

Original

4248

Book E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4248

FIELD NOTES
OF THE

Resurvey of a Part of the West Boundary of

T. 12 S., R. 9 E.,

Survey of a Part of the Subdivisional Lines of

Township 12 South, Range 8 East.

Of the Gila and Salt River Meridian,

Arizona

In the State of

EXECUTED BY

Ty White, Surveyor

and
Raymond F. Moss, Public Land Surveyor.

General Land Office

Under special instructions dated October 20, 1938, which provided
for the surveys included under Group No. 225, bearing the approval of the
Commissioner of the General Land Office under date of January 6, 1939
and assignment instructions dated January 12, 1939

Survey commenced March 9, 1939

Survey completed March 27, 1939

4248

4248

INDEX DIAGRAM.

Township -----, *Range* -----

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

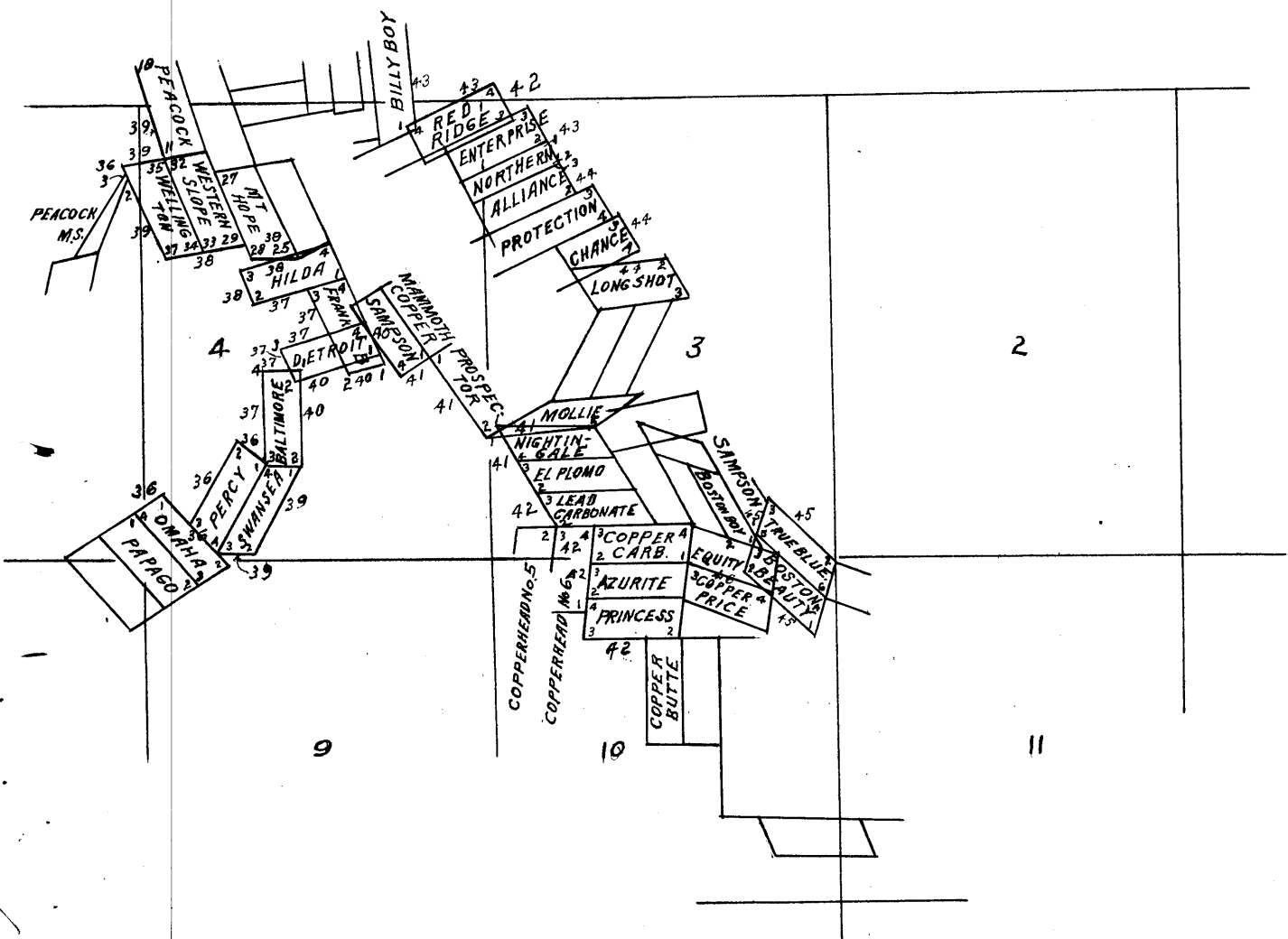
INDEX DIAGRAM

BOOK 4248

Township 12 South, Range 8 East.

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

Retracement of mining claim boundaries.



Resurvey of a part of the West bdy. of T. 12 S., R. 9 E.

BOOK 4248

The retracements, surveys, and resurveys herein described were executed by Ty White, Surveyor and Raymond F. Moss, Public Land Surveyor, using respectively, Buff transit No. 18002 and Gurley transit No. 371537. Both of these instruments are equipped with an improved Smith solar attachment and otherwise conform to the standard specifications of the General Land Office. The instruments were examined and tested by the District Cadastral Engineer for California and Arizona prior to the beginning of the survey of this group, and were approved conditional upon satisfactory results of field tests of same.

The azimuths of all of the lines of survey herein described were determined with the solar attachments.

All measurements were made with Lufkin and Dietzgen steel tapes, 5 chs. in length, graduated every link for the first 100 links. The tapes were tested by comparison with a Lufkin standard tape and found correct. All the measurements were made on the slope, the vertical angle of each interval determined with a clinometer in good adjustment, and the horizontal equivalents entered in the field notes.

PRELIMINARY FIELD TESTS OF INSTRUMENTS

Buff transit No. 18002
Ty White, Surveyor.

March 9, 1939; at camp in SE $\frac{1}{4}$ SW $\frac{1}{4}$ of section 13, T. 12 S., R. 8 E., Gila and Salt River Meridian, Arizona, in latitude 32°22'19" N., and longitude 111°29' W. . . . examine the adjustments of Buff transit No. 18002 and find no errors. Watch reads correct 105th meridian time as checked by comparison with Western Union Telegraph Co. clock. To test the workings of the solar apparatus of this instrument, proceed as follows:

At 8h 28.4m., a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in the direct and reversed positions, and reading the deflection angles from the west side of a giant cactus on the skyline about 1 $\frac{1}{2}$ miles northerly, east to Polaris;

Mean watch time of observations, a.m.	9h. 04m. 48s.
Watch time of eastern elongation, a.m.	9h. 04m. 48s.
Watch fast of l.m.t.	26m. 04s.
Mean horizontal angle from Polaris W. to reference point	1°14'07"
Azimuth of Polaris at E. elongation	1°12'43"
True bearing of reference point	N. 0°01'24" W.

March 9, 1939; at same station, at 9h. 30m., a.m. app. t., set off 32°22 $\frac{1}{2}$ ' N. on the latitude arc; 4°38 $\frac{1}{4}$ ' S. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the latitude arc unchanged; observe the sun on the meridian and obtain a reading of 4°36' S. on the declination arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m. app. t., with the latitude arc unchanged; set off 4°33' S. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

Resurvey of a part of the West bdy. of T. 12 S., R. 9 E.

Chains

As all of the observations, taken during the usual hours of solar work, agree within 1' of the true meridian, conclude that the instrument is in satisfactory state of adjustment.

Preliminary test of Gurley transit
No. 371537.

Raymond F. Moss, Public Land Surveyor.

March 9, 1939; at same station described on page 1 hereof, examine the adjustments of the transit and find no errors; then to test the workings of the solar apparatus proceed as follows:

At 9h. 30m. a.m. app. t., set off $32^{\circ}22\frac{1}{2}'$ N. on the latitude arc; $4^{\circ}38\frac{1}{4}'$ S. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the latitude arc unchanged; observe the sun on the meridian and obtain a reading of $4^{\circ}36'$ S. on the declination arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m. app. t., with the latitude arc unchanged; set off $4^{\circ}33'$ S. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the observations, taken during the usual hours of solar work, agree within 1' of the true meridian, conclude that the instrument is in satisfactory state of adjustment.

Mean Magnetic Declination $14^{\circ} 25' E.$

The west bdy. of T. 12 S., R. 9 E. was surveyed by H. F. Du Val, U. S. D. S., in 1911, establishing corners thereon with a common reference to areas on both sides of the line. In 1913, J. B. Wright, U. S. S., resurveyed the N. two miles of said bdy. reestablishing corners thereon with a common reference to areas on both sides of the line. In 1925, C. E. Hunter, U. S. T., resurveyed the S. $\frac{1}{2}$ of said bdy. altering the corners to refer to areas on the east side of the line only.

The following notes describe a resurvey of a part of the west bdy. of T. 12 S., R. 9 E.

The cor. of secs. 13 and 24, T. 12 S., R. 8 E. is an iron post 2 ins. diam., $\frac{1}{4}$ ins. above ground, firmly set, marked and witnessed as described in the official record.

Thence

N. $0^{\circ} 06' E.$, on true line on W. bdy. of sec. 19, of R. 9 E.

Over gently rolling land, thru scattering timber and undergrowth.

Ascend gentle S. slope.

1.90 Low flat spur, slopes E. Desc. gradual NE. slope.

4.60 Wash, 15 lks. wide, 2 ft. deep, course S. $80^{\circ} E.$, Desc. over a gradual N. slope.

Resurvey of a part of the West bdy. of T. 12 S., R. 9 E.

Chains	
10.80	Low spur, slopes N., 80° E. Desc. over a N. slope.
14.00	Road, bears S. 80° W. and E.
22.40	Wash. 6 lks. wide, 1 ft. deep, course SE. Asc. S. slope.
24.00	Spur, slopes E. Desc. over a N. slope.
25.10	The cor. of secs. 18 and 19, which is a granite stone 6x5x8 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Land, rolling. Soil, rocky and gravelly, 2nd and 3rd rates. Timber, paloverde and ironwood. Undergrowth, greasewood.
	Thence
	N. 0° 01' W., on true line of W. bdy. of sec. 18.
	Over rolling and mountainous land, thru scattering timber and undergrowth.
2.00	Wash, 25 lks. wide, 2 ft. deep, course S. 35° E. asc. gradual SW. slope.
14.90	At this point, which is 40.00 chs. in lat. from the cor. of secs. 13 and 24 of R. 8 E.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 13 only, with brass cap marked
	$\frac{1}{4}$ S13
	1939
	No suitable bearing trees available. Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high. W. of cor.
	Ascend 46 ft. over a SW. slope.
32.60	Low spur, slopes S. 60° E. Desc. NE. slope.
40.02	The $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is a basalt stone, 9x5x5 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face and witnessed by a mound of stone, W. of cor.
	As this cor. now refers to sec. 18 only, I destroy the mound of stone W. of the cor. and raise a new mound of stone, 3 ft. base, 2 ft. high E. of cor.
	No bearing trees available.
	Thence
	N. 0° 02' E., on true line, along the W. bdy. of sec. 18.
12.80	Ravine, course S. 60° E. Asc. 25 ft. over a SW. slope.
14.88	At this point, which is 80.00 chs. in lat. from the cor. of secs. 13 and 24, of R. 8 E.
	Set an iron post, 3 ft. long, 2 ins. diam. 27 ins. in the ground for cor. of secs. 12 and 13 only, of R. 8 E. with brass cap marked

Resurvey of a part of the West bdy. of T. 12 S., R. 9 E.

Chains	<p style="text-align: center;"> T12S T12S S12 R9E S13 R8E S18 </p> <p style="text-align: center;">1939</p> <p>No bearing trees available. Raise a mound of stone 3 ft. base, 2½ ft. high, W. of cor.</p> <p>Asc. 23 ft. over a SW. slope.</p> <p>19.00 Spur, slopes S. 45° E. Desc. 8 ft. over a NE. slope.</p> <p>22.30 Head of a ravine, course S. 80° E. Asc. 75 ft. over a SW. slope.</p> <p>24.40 Road, bears E. and W.</p> <p>27.10 High narrow spur, slopes S. 80° E. (10 chs. to toe) Desc. 72 ft. over a NE. slope.</p> <p>35.00 Ravine, course S. 70° E. Asc. 57 ft. over a SW. slope.</p> <p>39.10 Spur, slopes S. 60° E. from W. Desc. 49 ft. over a NE. slope.</p> <p>39.92 The cor. of secs. 7, 12, 13 and 18, which is a porphyry stone, 8x6x6 ins. above ground, firmly set, marked 4 notches on N. edge and 2 notches on S. edge and witnessed by a mound of stone W. of cor.</p> <p>As this cor. now refers to secs. 7 and 18 only, I destroy the mound of stone W. of cor. and raise a new mound of stone, 2½ ft. base, 2 ft. high E. of cor.</p> <p>No suitable bearing trees available.</p> <p>Land, rolling and mountainous. Soil, rocky and gravelly, 2nd and 3rd rates. Timber, paloverde and ironwood. Undergrowth, greasewood.</p> <hr/> <p>Thence</p> <p>North, on true line, along the W. bdy. of sec. 7.</p> <p>Over mountainous land, thru scattering timber and undergrowth.</p> <p>Descend NE. slope.</p> <p>2.00 Ravine, course S. 70° E. Asc. 94 ft. over a SW. slope.</p> <p>14.35 Spur, slopes S. 45° E. Continue a gradual ascent across the head of a ravine, course S. 45° E.</p> <p>14.96 At this point, which is 40.00 chs. in lat. from the cor. of secs. 12 and 13, of R. 8 E.</p> <p>Set an iron post, 3 ft. long. 1 in. diam., 10 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top, for ¼ sec. cor of sec. 12 only of R. 8 E., with brass cap marked</p> <p style="text-align: center;">¼ S12 </p> <p style="text-align: center;">1939</p>
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Resurvey of a part of the West bdy. of T. 12 S., R. 9 E.

Chains

Ascend over a general SE. slope.

16.36 Side hill drain, course S. 30° E. Asc. 331 ft. over a SW. slope.

33.35 Spur, slopes S. 80° E. from a small peak 2.00 chs. W. Desc. 446 ft. over a broken NE. slope.

39.82 The $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is an iron post, 1 in. diam., 14 ins. above ground, firmly set, with brass cap marked

S12 $\frac{1}{4}$ | S7

1913

As this cor. now refers to sec. 7 only, I change the markings to read

| $\frac{1}{4}$ S7

1939

1913

from the cor.

Old bearing trees:

A palo verde, 6 ins. diam., bears S. 5 $\frac{1}{2}$ ° E., 30 lks. dist., marked $\frac{1}{4}$ S7 BT.

A palo verde, 3 ins. diam., bears S. 81 $\frac{1}{2}$ ° W., 9 lks. dist., marked $\frac{1}{4}$ S12 BT. I destroy the markings on this tree. Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high E. of cor.

Descend over a N. slope.

53.95 Ravine, course E. Ascend 10 ft. over a S. slope.

54.96 At this point, which is 80.00 chs. in lat. from the cor. of secs. 12 and 13, of R. 8 E.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for cor. of secs. 1 and 12 only of R. 8 E., with brass cap marked

T12S T12S

S1 | R9E

S12 |

R8E S7

1939

Desc. over a N. slope.

56.55 Gulch, course N. 80° E. Asc. 187 ft. over a S. slope.

66.90 Spur, slopes E. Desc. 225 ft. over a NE. slope.

70.00 Enter rolling land, bears NW. and SE.

79.76 The true point for cor. of secs. 1, 6, 7 and 12, ^{which} falls in a gulch, 10 lks. wide, course E. For description of witness cor. see W. bdy. of sec. 6.

Land, mountainous.

Soil, Rocky and gravelly, 3rd and 4th rates.

Timber, palo verde and ironwood.

Undergrowth, greasewood.

Resurvey of a part of the West bdy. of T. 12 S., R. 9 E.

Chains

Thence

North, on true line, along the W. bdy. of sec. 6.

Over rolling land, thru scattering timber and undergrowth.

0.10 The witness cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. diam., firmly set in a mound of stone to top, 3 ft. base, 1½ ft. high, with brass cap marked

T12S	
R8E	R9E
S1	S6
—+— WC	
S12	S7

1913

As this cor. now becomes the Wit. cor. of secs. 6 and 7 only, I change the markings on the brass cap to read

T12S	T12S
R8E	S6
S1	S7
R9E	WC
1939	
1913	

from the cor.

Old bearing trees

A palo verde, 4 ins. diam., bears N. 26½° E., 41 lks. dist., marked T12S R9E S6 WC BT.

A palo verde, 6 ins. diam., bears S. 71¼° E., 53 lks. dist., marked T12S R9E S7 WC BT.

A palo verde, 6 ins. diam., bears S. 36¼° W., 47 lks. dist., marked T12S R8E S12 WC BT. I destroy the markings on this tree.

A palo verde, 4 ins. diam., bears N. 18° W., 26 lks. dist., marked T12S R8E S1 WC BT. I destroy the markings on this tree.

0.70 Low flat spur, slopes S. 80° E. Asc. gentle NE. slope.
12,60 Gulch, 20 lks. wide, 2 ft. deep, course S. 70° E. Asc. SW. slope.
15.20 At this point, which is 40.00 chs. in lat. from the cor. of secs. 1 and 12, of R. 8 E.

Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top, for ¼ sec. cor. of sec. 1 only of R. 8 E., with brass cap marked

¼ S1	
1939	

Asc. 29 ft. over a SW. slope.

18.55 Low spur, slopes S. 70° E. Desc. 29 ft. over a NE. slope.
20.20 Ravine, course S. 70° E. Asc. 29 ft. over a SW. slope.
32.30 Spur, slopes E. Desc. 71 ft. over a N. slope.

Resurvey of a part of the West bdy. of T. 12 S., R. 9 E.

Chains
39.95

The $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is an iron post, 1 in. in diam., firmly set in a mound of stone to top, 2 ft. base, $1\frac{1}{2}$ ft. high, with brass cap marked

$$S1\frac{1}{4} | S6$$

1913

As this cor. now refers to sec. 6 only, I change the markings on the brass cap to read

$$| \frac{1}{4} S6$$

1939

1913

from the cor.

Old bearing trees

A palo verde, 8 ins. diam., bears N. $3\frac{1}{2}^{\circ}$ E., 110 lks. dist., marked $\frac{1}{4}$ S6 BT.

A palo verde, 6 ins. diam., bears S. $75\frac{1}{2}^{\circ}$ W., 148 lks. dist., marked $\frac{1}{4}$ S1 BT. I destroy the markings on this tree.

Desc. 13 ft. over a N. slope.

54.20 Slope changes. Desc. 38 ft. over a NW. slope.

55.20 At this point, which is 80.00 chs. in lat. from the cor. of secs. 1 and 12, of R. 8 E.

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top, for cor. of lots 1 and 8 of sec. 1 only of R. 8 E. with brass cap marked

$$S1 - \frac{1}{8}$$

1939

Desc. 38 ft. over a NW. slope.

56.70 Ravine, course N. 80° E., Asc. 29 ft. over a SE. slope.61.20 Spur, slopes N. 80° E. Desc. 52 ft. over a N. slope.66.10 Gulch, course N. 70° E. Asc. over a S. slope.

75.00 Spur, slopes E. Desc. 52 ft. over a N. slope.

78.75 Ravine, course E. Asc. 12 ft. over a S. slope.

79.91 The cor. of Ts. 11 and 12 S., Rs. 8 and 9 E., which is an iron post, 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.

Land, rolling.

Soil, rocky and gravelly, 3rd and 4th rates.

Timber, palo verde and ironwood.

Undergrowth, greasewood.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

As a part of the boundary of the Papago Indian Reservation, the latitudinal center line of this township was surveyed by C. E. Hunter in 1925.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains

The following notes describe the survey of the subdivision lines of the north half of the township.

From the cor. of secs. 13, 14, 23 and 24, which is an iron post, 2 ins. diam., firmly set in a mound of stone to top, 3 ft. base, 2 ft. high, marked and witnessed as described in the official record.

N. 0° 01' W., on true line, bet. secs. 13 and 14.

Over rolling land, thru scattering timber and heavy undergrowth.

Descend 17 ft. over a N. slope.

- 0.02 Papago Indian Reservation fence, (4 strand barbed wire) bears E. and W.
- 12.90 Wash, 10 lks. wide, course E.
- 14.60 Dim road, bears N. 80° W. and S. 80° E.
- 20.20 Wash, 30 lks. wide, course S. 30° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 13 and 14, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S14 \quad | \quad S13 \\ 1939 \end{array}$$

from which

An ironwood, 24 ins. diam., bears S. 20 $\frac{1}{2}$ ° E., 54 lks. dist., marked $\frac{1}{4}$ S 13 BT.

An ironwood 24 ins. diam., bears S. 84° W., 145 lks. dist., marked $\frac{1}{4}$ S 14 BT.

- 44.30 Road, bears NW. and SE. on top of a low flat spur which slopes SE.
- 53.85 Wash, 35 lks. wide, course SE.
- 66.45 Road, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock with a stone marked with a cross (X) deposited at the base and in a mound stone to top for cor. of secs. 11, 12, 13 and 14, with brass cap marked

$$\begin{array}{c} T12S \quad R8E \\ | \\ S11 \quad | \quad S12 \\ | \\ S14 \quad | \quad S13 \end{array}$$

1939

from which

An ironwood, 5 ins. diam., bears N. 85 $\frac{1}{2}$ ° E., 45 lks., dist., marked T12S R8E S12 BT.

An ironwood, 4 ins. diam., bears S. 21° E., 54 lks. dist., marked T12S R8E S13 BT.

An ironwood, 5 ins. diam., bears S. 85 $\frac{1}{4}$ ° W., 122 lks. dist., marked T12S R8E S14 BT.

Survey of a part of the Subdivision lines of T.12 S., R.8 E.

Chains	<p>An ironwood, 5 ins. diam., bears N.62$\frac{1}{2}$°W., 110 lks. dist., marked T12S R8E S11 BT</p> <p>Land, rolling. Soil, rocky and gravelly, 3rd. & 4th. rates. Timber, palo verde & ironwood. Undergrowth, greasewood.</p> <hr/> <p>East, on a random line bet. secs. 12 and 13. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 79.98 Intersect E. bdy. of Tp. 11 lks. N.0°02'E., of the cor. of secs. 12 and 13, hereinbefore described. Thence N.89°55'W., on true line bet. secs. 12 and 13.</p> <p>Over rolling land, thru scattering timber and undergrowth.</p> <p>15.10 Rock outcrop on top of a spur, which slopes S.65°E. Desc. 40 ft. over a SW. slope.</p> <p>18.65 Wash, 25 lks. wide, course SE. Asc. 50 ft. over E. slope.</p> <p>26.50 Spur, slopes S. 15.00 chs. then SE.</p> <p>36.90 Mine shaft, 30 ft. deep, bears N. 32 lks. dist. Top of a short spur, slopes S. Desc. 10 ft. over a SW. slope.</p> <p>39.99 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> $\frac{1}{4} \begin{array}{r} S 12 \\ \hline S 13 \\ 1939 \end{array}$ <p>from which</p> </div> <p>An ironwood, 4 ins. diam., bears N.28$\frac{1}{2}$°E., 51 lks. dist., marked $\frac{1}{4}$ S 12 BT</p> <p>An ironwood, 4 ins. diam., bears S.1 $\frac{3}{4}$°W., 120 lks. dist., marked $\frac{1}{4}$ S 13 B T</p> <p>Desc. 18 ft. over SW. slope.</p> <p>41.90 Fence, (3 strand barbed wire) bears N. and S.</p> <p>47.90 Wash, 10 lks. wide, course SE. Asc. 104 ft. over a NE. slope.</p> <p>63.00 Low flat spur, slopes SE. Desc. 30 ft. over W. slope.</p> <p>76.00 Road, bears N. and S.</p> <p>78.00 Wash, 30 lks. wide, course S.</p> <p>79.98 The cor. of secs. 11, 12, 13 and 14.</p> <p>Land, rolling. Soil, rocky, 3rd. and 4th. rates. Timber, palo verde and ironwood. Undergrowth, greasewood.</p> <hr/> <p>N.0°01'W., on a true line bet. secs. 11 and 12.</p> <p>Over mountainous land, thru scattering timber and undergrowth. Asc. 58 ft. over SW. slope.</p> <p>21.77 Mine shaft, 20 ft. deep, bears N.64$\frac{1}{2}$°W., 131 lks. dist. Mine shaft, 10 ft. deep, bears N.56$\frac{1}{2}$°W., 139 lks. dist.</p> <p>23.00 Spur, slopes SE. Desc. over gradual NE. slope.</p> <p>24.14 Mine shaft, bears W., 78 lks. dist.</p> <p>25.14 Wash, 15 lks. wide, course SE. Asc. 85 ft. over SE. slope.</p>
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Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains 40.00	<p>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 marked</p> <div style="text-align: center;"> $\frac{1}{4}$ S11 S12 1939 </div> <p style="text-align: right;">from which</p> <p>An ironwood, 3 ins. diam., bears N. $23\frac{1}{4}^{\circ}$E., 48 lks. dist., marked $\frac{1}{4}$ S12 B T</p> <p>An ironwood, 4 ins. diam., bears S. $45\frac{3}{4}^{\circ}$W., 95 lks. dist., marked $\frac{1}{4}$ S11 B T</p> <p>Enter rough mountainous land. Asc. 63 ft. over SE. slope.</p>
41.68	<p>Intersect line 3-4, Survey No. 2799, Ikon lode, not patented, at a point from which Cor. No. 3, bears S. $89^{\circ}40'$E., 7.00 chs. dist.; a post 2 x 4 ins., 3 ft. above ground, in mound of stone, mkd. S.E. Cor. IKON.</p> <p>From the same point, Cor. No. 2, Survey No. 2799, Totem lode, not patented, bears N. $89^{\circ}40'$W., 6.58 chs. dist.; a post 2 x 4 ins. 3 ft. above ground, and in mound of stone, marked NE COR TOTEM.</p>
43.49	Mine shaft, 50 ft. deep, bears S. $77\frac{1}{4}^{\circ}$ E., 171 lks. dist.
46.00	Top of ascent, on E. side of spur. Desc. 30 ft. over a NE. slope.
51.60	Ravine, course SE. Asc. 417 ft. over a S. slope.
59.79	<p>Intersect line 1-2, Survey No. 2799, Idol lode, not patented, at a point from which Cor. No. 2 bears S. $89^{\circ}40'$E., 7.14 chs. dist.; a mound of stone, with a post 2 x 4 ins. 4 ft. long, lying alongside, marked NE COR IDOL.</p> <p>From the same point, Cor. No. 4, Survey No. 2799, Mask lode, not patented, bears N. $89^{\circ}40'$W., 3.92 chs. dist.; a mound of stone with old post 2 x 4 ins. 4 ft. long, lying alongside, marked SE COR MASK.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for cor. of secs. 1, 2, 11 and 12, with brass cap marked</p> <div style="text-align: center;"> T12S R8E S2 S1 S11 S12 1939 </div> <p>Land, mountainous. Soil, rocky, 3rd. and 4th. rates. Timber, palo verde and ironwood. Undergrowth, greasewood.</p>
	S. $89^{\circ}55'$ E., on a random line, bet. secs. 1 and 12.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect E. bdy. of Tp., 9 lks. N. of the cor. of secs. 1 and 12, hereinbefore described.
	Thence

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
	N. 89° 51' W., on true line, bet. secs. 1 and 12.
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. NW. slope.
1.35	Gulch, course N. 80° E.
9.95	Recross gulch, course S. 80° E. Asc. 572 ft. along the top of a spur, slopes E.
39.00	Spur, slopes SE., thence along a broken SE. slope.
39.97	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S1}{S12}$
	.1939
	Continue along a broken S. slope.
45.30	Spur, slopes S. Desc. 51 ft. over a W. slope.
47.95	Ravine, course S. Asc. 168 ft. over a SE. slope.
59.60	Spur, slopes SE., thence along a broken S. slope.
76.50	Spur, slopes S. 12.00 chs. then SE. Desc. 52 ft. over a SW. slope.
79.94	The cor. of secs. 1, 2, 11 and 12.
	Land, mountainous. Soil, rocky, 4th rate. Timber, palo verde and ironwood. Undergrowth, greasewood.
	N. 0° 01' W., on a random line, bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temp. lot cor.
104.72	Intersect the N. bdy. of the Tp. at the cor. of secs. 1, 2, 35 and 36, which is an iron post, 3 ins. diam., firmly set in a mound of stone to top, 3 ft. base $2\frac{1}{2}$ ft. high, marked and witnessed as described in the official record.
	Thence
	S. 0° 01' E., on true line bet. secs. 1 and 2.
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. 126 ft. over a S. slope.
5.35	Ravine, course N. 85° E. Asc. 194 ft. over a N. slope.
9.70	Spur, slopes E. Desc. 211 ft. over a S. slope.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
14.90	Ravine, course N. 70° E. Asc. 211 ft, over a N. slope.
23.20	Spur, slopes N. 70° E. Desc. over a SE. slope.
24.72	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for cor. of lots 4 and 5 of sec. 1 and lots 1 and 8 of sec. 2, with brass cap marked
	$\begin{array}{c} 1 \quad 4 \\ S2 \quad + \quad S1 \\ 8 \quad 5 \end{array}$
	1939
	Desc. 144 ft. over a SE. slope.
32.90	Ravine, course NE. Asc. 626 ft. over a steep NW. slope.
52.70	Spur, slopes E. from S. 30° W. Desc. 125 ft. across the head of a ravine, E. slope.
61.70	Short spur, slopes E. Desc. 45 ft. over a SE. slope.
64.72	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ S2 \quad \quad S1 \\ 1939 \end{array}$
	This cor. is located at the head of a ravine, course E. Asc. 355 ft. over a NE. slope.
78.00	High ridge, bears N. 60° W. to a peak 3.00 chs. dist. and S. 20° E. 3.00 chs. then S. 70° E. to a saddle 7.00 chs. dist. Desc. 912 ft. over a steep S. slope.
104.72	The cor. of secs. 1 2, 11 and 12, Land, mountainous. Soil, rocky, 4th rate. Timber, palo verde and ironwood. Undergrowth, greasewood.
	From the cor. of secs. 14, 15, 22 and 23, which is an iron post, 2 ins. diam., firmly set in a mound of stone to top, 3 ft. base, 2 ft. high, marked and witnessed as described in the official record.
	N. 0° 01' W., on true line, bet. secs. 14 and 15.
	Over rolling land, thru scattering timber and undergrowth.
0.02	Papago Indian Reservation fence, (4 strand barbed wire) bears E. and W.
5.35	Low spur, slopes S. 10° E., thence along E. slope of same.
15.40	Short spur, slopes S. 40° E. Desc. NE. slope

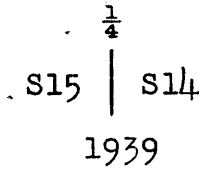
Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains

24.35 Ravine, course S. 10° E. Asc. SW. slope.

34.30 Low narrow spur, slopes S. 20° E. Desc. NE. slope.

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



form which

An ironwood, 6 ins. diam., bears S. 71 1/2° E., 171 lks. dist., marked 1/4 S14 BT.

An ironwood, 5 ins. diam., bears S. 85 1/4° W., 112 lks. dist., marked 1/4 S15 BT.

Asc. gradually over a S. slope.

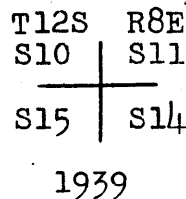
41.85 Dim road, bears N. 45° E. and S. 45° W.

58.60 Recross road, bears N. 45° W. and S. 45° E.

65.00 Small drain, course S. 30° E.

77.00 Recross road, bears N. 30° E. and S. 30° W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 10, 11, 14 and 15, with brass cap marked



from which

An ironwood, 6 ins. diam., bears N. 59 3/4° E., 62 lks. dist., marked T12S R8E S11 BT.

An ironwood, 4 ins. diam. bears S. 30 3/4° E., 99 lks. dist., marked T12S R8E S14 BT.

An ironwood, 3 ins. diam., bears S. 69 3/4° W., 86 lks. dist. ~~marked~~ BT.

An ironwood, 3 ins. diam., bears N. 55 1/4° W., 15 lks. dist. marked B T.

Land, rolling.
Soil, rocky and gravelly, 3rd and 4th rates.
Timber, palo verde and ironwood.
Undergrowth, greasewood.

East, on a random line, bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	N. 89° 59' W., on true line bet. secs. 11 and 14. Over rolling land, thru scattering timber and undergrowth. Desc. over a NW. slope.
0.80	Wash, 15 lks, wide, 2 ft. deep, course S. 15° W. Asc. 10 ft. over an E. slope.
4.30	Low flat spur, slopes S. 30° E. Desc. 31 ft. over a SW. slope.
13.65	Wash, course S. 20° E. Asc. 60 ft. over an E. slope.
15.70	Road, bears N. 80° W. and S. 45° E.
33.40	Road, bears N. 80° W. and S.
35.00	Low wide spur, slopes SE.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S11}{\frac{1}{4}} = S14$
	1939
	from which
	An ironwood, 3 ins. diam., bears N. 77° E., 20 lks. dist., marked $\frac{1}{4}$ S11 BT.
	An ironwood, 5 ins. diam., bears S. 27° W., 78 lks., dist., marked $\frac{1}{4}$ S14 BT.
41.50	Dim road, bears N. and S.
44.50	Gulch, course S. 20° E.
49.70	Low flat ridge, (Divide) bears N. and S. Desc. 29 ft. over an E. slope.
52.80	Dim road, bears N. 10° W. and S. 10° E.
58.40	Ravine, course S. 10° W. Asc. 46 ft. over an E. slope.
72.20	Spur, slopes S. 10° E. Desc. 25 ft. over a W. slope.
76.70	Wash, 3 lks wide, 1 ft. deep, course S.
79.00	Road, bears S. 10° W. and N. 10° E.
80.02	The cor. of secs. 10, 11, 14 and 15. Land, rolling. Soil, rocky and gravelly, 3rd and 4th rate. Timber, palo verde and ironwood. Undergrowth, greasewood.
	N. 0° 01' W., on true line bet. secs. 10 and 11. Over mountainous land, thru scattering timber and undergrowth.
7.30	Road, bears E. and W. Top of a spur, slopes S. 60° W. Desc. 25 ft. over a N. slope.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
9.50	Gulch, 20 lks. wide, course W. Asc. 117 ft. over a SE. slope.
10.20	Intersect line 3-4 Sur. No. 2799 Iron Master lode (Patented) at a point from which cor. No. 3 bears S. 89° 40' E., 7.96 chs. dist., which is a pine post, 4 ins. sq., 1 ft. above a mound of stone, 5 ft. base, 3 ft. high, marked 3-2799. From the same point Cor. No. 4 bears N. 89° 40' W., 14.74 chs. dist., which is a pine post, 4 ins. sq., 1 ft. above a mound of stone, 4 ft. base, 2 ft. high, marked 4-2799. Across patented mineral land.
20.60	Spur, slopes S 45° W. (10.00 chs. to toe) Desc. 48 ft. over a NW. slope.
28.00	Ravine, course S. 80° W. Asc. 262 ft. over a broken SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap marked $\begin{array}{c} \frac{1}{4} \\ \\ S10 \quad \quad S11 \\ \\ 1939 \end{array}$
41.25	High spur, slopes S. 15° E. (High rock dome, bears N. 14° W., approx. 10.00 chs. dist.) Desc. 80 ft. over a NE. slope.
46.10	Ravine, course E. Asc. 45 ft. over a SE. slope.
52.40	Short spur, slopes E. Desc. 167 ft. over a N. slope.
61.70	Wash, 30 lks. wide, 2 ft. deep, course S. 45° E. Asc. 328 ft. over a broken SW. slope.
62.10	Road, bears E. and W.
64.00	U. S. M. Mon. No. 2, bears S. 83° 21' W., 13.79 chs. dist.; a pine post, 4 ins. sq. 3 ft. above a mound of stone, 5 ft. base, 3½ ft. high, marks illegible. This cor. is located in a saddle of a ridge, which bears N. and S.
64.10	Road, bears SE. and NW.
69.60	Spur, slopes S. 10° W. Continue ascent.
77.89	Cor. No. 6 Sur. No. 603 Dox Olligy lode (Patented) identical with cor. No. 2 Sur. No. 602 True Blue lode; (Patented) a pine post, 4 ins. sq. 1 ft. above a mound of stone, 3 ft. base, 2½ ft. high, marks illegible. Leave patented mineral land.
79.50	High ridge, bears W. and S. 70° E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground for cor. of secs. 2, 3, 10 and 11, with brass cap marked

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	<p style="text-align: center;">T12S R8E S3 S2 ----- S11 S10</p> <p style="text-align: center;">1939</p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.</p>
	S. 89° 59' E., on a random line, bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	A point, 2 lks. N. of the cor. of secs. 1, 2, 11 and 12.
	Thence
	N. 89° 58' W., on true line bet. secs. 2 and 11.
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. 4 ft. over a W. slope.
1.40	Ravine, course S. Asc. 49 ft. over an E. slope.
2.50	Low short spur, slopes S. Desc. 63 ft. over a W. slope.
11.00	Ravine, course S. Asc. 187 ft. over an E. slope.
20.40	High spur, slopes S. Desc. 291 ft. over a W. slope.
31.80	Ravine, course S. 30° W. Asc. 13 ft. over a SE. slope.
32.95	Low spur, slopes S. 30° W. Desc. 58 ft. over a W. slope.
39.60	Gulch, 15 lks wide, 2 ft. deep, course S.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked
	<p>S2 $\frac{1}{4}$ ----- S11</p>
	1939
	Asc. 35 ft. over a n E. slope.
43.60	High spur, slopes S. Desc. 164 ft. over a W. slope.
54.60	Ravine, course S. 15° E. Asc. 90 ft. over a NE. slope.
60.30	Spur, slopes S. 15° E. Desc. 60 ft. over a SW. slope.
69.85	Wash, 25 lks. wide, 2 ft. deep, course S. 45° E. Asc. 269 ft. over the NE. slope of a high ridge.
80.00	The cor. of secs. 2, 3, 10 and 11.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains

Land, mountainous.
Soil, rocky and gravelly, 3rd and 4th rates.
Timber, palo verde and ironwood; undergrowth, greasewood.

N. 0° 01' W., on a random line, bet. secs. 2 and 3.

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

80.00 Set temp. lot cor.

104.50 The cor. of secs. 2, 3, 34 and 35; an iron post, 3 ins. diam., 6 ins. above a mound of stone, 3 ft. base, 2 ft. high, firmly set, marked and witnessed as described in the official record.

Thence

S. 0° 01' E., on true line, bet. secs. 2 and 3.

Over mountainous land, thru scattering timber and undergrowth.

Desc. 88 ft. over a S. slope.

5.15 Ravine, course W. Asc. N. slope.

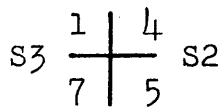
9.90 Short spur, slopes N. 70° W. Desc. 102 ft. over a S. slope.

13.00 Ravine, course N. 70° W. Asc. 99 ft. over a N. slope.

18.60 Main ridge of the Silver Bell mountains, bears N. 70° W. and S. 70° E. Desc. 34 ft. over a SW. slope.

22.95 Ravine, course W. Asc. NW. slope.

24.50 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for lots 1 and 7 of sec. 3 and lots 4 and 5 of sec. 2, with brass cap marked



1939

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

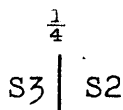
Asc. 17 ft. over a N. slope.

26.10 Spur, slopes W. from a high peak, approx. 20.00 chs. E. Desc. 317 ft. over a broken SW. slope.

52.10 Spur, slopes S. 10° W. Desc. 24 ft. across the head of a ravine, course S. 30° E.

59.00 Same spur, Slopes S. 45° E. from N. 10° W. Desc. 139 ft. over a SE. slope.

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



1939

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

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
	Desc. 44 ft. over a SE. slope.
66.40	Ravine, course S. 30° W. Asc. 41 ft. over a NW. slope.
75.90	Spur, slopes S. 80° W. Desc. 24 ft. over a SE. slope.
78.10	Ravine, near its head, course S. 80° W. Asc. 47 ft. over a NW. slope.
81.75	Short spur, slopes S. 80° W. Desc. 47 ft. along the W. slope of a ridge.
95.45	Saddle in a low ridge, bears N. 10° E. and S. 10° W. Asc. 41 ft. across the head of a ravine, course S. 80° E.
104.50	The cor. of secs. 2, 3, 10 and 11. Land, mountainous. Soil, rocky and gravelly, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.
	From the cor. of secs. 15, 16, 21 and 22, which is an iron post, 2 ins. diam., 1 ft. above the ground, firmly set, marked and witnessed as described in the official record. This cor. is located in the line of the Papago Indian Reservation fence, (4 strand barbed wire) which bears E. and W. N. 0° 02' W., bet. secs. 15 and 16. Over rolling land, thru scattering timber and undergrowth.
9.60	Head of a ravine, course SW. Asc. 62 ft. over a SW. slope.
28.00	Spur, slopes W. Desc. 29 ft. over a NW. slope.
32.25	Left bank of a wash, 50 lks. wide, course SW.
40.00	True point for $\frac{1}{4}$ sec. cor. falls in a wash 50 lks. wide, course SW., unsafe to set the cor. at this point.
41.65	Right bank of wash, 50 lks wide, course SW.
42.50	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S16 S15 WC 1939 from which A catclaw, 3 ins. diam., bears S. 1 $\frac{1}{2}$ ° E. 40 lks. dist., marked WC $\frac{1}{4}$ S15 BT. An ironwood, 6 ins. diam., bears N. 27 $\frac{1}{2}$ ° W., 154 lks. dist., marked WC $\frac{1}{4}$ S16. BT.
57.50	Ravine, course SW.
68.60	Road, bears NE. and SW.
72.10	Wash, 40 lks wide, course SW.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains 80.00	<p>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. 9, 10, 15 and 16, with brass cap marked</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 10px;">T12S</td> <td style="padding: 0 10px;">R8E</td> </tr> <tr> <td style="padding: 0 10px;">S9</td> <td style="padding: 0 10px;">S10</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 0 10px;">S16</td> <td style="border-top: 1px solid black; padding: 0 10px;">S15</td> </tr> </table> </div> <p style="text-align: center;">1939</p> <p style="text-align: right;">from which</p> <p>An ironwood, 3 ins. diam., bears N. $46\frac{1}{2}^{\circ}$ E., 126 lks. dist., marked T12S R8E S10 BT.</p> <p>An ironwood, 5 ins. diam., bears S. $56\frac{1}{4}^{\circ}$ E., 29 lks. dist., marked T12S R8E S15 BT.</p> <p>An ironwood, 4 ins. diam., bears S. $46\frac{1}{4}^{\circ}$ W., 249 lks. dist., marked T12S R8E S16 BT.</p> <p>An ironwood, 3 ins. diam., bears N. 16° W., 185 lks. dist., marked T12S R8E S9 BT.</p> <p>Land, rolling. Soil, rocky and gravelly, 3rd and 4th rates. Timber, ironwood and palo verde; undergrowth, greasewood.</p>	T12S	R8E	S9	S10	S16	S15
T12S	R8E						
S9	S10						
S16	S15						
40.00	<p>East, on a random line, bet. secs. 10 and 15.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p>						
79.98	<p>A point 7 lks. S. of the cor. of secs. 10, 11, 14 and 15.</p> <p>Thence</p> <p>S. $89^{\circ} 57'$ W., on true line, bet. secs. 10 and 15.</p> <p>Over rolling land, thru scattering timber and undergrowth.</p>						
26.60	Road, bears N. 80° E. and S. 80° W.						
30.90	Recross road, bears N. 60° W. and S. 70° E.						
39.99	<p>Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock with a stone marked with a cross (X) deposited at the base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 10px;">$\frac{1}{4}$</td> <td style="padding: 0 10px;">S10</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 0 10px;">$\frac{1}{4}$</td> <td style="border-top: 1px solid black; padding: 0 10px;">S15</td> </tr> </table> </div> <p style="text-align: center;">1939</p>	$\frac{1}{4}$	S10	$\frac{1}{4}$	S15		
$\frac{1}{4}$	S10						
$\frac{1}{4}$	S15						
47.50	Low spur, slopes SW.						
50.90	Wash, 40 lks. wide, course SW.						
55.60	Road, bears NE. and SW.						
67.90	Wash, 35 lks. wide, course SW.						
79.98	<p>The cor. of secs. 9, 10, 15 and 16.</p> <p>Land, rolling. Soil, rocky and gravelly, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.</p>						

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
	N. 0° .02' W., bet. secs. 9 and 10.
	Over rolling land, thru scattering timber and undergrowth.
16.55	Road, bears N. 60° W. and S. 60° E.
22.25	Wash, 30 lks. wide, course SW.
32.91	Intersect line 2-3 Sur. No. 3994 Black Silver lode at a point from which cor. No. 2 bears N. 89° 57' E., 4.46 chs. dist.; an iron pipe, 1 in. diam., 1 ft. above a mound of stone, 2 ft. base, 1 ft. high, marked 3994-2 -BS- 2.
	From the same point cor. No. 3 bears S. 89° 57' W., 18.27 chs. dist.; an iron pipe, 1 in. diam., 1 ft. above a mound of stone, 2 ft. base, 1 ft. high, marked 3994-3-BS-3.
	Thence across Sur. No. 3994, not patented.
34.00	Road, bears N. 80° E. and W.
40.00	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 marked
	$\begin{array}{c} \frac{1}{4} \\ S9 \quad \quad S10 \\ 1939 \end{array}$
	from which
	An ironwood, 3 ins. diam., bears S. 80° E., 23 lks. dist., marked $\frac{1}{4}$ S10 BT.
	An ironwood, 3 ins. diam., bears S. 40 $\frac{1}{4}$ ° W., 163 lks. dist., marked $\frac{1}{4}$ S9 BT.
	Enter mountainous land.
42.30	Wash, 20 lks. wide, course SW. Asc. 255 ft. over a SE. slope.
63.60	Spur, slopes S. 80° W. Desc. 44 ft. over a NW. slope.
68.00	Spur, slopes S. 30° W. Desc. 69 ft. over a NW. slope.
73.05	Drain, course W. Asc. 45 ft. over a SW. slope.
79.70	Spur, slopes W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top, for cor. of secs. 3, 4, 9 and 10, with brass cap marked
	$\begin{array}{c} T12S R8E \\ S4 \quad \quad S3 \\ \hline S9 \quad \quad S10 \\ 1939 \end{array}$
	from which
	An ironwood, 24 ins. diam., bears N. 71 $\frac{3}{4}$ ° E. 197 lks. dist., marked T12S R8E S3 BT.
	An ironwood, 23 ins. diam., bears S. 88° E., 257 lks. dist., marked T12S R8E S10 BT.
	An ironwood, 23 ins. diam., bears S. 61 $\frac{1}{2}$ ° W., 59 lks. dist., marked T12S R8E S9 BT.

Survey of a part of the subdivision lines of T.12 S., R. 8 E.

Chains	An ironwood, 24 ins. diam., bears N.63 $\frac{1}{2}$ °W., 110 lks. dist., marked T12S R8E S4 BT
	Land, mountainous. Soil, rocky, 3rd. and 4th. rates. Timber, palo verde and ironwood. Undergrowth, greasewood.
	N.89°57'E., on a random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	The cor. of secs. 2, 3, 10 and 11. Thence S.89°57'W., on a true line bet. secs. 3 and 10. Over mountainous land, thru scattering timber and undergrowth. Asc. 50 ft. along the top of a spur.
2.15	Intersect line 2-3, Sur. No. 602, True Blue lode, at a point from which Cor. No. 2, identical with Cor. No. 6, Sur. No. 603, Dox Olligy lode, bears S.45°38'E., 3.01 chs. dist.; hereinbefore described. From the same point, Cor. No. 3 of the True Blue lode, bears N.45°38'W., 19.61 chs. dist.; hereinafter described. Thence over patented mineral claims.
3.20	Top of ascent; desc. 338 ft. over a SW. slope.
15.45	Wash, 30 lks. wide, course SE.; asc. 186 ft. over a NE. slope.
20.44	Intersect line 2-3, Sur. No. 2799 Boston Beauty lode, at a point from which Cor. No. 3, identical with Cor. No. 5, Sur. No. 602, True Blue lode, bears N.17°12'E., 5.30 chs. dist.; hereinafter described. From the same point, Cor. No. 2 of the Boston Beauty lode bears S.17°12'W., 3.75 chs. dist.; a redwood post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked B B-2799. Thence over Sur. No. 4157, Equity lode, not patented.
21.70	Spur, slopes SE.; desc. 182 ft. over a steep W. slope.
29.45	Ravine, course S.; asc. 276 ft. over a NE. slope.
33.69	Intersect line 4-1 Sur. No. 2799, Copper Carbonate lode, at a point from which Cor. No. 4, identical with Cor. No. 1, Sur. No. 4157, Equity lode, Cor. No. 4, Sur. No. 4157 Mountain Dew lode and Cor. No. 1 Sur. No. 2799, Georgia lode bears N.7°45'E., 7.02 chs. dist.; an iron pipe, 1 $\frac{1}{2}$ ins. dia. 1 ft. above a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, mkd. E-3-4157, U S M S-4-C C, 1-G; 2- M D 2799. From the same point, Cor. No. 1, identical with Cor. No. 2, Sur. No. 4157, Equity lode, Cor. No. 3, Sur. No. 2799, Copper Price lode and Cor. No. 4, Sur. No. 2799, Azurite lode, bears S.7°45'W., 1.56 chs. dist.; an iron pipe 1 $\frac{1}{2}$ ins. diam., 1 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked U S M S 3-C P, 4-A; 1-C C 2799, 4-E-4157. Thence over patented land.
36.85	Spur, slopes SE.; desc. 50 ft. over a SW. slope.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a marked (X) stone, deposited at the base, and in a mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap marked

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
	$\frac{1}{4}$ <u>S 3</u> S10 1939
40.65	Spur, slopes SW. Desc. 200 ft. over W. slope.
43.80	Trail, bears N. and S.
47.70	Spur, slopes SW. Continue descent.
50.05	Head of a drain, course NW.; asc. 102 ft. over a NE. slope.
54.80	Recross spur, slopes W. from SE.; desc. 250 ft. along top of same.
56.29	Intersect line 2-3 Sur. No. 2799, Copper Carbonate lode, at a point from which Cor. No. 3, identical with Cor. No. 4, Sur. No. 3994, Copperhead No. 6 lode, bears N. 7° 46' E., 7.14 chs. dist.; hereinafter described. From the same point, Cor. No. 2, identical with Cor. No. 3, Sur. No. 2799, Azurite lode, bears S. 7° 46' W., 1.37 chs. dist., hereinafter described. Leave patented mineral claims.
79.96	The cor. of secs. 3, 4, 9 and 10. Land, mountainous. Soil, rocky, 3rd. and 4th. rates. Timber, palo verde and ironwood. Undergrowth, greasewood.
	N. 0° 02' W., on a random line bet. secs. 3 and 4.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temp. 1 mile cor.
104.43	A point 5 lks. E. of the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp.; an iron post, 3 ins. diam., firmly set in a mound of stone to top, 2 ft. base, 1 ft. high, marked and witnessed as described in the official record. Thence S. 0° 04' E., on true line bet. secs. 3 and 4. Over mountainous land, through scattering timber and undergrowth. Over patented mineral land. Desc. 73 ft. over a S. slope.
3.35	Drain, course W.; asc. 176 ft. over a N. slope.
9.60	Spur, slopes W.; desc. 240 ft. over a steep S. slope.
15.95	Wash, 20 lks. wide, course W.; asc. 60 ft. over a NW. slope.
19.40	Spur, slopes W. 3.00 chs. to toe; desc. 40 ft. over a SW. slope.

Survey of a part of the subdivision lines of T.12 S., R.8 E.

Chains

- 24.25 Wash, 25 lks. wide, course NW.
- 24.43 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 mile cor., with brass cap marked
- S4 | S3
|
1 M
1939
- Ascend 235 ft. over a N. slope.
- 36.90 Ridge, bears SE. and W.; desc. 60 ft. over a S. slope.
- 42.40 Draw, drains W.; asc. 57 ft. over a N. slope.
- 45.40 Spur, slopes W.; desc. 179 ft. over a SW. slope.
- 56.60, Spur, slopes W.; desc. over a SW. slope.
- 62.12 U.S.M.M. No.1, bears N.56°42'W., 10.36 chs. dist.; a post 4 ins. sq., 12 ft. long, in a mound of stone 5 ft. base, 5 ft. high.
- 64.43 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap marked
- $\frac{1}{4}$
S4 | S3
|
1939
- Descend 140 ft. over a SW. slope.
- 73.35 Drain, near its head, course W. for 5.00 chs. then SW.; Asc. 55 ft. over a NW. slope.
- 77.10 Short spur, slopes SW.; desc. 140 ft. over a S. slope.
- 77.61 Intersect line 5-1, Sur. No. 2437, Mollie lode at a point from which Cor. No.5 bears N.83°14'E., 22.38 chs. dist.; hereinafter described.
- From the same point, Cor. No.1, identical with Cor. No.2 Sur. No. 1818, Prospector lode and Cor. No.2, Sur. No. 2434, Queen lode, bears S.83°14'W., 0.28 chs. dist.; hereinafter described.
- Leave patented mineral claims.
- 81.25 Wash, 15 lks. wide, course W.; asc. 112 ft. over a N. slope.
- 86.45 Spur, slopes SW.; desc. 191 ft. over a S. slope.
- 88.33 Intersect line 4-1, Sur. No.3994, Copperhead No.1 lode, at a point from which Cor. No.1 bears N.89°57'E., 1.73 chs. dist.; an iron pipe, 1 in. diam., 1 ft. above a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, with galvanized cap marked 3992-C H-1.
- From the same point, Cor. No.4 bears S.89°57'W., 20.95 chs. dist.; an iron pipe, 1 in. diam., 1 ft. above a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, with a galvanized cap marked 3994-4-C H 4.

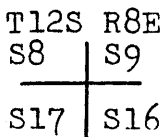
Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
	Thence over Mineral Sur. No. 3994, not patented.
101.50	Wash, 25 lks. wide, course N.70°W.; asc. 66 ft. over a N. slope.
104.43	The cor. of secs. 3, 4, 9 and 10. Land, mountainous. Soil, rocky, 3rd. and 4th. rates. Timber, palo verde and ironwood; undergrowth, greasewood.
	The cor. of secs. 16, 17, 20 and 21 is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record. This cor. is located in a line of the Papago Indian Reservation fence, 4 strands of barbed wire, which bears E. and W. N.0°02'W., bet. secs. 16 and 17. Over rolling land, through scattering timber and undergrowth.
0.30	Wash, 40 lks. wide, 3 ft. deep, course S.45°W. Dim road bears NW. and SE.
26.40	Wash, 10 lks. wide, 2 ft. deep, course S.70°W.
34.50	Wash, 20 lks. wide, 2 ft. deep, course S.45°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 marked $\frac{1}{4}$ S17 S16 1939 from which An ironwood, 6 ins. diam., bears N.82°E., 229 lks. dist., marked $\frac{1}{4}$ S 16 BT An ironwood, 8 ins. diam., bears S.7°W., 60 lks. dist., marked $\frac{1}{4}$ S17 BT A bench mark of the U.S.C. and G. Survey, bears N.43°50'W., 19.64 chs. dist.; a brass tablet, 3 ins. diam., set in a cement block, 10x10 ins. sq., 4 ins. above ground, marked P 93 1935
43.20	Dim road, bears N.45°E. and S.45°W.
49.00	Wash, 15 lks. wide, 2 ft. deep, course S.70°W.
55.00	Wash, 50 lks. wide, 2 ft. deep, course S.80°W.; asc. gentle SE. slope.
62.10	Long low spur, slopes S.30°W.; desc. NW. slope.
73.00	Wash, 10 lks. wide, 1 ft. deep, course S.45°W.
77.40	Dim road; bears E. and N.45°W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains

ground for cor. of secs. 8, 9, 16 and 17, with brass cap marked



1939

from which

An ironwood, 6 ins. diam., bears N. 38° E., 204 lks. dist., marked T12S R8E S9 BT.

An ironwood, 3 ins. diam., bears S. 2 3/4° E., 157 lks. dist., marked BT.

An ironwood, 6 ins. diam., bears S. 33 1/2° W., 81 lks. dist., marked T12S R8E S17 BT.

An ironwood, 3 ins. diam., bears N. 22 1/2° W., 54 lks. dist., marked BT.

Land, rolling.
Soil, rocky, 3rd and 4th rates.
Timber, palo verde and ironwood; undergrowth, greasewood.

East, on a random line, bet. secs. 9 and 16.

40.00 Set temp. 1/4 sec. cor.

80.04 The cor. of secs. 9, 10, 15 and 16.

Thence

West, on true line, bet. secs. 9 and 16.

Over rolling land, thru scattering timber and undergrowth.

Ascend gentle E. slope.

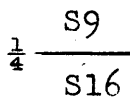
3.00 Low flat spur, slopes S.

15.10 Wash, 8 lks. wide, 1 ft. deep, course S. 45° W.

19.80 Wash, 35 lks. wide, 2 ft. deep, course S. 20° W.

37.10 Wash, 35 lks. wide, 2 ft. deep, course SW.

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



1939

from which

An ironwood, 4 ins. diam., bears S. 25° E., 84 lks. dist., marked 1/4 S16 BT.

An ironwood, 3 ins. diam., bears N. 5 1/4° W., 143 lks. dist., marked BT.

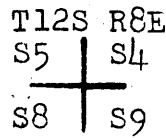
49.90 Wash, 10 lks. wide, 3 ft. deep, course S. 15° W.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
62.00	Low spur, slopes S. 30° W.; desc. 34 ft. over a NW. slope.
67.00	Ravine, course S. 80° W.; asc. 18 ft. over a SE. slope.
80.04	The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, rocky, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.
	N. 0° 02' W., bet. secs. 8 and 9. Over rolling land, thru scattering timber and undergrowth.
4.30	Wash, 10 lks. wide, 1 ft. deep, course S. 25° W.; asc. 40 ft. over a gentle SE. slope.
24.10	Long flat spur, slopes S. 30° W.
31.90	Dim road, bears N. 60° E. and S. 60° W.
35.20	Gulch, 10 lks. wide, 1 ft. deep, course S. 45° W.
37.20	Low flat spur, slopes S. 45° W.; desc. 13 ft. over a NW. slope.
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 marked $\frac{1}{4}$ S8 S9 1939 from which A mesquite, 4 ins. diam., bears N. 81 $\frac{1}{4}$ ° E., 45 lks. dist., marked $\frac{1}{4}$ S9 BT. An ironwood, 7 ins. diam., bears S. 30° W., 88 lks. dist., marked $\frac{1}{4}$ S8 BT.
42.00	Wash, 15 lks. wide, 1 ft. deep, course S. 30° W.; asc. 19 ft. over a SE. slope.
61.20	Dim road, bears N. 30° E. and S. 30° W.
69.20	Dim road bears E. and W.
69.48	A point 4.76 chs. W. of cor. No. 2 Sur. No. 1820 Apache lode, identical with cor. No. 3 Sur. No. 1820 Papago lode; a scattered mound of stone. I find no evidence of Cor. No. 3, Apache Lode.
70.70	Gulch, 10 lks. wide, 2 ft. deep, course S. 70° W.
78.80	Low short spur, slopes S. 10° W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 4, 5, 8 and 9, with brass cap marked

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains



1939

raise a mound
of stone 4 ft. base, 3 ft. high, W. of cor.

Land, rolling.
Soil, rocky, 3rd and 4th rates.
Timber, palo verde and ironwood; undergrowth, greasewood.

East, on a random line, bet. secs. 4 and 9.

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

80.12 A point 9 lks. N. of the cor. of secs. 3, 4, 9 and 10.

Thence

N. $89^{\circ} 56'$ W., on true line, bet. secs. 4 and 9.

Over mountainous land, thru scattering timber and undergrowth.

Across Sur. No. 3994, not patented.

Descend 101 ft. over a NW. slope.

11.90 Ravine, course S. 20° W.; asc. 28 ft. over a SE. slope.

14.70 Spur, slopes S. 20° W.; desc. 39 ft. over a W. slope.

19.50 Gulch, 20 lks. wide, 2 ft. deep, course S. 10° W.; asc. 43 ft. over a SE. slope.

29.10 Spur, slopes from N. to S. 45° W.; desc. 48 ft. over a NW. slope.

31.02 Intersect line 2-3 Sur. No. 3994 Copper Hill No. 1 lode at a point from which cor. No. 2, identical with cor. No. 3 Sur. No. 3994 Copperhead No. 3 lode, bears N. $7^{\circ} 46'$ E., 7.04 chs. dist.; an iron pipe 1 in. diam., 20 ins. above a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, with aluminum cap marked 2-C H - 3994, 3-C H-3.

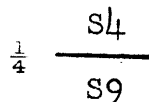
From the same point, cor. No. 3 bears S. $7^{\circ} 46'$ W., 15.50 chs. dist.; an iron pipe, 1 in. diam., 20 ins. above a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, with aluminum cap marked 3-C H- 3994.

Leave Mineral Sur. No. 3994.

32.75 Ravine, near its head, course S. for 5.00 chs. then S. 60° W.; asc. 35 ft. over a SE. slope.

38.10 Spur, slopes S.; desc. 21 ft. over a W. slope.

40.06 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked



1939

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
	Descend 74 ft. over a W. slope.
45.00	Ravine, course S. 15° W.; asc. 69 ft. over a SE. slope.
51.50	Top of ascent; desc. 24 ft. over a S. slope of a spur.
58.20	Top of spur, slopes S. 70° W.; desc. 105 ft. over a NW. slope.
60.95	Intersect line 1-2 Sur, No. 1820 Omaha lode at a point from which cor. No. 2 bears S. 46° 47' E., 1.37 chs. dist.; hereinafter described.
	From the same point cor. No. 1 bears N. 46° 47' W., 21.42 chs. dist.; hereinafter described.
	Thence, across Sur. No. 1820, patented.
64.65	Dim road, bears N. 80° W. and S.
74.40	Recross road, bears N. 70° E. and S. 20° W.
78.60	Gulch, 35 lks. wide, 2 ft. deep, course S. 20° W.; asc. 11 ft. over an E. slope.
79.00	Low short spur, slopes S. 10° W. Old road, bears N. 70° W. and S. 45° E.
80.12	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.
	N. 0° 04' W., on a random line, bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temp. lot cor.
104.37	A point 15 lks. W. of the cor. of secs. 4, 5, 32 and 33; ^{on the N. body of the T.P.} an iron post, 3 ins. diam., 8 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Thence
	S. 0° 01' W., on true line bet. secs. 4 and 5.
	Over mountainous land, thru scattering timber and undergrowth.
	Descend 10 ft. over a SW. slope.
0.50	Ravine, course S. 20° E.; asc. 32 ft.
3.90	Top of ascent, descend 134 ft.
13.78	Intersect line 35-36 Sur. No. 1208 Wellington lode at a point from which cor. No. 35, identical with cor. No. 32 sur. No. 1208 Western Slope lode, and cor. No. 11 Sur. No. 1208 Peacock lode, bears N. 81° 08' E., 4.87 chs. dist.; a pine post, 4 ins. sq. 2 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked 35-1208, 32-1208, 11-1208.
	From the same point cor. No. 36 bears S. 81° 08' W., 4.31 chs. dist.; a pine post, 4 ins. sq., 2 ft. above a mound of stone, 3 ft. base, 2 ft. high; marks illegible.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

P. 001 128

Chains	Thence over patented land.
15.80	Ravine, course S. 45° W.; asc. 17 ft. over a NW. slope.
16.80	Short spur, slopes S. 45° W.; desc. 52 ft. over a S. slope.
18.85	Ravine, course S. 70° W.; asc. 124 ft. over a N. slope.
22.50	Spur, slopes W., 15.00 chs. to toe; desc. 37 ft.
23.95	Intersect line 36-37 Sur. No. 1208 Wellington lode at a point from which cor. No. 36 bears N. 24° 08' W., 10.41 chs. dist.; hereinbefore described.
	From the same point cor. No. 37 bears S. 24° 08' E., 12.18 chs. dist.; hereinafter described.
	Leave patented land.
24.05	Old trail, bears E. and W.
24.37	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a mound of stone to top for lot cor., with brass cap marked
	$S5 \frac{1}{10} 3 S4$
	1939
	Descend 13 ft. over a S. slope.
25.35	Ravine, course S. 75° W.; asc. 107 ft. over a N. slope.
30.65	Spur, slopes W. 12.00 chs. to toe; desc. 48 ft. over a S. slope.
34.45	Ravine, course S. 80° W.; asc. 48 ft. over a N. slope.
37.00	Spur, slopes S. 80° W.; desc. 182 ft. over a S. slope.
43.10	Ravine, course W.; asc. 185 ft. over a N. slope.
52.80	Spur, slopes W.; desc. 20 ft. over a SW. slope.
56.40	Ravine, course W.; asc. 70 ft. over a NW. slope.
61.15	Spur, slopes S. 45° W.; desc. 96 ft. over a SE. slope.
64.30	Ravine, course S. 30° W.
64.37	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base and in a mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap marked
	$S5 \frac{1}{4} S4$
	1939
69.55	Spur, slopes S. 45° W.; desc. 194 ft. over a broken SW. slope.
92.07	Intersect line 4 -1 Sur. No. 1820 Omaha lode at a point from which cor. No. 1 bears N. 58° 07' E., 4.28 chs. dist.; hereinafter described.
	<i>identical with Cor. No. 1, Sur. No. 1820, Papago Lode.</i>
	From the same point cor. No. 4 bears S. 58° 07' W., 4.87 chs. dist.; hereinafter described.
	Thence over patented mineral claims.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

<p>Chains 92.65</p> <p>96.80</p> <p>103.40</p> <p>104.37</p>	<p>Gulch, 10 lks. wide, 2 ft. deep, course S. 80° W.; asc. 32 ft. over a NW. slope.</p> <p>Spur, slopes S. 80° W.</p> <p>Old road, bears N. 45° W. and SE.</p> <p>The cor. of secs. 4, 5, 8 and 9.</p> <p>Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber palo verde and ironwood; undergrowth, greasewood.</p>																					
	<p>From the cor. of secs. 17, 18, 19 and 20; an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record. This cor. is located in the line of the Papago Indian reservation fence (4 strand barbed wire) which bears E. and W.</p> <p>N. 0° 03' W.. bet. secs. 17 and 18.</p> <p>Over rolling land, thru scattering timber and undergrowth.</p> <p>2.60 Wash, 15 lks. wide, course SW.</p> <p>20.20 Wash, 35 lks. wide, course SW.</p> <p>23.00 Old dim road, bears E. and W.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td></td> <td style="text-align: center;">$\frac{1}{4}$</td> <td></td> </tr> <tr> <td style="text-align: center;">S18</td> <td style="text-align: center;"> </td> <td style="text-align: center;">S17</td> </tr> <tr> <td></td> <td style="text-align: center;">1939</td> <td></td> </tr> </table> <p style="text-align: right;">from which</p> <p>A catclaw, 5 ins diam., bears N. 55$\frac{1}{4}$° E., 150 lks., dist., marked $\frac{1}{4}$ S17 BT.</p> <p>A catclaw, 4 ins. diam., bears N. 18$\frac{1}{4}$° W., 24 lks. dist., marked $\frac{1}{4}$ S18 BT.</p> </div> <p>41.00 Wash, 50 lks. wide, course SW.</p> <p>75.10 Road, bears N. 70° E. and W.</p> <p>79.50 Wash, 20 lks. wide, course S. 80° W.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td></td> <td style="text-align: center;">T12S R8E</td> <td></td> </tr> <tr> <td style="text-align: center;">S7</td> <td style="text-align: center;"> </td> <td style="text-align: center;">S8</td> </tr> <tr> <td></td> <td style="text-align: center;">1939</td> <td></td> </tr> <tr> <td style="text-align: center;">S18</td> <td style="text-align: center;"> </td> <td style="text-align: center;">S17</td> </tr> </table> <p style="text-align: right;">from which</p> <p>An ironwood, 4 ins. diam., bears N. 16$\frac{1}{4}$° E., 171 lks. dist., marked T12S R8E S8 BT.</p> <p>An ironwood, 4 ins. diam., bears S. 65$\frac{3}{4}$° E., 241 lks. dist., marked T12S R8E S17 BT.</p> </div>		$\frac{1}{4}$		S18		S17		1939			T12S R8E		S7		S8		1939		S18		S17
	$\frac{1}{4}$																					
S18		S17																				
	1939																					
	T12S R8E																					
S7		S8																				
	1939																					
S18		S17																				

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains

An ironwood, 8 ins diam., bears S. 80³/₄° W., 271 lks. dist., marked T12S R8E S18 BT.

An ironwood, 8 ins. diam., bears N. 41° W., 142 lks. dist., marked T12S R8E S7 BT.

Land, rolling.
Soil, rocky, 3rd and 4th rates.
Timber, palo verde and ironwood; undergrowth, greasewood.

East, on a random line, bet. secs. 8 and 17.

40.00 Set temp. ¹/₄ sec. cor.

80.08 A point 7 lks. S. of the cor. of secs. 8, 9, 16 and 17.

Thence

S. 89° 57' W., on true line, bet. secs. 8 and 17.

Over rolling land, thru scattering timber and heavy undergrowth.

0.70 Wash, 20 lks. wide, course S.

2.70 Road, bears N. 30° W. and S. 30° E.

12.05 Road, bears N. 20° E. and S. 20° W.

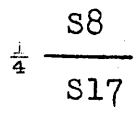
27.60 Wash, 25 lks. wide, course S. 60° W.

29.20 Recross wash, course N. 70° W.

32.70 Recross wash, course SW.

34.10 Road, bears N. 60° E. and S. 60° W.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 2 7 ins. in the ground for ¹/₄ sec. cor. with brass cap marked



1939

from which

An ironwood, 4 ins. diam., bears N. 11¹/₂° W., 49 lks. dist., marked ¹/₄ S8 BT.

An ironwood, 8 ins. diam., bears S. 71° W., 41 lks. dist., marked ¹/₄ S17 BT.

74.45 Road, bears SW. and NE.

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

80.08 The cor. of secs. 7, 8, 17 and 18.

Land, rolling.
Soil, rocky, 3rd and 4th rates.
Timber, palo verde and ironwood; undergrowth, greasewood.

N. 89° 56' W., on a random line, bet. secs. 7 and 18.

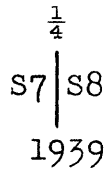
40.00 Set temp. ¹/₄ sec. cor.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
80.00	Set temp. lot cor.
86.45	A point 2 lks. S. of the cor. of secs. 7, 12, 13 and 18; <i>on the W. bdy. of the tp.</i> an iron post, 2 ins. diam., 4 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Thence
	S. 89° 55' E., on true line bet. secs. 7 and 18.
	Over rolling land, thru scattering timber and heavy undergrowth.
0.95	Wash, 30 lks. wide, course S. 30° W.
6.45	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 lot cor., with brass cap marked
	$\begin{array}{c} \text{S7} \\ 7 \quad \quad 8 \\ \hline 2 \quad \quad 1 \\ \text{S18} \end{array}$
	1939
14.15	Road, bears N. 20° E. and S. 20° W.
37.55	Wash, 25 lks. wide, course S. 65° W.
46.45	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{\frac{1}{4}}{\text{S18}} \text{S7}$
	1939
	from which
	An ironwood, 4 ins. diam., bears N. 14 $\frac{1}{2}$ ° W., 155 lks. dist., marked $\frac{1}{4}$ S7 BT.
	An ironwood, 6 ins. diam., bears S. 11 $\frac{1}{2}$ ° E., 65 lks. dist., marked $\frac{1}{4}$ S18 BT.
59.95	Old dim road, bears N. 60° E. and S. 60° W.
64.15	Road, bears N. and S.
68.75	Recross wash, course N. 60° W.
78.15	Recross wash, course S. 70° W.
84.45	Recross wash, course N. 70° W.
86.45	The cor. of secs. 7, 8, 17 and 18.
	Land, rolling. Soil, rocky, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.
	N. 0° 03' W., bet. secs. 7 and 8.
	Over rolling land, thru scattering timber and undergrowth.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

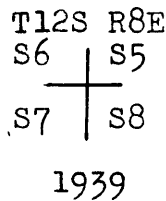
- Chains
- 9.20 Wash, 10 lks. wide, course W.
- 11.70 Road, bears N. 60° E. and S. 60° W.
- 23.50 Wash, 20 lks. wide, course W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked



from which

- An ironwood, 4 ins. diam., bears S. 52 $\frac{1}{2}$ ° E., 115 lks. dist., marked $\frac{1}{4}$ S8 BT.
- An ironwood, 3 ins. diam., bears S. 38 $\frac{1}{2}$ ° W., 118 lks. dist., marked $\frac{1}{4}$ S7 BT.

- 46.80 Road, bears N. 80° E. and S. 80° W.
- 59.70 Wash, 20 lks. wide, course W.
- 67.60 Wash, 20 lks. wide, course W.
- 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. 5, 6, 7 and 8 with brass cap marked



from which

- An ironwood, 4 ins. diam., bears N. 63 $\frac{1}{2}$ ° E., 111 lks. dist., marked T12S R8E S5 BT.
- An ironwood, 4 ins. diam., bears S. 86 $\frac{1}{2}$ ° E., 100 lks. dist., marked T12S R8E S8 BT.
- An ironwood, 3 ins. diam., bears S. 12° W., 308 lks. dist., marked BT.
- An ironwood, 4 ins. diam., bears N. 31 $\frac{1}{2}$ ° W., 109 lks. dist., marked T12S R8E S6 BT.

Land, rolling.
Soil, rocky, 3rd and 4th rates.
Timber, palo verde and ironwood; undergrowth, greasewood.

- N. 89° 57' E., on a random line, bet. secs. 5 and 8.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.12 A point 5 lks. S. of the cor. of secs. 4, 5, 8 and 9.
Thence
S. 89° 55' W., on true line bet. secs. 5 and 8.
Over rolling land, thru scattering timber and undergrowth.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
11.30	Road, bears N. 70° W. and S. 60° E.
11.45	East edge of a slag dump bears N. 70° W. and S. 60° E.
19.55	A point 0.23 chs. S. of cor. No. 4 Sur. No. 1820 Apache lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 5 ft. base, 2 ft. high; marks illegible.
24.20	West edge of slag dump.
24.70	Wash, 20 lks. wide, course SW.
40.06	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 marked
	$\frac{1}{4} \frac{S5}{S8}$
	1939
	from which
	An ironwood, 4 ins. diam., bears N. 34° W., 101 lks. dist., marked $\frac{1}{4}$ S5 BT.
	An ironwood, 4 ins. diam., bears S. 14 $\frac{3}{4}$ ° E., 216 lks. dist., marked $\frac{1}{4}$ S8 BT.
80.12	The cor. of secs. 5, 6, 7 and 8. Land, rolling. Soil, rocky, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.
	N. 89° 55' W., on a random line, bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temp. lot cor.
86.37	A point 7 lks. N. of the cor. of secs. 1, 6, 7 and 12, <i>on the W. bdy. of the T.P.</i> which is an iron post, 2 ins. diam., 9 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Thence
	S. 89° 58' E., on true line, bet. secs. 6 and 7.
	Over rolling land, thru scattering timber and undergrowth.
6.37	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for lot cor., with brass cap marked
	$\begin{array}{c} S6 \\ 16 \quad \quad 15 \\ \hline 2 \quad \quad 1 \\ S7 \\ 1939 \end{array}$
46.37	Dig pits 18x18x12 ins. E. and W. of post, 3 ft. dist. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S6}{S7}$
	1939

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	from which
	An ironwood, 3 ins. diam., bears N. $19\frac{1}{4}^\circ$ W., 23 lks. dist., marked $\frac{1}{4}$ S6 BT.
	An ironwood, 5 ins. diam., bears S. $86\frac{1}{2}^\circ$ W., 166 lks. dist., marked $\frac{1}{4}$ S7 BT.
81.40	Low spur, slopes S. 80° W.
86.37	The cor. of secs. 5, 6, 7 and 8. Land, rolling. Soil, rocky, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.
<hr/>	
	N. $0^\circ 01'$ E., on a random line, bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temp. lot cor.
104.54	A point 5 lks. W. of the cor. of secs. 5, 6, 31 and 32; <i>on the N. bdy. of the T.</i> an iron post, 3 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Thence
	S. $0^\circ 03'$ W., on true line, bet. secs 5 and 6. Over rolling land, thru scattering timber and undergrowth.
13.90	Road, bears E. and S. 70° W. on top of a spur, slopes S. 70° W.
21.75	Wash, 40 lks. wide, course S. 80° W.
24.54	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 lot cor., with brass cap marked
	$\begin{array}{c} 1 \quad 5 \\ S6 \quad \quad S5 \\ 10 \quad 6 \end{array}$ <p>1939</p>
39.35	Wash, 15 lks. wide, course W.; asc. 34 ft. over a N. slope.
45.00	Spur, slopes W.; desc. 29 ft. over a S. slope.
51.25	Wash, 30 lks. wide, course W.; asc. 23 ft. over a N. slope.
57.55	Low spur, slopes S. 80° W.
64.54	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{c} \frac{1}{4} \\ S6 \quad \quad S5 \\ 1939 \end{array}$
	from which
	An ironwood, 4 ins. diam., bears N. $62\frac{1}{2}^\circ$ E., 97 lks. dist., marked $\frac{1}{4}$ S5 BT.

Survey of a part of the subdivision lines of T. 12 S., R. 8 E.

Chains	
	An ironwood, 4 ins. diam., bears S. 17 $\frac{1}{2}$ ° W., 67 lks. dist., marked $\frac{1}{4}$ S6 BT.
68.05	Low spur, slopes S. 60° W.
74.05	Wash, 20 lks. wide, course W.
76.65	Wash, 25 lks. wide, course W. for 2.00 chs. then SW.
92.55	Wash, 30 lks. wide, course W.
101.50	Low spur, slopes S. 60° W.
104.54	The cor. of secs. 5, 6, 7 and 8. Land, mountainous. Soil, rocky, 3rd and 4th rates. Timber, palo verde and ironwood; undergrowth, greasewood.
Retracement of lines of mineral surveys.	
	Cor. No. 4 Sur. No. 1820 Omaha lode, identical with Cor. No. 1 Sur. No. 1820 Papago lode is an iron pipe, 1 in. diam., 2 ft. above ground, unmarked.
	Thence
	N. 58° 07' E., along line 4-1 Sur. No. 1820 Omaha lode.
✓ 9.15	Cor. No. 1 Sur. No. 1820 Omaha lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marks illegible.
	Thence
	S. 46° 47' E., along line 1-2 Sur. No. 1820 Omaha lode.
9.41	Cor. No. 3 Sur. No. 1926 Percy lode; a scattered mound of stone.
18.63	Cor. No. 4 Sur. No. 1926 Percy lode; a pine post, 4 ins. sq., 16 ins. above a mound of stone, 4 ft. base, 4 ft. high, marked 1926-P.
22.79	Cor. No. 2 Sur. No. 1820 Omaha lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marks illegible.
	From Cor. No. 3 Sur, No. 1926 Percy lode; hereinbefore described.
	N. 30° 09' E., along line 3-2 Sur. No. 1926 Percy lode.
21.63	Cor. No. 2 Sur. No. 1926 Percy lode; a pine post, 4 ins. sq., 2 ft. above a mound of stone, 3 ft. base, 2 ft. high, marks illegible.
	Thence
	S. 47° 04' E., along line 2-1 Sur. No. 1926 Percy lode.
✓ 9.08	Cor. No. 1 Sur. No. 1926 Percy lode, identical with Cor. No. 3 Sur. No. 1820 Baltimore lode and Cor. No. 4 Sur. No. 1820 Swansea lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 $\frac{1}{2}$ ft. high, marked 1820. Other marks illegible.

Retracement of lines of mineral surveys.

Chains	
	Thence N. 0° 11' W., along line, 3-4 Sur. No. 1820 Baltimore lode.
22.68	Cor. No. 4 Sur. No. 1820 Baltimore lode; a badly decayed pine post, in a mound of stone, 4 ft. base, 2 ft. high, marks illegible.
	Thence N. 89° 50' E., along line 4-1 Sur. No. 1820 Baltimore lode.
9.11	Cor. No. 1 Sur, No. 1820 Baltimore lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1½ ft. high, marks illegible. Cor. No. 2 Sur. No. 1820 Detroit lode is a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked 1820.
	Thence N. 23° 34' W., along line 2-3 Sur. No. 1820 Detroit lode.
4.53	Intersect line 4-1 Sur. No. 1820 Baltimore lode at a point from which Cor. No. 1 bears N. 89° 50' E., 4.55 chs. dist.; hereinbefore described. From the same point Cor. No. 4 bears S. 89° 50' W., 4.56 chs. dist.; hereinbefore described.
9.05	Cor. No. 3 of Sur. No. 1820 Detroit lode; a pine post, 4 ins. sq., 18 ins. above a mound of stone, 3 ft. base, 2 ft. high, marks illegible.
	Thence N. 74° 44' E., along line 3-4 Sur. No. 1820 Detroit lode.
22.60	Cor. No. 4 Sur. 1820 Detroit lode; a badly decayed pine post in a scattered mound of stone, marks illegible. Cor. No. 2 Sur. No. 2432 Frank B lode is a pine post, 4 ins. sq., 18 ins. above a mound of stone, 5 ft. base, 2½ ft. high, marked SW and NW, other marks illegible.
	Thence N. 26° 26' W., along line 2-3 Sur. No. 2432 Frank B lode.
9.97	Intersect line 3-4 Sur. No. 1820 Detroit lode at a point from which Cor. No. 4 bears N. 74° 44' E., 9.50 chs. dist.; hereinbefore described. From the same point Cor. No 3 bears S. 74° 44' W., 13.10 chs. dist.; hereinbefore described.
21.78	Cor. No. 3 Sur. No. 2432 Frank B lode; a pine post, 4 ins. sq., 1½ ft. above a mound of stone, 5 ft. base, 3 ft. high, marks illegible. Cor. No. 1 Sur. No. 2432 Hilda lode, identical with Cor. No. 4 Sur. No. 2432 Frank B lode is a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marks illegible.
	Thence S. 77° 41' W., along line 1-2 Sur. No. 2432 Hilda lode.

Retracement of lines of mineral surveys.

Chains	
9.09	Cor. No. 3 Sur. No. 2432 Frank B lode; hereinbefore described. ✓
22.72	Cor. No. 2 Sur. No. 2432 Hilda lode; a pine post, 4 ins. sq., 1½ ft. above a mound of stone, 4 ft. base, 3 ft. high, marked S W-COR- Hilda.
	Thence
	N. 21° 52' W., along line 2-3 Sur. No. 2432 Hilda lode.
9.16	Cor. No. 3 Sur. No. 2432 Hilda lode; a pine post, 4 ins. sq., 2 ft. above a mound of stone, 3 ft. base, 3 ft. high, marked 3-2432-H.
	Thence
	N. 77° 37' E., along line 3-4 Sur. No. 2432 Hilda lode.
22.75	True point for Cor. No. 4 Sur. No. 2432 Hilda lode, in a wash, 10 lks. wide, course NW., from which the original bearing object; a basalt boulder, 10x10 ins. sq., 8 ins. above ground, bears S. 2° 10' W., 69 lks. dist., marked BXR-4-2432.
	Cor. No. 25 Sur. No. 1208 Mount Hope lode is a pine post, 4 ins. sq., 4 ft. above a mound of stone, 4 ft. base, 2 ft. high, marked 25-1208.
	Thence
	S. 80° 02' W., along line 25-28 of Sur. No. 1208 Mount Hope lode.
3.39	Intersect line 3-4 Sur. No. 2432 Hilda lode at a point from which Cor. No. 3 bears S. 77° 37' W., 9.95 chs. dist.; hereinbefore described.
	From the same point the true point for Cor. No. 4 bears N. 77° 37' E., 12.80 chs. dist.; hereinbefore described.
9.25	Cor. No. 28 Sur. No. 1208 Mount Hope lode; a pine post, 4 ins. sq., 4 ft. above a mound of stone, 4 ft. base, 2 ft. high, marked 28-1208.
	Thence
	N. 19° 20' W., along line 28-27 Sur. No. 1208 Mount Hope lode.
4.24	Cor. No. 29 Sur. No. 1208 Western Slope lode; a pine post, 4 ins. sq., 3 ft. above a mound of stone, 4 ft. base, 3 ft. high, marked W S-29-1208.
	Thence
	S. 81° 00' W., along line 29-33 Sur. No. 1208 Western slope lode.
9.34	Cor. No. 33 Sur. No. 1208 Western slope lode, identical with Cor. No. 34 Sur. No. 1208 Wellington lode; a scattered mound of stone.
	Thence
	S. 81° 00' W., along line 34-37 Sur. No. 1208 Wellington lode.
9.78	Cor. No. 37 Sur. No. 1208 Wellington lode; a pine post, 4 ins. sq., 4 ft. above a mound of stone, 3 ft. base, 2 ft.

Retracement of lines of mineral surveys.

Chains	
	high, marked W-37-1208.- Thence N.24°08'W., along line 37-36, Sur. No. 1208, Wellington lode.
18.83	Find no evidence of Cor. No.2, Sur.No.1208B, Peacock Mill Site.
21.27	Cor. No. 3, Sur. No.1208B, Peacock Mill Site; a pine post, 4 ins. sq., 3 ft. above a mound of stone, 4 ft. base, 2 ft. high, marks illegible.
22.59	Cor. No. 36, Sur. No. 1208, Wellington lode, hereinbefore described. Thence N.81°08'E., along line 36-35, Sur. No. 1208, Wellington lode.
9.18	Cor. No. 35, Sur. No. 1208, Wellington lode, identical with Cor. No. 32, Sur. No 1208, Western Slope lode and Cor.No. 11, Sur. No. 1208, Peacock lode, hereinbefore described. Thence N.17°59'W., along line 11-10, Sur. No. 1208, Peacock lode.
13.70	Intersect the N. bdy. of the Tp. at a point from which the cor. of secs. 4, 5, 32-and 33, bears W., 57 lks. dist.; an iron post, 3 ins. diam., 18 ins. above ground, in a mound of stone, 2 ft. base, 1 ft. high, marked and witnessed as described in the official record.
22.48	Cor. No.10, Sur. No. 1208, Peacock lode; a pine post, 4 ins. sq., 2 ft. above a mound of stone, 4 ft. base, 3 ft. high, marked 10-1208. <hr/> Cor. No. 3, Sur. No. 1820, Swansea lode, is a pine post, 4 ins. sq., 2 ft. above a mound of stone, 4 ft. base, 1 ft. high, marked 3-1820. Thence N.89°50'E., along line 3-2, Sur. No.1820, Swansea lode.
1.23	Intersect line 1-2, Sur. No. 1820, Omaha lode, at a point from which Cor. No. 2, bears S.46°47'E., 3.12 chs. dist.; hereinbefore described.
9.05	Cor. No. 2, Sur. No. 1820, Swansea lode; a mound of stone, 3 ft. base, 2 ft. high. Thence N.29°49'E., along line 2-1, Sur. No. 1820, Swansea lode.
22.67	Cor. No. 1, Sur. No. 1820, Swansea lode, identical with Cor. No. 2, Sur. No. 1820, Baltimore lode; a pine post, 4 ins. sq., 18 ins. above a mound of stone, 3 ft. base, 1½ ft. high, marked 1820. Thence

Retracement of lines of mineral surveys.

Chains	
	N.0°08'W., along line 2-1, Sur. No. 1820, Baltimore lode.
22.68	Cor. No. 1, Sur. No. 1820, Baltimore lode, hereinbefore described.
	From Cor. No. 2, Sur. No. 1820, Detroit lode, hereinbefore described,
	N.74°51'E., along line 2-1, Sur. No. 1820, Detroit lode,
2.84	Intersect line 1-2, Sur. No. 1820, Baltimore lode at a point from which Cor. No. 1, bears N.0°08'W., 3.41 chs. dist., hereinbefore described.
	From the same point, Cor. No. 2 bears S.0°08'E., 19.27 chs. dist., hereinbefore described.
13.55	Intersect line 2-3, Sur. No. 2432, Frank B. lode, at a point from which Cor. No. 2 bears S.26°26'E., 89 lks. dist hereinbefore described.
22.60	Cor. No. 1, Sur. No. 1820, Detroit lode; a pine post, 4 ins. sq., 1 ft. above mound of stone, 3 ft. base, 2 ft. high, marked 1-1820.
	From Cor. No. 2, Sur. No. 2432, Frank B. lode, hereinbefore described,
	N.77°41'E., along line 2-1, Sur. No. 2432, Frank B. lode.
9.09	Cor. No. 1, Sur. No. 2432, Frank B. lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marks illegible.
	Thence
	N.26°26'W., along line 1-4, Sur. No. 2432 Frank B. lode.
1.35	Intersect line 1-2, Sur. No. 1820, Detroit lode at a point from which Cor. No. 1, bears N.74°51'E., 0.07 chs. dist., hereinbefore described.
	From the same point, Cor. No. 2, bears S.74°51'W., 22.53 chs. dist., hereinbefore described.
21.80	Cor. No. 4, Sur. No. 2432, Frank B. lode, identical with Cor. No. 1, Sur. No. 2432, Hilda lode, hereinbefore described.
	From Cor. No. 1, Sur. No. 1820, Detroit lode, hereinbefore described,
	N.23°34'W., along line 1-4, Sur. No. 1820, Detroit lode.
9.09	Cor. No. 4, Sur. No. 1820, Detroit lode, hereinbefore described.
	Cor. No. 3, Sur. No. 1928, Sampson lode, identical with Cor. No. 1, Sur. No. 1928, Hamilton lode, is a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 2 ft. high, marks illegible.
	Thence
	S.33°40'E., along line 3-4, Sur. No. 1928, Sampson lode.

Retracement of lines of mineral surveys.

DK 4248

Chains 11.59	Intersect line 4-1, Sur. No. 1820, Detroit lode, at a point from which Cor. No. 1, bears S.23°34'E., 2.22 chs. dist., hereinbefore described. From the same point, Cor. No. 4, bears N.23°34'W., 6.87 chs. dist., hereinbefore described.
19.79	Cor. No. 4, Sur. No. 1928, Sampson lode, identical with Cor. No. 4, Sur. No. 2434 Queen lode, not patented, a pine post, 4 ins. sq., 2 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked 4-1928 and 4-2434. Thence N.56°11'E., on line 4-1, Sur. No. 1928, Sampson lode.
9.07	Cor. No. 1, Sur. No. 1928, Sampson lode, identical with Cor. No. 1, Sur. No. 2434, Queen lode, Cor. No. 1, Sur. No. 1818, Prospector lode, and Cor. No. 1, Sur. No. 1821, Mammoth Copper Mine lode, a pine post, 4 ins. sq., 2 ft. above a mound of stone, 3 ft. base, 3 ft. high, marked 1-1928 and 1-2434; other marks illegible. Thence S.33°40'E., along line 1-2, Sur. No. 1818, Prospector lode.
22.70	Cor. No. 2, Sur. No. 1818, Prospector lode, identical with Cor. No. 1, Sur. No. 2437, Mollie lode and Cor. No. 2, Sur. No. 2434, Queen lode; a pine post, 4 ins. sq., 10 ins. above a mound of stone, 2 ft. base, 1 ft. high, marks illegible. Thence N.83°14'E., along line 1-5, Sur. No. 2437, Mollie lode.
22.66	Cor. No. 5, Sur. No. 2437, Mollie lode; a redwood post, 4 ins. sq., 3 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked 5-2437. ----- Cor. No. 1, Sur. No. 2799, Nightingale lode is a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marked 1-N-2799. Thence S.30°40'E., along line 1-4, Sur. No. 2799, Nightingale lode.
3.73	Intersect line 5-1, Sur. No. 2437, Mollie lode, at a point from which Cor. No. 1, bears S.83°14'W., 3.78 chs. dist., hereinbefore described.
9.09	Cor. No. 4, Sur. No. 2799, Nightingale lode, identical with Cor. No. 3, Sur. No. 2799, El Plomo lode; a pine post 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. marked 3-E P-2799; other marks illegible. Thence S.30°40'E., along line 3-2, Sur. No. 2799, El Plomo lode.
9.10	Cor. No. 2, Sur. No. 2799, El Plomo lode, identical with Cor. No. 3, Sur. No. 2799, Lead Carbonate lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marked 2-E P and 3-L C.

Retracement of lines of mineral surveys.

Chains

Thence

S.30°40'E., along line 3-2, Sur. No. 2799, Lead Carbonate lode.

- 9.01 Cor. No. 2, Sur. No. 2799, Lead Carbonate lode, a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marked 2-L C-2799.

Thence

N.89°57'E., along line 2-1, Sur. No. 2799, Lead Carbonate lode.

- 0.11 Cor. No. 3, Sur. No. 3994, Copperhead No. 6 lode, identical with Cor. No. 2, Sur. No. 3994, Copperhead No. 5 lode, both unpatented claims; an iron pipe, 1 in. diam., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, with galvanized cap marked 3994-3-C H-6, 2-C H-5.

- 9.20 Cor. No. 4, Sur. No. 3994, Copperhead No. 6 lode, identical with Cor. No. 3, Sur. No. 2799, Copper Carbonate lode, an iron pipe, 1 in. diam., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, with galvanized cap marked 4-C H-6

Thence

S.7°46'W., along line 3-2, Sur. No. 2799, Copper Carbonate lode.

- 8.51 Cor. No. 2, Sur. No. 2799, Copper Carbonate lode, identical with Cor. No. 3, Sur. No. 2799, Azurite lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marks illegible.

Thence

S.7°46'W., along line 3-2, Sur. No. 2799, Azurite lode.

- 9.17 Cor. No. 2, Sur. No. 2799, Azurite lode, identical with Cor. No. 4, Sur. No. 2799, Princess lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marked 4-P-2799.

Thence

S.7°46'W., along line 4-3, Sur. No. 2799, Princess lode.

- 9.16 Cor. No. 3, Sur. No. 2799, Princess lode, a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marked 3-P-2799.

Thence

S.89°40'E., along line 3-2, Sur. No. 2799, Princess lode.

- 14.93 Cor. No. 4, Sur. No. 2799, Copper Butte lode, a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1½ ft. high, marked 4-C B-2799.

Cor. No. 4, Sur. No. 1983, Red Ridge lode is a mound of stone, 3 ft. base, 2 ft. high.

Thence

S.31°40'E., along line 4-3, Sur. No. 1983, Red Ridge lode.

- 15.47 Intersect the N. bdy. of Tp., at a point 5.14 chs. east

Retracement of lines of mineral surveys.

1246

- Chains of the cor. of secs. 3, 4, 33 and 34, an iron post, 3 ins. diam., 30 ins. above ground, in a mound of stone, 3 ft. base, 2 ft. high, with brass cap marked and witnessed as described in the official record.
- 9.195 Cor. No. 3, Sur. No. 1983, Red Ridge lode, a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked S E C R R on SW. and 3-1983 on NW. face.
-
- From Cor. No. 4, Sur. No. 1983, Red Ridge lode, hereinbefore described,
- S. 66°38'W., along line 4-1 of the Red Ridge lode.
- 11.72 Intersect the N. bdy. of Tp., at a point 8.47 chs. west of the cor. of secs. 3, 4, 33 and 34, described above.
- 22.70 Cor. No. 1, of the Red Ridge lode, which is a mound of stone, with the decayed remains of a wood post.
-
- Cor. No. 4, Sur. No. 1987, Billy lode, is a mound of stone with remains of a wood post.
- Thence
- N.5°59'W., along line 4-1, of the Billy lode.
- 1.67 Intersect line 4-1, of the Red Ridge lode at a point, 19.70 chs. S.66°38'W. of its Cor. No.4.
- 4.85 Intersect the N. bdy. of Tp., at a point 16.13 chs. W. of cor. of secs. 3, 4, 33 and 34, described above.
- 22.33 Cor. No. 1, of the Billy lode, a mound of stone, with the remains of a wood post.
-
- Cor. No. 4, Sur. No. 1814, Enterprise lode, is a pine post 4 ins. sq., 6 ins. above a mound of stone, 3 ft. base, 1 ft. high, marked 4-1814.
- Thence
- N.66°45'E., along line 4-3, of the Enterprise lode.
- 18.70 Intersect line 3-4, Sur. No. 1983, Red Ridge lode, at a point from which Cor. No. 3, bears S.31°40'E., 0.045 chs. dist., hereinbefore described.
- 22.67 Cor. No. 3, Sur. No. 1814, Enterprise lode, a pine post, 4 ins. sq., 6 ins. above a mound of stone, 3 ft. base, 1 ft. high, marked 3-1814.
- Thence
- S.27°50'E., along line 3-2, Sur. No. 1814, Enterprise lode
- 9.03 Cor. No. 2, Sur. No. 1814, Enterprise lode, identical with Cor. No. 3; Sur. No. 1814, Northern lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1½ ft. high, marks illegible.
- Thence
- S.27°50'E., along line 3-2, of the Northern lode.

Retracement of lines of mineral surveys.

Chains	
4.14	Cor. No. 2, Sur. No. 1814, Northern lode, identical with Cor. No. 3, Sur. No. 1814, Alliance lode; a pine post, 4 ins. sq., 6 ins. above a mound of stone, 3 ft. base, 1 ft. high, marks illegible.
	Thence
	S.27°50'E., along line 3-2, Sur. No. 1814, Alliance lode.
9.10	Cor. No. 2, Sur. No. 1814, Alliance lode; a pine post, 4 ins. sq., 6 ins. above a mound of stone, 3 ft. base, 2 ft. high, marked 2-1814.
	Thence
	N.66°44'E., along line 2-3, Sur. No. 2435, Protection lode.
4.00	Cor. No. 3, Sur. No. 2435, Protection lode; a pine post, 4 ins. sq., 6 ins. above a mound of stone, 3 ft. base, 2 ft. high, marked N-E-C-P-2435.
	Thence
	S.33°40'E., along line 3-4, of the Protection lode.
9.15	Cor. No. 4, of the Protection lode; a decayed pine post, in a mound of stone, 3 ft. base, 2 ft. high, marks illegible.
	Thence
	N.66°44'E., along line 2-3, Sur. No. 2435, Chance lode.
0.57	Cor. No. 3, Sur. No. 2435, Chance lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked 3-2435.
	Thence
	S.33°40'E., along line 3-4, of the Chance lode.
9.20	Cor. No. 4, Sur. No. 2435, Chance lode; a pine post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1½ ft. high, marked 4-2435 and S E C C
	Thence
	S.66°57'W., along line 4-1, Sur. No. 2435, Chance lode.
22.57	Cor. No. 1, Sur. No. 2435, Chance lode; a decayed pine post in a mound of stone, 3 ft. base, 1 ft. high, marks illegible.

	Cor. No. 1, Sur. No. 2435, Long Shot lode, is a decayed pine post in a mound of stone, 3 ft. base, 1 ft. high, marks illegible.
	Thence
	N.83°15'E., along line 1-2, Sur. No. 2435, Long Shot lode.
10.24	Intersect line 4-1, Sur. No. 2435, Chance lode, at a point from which Cor. No. 4, bears N.66°57'E., 6.96 chs. dist., hereinbefore described.
22.62	Cor. No. 2, Sur. No. 2435, Long Shot lode; a pine post, 4

Retracement of lines of mineral surveys.

Chains	ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1½ ft. high, marked N-E-C-L S-1-2435.

	From Cor. No. 2, Sur. No. 602, True Blue lode, identical with Cor. No. 6, Sur. No. 603, Dox Olligy lode, hereinbefore described,
	N.45°38'W., along line 2-3, Sur. No. 602, True Blue lode.
22.62	Cor. No. 3, Sur. No. 602, True Blue lode; a redwood post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1 ft. high, marked T B No 111.
	Thence
	S.17°12'W., along line 3-4-5, Sur. No. 602, True Blue lode.
0.77	Cor. No. 4, Sur. No. 2799, Sampson lode, not patented; a redwood post, 4 ins. sq., 2 ft. above a mound of stone, 3 ft. base, 2 ft. high, marked 4-S-2799.
4.56	Cor. No. 4, Sur. No. 602, True Blue lode; a redwood post, 4 ins. sq., 4 ft. above ground, in a mound of stone, marked T B No 1V
5.30	The S. end center cor. Sur. No. 2799, Sampson lode; a redwood post, 2 x 4 ins., 3 ft. above ground, in a mound of stone; marks not legible.
9.12	Cor. No. 5, Sur. No. 602, True Blue lode, identical with Cor. No. 3, Sur. No. 2799, Boston Beauty lode; a redwood post, 4 ins. sq., 1 ft. above a mound of stone, 3 ft. base, 1½ ft. high, marks illegible.
	Thence
	S.17°12'W., along line 3-2, Sur. No. 2799, Boston Beauty lode.
.75	Cor. No. 1, Sur. No. 2799, Sampson lode; a mound of stone, 3 ft. base, 2 ft. high.
3.96	Intersect line 1-2, Sur. No. 2799, Boston Boy lode, at a point from which Cor. No. 2, identical with Cor. No. 3, Sur. No. 4157, Mountain Dew lode, not patented, bears N.65°41'W., 5.13 chs. dist.; an iron post, 1½ ins. diam., 2½ ft. above ground, with lead cap marked U S M S 4157 2 M D Sur 2799-2 B B.
9.05	Cor. No. 2, Sur. No. 2799, Boston Beauty lode, hereinbefore described.
	Thence
	S.45°38'E., along line 2-1, of the Boston Beauty lode.
22.65	Cor. No. 1, Sur. No. 2799, Boston Beauty lode; a pine post 4 ins. sq., 2 ft. above ground, in mound of stone, marked 1 B B on NW. face and 2799 on NE. face.

	Cor. No. 4, Sur. No. 2799, Copper Price lode, identical with Cor. No. 2, Sur. No. 2799, Stone Cabin lode and Cor. No. 3, Sur. No. 4157, Equity lode, not patented, is an iron post, 1½ ins. diam., 3 ft. above ground, in mound of stone, with lead cap marked U S M S 1 E 4157 and 2 S C 2799.

Retracement of lines of mineral surveys.

Chains

Thence

N.65°48'W., along line 4-3 of the Copper Price lode, which is line 3-2 of the Equity lode.

1.63 Intersect line 1-2, Sur. 2799, Boston Beauty lode, at a point from which Cor. No. 1, bears S.45°38'E., 13.48½ chs. dist., hereinbefore described.

22.32 Cor. No. 3, Sur. No. 2799, Copper Price lode, identical with Cor. No. 4, Azurite lode, Cor. No. 1, Copper Carbonate lode and Cor. No. 2, Sur. No. 4157, Equity lode, hereinbefore described.

Final Test of Buff Transit No.18002.
Ty White, Surveyor.

March 27, 1939, on the meridian, determined as hereinbefore outlined, I test the solar apparatus as follows:

At 9:00 a.m., app. t., I set off 32°22½'N. on the lat. arc; 2°26½'N. on the decl. arc; and determine a meridian with the solar, which I find to agree with the meridian obtained by Polaris observation.

At app. noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is 2°29½'N., which agrees with the computed declination of the sun.

At 3:00 p.m., app. t., with the lat. arc unchanged, I set off 2°32½'N., on the declination arc; and determine a meridian with the solar, which also agrees with the Polaris meridian.

As all of the observations taken during the usual hours of solar work agree with the true meridian within 1' of arc, I conclude that the instrument has been maintained in satisfactory adjustment.

Final test of Gurley Transit, No. 371537.
Raymond F. Moss, Public Land Surveyor.

March 27, 1939, on the meridian, determined by observation on Polaris, as hereinbefore described, at 9h00m a.m. and again at 3h00m p.m., app. t., with the proper settings on the arcs of the solar attachment, I orient the instrument with the solar, and ascertain that the resulting determinations, when compared with the Polaris meridian, have a maximum error of less than 1'30".

General Description.

The part of T.12 S., R.8 E., surveyed under this assignment, lies mostly on the south slope of the Silver Mountain Range. Sections 1 to 5, inclusive and sections 11 and 12 are extremely rough and mountainous. Sections 9, 10, 13, 14, 15 and 16 are in high rolling hills, and the remaining sections are of gently rolling desert character. The north portion of secs. 1 and 2 drains to the north

BOOK 4240

and east; the east half of secs. 11 and 14 and all of secs. 12 and 13 drain to the east; the remainder of the area drains in a southwesterly direction.

The soil on the rolling slopes is a combination of volcanic ash and granite sand, second and third rates. On the higher mountains the soil is third and fourth rates. The entire area is covered with a heavy growth of palo verde, catclaw, mesquite, ironwood, greasewood, ocotillo, and cacti. A heavy growth of saguaro or giant cactus is prevalent throughout most of the township.

Sections 3, 4, 5, 8, 9, 10, and 11 are highly mineralized, copper and silver ore predominating. These areas have been mined intensely in past years, but no mines are operating at the present time. Most of the mill structures and mining machinery have been removed from the properties. Approximately half of secs. 3, 4, 10 and 11 are patented mineral lands.

There is one homesteader located in the SW $\frac{1}{4}$ of sec. 13. The improvements consist of a well with gasoline pump, concrete water trough, concrete water tank, a corral and a small building.

The Papago Indian Reservation boundary fence runs along the south and west boundaries of the area surveyed. The south and west portions are traversed by numerous old roads, some of which were graded when the mines were operating, but are seldom used at the present time. There are two Mexican cemeteries in section 5, each containing some 25 or 30 graves. One is located in the north central part of the section and the other in the southeast quarter.

Other than mining, stock grazing seems to be the only industry engaged in.

54
49

BOOK 4248

CERTIFICATE OF SURVEYOR

We, Ty White, Surveyor, and Raymond F. Moss, Public Land Surveyor, General Land Office, HEREBY CERTIFY upon honor that, in

pursuance of special instructions bearing date of the 20th day of October 1938,

received from the district cadastral engineer for Arizona, with assignment instructions dated January 12, 1939, we have surveyed a part of the west boundary of T. 12 S., R. 9 E., and surveyed a part of the subdivisional lines of Township 12 South, Range 8 East,

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said resurvey and 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., Jan. 31, 1941

Phoenix, Ariz., July 31, 1940

Ty White
Surveyor
Raymond F. Moss
Public Land Surveyor
General Land Office.

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, April 23, 1942.

The foregoing field notes of the ~~survey~~ resurvey of a part of the west boundary of Township 12 South, Range 8 East, and survey of a part of the subdivisional lines of Township 12 South, Range 8 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Ty White, Surveyor, and Raymond F. Moss, Public Land Surveyor, General Land Office,

under special instructions dated October 20, 1938, and assignment

instructions dated January 12, 1939, having been critically examined, and

the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey and resurvey

therein described, are hereby approved.

Charles A. Johnson
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.

Supervisor of Surveys.