N.32°E., 177 lks. dist., mkd. T 4 S R 3 W S 22 B T.

A paloverde, 5 ins. diam., bears S.18 $\frac{1}{4}$ °W., 70 lks. dist., mkd. T 4 S R 3 W S 28 B T.

A paloverde, 5 ins. diam., bears N.57 $\frac{1}{2}$ °W., 272 lks. dist., mkd. T 4 S R 3 W S 21 B T.

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

Land, rolling desert and mountains.
Soil, gravelly and rocky; 3rd and 4th rate.
Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.

N.89°53'E., on a random line, bet. secs. 22 and 27.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.88 A point 2 lks. S. of the cor. of secs. 22,23,26 and 27.
Thence,
S.89°52'W., on a true line, bet. secs. 22 and 27.
Over nearly level desert land, thru scattered timber and undergrowth.
- 17.90 Wash, 50 lks. wide, course S.30°W.
- 24.40 Wash, 20 lks. wide, course S.10°E.; enter mountainous land; asc. 199 ft. over SE. slope.
- 38.80 Rocky spur, slopes S.; desc. 16 ft. over W. slope.

Subdivision of T.4 S., R.3 W.

4788

Chains	
39.94	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} S\ 22 \\ \frac{1}{4} \\ \hline S\ 27 \\ 1938 \end{array}$
	from which
	A paloverde, 6 ins. diam., bears N.84 $\frac{3}{4}$ °E., 99 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
	A paloverde, 6 ins. diam., bears S.44°W., 133 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.
	Desc. 184 ft. over rocky W. slope.
46.10	Wash, 20 lks. wide, course S.40°W.; asc. 57 ft. over SE. slope.
51.10	Change of slope; desc. 96 ft. over rocky S. slope.
59.50	Base of mountains; enter rolling desert land.
71.10	Wash, 10 lks. wide, course S.30°W.
75.10	Wash, 60 lks. wide, course S.20°W.
79.88	The cor. of secs. 21,22,27 and 28.
	Land, nearly level desert and rough mountains. Soil, sandy, gravelly and rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.
	N.0°02'W., bet. secs. 21 and 22.
	Over rolling desert land, thru scattered timber and undergrowth.
8.10	Wash, 20 lks. wide, course S.30°W.
15.00	Same wash, 30 lks. wide, course S.20°E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \\ S\ 21\ \ S\ 22 \\ \hline 1938 \end{array}$
	from which
	A paloverde, 4 ins. diam., bears N.29 $\frac{1}{2}$ °E., 18 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
	A paloverde, 6 ins. diam., bears N.58 $\frac{1}{2}$ °W., 136 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.
	Enter rough mountainous land; asc. 489 ft. over rocky SW. slope.
64.30	Narrow spur, slopes S.20°E.; asc. 82 ft. over rocky SE. slope.
67.30	Same spur, slopes S.20°W.; asc. 104 ft. over SW. slope.

BOOK 4188

Subdivision of T.4 S., R.3 W.

Chains	
74.40	Same spur, slopes S.20°E.; asc. 175 ft. over rocky SE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top, for cor. of secs. 15,16,21 and 22, with brass cap mkd.
	$\begin{array}{c} T\ 4\ S\ R\ 3\ W \\ \hline S\ 16\ S\ 15 \\ S\ 21\ S\ 22 \\ \hline 1938 \end{array}$
	from which
	A paloverde, 5 ins. diam., bears S.67 $\frac{3}{4}$ °E., 54 lks. dist., mkd. T 4 S R 3 W S 22 B T.
	A paloverde, 6 ins. diam., bears S.27 $\frac{1}{2}$ °W., 40 lks. dist., mkd. T 4 S R 3 W S 21 B T.
	No other suitable accessories.
	Land, rolling and broken mountains. Soil, gravelly and rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.
	N.89°52'E., on a random line, bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	A point 5 lks. N. of the cor. of secs. 14,15,22 and 23. Thence, S.89°54'W., on a true line, bet. secs. 15 and 22. Over broken mountainous land, thru scattered timber and undergrowth; desc. 82 ft. along rocky N. slope.
10.20	Toe of slope, over rolling land.
21.70	Wash, 60 lks. wide, course from NW. to S.25°W.; asc. 276 ft. over broken rocky SE. slope.
39.93	Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \frac{S\ 15}{S\ 22}$
	1938
	from which
	A paloverde, 6 ins. diam., bears N.55 $\frac{1}{4}$ °W., 65 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	A paloverde, 5 ins. diam., bears S.35 $\frac{1}{4}$ °W., 60 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.
	Asc. 195 ft. over broken, rocky SE. slope.
46.40	Narrow rocky spur, slopes S.40°E.; desc. 263 ft. over broken W. slope.
62.50	Wash, 20 lks. wide, course S.40°E.; asc. 525 ft. over

Subdivision of T.4 S., R.3 W.

488

Chains	rocky NE. slope.
79.86	The cor. of secs. 15,16,21 and 22. Land, broken and mountainous. Soil, rocky; 4th rate. Timber, scattered paloverde; undergrowth, cactus and greasewood.
N.0°02'W., bet. secs. 15 and 16.	
Over rough mountainous land, thru scattered timber and undergrowth; asc. 78 ft. over broken, rocky SE. slope.	
2.50	Narrow ridge, bears S.20°W. and N.40°E.; desc. 524 ft. over rocky NW. slope.
24.30	Low saddle in ridge, bears N.20°W. and S.20°E.; asc. 174 ft. over rocky SE. slope.
36.70	Rocky spur, slopes S.80°E.; desc. 98 ft. over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$\begin{array}{c} \frac{1}{4} \\ \text{S } 16 \mid \text{S } 15 \\ \hline 1938 \end{array}$ <p style="text-align: right;">from which</p> <p>A paloverde, 5 ins. diam., bears S.74°E., 110 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.</p> <p>A paloverde, 5 ins. diam., bears S.82°W., 189 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.</p>	
40.50	Wash, 10 lks. wide, course S.85°E.; asc. 167 ft. over rocky SE. slope.
47.80	Narrow spur, slopes E.; desc. 631 ft. along broken NW. slope.
78.50	Wash, 20 lks. wide, course N.60°E.; asc. 11 ft to sec. cor.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, for cor. of secs. 9,10,15 and 16, with brass cap mkd.
$\begin{array}{c} \text{T } 4 \text{ S } R \text{ } 3 \text{ W} \\ \text{S } 9 \mid \text{S } 10 \\ \hline \text{S } 16 \mid \text{S } 15 \\ \hline 1938 \end{array}$ <p style="text-align: right;">from which</p> <p>A paloverde, 6 ins. diam., bears N.70°E., 120 lks. dist., mkd. T 4 S R 3 W S 10 B T.</p> <p>A paloverde, 6 ins. diam., bears S.73°E., 132 lks. dist., mkd. T 4 S R 3 W S 15 B T.</p> <p>A paloverde, 6 ins. diam., bears N.65$\frac{3}{4}$°W., 282 lks. dist., mkd. T 4 S R 3 W S 9 B T.</p> <p>A paloverde, 6 ins. diam., bears N.83$\frac{1}{4}$°W., 327 lks. dist., mkd. T 4 S R 3 W S 9 B T.</p>	

Subdivision of T.4 S., R.3 W.

Chains	
	Land, broken and mountainous. Soil, rocky; 4th rate. Timber, scattered paloverde; undergrowth, cactus and greasewood.
	N.89°54'E., on a random line, bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.87	A point 2 lks. N. of the cor. of secs. 10,11,14 and 15. Thence, S.89°55'W., on a true line, bet. secs. 10 and 15. Over rough mountainous land, thru scattered timber and undergrowth; asc. 256 ft. over rocky SE. slope.
8.40	Rocky spur, slopes S.; asc. 66 ft. along rocky S. slope.
15.00	Rocky spur, slopes S.; desc. 179 ft. over rough, rocky SW. slope.
24.70	Narrow rocky spur, slopes S.20°W.; desc. 490 ft. along broken SW. slope.
39.93	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} S\ 10 \\ \frac{1}{4} \\ \hline S\ 15 \\ 1938 \end{array}$
	from which
	A paloverde, 6 ins. diam., bears N.69 $\frac{3}{4}$ °E., 29 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
	A paloverde, 6 ins. diam., bears S.43°W., 64 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	Desc. 296 ft. along broken S. slope.
70.80	Wash, 30 lks. wide, course N.70°W.
78.70	Wash, 20 lks. wide, course N.60°E.
79.87	The cor. of secs. 9,10,15 and 16. Land, broken and mountainous. Soil, rocky; 4th rate. Timber, scattered paloverde; undergrowth, cactus and greasewood.
	N.0°02'W., bet. secs. 9 and 10. Over rolling desert land, thru scattered timber and undergrowth; desc. 22 ft. over SE. slope.
8.20	Wash, 20 lks. wide, course N.40°W.; desc. slightly over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Subdivision of T.4 S., R.3 W.

Chains

$\frac{1}{4}$
 S 9 | S 10
 1938

from which

A paloverde, 5 ins. diam., bears S.24 $\frac{3}{4}$ °E., 83 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

A paloverde, 6 ins. diam., bears S.66 $\frac{1}{4}$ °W., 112 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

Desc. slightly over NW. slope.

- 41.50 Wash, 10 lks. wide, course N.80°W.
 52.70 Wash, 20 lks. wide, course W.
 79.70 Wash, 10 lks. wide, course N.40°W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, for cor. of secs. 3, 4, 9 and 10, with brass cap mkd.

T 4 S R 3 W

S 4 | S 3
 S 9 | S 10

1938

from which

A paloverde, 6 ins. diam., bears N.5 $\frac{1}{4}$ °E., 149 lks. dist., mkd. T 4 S R 3 W S 3 B T.

An ironwood, 5 ins. diam., bears S.61 $\frac{1}{2}$ °E., 125 lks. dist., mkd. T 4 S R 3 W S 10 B T.

An ironwood, 6 ins. diam., bears N.87 $\frac{1}{2}$ °W., 57 lks. dist., mkd. T 4 S R 3 W S 4 B T.

No other suitable accessory.

Land, rolling desert.

Soil, sandy and gravelly; 3rd rate.

Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.

- N.89°55'E., on a random line, bet. secs. 3 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 A point 2 lks. S. of the cor. of secs. 2, 3, 10 and 11.
 Thence,
 S.89°54'W., on a true line, bet. secs. 3 and 10.
 Over nearly level land, thru scattered timber and undergrowth.
 6.80 Wash, 30 lks. wide, course N.35°W.; enter rough mountainous land; asc. 124 ft. over NE. slope.
 24.00 Rocky spur, slopes N.10°E.; desc. 40 ft.
 29.00 Head of wash, 10 lks. wide, course N.10°E.; asc. 236 ft. over rocky E. slope.

Subdivision of T.4 S., R. 3 W.

Chains	
35.80	Narrow ridge, bears N. and S.; desc. 185 ft. over rocky W. slope.
39.94	Set an iron post, 3 ft. long, 1 in. diam., 2 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{c} S 3 \\ \hline S 10 \end{array}$
	1938
	from which
	A paloverde, 4 ins. diam., bears N. 41° E., 85 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.
	A paloverde, 6 ins. diam., bears S. $38\frac{1}{4}^{\circ}$ W., 29 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
	Desc. 287 ft. over rocky NW. slope.
52.30	Wash, near head, 10 lks. wide, course N. 30° W.; asc. 71 ft. over rocky NE. slope.
56.50	Short spur, slopes N. 10° W.; desc. 170 ft. along rocky NW. slope.
69.90	Enter rolling land.
79.88	The cor. of secs. 3, 4, 9 and 10.
	Land, rough and mountainous. Soil, rocky; 4th rate. Timber, scattered paloverde; undergrowth, cactus and greasewood.
	N. $0^{\circ}07'$ E., on a random line, bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
81.56	A point 23 lks. E. of the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., an iron post, 2 ins. diam., 10 ins. above ground, firmly set, mkd. and witnessed as described in the official record.
	Thence,
	S. $0^{\circ}03'$ E., on a true line, bet. secs. 3 and 4.
	Over rolling desert land, thru scattered timber and undergrowth.
9.36	Wood road, bears N. 10° W. and S. 10° E.
18.50	Wash, 40 lks. wide, course S. 80° W.; desc. over slight SW. slope.
41.56	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{c} S 4 S 3 \end{array}$
	1938
	from which
	A paloverde, 12 ins. diam., bears S. $72\frac{3}{4}^{\circ}$ E., 414 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

Subdivision of T.4 S., R.3 W.

Chains

An ironwood, 6 ins. diam., bears S.8°W., 226 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.

67.40 Wash, 30 lks. wide, course S.80°W.

81.56 The cor. of secs. 3,4,9 and 10.

Land, rolling desert.
Soil, sandy and gravelly; 3rd rate.
Timber, scattered paloverde and ironwood; undergrowth, cactus and greasewood.

From the cor. of secs. 4,5,32 and 33, on the S. bdy. of the Tp., described in the field notes of the S. bdy. of T.4 S., R.3 W., surveyed under this group.

N.0°02'W., bet. secs. 32 and 33.

Over rolling desert land, thru medium heavy timber and undergrowth; asc. 60 ft.

7.90 Knoll, bears E. 3 chs., W. 7 chs.; 3 chs. to top.; desc. 52 ft.

11.65 Wash, 30 lks. wide, course W.

21.55 Wash, 20 lks. wide, course W.; asc. 46 ft. to W. point of knoll, bears E. and W., then desc. 40 ft. to wash.

32.80 Wash, 20 lks. wide, course S.80°W.

38.10 Wash, 20 lks. wide, course W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 32 | S 33
1938

from which

An ironwood, 24 ins. diam., bears S.37°E., 190 lks. dist., mkd. $\frac{1}{4}$ S 33 B T.

An ironwood, 20 ins. diam., bears S.20°W., 213 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.

52.00 Wash, 25 lks. wide, course SW.

63.50 Wash, 30 lks. wide, course SW.

72.50 Wash, 40 lks. wide, course SW.

79.40 Wash, 80 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 28,29,32 and 33, with brass cap mkd.

T 4 S R 3 W
S 29 | S 28
S 32 | S 33
1938

from which

An ironwood, .10 ins. diam., bears N.32°E., 104 lks.

Subdivision of T.4 S., R.3 W.

Chains

dist., mkd. T 4 S R 3 W S 28 B T.

A catclaw, 5 ins. diam., bears S.15°E., 84 lks. dist., mkd. T 4 S R 3 W S 33 B T.

A catclaw, 6 ins. diam., bears S.33°W., 160 lks. dist., mkd. T 4 S R 3 W S 32 B T.

No other suitable accessory.

Land, rolling desert.
Soil, sandy and gravelly; 3rd rate.
Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, saguara and cactus.

N.89°54'E., on a random line, bet. secs. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

80.02 A point 1 lk. S. of the cor. of secs. 27,28,33 and 34.

Thence,

S.89°54'W., on a true line, bet. secs. 28 and 33.

Over rolling desert land, thru medium heavy timber and undergrowth.

7.30 Wash, 20 lks. wide, course SW.

30.90 Wash, 20 lks. wide, course SW.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.

S 28
1/4 ———
S 33
1938

from which

An ironwood, 7 ins. diam., bears S.21°E., 221 lks. dist., mkd. 1/4 S 33 B T.

An ironwood, 5 ins. diam., bears N.46 1/4°W., 457 lks. dist., mkd. 1/4 S 28 B T.

45.20 Wash, 30 lks. wide, course SW.

57.60 Wash, 40 lks. wide, course SW.

78.60 Wash, 60 lks. wide, course SW.

80.02 The cor. of secs. 28,29,32 and 33.

Land, rolling desert.
Soil, sandy and gravelly; 3rd rate.
Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, saguara and cactus.

N.0°02'W., bet. secs. 28 and 29.

Over mountainous land, thru medium heavy timber and undergrowth; asc. 57 ft. over S. slope.

10.70 Knoll, bears E. and W. top about 2 chs. E.; desc. 46 ft.

19.60 Wash, 30 lks. wide, course NW.

Subdivision of T.4 S., R.3 W.

Chains							
20.60	Wash, 30 lks. wide, course NW.						
31.30	Wash, 50 lks. wide, course W.						
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.						
	$\frac{1}{4}$ <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 29</td> <td style="padding: 0 5px;">S 28</td> </tr> <tr> <td colspan="2" style="text-align: center;">1938</td> </tr> </table>	S 29	S 28	1938			
S 29	S 28						
1938							
	No suitable accessories.						
56.06	Point of spur, slopes SW.; desc. 46 ft.						
61.05	Wash, 10 lks. wide, course SW.; asc. 355 ft. over broken S. slope.						
78.00	Slopes changes to SE.						
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 20,21,28 and 29, with brass cap mkd.						
	<p>T 4 S R 3 W</p> <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 20</td> <td style="padding: 0 5px;">S 21</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 29</td> <td style="padding: 0 5px;">S 28</td> </tr> <tr> <td colspan="2" style="text-align: center;">1938</td> </tr> </table>	S 20	S 21	S 29	S 28	1938	
S 20	S 21						
S 29	S 28						
1938							
	No suitable accessories.						
	Land, mountainous. Soil, rocky; 4th rate. Timber, paloverde and ironwood; undergrowth, greasewood, cholla, ocatillo, saguara and cactus.						
	N.89°54'E., on a random line, bet. secs. 21 and 28.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
80.01	A point 4 lks. N. of the cor. of secs. 21,22,27 and 28.						
	Thence,						
	S.89°56'W., on a true line, bet secs. 21 and 28.						
	Over rolling land, thru scattered timber and undergrowth.						
4.50	Wash, 20 lks. wide, course SW.						
14.00	Wash, 20 lks. wide, course SE.; enter mountainous land; asc. 398 ft. along broken NE. slope.						
39.15	Top of spur, slopes SE.; desc. 18 ft. along SW. slope.						
40.01	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.						
	<table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">$\frac{1}{4}$</td> <td style="padding: 0 5px;">S 21</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;">S 28</td> </tr> <tr> <td colspan="2" style="text-align: center;">1938</td> </tr> </table>	$\frac{1}{4}$	S 21		S 28	1938	
$\frac{1}{4}$	S 21						
	S 28						
1938							
	from which						

Chains													
	No suitable accessory. Desc. 117 ft. over broken SW. slope.												
50.90	Toe of descent; asc. 57 ft. over broken SE. slope.												
57.80	Top of spur, slopes SW.; desc. 152 ft. over W. slope.												
60.80	Head of drain, course S.; asc. 98 ft.												
64.30	Top of spur, slopes S.; desc. 185 ft. over SW. slope.												
74.80	Head of wash, course SW.; asc. 164 ft. over SE. slope.												
80.01	The cor. of secs; 20, 21, 28 and 29. Land, mountainous. Soil, rocky; 3rd rate. Timber, paloverde and ironwood; undergrowth, greasewood, cholla, ocatillo, saguara and cactus.												
	N.0°02'W., bet. secs. 20 and 21. Over mountainous land, thru scattered timber and undergrowth; asc. 217 ft. over SE. slope.												
8.55	Spur, slopes SW.; desc. 155 ft. over broken NE. slope.												
20.90	Change in slope; desc. 246 ft. along NW. slope.												
30.60	Gulch, course NW.; asc. 34 ft.												
36.60	Top of spur, slopes W.; desc. 112 ft. over NW. slope.												
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.												
	$\frac{1}{4}$ <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 20</td> <td style="padding: 0 5px;">S 21</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 5px 0;">1938</td> </tr> </table>	S 20	S 21	1938									
S 20	S 21												
1938													
	No suitable accessory.												
46.40	Toe of descent; asc. 191 ft. over S. slope.												
53.12	Top of spur, slopes NW.; desc. 324 ft. over NW. slope.												
71.40	Wash, 10 lks. wide, course S.80°W.												
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap mkd.												
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="4" style="padding: 5px 0;">T 4 S R 3 W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 17</td> <td style="padding: 0 5px;">S 16</td> <td style="border-right: 1px solid black; padding: 0 5px;">S 20</td> <td style="padding: 0 5px;">S 21</td> </tr> <tr> <td colspan="4" style="text-align: center; padding: 5px 0;">1938</td> </tr> </table>	T 4 S R 3 W				S 17	S 16	S 20	S 21	1938			
T 4 S R 3 W													
S 17	S 16	S 20	S 21										
1938													
	raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high. W. of cor.												
	Land, mountainous. Soil, rocky; 4th rate. Timber, paloverde and ironwood; undergrowth, greasewood, sage, cholla, ocatillo, saguara and cactus.												

Subdivision of T.4 S., R.3 W.

Chains	N.89°56'E., on a random line, bet. secs. 16 and 21.
40.00	Set temp. 1/4 sec. cor.
80.10	A point 9 lks. S. of the cor. of secs. 15,16,21 and 22. Thence, S.89°52'W., on a true line, bet. secs. 16 and 21. Over mountainous land, thru medium heavy timber and undergrowth.
0.50	Top of ridge, bears N. and S.; desc. 1005 ft. over broken W. slope.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground, and in a mound of stone to top, for 1/4 sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{r} S 16 \\ \hline S 21 \end{array}$ 1938
	No suitable accessory. Desc. 80 ft. over W. slope.
49.60	Enter wash, 10 lks. wide, course E.
53.30	Leave wash, 25 lks. wide, course N.80°W.
80.10	The cor. of secs. 16,17,20 and 21. Land, mountainous. Soil, rocky; 4th rate. Timber, paloverde and ironwood; undergrowth, greasewood, cholla, ocatillo, saguara and cactus.
	N.0°02'W., bet. secs. 16 and 17. Over rolling desert land, thru medium heavy timber and undergrowth.
0.60	Wash, 25 lks. wide, course W.
21.00	Top of low spur, slopes S.60°W.
28.00	Wash, 30 lks. wide, course SW.; asc. 25 ft. to point of spur sloping W.
37.30	Wash, 10 lks. wide, course S.60°W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for 1/4 sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{r} S 17 \\ \hline S 16 \end{array}$ 1938
	No suitable accessory. Over mountainous land; asc. 251 ft. over S. slope.
46.30	Top of spur, slopes SE.; desc. 34 ft. along NW. slope.

Subdivision of T.4 S., R.3 W.

Chains	
50.60	Top of same spur, slopes SW.; asc. 24 ft.
57.30	Top of spur, slopes W.; desc. 181 ft. over NW. slope.
63.50	Wash, 10 lks. wide, course SW.; asc. 270 ft. over broken SE. slope.
76.10	Slope changes to NW.; desc. 44ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 8,9,16 and 17, with brass cap mkd.

T 4 S R 3 W.

S 8	S 9
S 17	S 16

1938

No suitable accessory.

Land, rolling desert and mountainous.

Soil, rocky; 4th rate.

Timber, paloverde and ironwood; undergrowth, greasewood, cholla, ocatillo, saguara and cactus.

	N.89°52'E., on a random line, bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	A point 1 lk. N. of the cor. of secs, 9,10,15 and 16. Thence, S.89°52'W., on a true line, bet. secs. 9 and 16. Over mountainous land, thru scattered timber and undergrowth; asc. 87 ft. over E. slope.
7.90	Spur, slopes N.; desc. 93 ft. over W. slope.
13.40	Wash, 20 lks. wide, course N.
28.40	Drain, 10 lks. wide, course SE.; asc. 290 ft. over NE. slope.
40.06	Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	S 9
	S 16

1938

No suitable accessory.

42.25	Ridge, bears N. and S.; desc. 128 ft.
45.20	Head of wash, course S.
50.10	Same ridge, bears NE. and SW.; asc. 159 ft. over broken NE. slope.
55.50	Ridge, bears N.80°W., and S.80°E.; desc. 228 ft.
65.40	Head of wash, course SW.; asc. 16 ft.

Subdivision of T.4 S., R.3 W.

3071 4185

Chains

- 68.10 Spur, slopes S.; desc. 181 ft. over broken SW. slope.
 75.35 Head of drain, course S.; asc. 53 ft. over SE. slope.
 77.70 Top of spur, slopes S.; desc. 44 ft. along NW. slope.
 80.12 The cor. of secs. 8,9,16 and 17.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, paloverde and ironwood; undergrowth, greasewood,
 cholla, ocatillo, saguara and cactus.

N.0°02'W., bet. secs. 8 and 9.

Over mountainous land, thru scattered timber and under-
 growth; asc. 213 ft. over broken SW. slope.

- 12.45 Ridge, bears N.80°W. and E.; desc. 192 ft. along NW. slope.
 17.40 Head of wash, course NW.
 19.35 Spur, slopes W.; desc. 295 ft. down a broken NW. slope.
 36.20 Bottom of descent; asc. 16 ft.
 37.60 Low spur, slopes NW.; desc. 21 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the
 ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$
 sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 8 | S 9
 1938

No suitable accessory.

Over rolling mountains; desc. 46 ft. over N. slope.

- 46.65 Wash, 10 lks. wide, course W.; desc. 29 ft.
 65.70 Wash, 25 lks. wide, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
 the ground to bedrock, and in a mound of stone to top,
 for cor. of secs. 4,5,8 and 9, with brass cap mkd.

T 4 S R 3 W
 S 5 | S 4
 S 8 | S 9
 1938

No suitable accessory.

Land, mountainous.
 Soil, gravelly and rocky; 4th rate.
 Timber, paloverde and ironwood; undergrowth, greasewood,
 cholla, ocatillo, saguara and cactus.

- 40.00 N.89°52'E., on a random line, bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.11 A point 5 lks. S. of the cor. of secs. 3,4,9 and 10.

Chains

Thence,

S.89°50'W., on a true line, bet. secs. 4 and 9.

Over rolling land, thru medium heavy timber and undergrowth.

19.60 Wash, 20 lks. wide, course NW.

34.10 Wash, 20 lks. wide, course NW.

40.06 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\frac{1}{4} \begin{array}{r} S 4 \\ S 9 \end{array}$$

1938

from which

An ironwood, 10 ins. diam., bears N.38 $\frac{1}{4}$ °E., 445 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.An ironwood, 5 ins. diam., bears S.40°W., 61 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

42.70 Wash, 20 lks. wide, course NW.

60.70 Wash, 70 lks. wide, course NW.; asc. 23 ft.

69.20 Knoll, bears N. 1 ch. and S. 3 chs.; desc. 34 ft.

80.11 The cor. of secs. 4,5,8 and 9.

Land, rolling mountains.

Soil, sandy and gravelly; 3rd rate.

Timber, paloverde and ironwood; undergrowth, greasewood, cholla, ocatillo, saguara and cactus.

N.0°04'W., on a random line, bet. secs. 4 and 5.

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

81.86 A point 14 lks. W. of the cor. of secs. 4,5,32 and 33, On the N. bdy. of the Tp., an iron post, 2 ins. diam., 10 ins. above ground, firmly set, mkd. and witnessed as described in the official record.

Thence,

S.0°02'W., on a true line, bet. secs. 4 and 5.

Over rolling mountainous land, thru medium heavy timber and undergrowth.

3.80 Wash, 100 lks. wide, course W.; asc. 108 ft. NW. slope.

18.90 Detached spur, slopes W.; desc. 109 ft. over S. slope.

27.30 Wash, 40 lks. wide, course W.; asc. 49 ft. over E. slope.

30.50 Detached spur, slopes E.; desc. 48 ft.

41.86 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Subdivision of T.4 S., R.3 W.

Chains

$$\begin{array}{c} \frac{1}{4} \\ S\ 5\ | \ S\ 4 \\ 1938 \end{array}$$

No suitable accessory.

65.20 Wash, 50 lks. wide, course W.

77.70 Wash, 70 lks. wide, course W.

81.86 The cor. of secs. 4,5,8 and 9.

Land, rolling mountains.

Soil, sandy and gravelly; 3rd rate.

Timber, paloverde and ironwood; undergrowth, greasewood, cholla, ocatillo, saguara and cactus.

From the cor. of secs. 5,6,31 and 32, on the S. bdy. of the Tp., described in the field notes of the S. bdy. of T.4 S., R.3 W., surveyed under this group.

N.0°03'W., bet. secs. 31 and 32.

Over nearly level desert land, thru scattered timber and undergrowth.

14.00 Wash, 15 lks. wide, course SW.

14.50 Wood cutters road, bears E. and W.

22.70 Wash, 15 lks. wide, course generally W.

35.40 Wash, 20 lks. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ S\ 31\ | \ S\ 32 \\ 1938 \end{array}$$

raise a mound

of stone, 3 ft. base, 2 ft. high, W. of cor.

47.90 Wash, 10 lks. wide, course generally W.

61.00 Wash, 25 lks. wide, course SW. Enter rolling land; asc. 88 ft. over SE. slope.

68.70 Top of low detached hill; desc. 68 ft.

80.00 Base of hill.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 29,30,31 and 32, with brass cap mkd.

T 4 S R 3 W

$$\begin{array}{c} S\ 30\ | \ S\ 29 \\ S\ 31\ | \ S\ 32 \\ 1938 \end{array}$$

No suitable accessory.

Subdivision of T.4 S., R.3 W.

Chains	<p>Land, nearly level desert and rolling hills. Soil, sandy, gravelly and rocky; 2nd and 4th rate. Timber, scattered paloverde and ironwood, heavy along washes; undergrowth, greasewood, sage and cactus.</p> <hr/> <p>N.89°54'E., on a random line, bet. secs. 29 and 32.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>79.98 Intersect the cor. of secs. 28,29,32 and 33.</p> <p>Thence,</p> <p>S.89°54'W., on a true line, bet. secs. 29 and 32.</p> <p>Over gently rolling desert land, thru scattered timber and undergrowth.</p> <p>34.00 Small drain, course SW.</p> <p>39.99 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <div style="text-align: center;"> $\frac{1}{4} \begin{array}{r} S 29 \\ \hline S 32 \\ 1938 \end{array}$ </div> <p style="text-align: right;">raise a mound</p> <p style="text-align: center;">of stone, 3 ft. base, 3 ft. high, N. of cor.</p> <p>Asc. 29 ft. over SE. slope.</p> <p>65.00 Top of spur, bears S. from NE.; desc. 40 ft. over SW. slope.</p> <p>75.70 Small drain, course NW.</p> <p>79.98 The cor. of secs. 29,30,31 and 32.</p> <p>Land, gently rolling desert. SW. drainage. Soil, rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood; undergrowth, greasewood, sage and cactus.</p> <hr/> <p>S.89°54'W., on a random line, bet. secs. 30 and 31.</p> <p>40.00 Set. temp. $\frac{1}{4}$ sec. cor.</p> <p>71.84 A point 1 lk. N. of the cor. of secs. 25,30,31 and 36, on the W. bdy. of the Tp., described in the field notes of the resurvey of the E. bdy. of T.4 S., R.4 W., resurveyed under this group.</p> <p>Thence,</p> <p>N.89°54'E., on a true line, bet. secs. 30 and 31.</p> <p>Over rolling desert land, thru scattered timber and undergrowth.</p> <p>10.20 Wash, 20 lks. wide, course N.80°W.</p> <p>23.70 Same wash, course S.80°W.</p> <p>31.84 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p>
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Subdivision of T.4 S., R.3 W.

Chains

S 30

 $\frac{1}{4}$

S 31

1938

from which

An ironwood, 6 ins. diam., bears N.39°W., 72 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

An ironwood, 9 ins. diam., bears S.66 $\frac{1}{2}$ °E., 183 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

32.10 Same wash as at 23.70, course N.80°W.

59.60 Small drain, course SW.

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

Land, gently rolling desert, SW. drainage.
Soil, rocky; 3rd and 4th rate.

Timber, scattered paloverde and ironwood, heavy along washes; undergrowth, greasewood, sage and cactus.

N.0°03'W., bet. secs. 29 and 30.

Over rolling desert land; thru scattered timber and undergrowth.

1.60 Small drain, course NW.

18.70 Wash, 10 lks. wide, course generally W.

22.40 Toe of detached desert spur, slopes W. about 3 chs. to end.

35.40 Wash, 30 lks. wide, course generally W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4}$

S 30 | S 29

1938

from which

An ironwood, 6 ins. diam., bears N.20 $\frac{1}{2}$ °E., 213 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.

A paloverde, 8 ins. diam., bears N.18 $\frac{1}{4}$ °W., 294 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

42.50 Small drain, course generally W.

49.70 Wash, 10 lks. wide, course generally W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, with brass cap mkd.

T 4 S R 3 W

S 19	S 20
S 30	S 29

1938

raise a mound

of stone, 3 ft. base, 3 ft. high, W. of cor.

Chains	Land, rolling desert, general W. drainage. Soil, rocky; 3rd rate. Timber, scattered paloverde and ironwood; undergrowth, greasewood, sage and cactus.
40.00	N.89°54'E., on a random line, bet. secs. 20 and 29.
80.00	Set temp. $\frac{1}{4}$ sec. cor.
10.00	A point, 3 lks. S. of the cor. of secs. 20, 21, 28 and 29.
13.70	Thence, S.89°53'W., on a true line, bet. secs. 20 and 29.
22.50	Over rolling mountainous land, thru scattered timber and undergrowth; desc. 19 ft..
28.10	Top of ridge, bears NE. and SW., slopes SW.; desc. 319 ft. over W. slope.
40.00	Slopes changes to N., continue descent.
51.50	Bottom of ravine, course N.; asc. 82 ft. over NE. slope.
64.30	Top of spur, slopes NW.; desc. 184 ft. over NW. slope.
75.60	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
80.00	<div style="text-align: center;"> S 20 $\frac{1}{4}$ ——— S 29 1938 </div>
51.50	No suitable accessory.
64.30	Desc. 69 ft. over NW. slope.
75.60	Toe of slope, enter nearly level desert land.
80.00	Wash, 10 lks. wide, course NW.
72.40	Small drain, course N.10°E.
80.00	The cor. of secs. 19, 20, 29 and 30.
40.00	Land, rolling and mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood; undergrowth, greasewood, sage and cactus.
40.00	S.89°54'W., on a random line, bet. secs. 19 and 30.
72.40	Set temp. $\frac{1}{4}$ sec. cor.
72.40	A point 3 lks. N. of the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., described in the field notes of the resurvey of the E. bdy. of T.4 S., R.4 W., re- surveyed under this group.
	Thence,
	N.89°53'E., on a true line, bet. secs. 19 and 30.
	Over rolling desert land, thru scattered timber and undergrowth.

Subdivision of T.4 S., R.3 W.

BOOK 4188

Chains

- 4.30 Enter wash bed, course N.70°W.
 12.70 Wash, watercourse 5 lks. wide.
 14.40 Leave wash bed, course NW.
 32.40 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \\ \hline S 19 \\ S 30 \\ 1938 \end{array}$$

from which

An ironwood limb, 6 ins. diam., bears N.22°W., 210 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

An ironwood, 10 ins. diam., bears S.81 $\frac{1}{2}$ °E., 108 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

- 32.50 Drain, course NW.
 52.50 Wash, 10 lks. wide, course NW.
 72.40 The cor. of secs. 19,20,29 and 30.

Land, rolling desert, NW. drainage.

Soil, rocky; 3rd rate.

Timber, scattered paloverde and ironwood, heavy along washes; undergrowth, greasewood, sage and cactus.

N.0°03'W., bet. secs. 19 and 20.

Over rolling desert land, thru scattered timber and undergrowth.

- 24.00 Wash, 20 lks. wide, course SE. and NE. to NW.
 32.70 Wash, 10 lks. wide, course generally W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \\ \hline S 19 | S 20 \\ 1938 \end{array}$$

from which

An ironwood, 10 ins. diam., bears S.55°E., 212 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.

A paloverde, 7 ins. diam., bears N.58°W., 149 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

- 41.60 Small drain, course generally W.
 70.00 Wash, 20 lks. wide, course generally W.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 17,18,19 and 20, with brass cap mkd.

$$\begin{array}{r} T 4 S R 3 W \\ \hline S 18 | S 17 \\ \hline S 19 | S 20 \end{array}$$

1938

Subdivision of T.4 S., R.3 W.

Chains

from which

An ironwood, 8 ins. diam., bears N.63½°E., 195 lks. dist., mkd. T 4 S R 3 W S 17 B T.

An ironwood, 8 ins. diam., bears S.22°E., 242 lks. dist., mkd. T 4 S R 3 W S 20 B T.

An ironwood, 10 ins. diam., bears S.57°W., 172 lks. dist., mkd. T 4 S R 3 W S 19 B T.

An ironwood, 6 ins. diam., bears N. W., 80 lks. dist., mkd. T 4 S R 3 W S 18 B T.

Land, rolling desert, NW. and W. drainage.

Soil, rocky; 3rd rate.

Timber, scattered paloverde and ironwood, heavy along washes; undergrowth, greasewood, sage and cactus.

N.89°53'E., on a random line, bet. secs. 17 and 20.

40.00 Set temp. ¼ sec. cor.

80.00 A point 1 lk. N. of the cor. of secs. 16,17,20 and 21.

Thence,

S.89°53'W., on a true line, bet. secs. 17 and 20.

Over rolling land, thru scattered timber and undergrowth.

6.40 Wash, 15 lks. wide, course SW.

19.70 Small spur, slopes E.; asc. 128 ft.

22.35 Slopes changes to NE.

28.50 Slope changes to N.; desc. 169 ft. over NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} S 17 \\ \hline S 20 \end{array}$$

1938

from which

A paloverde, 6 ins. diam., bears N.47½°W., 22 lks. dist., mkd. ¼ S 17 B T.

A paloverde, 6 ins. diam., bears S.69½°E., 126 lks. dist., mkd. ¼ S 20 B T.

Base of knoll, enter nearly level desert land.

54.45 Wash, 20 lks. wide, course SW.

80.00 The cor. of secs. 17,18,19 and 20.

Land, nearly level and rolling desert.

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, scattered paloverde and ironwood, heavy along washes; undergrowth, greasewood, sage and cactus.

S.89°53'W., on a random line, bet. secs. 18 and 19.

Subdivision of T.4 S., R.3 W.

Chains

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 72.96 A point 3 lks. N. of the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., described in the field notes of the resurvey of the E. bdy. of T.4 S., R.4 W., re-surveyed under this group.
- Thence,
N.89°52'E., on a true line, bet. secs. 18 and 19.
Over rolling desert land, thru scattered timber and undergrowth.
- 9.80 Wash, 10 lks. wide, course NW.; asc. 63 ft. over NW. slope.
- 32.20 Top of saddle bet. two rocky hills; desc. 34 ft.
- 32.96 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$ $\frac{S\ 18}{S\ 19}$
1938
- No suitable accessory.
- 40.50 Base of low rocky spur.
- 44.70 Wash, 20 lks. wide, course SW.
- 48.50 Wash, 10 lks. wide, course N.60°W., about 3 chs. to fork, thence SW.
- 69.00 Small drain, course SW.
- 72.96 The cor. of secs. 17, 18, 19 and 20.
Land, rolling desert.
Soil, rocky; 3rd and 4th rate.
Timber, scattered paloverde and ironwood and mesquite, heavy along washes; undergrowth, greasewood, sage, cactus and catclaw.
-
- N.0°03'W., bet. secs. 17 and 18.
Over rolling desert land, thru scattered timber and undergrowth.
- 14.80 Wash, 15 lks. wide, course SW.
- 21.80 Wash, 10 lks. wide, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $\frac{1}{4}$
S 18 | S 17
1938
from which
- A paloverde, 6 ins. diam., bears S.44 $\frac{1}{4}$ °E., 102 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.

Chains	
	An ironwood, 5 ins. diam., bears S.38 $\frac{1}{4}$ °W., 132 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.
48.70	Wash, 10 lks. wide, course generally SW.
55.80	Wash, 10 lks. wide, course SW.
58.50	Base of hills; asc. 107 ft. over SE. slope.
71.00	Top of spur, slopes W.; desc. 102 ft. over N. slope.
76.50	Slope changes to W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock; and in a mound of stone to top, for cor. of secs. 7,8,17 and 18, with brass cap mkd.
	T 4 S R 3 W S 7 S 8 S 18 S 17 1938
	No suitable accessory.
	Land, rolling desert and mountainous, general SW. drainage. Soil, rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood; undergrowth, cactus, sage and greasewood.
	N.89°53'E., on a random line, bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect the cor. of secs. 8, 9, 16 and 17.
	Thence,
	S.89°53'W., on a true line, bet. secs. 8 and 17.
	Over rolling mountainous land, thru scattered timber and undergrowth; desc. 278 ft. over NW. slope. to $\frac{1}{4}$ sec. cor.
3.70	Wash, from NE. to N.70°W.
22.20	Wash, 10 lks. wide, course SW.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	S 8 $\frac{1}{4}$ ——— S 17 1938
	No suitable accessory.
41.75	Toe of spur, slopes S.
54.40	Wash, 10 lks. wide, course S.20°E.; asc. 107 ft. over E. slope.
61.40	Top of spur, slopes S.; desc. 71 ft. over SW. slope.
68.00	Wash, 5 lks. wide, course S.; asc. 81 ft. over SE. slope.
71.80	Top of spur, slopes SW.; desc. 171 ft.

Subdivision of T.4 S., R.3 W.

BOOK 188

Chains	
80.02	The cor. of secs. 7,8,17 and 18. Land, rolling mountains, general W. drainage. Soil, rocky; 4th rate. Timber, scattered paloverde; undergrowth, cactus, sage and greasewood.
	S.89°52'W., on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
73.50	A point 2 lks. S. of the cor. of secs. 7,12,13 and 18, on the W. bdy. of the Tp., described in the field notes of the resurvey of the E. bdy. of T.4 S., R.4 W., re-surveyed under this group. Thence, N.89°53'E., on a true line, bet. secs. 7 and 18. Over rolling desert land, thru scattered timber and undergrowth.
16.80	Wash, 20 lks. wide, course SW.
33.50	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4} \frac{S 7}{S 18}$ 1938 from which A paloverde, 8 ins. diam., bears N.70°E., 277 lks. dist., mkd. $\frac{1}{4}$ S 7 B T. A paloverde, 10 ins. diam., bears S.47 $\frac{1}{2}$ °W., 112 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.
41.70	Bend in same wash as at 16.80, from N.80°E., to N.80°W.
58.50	Same wash, 20 lks. wide, course NW.
65.00	Same wash, 10 lks. wide, course SW.
73.50	The cor. of secs. 7,8,17 and 18. Land, rolling desert. Soil, rocky; 3rd and 4th rate. Timber, scattered paloverde; undergrowth, greasewood, sage and cactus.
	N.0°03'W., bet. secs. 7 and 8 Over rolling desert land, thru scattered timber and undergrowth.
6.40	Wash, 10 lks. wide, course SW.; asc. 85 ft.
13.40	Top of spur in saddle, slopes W.; desc. 61 ft. over N. slope.
20.60	Wash, 10 lks. wide, course N.70°W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

Subdivision of T.4 S., R.3 W.

Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 7 \text{ | S } 8 \\ | \\ 1938 \end{array}$$

No suitable accessory.

- 48.40 Wash, 10 lks. wide, course SW.; asc. 318 ft. over S. slope.
- 60.50 Top of spur, slopes W.; desc. 287 ft. over N. slope.
- 69.00 Ravine, 10 lks. wide, course generally W.; asc. 226 ft. over SW. slope.
- 80.00 Top of ridge, bears SE. to SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on bedrock, and in a mound of stone to top, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.

T 4 S R 3 W

$$\begin{array}{c} \text{S } 6 \text{ | S } 5 \\ \hline \text{S } 7 \text{ | S } 8 \\ | \\ 1938 \end{array}$$

No suitable accessory.

Land, rolling mountains, general SW. drainage.
Soil, rocky; 4th rate.
Timber, scattered paloverde; undergrowth, cactus, sage and greasewood.

- N.89°53'E., on a random line, bet. secs. 5 and 8.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.04 A point 5 lks. S. of the cor. of secs. 4, 5, 8 and 9.
Thence,
S.89°51'W., on a true line, bet. secs. 5 and 8.
Over rolling desert land, thru scattered timber and undergrowth.
- 3.80 Wash, 30 lks. wide, course SW.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \text{S } 5 \\ \hline \frac{1}{4} \text{ S } 8 \\ | \\ 1938 \end{array}$$

from which

- A paloverde, 9 ins. diam., bears N.7°W., 273 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
- An ironwood, 10 ins. diam., bears S.24 $\frac{3}{4}$ °E., 350 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
- 50.20 Same wash, course NW.
- 62.20 Same wash, course SW.

Subdivision of T.4 S., R.3 W.

Chains	
66.20	Same wash, 30 lks. wide, course NW.; asc. 202 ft. over NE. slope.
80.04	The cor. of secs. 5, 6, 7 and 8. Land, rolling and mountainous. Soil, rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood, heavy along washes; undergrowth, greasewood, sage and cactus.
	S.89°53'W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
74.13	A point 4 lks. N. of the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., described in the field notes of the resurvey of the E. bdy. of T.4 S., R.4 W., resurveyed under this group. Thence, N.89°51'E., on a true line, bet. secs. 6 and 7. Over rough mountainous land, thru scattered timber and undergrowth; asc. 257 ft. over SW. slope.
19.00	Top of spur, slopes S.; desc. 258 ft.
29.10	Base of rocky hill.
34.13	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4} \frac{S 6}{S 7}$ 1938 No suitable accessory.
36.20	Toe of spur, bears S.; asc. 294 ft. over W. slope.
61.10	Top of ridge, bears NW. and SE.; desc. 74 ft.
68.90	Bottom of descent; asc. 46 ft. to sec. cor.
74.13	The cor. of secs. 5, 6, 7 and 8. Land, very mountainous, general W. drainage. Soil, rocky; 4th rate. Timber, scattered paloverde; undergrowth, cactus, sage and greasewood.
	N.0°01'E., on a random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
82.18	A point 16 lks. E. of the cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., an iron post, 2 ins. diam., 14 ins. above ground, firmly set, mkd. and witnessed as described in the official record. Thence, S.0°06'E., on a true line, bet. secs. 5 and 6. Over rolling mountainous land, thru scattered timber

Subdivision of T.4 S., R.3 W.

Chains	
	and undergrowth.
6.00	Top of spur, slopes S.80°W.; desc. 78 ft. over SW. slope.
13.80	Base of low rocky hill.
31.00	Wash, 10 lks. wide, course generally W.
32.60	Wash, 40 lks. wide, course generally W., enter series of washes.
42.18	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \\ S\ 6\ S\ 5 \\ \\ 1938 \end{array}$
	from which
	An ironwood, 9 ins. diam., bears N.76 $\frac{1}{2}$ °E., 245 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
	A paloverde, 8 ins. diam., bears S.51°W., 108 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.
59.20	Leave series of small washes.
66.40	Wash, 30 lks. wide, course NW.; asc. 218 ft. over N. slope.
82.18	The cor. of secs. 5,6,7 and 8.
	Land, rolling and mountainous, general W. drainage. Soil, rocky; 3rd and 4th rate. Timber, scattered paloverde and ironwood, heavy along washes; undergrowth, greasewood, sage and cactus.

Final test of the solar attachments.

April 28, 1938, with Buff & Buff solar transit No. 16723, on the meridian established by Polaris observation described in the field notes of the exterior lines, surveyed under this group, every 30 min. from 8:00 a. m. to 10:30 a. m., and from 1:30 p. m. to 4:00 p. m., the proper settings are made on the latitude and declination arcs; the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1'30".

April 28, 1938, with Buff & Buff solar transit No. 9984 on the meridian established by Polaris observation described in the field notes of the exterior lines, surveyed under this group, every 30 min. from 8:00 a. m. to 10:30 a. m., and from 1:30 p. m. to 4:00 p. m., the proper settings are made on the latitude and declination arcs; the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1'30".

April 28, 1938, with Young & Sons solar transit No. 8526 on the meridian established by Polaris observation described in the field notes of the exterior lines, surveyed under this group, every 30 min. from 8:00 a. m. to 10:30 a. m., and from 1:30 p. m. to 4:00 p. m., the proper settings are made on the latitude and declination arcs; the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1'30".

Subdivision of T.4 S., R.3 W.

Chains

General Description.

The land in Township 4 South, Range 3 West, is generally rough and mountainous, with rolling valeys in some portions.

The soil is sandy, gravelly and rocky; 2nd, 3rd and 4th rate.

The timber is a medium heavy growth of paloverde, ironwood, mesquite and catsclaw, and there is a fairly dense undergrowth of greasewood, sage, saguara, ocatillo, cholla and cactus.

There are numerous dry washes in the township, but no permanent running streams. The drainage is to the West and Northwest

There is sufficient bunch grass in the township for limited cattle grazing. No settlers reside in the area, and no evidence of mineral deposits was noted.

The observed magnetic declination was 14°20'E.

4-680
(Revised May 1934)

BOOK 4188

FIELD ASSISTANTS

NAMES	CAPACITY
Edmond R. Brenizer	Principal Assistant.
John Boggs	" "
Archer H. Munger	" "
Kenneth N. Burrows	Chainman.
Kenneth Poor	"
Lavor Q. Boggs	"
Clifford Cline	Flagman.
Howard T. Chapman	"
Jack Anderson	"
Dan H. Prise	Moundsman.
Ray Sears	"
Wesley B. Farley	"
Valdoran Burrows	Axeman.
William H. Morrison	"
Owen Longest	"
Roy M. Clifton	"
Van N. Kilgore	"
Benjamin C. Porter	"

202
49
BOOK 4188

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

Horace M. Muscott, Public Land Surveyor,
WE ~~are~~, Frank Motoh, Public Land Surveyor, and Claude F. Warner, Transitman, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 12th day of December, 1933 received from the district cadastral engineer for Arizona, with assignment instructions dated January 10, 1938, WE have surveyed the subdivisinal lines of Township 4 South, Range 3 West,

River
of the Gila and Salt Δ Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by ~~me~~ ^{us} and under ~~my~~ ^{our} 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.
Glendale, Calif., Dec. 21, 1939.
Phoenix, Ariz.
Mar. 2, 1940.

Horace M. Muscott
Public Land Surveyor
Frank Motoh
Public Land Surveyor
Claude F. Warner
Transitman, General Land Office.

CERTIFICATE OF APPROVAL

OFFICE OF ~~THE~~ SUPERVISOR OF SURVEYS,
Denver, Colorado, JAN 6, 1940.

The foregoing field notes of the survey of the subdivisinal lines of Township 4 South, Range 3 West, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Horace M. Muscott, Public Land Surveyor, Frank Motoh, Public Land Surveyor and Claude F. Warner, Transitman, General Land Office, under special instructions dated December 12, 1933, and assignment instructions dated January 10, 1938, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Wm. A. Johnson
~~U.S.~~ Supervisor of Surveys.

~~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 on file in the public survey office.~~

~~U.S. Supervisor of Surveys.~~