

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

(1)

FIELD NOTES

BOOK 4274

OF SURVEY OF

East and West boundaries of T. 10 S., R. 8 W.

East boundary of T. 10 S., R. 10 W.

West and North boundaries of T. 11 S., R. 9 W.

South, East and West boundaries of T. 11 S., R. 11 W.

East boundary of T. 11 S., R. 13 W.

North boundary of T. 12 S., R. 10 W.

South, West and North boundaries of T. 12 S., R. 12 W.

South and East boundaries of T. 13 S., R. 13 W.

South, West and North boundaries of T. 14 S., R. 12 W.

East boundary of Fractional T. 14 S., R. 14 W.

and

East, West and North boundaries of Fractional T. 15 S., R. 13 W.

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Benjamin J. Kinsey

Cadastral Engineer

and Associate Cadastral Engineer

Under special instructions dated October 27, 1939, which provided for the surveys included under Group No. 230 Arizona bearing the approval of the Commissioner of the General Land Office under date of November 7, 1939

and assignment instructions dated November 6, 1939 and November 4, 1940

Survey commenced January 27, 1940 and November 22, 1940

Survey completed May 7, 1940 and March 27, 1941

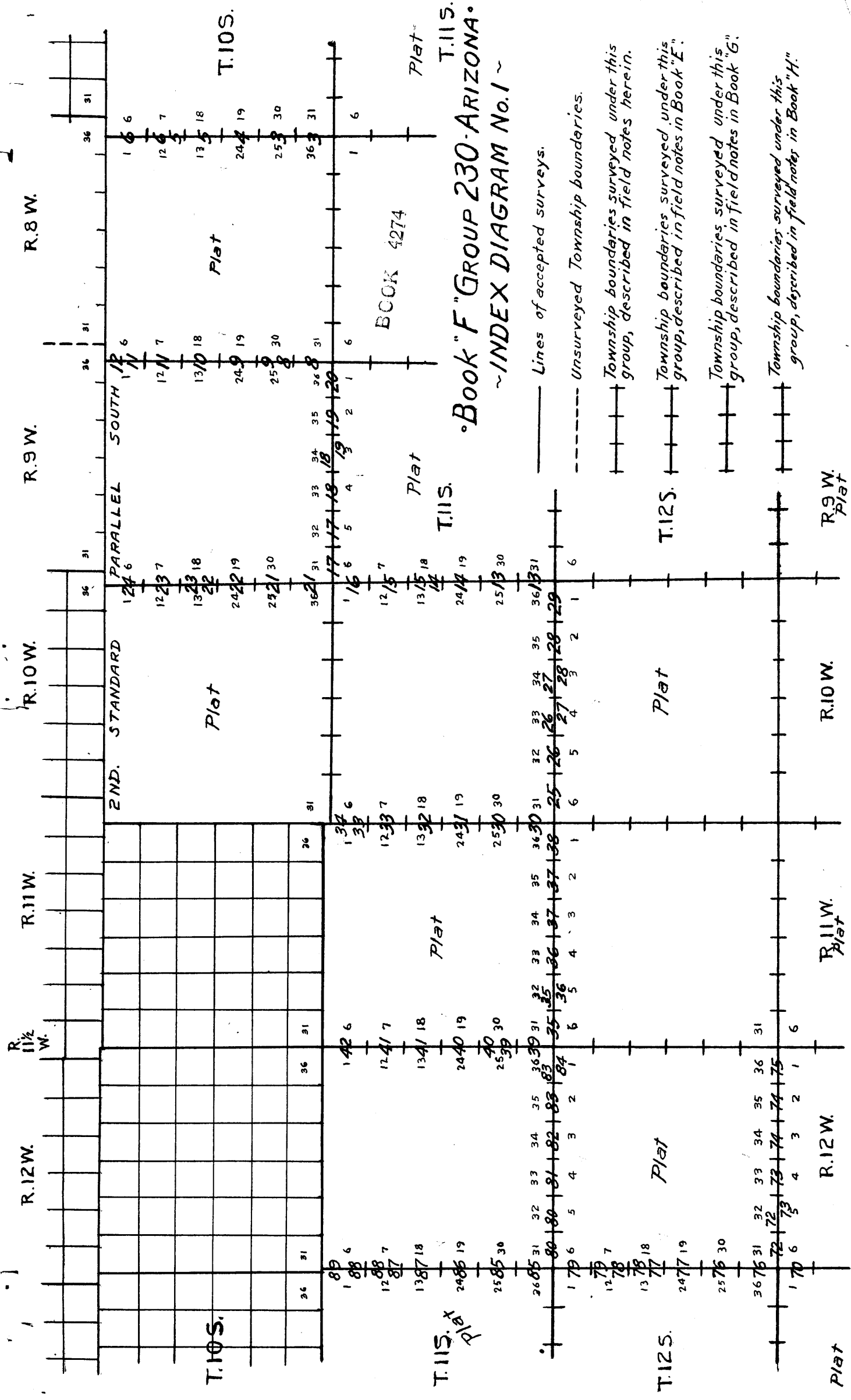
4274

2

# 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 |



Book "F" GROUP 230 ARIZONA.  
 ~ INDEX DIAGRAM No. 1 ~

— Lines of accepted surveys.

- - - - - Unsurveyed Township boundaries.

⊥ Township boundaries surveyed under this group, described in field notes herein.

⊥ Township boundaries surveyed under this group, described in field notes in Book "E".

⊥ Township boundaries surveyed under this group, described in field notes in Book "G".

⊥ Township boundaries surveyed under this group, described in field notes in Book "H".

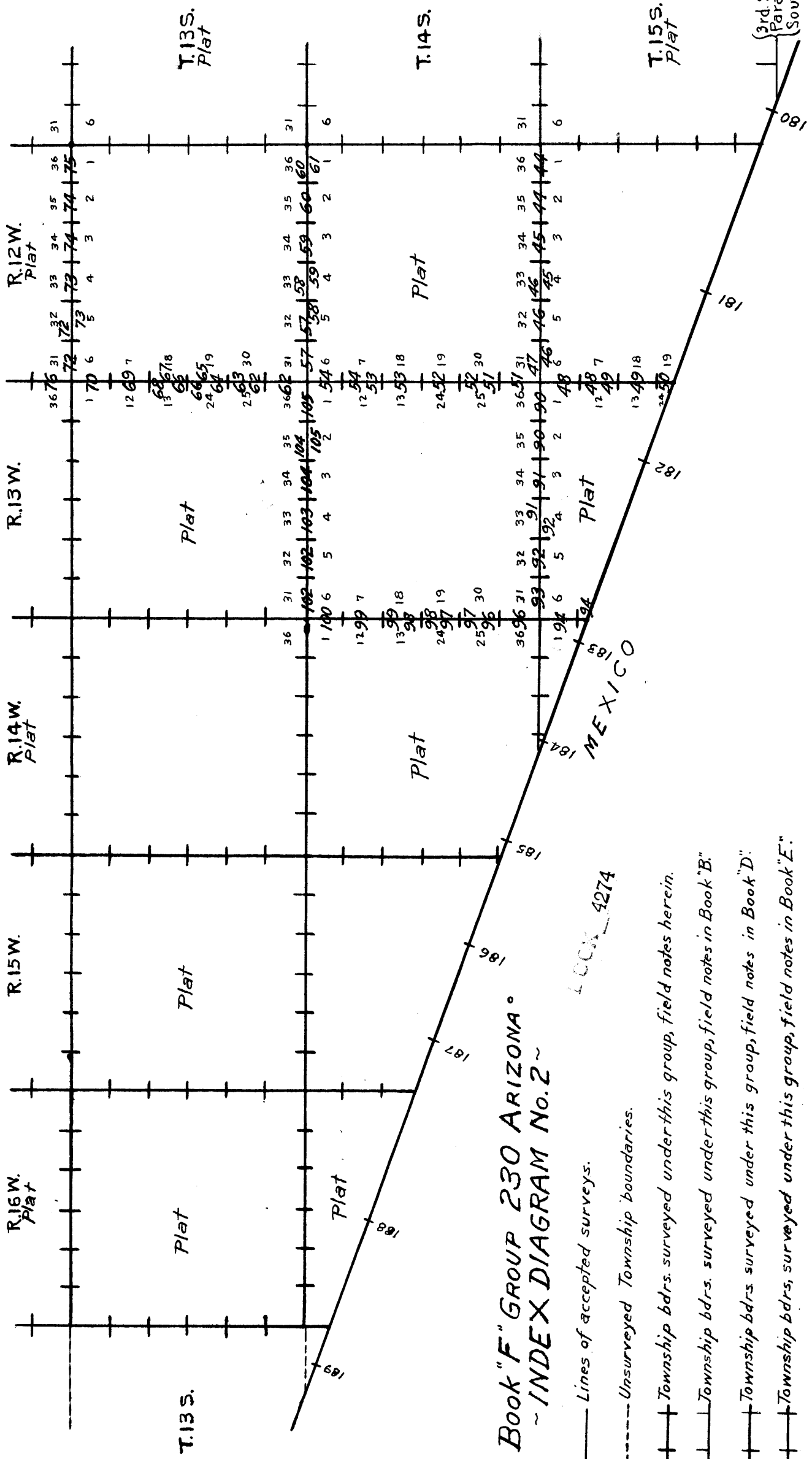
R.9W. Plat

R.10W.

R.11W. Plat

R.12W.

Plat



Book "F" GROUP 230 ARIZONA.  
 ~ INDEX DIAGRAM NO. 2 ~

- Lines of accepted surveys.
- - - - - Unsurveyed Township boundaries.
- + + + + + Township bdrs. surveyed under this group, field notes herein.
- | | | | | Township bdrs. surveyed under this group, field notes in Book "B".
- + + + + + Township bdrs. surveyed under this group, field notes in Book "D".
- + + + + + Township bdrs. surveyed under this group, field notes in Book "E".
- + + + + + Township bdrs. surveyed under this group, field notes in Book "G".
- + + + + + Township bdrs. surveyed under this group, field notes in Book "H".

3rd. Standard  
 Parallel  
 South

The surveys herein described were executed by Benjamin J. Kinsey, Cadastral Engineer, using Buff and Buff transit No. 18000. This instrument is equipped with an improved Smith solar attachment, and otherwise conforms to the standard specifications of the General Land Office. The instrument was examined and tested by the District Cadastral Engineer for Arizona and California prior to the beginning of the surveys of this group, and was 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 attachment.

All measurements were made with a Lufkin steel tape, 5 chs. in length, graduated every link for the first 100 lks., and the remainder at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard tape and found correct. All of 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 INSTRUMENT.

January 20, 1940; at station in camp in unsurveyed T. 12 S., R. 8 W., Gila and Salt River meridian, Arizona, which, when said township is surveyed will be in the SE $\frac{1}{4}$  of sec. 18, about 20 chs. NW. from the cor. of secs. 17, 18, 19 and 20; latitude (approx.) 32° 22 $\frac{1}{2}$ ' N.; longitude 113° 07 $\frac{1}{2}$ ' W.; examine the adjustments of Buff and Buff transit No. 18000 and find no errors, then, to test the workings of the solar apparatus, proceed as follows:

At 11h. 43m. p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a nail in a stake driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at western elongation = 1° 12' 09".

January 21, at 7h. 30m. a.m., lay off the azimuth of Polaris 1° 12' to the east and mark the true meridian thus determined by a nail in a stake driven firmly in the ground about 5 chs. N.

January 28, 1940: At same station, at 9h. 00m., a.m., app.t., set off 32° 22 $\frac{1}{2}$ ' N. on the lat. arc; 18° 20 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian and obtain a reading of 18° 19' S. on the decl. arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with the lat. arc unchanged, set off 18° 16 $\frac{1}{2}$ ' S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within 1' of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, at about the beginning of the surveys herein described which were executed in the period January 27 to May 7, 1940.

2.

November 21, 1940; at station in camp in unsurveyed T. 13 S., R. 14 W., which, when said Tp. is surveyed, will be near the center of section 23; latitude (approx.)  $32^{\circ} 16\frac{1}{2}'$  N.; longitude (approx.)  $113^{\circ} 41'$  W., examine the adjustments of Buff and Buff transit No. 18000 and find no errors, then, to test the workings of the solar apparatus, proceed as follows:

At 3h. 41m., a.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a nail in a stake driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at western elongation =  $1^{\circ} 11' 59''$ .

At 7h. 00m., a.m., lay off the azimuth of Polaris  $1^{\circ} 12'$  to the east and mark the true meridian thus determined by a nail in a stake driven firmly in the ground about 5 chs. N.

At 9h. 00m., a.m., app.t., set off  $32^{\circ} 16\frac{1}{2}'$  N. on the lat. arc.,  $19^{\circ} 57\frac{1}{2}'$  S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian, and obtain a reading of  $19^{\circ} 59\frac{1}{2}'$  S. on the decl. arc, which agrees with the computed declination of the sun.

At 3h. 00m., p.m., app.t., with the lat arc unchanged, set off  $20^{\circ} 01'$  S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within 1' of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, at the beginning of the surveys herein described which were executed in the period November 22, 1940 to March 27, 1941.

Survey: East Bdy.: T. 10 S., R. 8 W.

3.

| Chains | From the cor. of Ts. 10 and 11 S., Rs. 7 and 8 W., established under this group as described in field notes of survey of W. bdy. of T. 11 S., R. 7 W.,                    |
|--------|---|
|        | North, bet. secs. 31 and 36.<br>Over nearly level washed or overflow land, bearing NW. and SE., draining NW. thru scattering undergrowth.                                 |
| 22.00  | Leave washed or overflow land. Continue over nearly level land.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\begin{array}{c} \frac{1}{4} \\ \text{S36} \mid \text{S31} \\ 1940 \end{array}$  |
|        | one each N. and S. of cor., 3 ft. dist. dig pits 18x18x12 ins.  |
| 53.90  | Road, bears W. and SE.  |
| 56.00  | Wash, 10 lks. wide, course NW.  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 25; 30, 31 and 36, with brass cap marked  |
|        | $\begin{array}{c} \text{T10S} \\ \text{R8W} \cdot \text{R7W} \\ \text{S25} \mid \text{S30} \\ \hline \text{S36} \mid \text{S31} \\ 1940 \end{array}$                      |
|        | 3 ft. base, 2 ft. high, W. of cor. raise a mound of stone,  |
|        | Land, nearly level.<br>Soil, sandy, 2nd rate.<br>Timber, none.<br>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.<br>Scattering sahuaro cactus. |
|        | North, bet. secs. 25 and 30.<br>Over nearly level land, draining NW. thru scattering undergrowth.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\begin{array}{c} \frac{1}{4} \\ \text{S25} \mid \text{S30} \\ 1940 \end{array}$  |
|        | 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor. raise a mound of stone,  |
| 41.00  | Wash, 10 lks. wide, course NW.  |

Survey: East Bdy.: T. 10.S., R. 8 W.

4.

Chains

80.00' Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

|      |     |
|------|-----|
| T10S |     |
| R8W  | R7W |
| S24  | S19 |
| S25  | S30 |

1940

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

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

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North, bet. secs. 19 and 24.

Over nearly level land draining northwesterly thru scattering undergrowth.

5.60 Wash, 20 lks. wide, course N. 70° W.; asc. gradually over southerly slope.

36.10 Road, bears W. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

|               |     |
|---------------|-----|
| $\frac{1}{4}$ |     |
| S24           | S19 |

1940

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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked

|      |     |
|------|-----|
| T10S |     |
| R8W  | R7W |
| S13  | S18 |
| S24  | S19 |

1940

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

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.



|        |   |
|--------|---|
| Chains | <p>North, bet. secs. 13 and 18.</p> <p>Over nearly level land, thru scattering undergrowth.</p> <p>Asc. gradually over S. slope.</p> <p>10.00 Low ridge, bears E. and W.; desc. gradually over N. slope.</p> <p>21.00 Dim road, bears NW. and SE.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for <math>\frac{1}{4}</math> sec. cor. with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S13   S18</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">dig pits 18x18x12 ins.,<br/>one each N. and S. of cor., 3 ft. dist.</p> <p>50.00 Center of shallow wash, 3 chs. wide, course N. 60° W.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked</p> <p style="text-align: center;">T10S<br/>R8W      R7W<br/>S12   S7<br/>S13   S18</p> <p style="text-align: center;">1940</p> <p style="text-align: right;">raise a mound of stone,<br/>2½ ft. base, 1½ ft. high, W. of cor.</p> <p>Land, nearly level.<br/>Soil, sandy, 2nd rate.<br/>Timber, none.<br/>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.<br/>Scattering sahuaro cactus.</p> |
|        | <p>North, bet. secs. 7 and 12.</p> <p>Over nearly level land draining northwesterly thru scattering undergrowth.</p> <p>21.00 S. edge of wash, bears N. 70° W. and S. 70° E. Thence across Rio Cornez Wash.</p> <p>25.80 Main channel of Rio Cornez Wash, 200 lks. wide, course N. 70° W.</p> <p>28.00 N. edge of wash, bears N. 70° W. and S. 70° E. Leave Rio Cornez Wash. Continue over nearly level land, ascending gradually over SW. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S12   S7</p> <p style="text-align: center;">1940</p>   |

Survey: East Bdy.: T. 10 S., R. 8 W.

6

Chains

raise a mound  
of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 1, 6, 7 and 12., with brass cap marked

|      |     |
|------|-----|
| T10S |     |
| R8W  | R7W |
| S1   | S6  |
| S12  | S7  |

1940

raise a mound  
of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 1 and 6.

Over nearly level land, draining southwesterly, thru scattering undergrowth.

30.00 Wash, 10 lks. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

|     |     |
|-----|-----|
| S 1 | S 6 |
|-----|-----|

1940

raise a mound  
of stone, 3 ft. base, 2 ft. high, W. of cor.

60.00 Leave nearly level sandy land and enter gently rolling rocky land. Asc. gradually over S. slope.

75.00 Foot of slope, bears E. and W. Leave gently rolling and enter mountainous land (Crater Mts.). Asc. 252 ft. over broken S. and SE. slopes to

80.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for cor. of Lots 1 and 8, Sec. 1, T. 10 S., R. 8 W., and Lots 4 and 5, Sec. 6, T. 10 S., R. 7 W., with brass cap marked

|    |    |
|----|----|
| S1 | S6 |
| L1 | L4 |
| L8 | L5 |

1942

raise a mound of  
stone 3 ft. base, 2 ft. high, W. of cor.

88.85 Intersect the 2nd Standard Parallel South at a point 2.49 chs. E. from the true point for std.  $\frac{1}{4}$  sec. cor. of sec. 36, T. 9 S., R. 8 W., and 7.99 chs. E. from the witness cor. thereto, of record as 5.50 chs. W. from the cor. point, and which is an iron post, 1 in. in diam., projecting 30 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap, and wit-

Survey: East Bdy.: T. 10 S., R. 8 W.

## Chains

measured by a mound of stone N. No bearing trees.  
The true point for std.  $\frac{1}{4}$  sec. cor. was reestablished by an independent resurvey of the Parallel in 1934, at which time the witness cor. was established and monumented with a granite stone. In 1936 this witness cor. monument was reconstructed by setting the regulation brass-capped iron post described above, alongside the stone previously set.

## At point of intersection

Set an iron post, 3 ft. long, 3 ins. in diam., 6 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for closing cor. of Ts. 10 S., Rs. 7 and 8 W., with brass cap marked

|      |     |
|------|-----|
| T9S  | R8W |
| S36  |     |
| S1   | S6  |
| R8W  | R7W |
| T10S |     |
| CC   |     |

1940

from which

Growler Peak, bears S.  $0^{\circ} 55'$  E.

A mound of stone on a peak bears S.  $24^{\circ} 02'$  E.

A peak in the Growler Mts. bears S.  $17^{\circ} 06'$  W.

A saddle in same mts. bears S.  $28^{\circ}$  W.

A peak bears S.  $53^{\circ} 55'$  W.

Land, S. 60 chs. nearly level; N. 14 chs. mountainous; remainder gently rolling.

Soil, S. 75 chs. sandy and gravelly, 2nd and 3rd rates, remainder, rocky 4th rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

## Survey: West Bdy., T. 10 S., R. 8 W.

8.

|        |  |
|--------|--|
| Chains | <p>From cor. of Ts. 10 and 11 S., Rs. 8 and 9 W., established under this group as described in field notes of survey of E. bdy. of T. 11 S., R. 9 W.</p> <p>North, bet. secs. 31 and 36.</p> <p>Over mountainous land (Growler Mts.) thru scattering undergrowth.</p> <p>Desc. 26 ft. over boulder strewn NW. slope.</p> <p>1.25 Bottom of ravine, course W. Asc. 20 ft. over SW. slope.</p> <p>4.20 Spur, slopes W.; desc. 351 ft. over N. slope.</p> <p>17.50 Wash, 20 lks. wide, course NW.; asc. 28 ft. over SW. slope.</p> <p>19.95 Desc. 75 ft. over NW. slope to</p> <p>29.90 Foot of slope bears NE. and SW. Leave mountainous and enter gently rolling and nearly level land. Desc. gradually over NW. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"> <math>\frac{1}{4}</math><br/>           S36   S31<br/>           1941         </p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for cor. of secs. 25, 30, 31 and 36, with brass cap marked</p> <p style="text-align: center;">           T10S<br/>           R9W   R8W<br/>           S25   S30<br/>           S36   S31<br/>           1941         </p> <p>Land, mountainous, gently rolling and nearly level. Soil, gravelly and rocky, 3rd and 4th rates. Timber, none. Undergrowth, greasewood, cacti, catclaw, scrub palo verde and ironwood. Scattering sahuaro cactus.</p> <hr/> <p>North, bet. secs. 25 and 30.</p> <p>Over nearly level land, draining NW. thru scattering undergrowth.</p> <p>11.60 Wash, 30 lks. wide, course NE.; asc. gradually over SE. slope.</p> <p>22.00 Enter gently rolling land. Asc. 25 ft. over S. slope.</p> <p>34.00 Low ridge, bears N. 80° E. and S. 80° W.; desc. 15 ft. over N. slope to</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> |
|--------|--|

Survey: West Bdy.: T. 10 S., R. 8 W.

9.

Chains

 $\frac{1}{4}$   
 S25 | S30

1941

raise a mound

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

Desc. 10 ft. over N. slope.

43.50 Draw, course W.; asc. 20 ft. over S. slope.

49.70 Spur, slopes W. Desc. 60 ft. over N. slope.

70.00 Center of shallow wash, 4.00 chs. wide, course NW.; asc. 20 ft. over S. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T10S  
 R9W    R8W  
 S24 | S19  
 S25 | S30

1941

raise a mound

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

Land, nearly level and gently rolling.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub ironwood and palo verde.

Scattering sahuaro cactus.

North, bet. secs. 19 and 24.

Over gently rolling land, thru scattering undergrowth.  
Asc. 30 ft. over S. slope.

16.90 Low spur, slopes W.; desc. 25 ft. over N. slope.

34.95 Center of wash, 5.50 chs. wide, course N. 80° W. Thence over nearly level land. Asc. gradually over SW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
 $\frac{1}{4}$   
 S24 | S19

1941

raise a mound

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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked

T10S  
 R9W    R8W  
 S13 | S18  
 S24 | S19

1941

Survey: West Bdy.: T. 10 S., R. 8 W.

10

Chains

raise a mound  
of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, gently rolling and nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and  
ironwood.

Scattering sahuaro cactus.

North, bet. secs. 13 and 18.

Over nearly level land, draining SW. thru scattering  
undergrowth.

6.00 Dim road, bears NW. and SE.

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

$\frac{1}{4}$

S13 | S18

1941

raise a mound  
of stone, 3 ft. base, 2 ft. high, W. of cor.

45.00 Enter gently rolling land. Asc. 30 ft. over SW. slope.

60.00 Low rim, bears NW. and SE. Thence over nearly level land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in  
ground, for cor. of secs. 7, 12, 13 and 18, with brass  
cap marked

T10S

R9W | R8W

S12 | S 7

S13 | S18

1941.

raise a mound  
of stone, 3 ft. base, 2 ft. high, W. of cor.

The S. end of a hill, bears N.  $76^{\circ}$  W. about  $\frac{1}{2}$  m. dist.

The NE. end of same hill bears N.  $18^{\circ}$  W.

Crater Mtn. bears N.  $40^{\circ}$  W.

A butte bears S.  $15^{\circ}$  W.

A high butte near above noted butte, bears S.  $22^{\circ} 20'$  W.

A butte, bears S.  $7\frac{1}{2}^{\circ}$  E. about 5 m. dist.

Land, nearly level and gently rolling.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and  
ironwood.

Scattering sahuaro cactus.

Survey: West. Bdy.; T. 10 S., R. 8 W.

11

|        |  |
|--------|--|
| Chains | North, bet. secs. 7 and 12.<br>Over nearly level land, thru scattering undergrowth.  |
| 16.00  | Low rim, bears NW. and SE. Leave nearly level and enter gently rolling land. Desc. gradually over NE. slope.   |
| 29.30  | Road, bears E. and S. 60° W. Extends southwesterly to Tony's Well and easterly to the Gila-Bend Ajo highway.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |
|        | $\frac{1}{4}$  |
|        | S12   S7   |
|        | 1941   |
|        | raise a mound<br>of stone, 3 ft. base, 2 ft. high, W. of cor.  |
|        | Desc. slightly over NE. slope to   |
| 41.50  | Wash, 10 lks. wide, course W. Thence over nearly level land, draining westerly.  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked  |
|        | T10S<br>R9W   R8W<br>S 1   S 6<br>S12   S 7  |
|        | 1941   |
|        | raise a mound<br>of stone, 3 ft. base, 2 ft. high, W. of cor.  |
|        | Land, nearly level and gently rolling.<br>Soil, sandy and gravelly, 3rd. rate.<br>Timber, none.<br>Undergrowth, greasewood, cacti, scrub palo verde, iron-wood and mesquite. |
|        | North, bet. secs. 1 and 6.   |
|        | Over nearly level land, draining northwesterly, thru scattering undergrowth.   |
| 16.90  | Wash, 40 lks. wide, course NW.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |
|        | $\frac{1}{4}$  |
|        | S 1   S 6  |
|        | 1941   |
|        | raise a mound<br>of stone, 3 ft. base, 2 ft. high, W. of cor.  |
| 40.10  | Dim road, bears NW; and SE.  |

Survey: West Bdy.: T. 10 S., R. 8 W.

12

|        |   |     |     |     |    |    |    |     |     |      |  |    |  |
|--------|---|-----|-----|-----|----|----|----|-----|-----|------|--|----|--|
| Chains |   |     |     |     |    |    |    |     |     |      |  |    |  |
| 70.00  | Wash, 30 lks. wide, course NW.  |     |     |     |    |    |    |     |     |      |  |    |  |
| 80.00  | Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for cor. of Lots 1 and 8, Sec. 1, T. 10 S., R. 9 W., and Lots 4 and 5, Sec. 6, T. 10 S., R. 8 W., with brass cap marked  |     |     |     |    |    |    |     |     |      |  |    |  |
|        | <table border="1"> <tr> <td>S1</td> <td>S6</td> </tr> <tr> <td>L1</td> <td>L4</td> </tr> <tr> <td>L8</td> <td>L5</td> </tr> </table>  | S1  | S6  | L1  | L4 | L8 | L5 |     |     |      |  |    |  |
| S1     | S6  |     |     |     |    |    |    |     |     |      |  |    |  |
| L1     | L4  |     |     |     |    |    |    |     |     |      |  |    |  |
| L8     | L5  |     |     |     |    |    |    |     |     |      |  |    |  |
|        | 1942  |     |     |     |    |    |    |     |     |      |  |    |  |
|        | dig pits 18x18x12 ins.,<br>one each N. and S. of cor., 3 ft. dist.  |     |     |     |    |    |    |     |     |      |  |    |  |
| 82.20  | Wash, 10 lks. wide, course NW.  |     |     |     |    |    |    |     |     |      |  |    |  |
| 88.30  | Intersect the 2nd Standard Parallel South at a point 6.73 chs. E. from the std. $\frac{1}{4}$ sec. cor. of sec. 36, T. 9 S., R. 9 W., which is an iron post, 1 in. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap, and witnessed by two pits; one each E. and W. of cor. This cor. was reestablished in an independent resurvey of the Parallel in 1934 and monumented with a malpais stone. In 1936 the monument was reconstructed by setting the regulation brass-capped iron post described above, alongside the stone previously set. |     |     |     |    |    |    |     |     |      |  |    |  |
|        | At point of intersection,<br>Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for closing cor. of Ts. 10 S., Rs. 8 and 9 W., with brass cap marked   |     |     |     |    |    |    |     |     |      |  |    |  |
|        | <table border="1"> <tr> <td>T9S</td> <td>R9W</td> </tr> <tr> <td colspan="2">S36</td> </tr> <tr> <td>S1</td> <td>S6</td> </tr> <tr> <td>R9W</td> <td>R8W</td> </tr> <tr> <td colspan="2">T10S</td> </tr> <tr> <td colspan="2">CC</td> </tr> </table>  | T9S | R9W | S36 |    | S1 | S6 | R9W | R8W | T10S |  | CC |  |
| T9S    | R9W   |     |     |     |    |    |    |     |     |      |  |    |  |
| S36    |   |     |     |     |    |    |    |     |     |      |  |    |  |
| S1     | S6  |     |     |     |    |    |    |     |     |      |  |    |  |
| R9W    | R8W   |     |     |     |    |    |    |     |     |      |  |    |  |
| T10S   |   |     |     |     |    |    |    |     |     |      |  |    |  |
| CC     |   |     |     |     |    |    |    |     |     |      |  |    |  |
|        | 1941  |     |     |     |    |    |    |     |     |      |  |    |  |
|        | raise a mound<br>of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, S. of cor.   |     |     |     |    |    |    |     |     |      |  |    |  |
|        | Land, nearly level.<br>Soil, sandy and gravelly, 3rd rate.<br>Timber, none.<br>Undergrowth, greasewood, cacti, scrub palo verde, iron-wood and mesquite.  |     |     |     |    |    |    |     |     |      |  |    |  |



Survey: West Bdy.: T. 11 S., R. 9 W.

13

## Chains

From the cor. of Ts. 11 and 12 S., Rs. 9 and 10 W., established under this group as described in field notes of survey of E. bdy. of T. 12 S., R. 10 W.,

North, bet. secs. 31 and 36.

Over nearly level land draining NE., thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S36 | S31

1940

dig pits 18x18x12 ins., one each N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T11S

|      |     |
|------|-----|
| R10W | R9W |
| S25  | S30 |
| S36  | S31 |

1940

dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 25 and 30.

Over nearly level land draining NE. thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S25 | S30

1940

dig pits 18x18x12 ins., one each N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T11S

|      |     |
|------|-----|
| R10W | R9W |
| S24  | S19 |
| S25  | S30 |

1940

Survey: West Bdy.: T. 11 S., R. 9 W.

14

Chains

dig pits 18x18x12 ins.,  
 one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.  
 Soil, sandy, 2nd rate.  
 Timber, none.  
 Undergrowth, greasewood, sagebrush, cacti, scrub palo  
 verde and ironwood.  
 Scattering sahuaro cactus.

North, bet. secs. 19 and 24.

Over nearly level land, draining NE. thru scattering  
 undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S24 | S19

1940

dig pits 18x18x12 ins.,  
 one each N. and S. of cor. 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
 in ground, for cor. of secs. 13, 18, 19 and 24, with  
 brass cap marked

T11S

|      |     |
|------|-----|
| R10W | R9W |
| S13  | S18 |
| S24  | S19 |

1940

dig pits 18x18x12 ins.,  
 one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.  
 Soil, sandy, 2nd rate.  
 Timber, none.  
 Undergrowth, greasewood, sagebrush, cacti, scrub palo  
 verde and ironwood.  
 Scattering sahuaro cactus.

North, bet. secs. 13 and 18.

Over nearly level land, draining NE., thru scattering  
 undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S13 | S18

1940

dig pits 18x18x12 ins.,  
 one each N. and S. of cor., 3 ft. dist.

64.00 S. edge of wash, bears NW. and SE. Thence across Growler  
 Wash, course NW.

Survey: West Bdy.: T. 11 S., R. 9 W.

15

Chains

70.00 N. edge of wash, bears NW. and SE. Leave Growler Wash. Continue over nearly level land, draining SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 7, 12, 13, and 18, with brass cap marked

|      |     |
|------|-----|
| T11S |     |
| R10W | R9W |
| S12  | S7  |
| S13  | S18 |

1940

dig pits 18x18x12 ins.,  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Cement tank at Tony's Well, bears N. 57° W.

Black hills individually bear: S. 75° W.; S. 28° W.; S. 54½° E.; S. 66½° E.; S. 70° E.; S. 74½° E.; and N. 86° E.; the last five of which are between 1 and 2 m. dist.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over nearly level land draining SW. thru scattering undergrowth.

7.80 Road, bears NW. and SE. Extends northwesterly to Tony's Well and southeasterly to Bates Well.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for ¼ sec. cor., with brass cap marked

|     |    |
|-----|----|
| S12 | S7 |
|-----|----|

1940

raise a mound of stone, 3 ft.  
base, 2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

|      |     |
|------|-----|
| T11S |     |
| R10W | R9W |
| S1   | S6  |
| S12  | S7  |

1940

dig pits 18x18x12 ins.,  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Survey: West Bay.: T. 11 S.; R. 9 W.

16

|        |   |
|--------|---|
| Chains | Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood;<br>Scattering sahuaro cactus.   |
|        | North, bet. secs. 1 and 6.  |
|        | Over nearly level land, draining SW. thru scattering undergrowth.   |
| 27.90  | Dim road, bears NE. and SW.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\frac{1}{4}$<br>S1   S6<br>1940  |
|        | dig pits 18x18x12 ins.,<br>one each N. and S. of cor., 3 ft. dist:  |
| 80.00  | Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in ground, for cor. of Ts: 10 and 11 S.; Rs. 9 and 10 W., with brass cap marked  |
|        | T10S<br>R10W   R9W<br>S36   S31<br>S1   S6<br>T11S<br>1940  |
|        | raise a mound of stone,<br>3 ft. base, 2 ft. high, S. of cor.   |
|        | N. end of a black hill bears S. $80\frac{1}{2}^{\circ}$ W. about $1\frac{1}{2}$ m. dist.  |
|        | S. end of same hill; bears S. $78^{\circ} 40'$ W.   |
|        | A pass in the Granite Mts. bears S. $54\frac{1}{2}^{\circ}$ W., about 4 m. dist.  |
|        | Three peaks in same mts. individually bear: S. $87^{\circ} 10'$ W.; S. $67\frac{1}{2}^{\circ}$ W. and S. $37^{\circ} 12'$ W.; all bet. 4 and 5 m. dist.                       |
|        | Pinnacle Peak, bears S: $44^{\circ} 27'$ E.   |
|        | A peak in the Aguila Mts., bears N. $36^{\circ} 12'$ W.   |
|        | A peak, bears N. $60^{\circ} 47'$ W., about 4 m. dist.  |
|        | Land, nearly level.<br>Soil, sandy, 2nd rate.<br>Timber, none.<br>Undergrowth, greasewood, sagebrush, cacti, and scrub palo verde and ironwood.<br>Scattering sahuaro cactus. |

## Survey: North Bdy.: T. 11 S., R. 9 W.:

17

|        |   |      |     |     |     |    |    |      |  |
|--------|---|------|-----|-----|-----|----|----|------|--|
| Chains | From the cor. of Ts. 10 and 11 S., Rs. 8 and 9 W.,<br>West, on random line, setting temp. cors at 40 ch.<br>intervals and at  |      |     |     |     |    |    |      |  |
| 477.70 | Intersect the cor. of Ts. 10 and 11 S., Rs. 9 and 10 W.,<br>established under this group as hereinbefore described.   |      |     |     |     |    |    |      |  |
|        | Thence,   |      |     |     |     |    |    |      |  |
|        | East, on true line bet. secs. 6 and 31.   |      |     |     |     |    |    |      |  |
|        | Over nearly level land, draining SW., thru scattering<br>undergrowth.   |      |     |     |     |    |    |      |  |
| 37.70  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in<br>ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |      |     |     |     |    |    |      |  |
|        | $\frac{1}{4} \frac{S \ 31}{S \ 6}$  |      |     |     |     |    |    |      |  |
|        | 1940  |      |     |     |     |    |    |      |  |
|        | raise a mound of<br>stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.   |      |     |     |     |    |    |      |  |
| 77.70  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.<br>in ground, for cor. of secs. 5, 6, 31 and 32, with<br>brass cap marked  |      |     |     |     |    |    |      |  |
|        | <table border="1" style="margin: auto;"> <tr><td>T10S</td><td>R9W</td></tr> <tr><td>S31</td><td>S32</td></tr> <tr><td>S6</td><td>S5</td></tr> <tr><td colspan="2" style="text-align: center;">T11S</td></tr> </table> | T10S | R9W | S31 | S32 | S6 | S5 | T11S |  |
| T10S   | R9W   |      |     |     |     |    |    |      |  |
| S31    | S32   |      |     |     |     |    |    |      |  |
| S6     | S5  |      |     |     |     |    |    |      |  |
| T11S   |   |      |     |     |     |    |    |      |  |
|        | 1940  |      |     |     |     |    |    |      |  |
|        | raise a mound of<br>stone, 3 ft. base, 2 ft. high, W. of cor.   |      |     |     |     |    |    |      |  |
|        | Land, nearly level.<br>Soil, sandy, 2nd rate.<br>Timber, none.<br>Undergrowth, greasewood, sagebrush, cacti, scrub palo<br>verde and ironwood.<br>Scattering sahuaro cactus.  |      |     |     |     |    |    |      |  |
|        | East, on true line bet. secs. 5 and 32.   |      |     |     |     |    |    |      |  |
|        | Over nearly level land, draining SW. thru scattering<br>undergrowth.  |      |     |     |     |    |    |      |  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in<br>ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |      |     |     |     |    |    |      |  |
|        | $\frac{1}{4} \frac{S \ 32}{S \ 5}$  |      |     |     |     |    |    |      |  |
|        | 1940  |      |     |     |     |    |    |      |  |
|        | raise a mound of<br>stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.   |      |     |     |     |    |    |      |  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.<br>in ground, for cor. of secs. 4, 5, 32 and 33, with<br>brass cap marked  |      |     |     |     |    |    |      |  |

Survey: North Bdy.: T. 11 S., R. 9 W.

18

Chains

|      |     |
|------|-----|
| T10S | R9W |
| S32  | S33 |
| S5   | S4  |
| T11S |     |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

---

East on true line bet. secs. 4 and 33.

Over nearly level land draining SW., thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S \ 33}{S \ 4}$$

1940

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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

|      |     |
|------|-----|
| T10S | R9W |
| S33  | S34 |
| S4   | S3  |
| T11S |     |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, scrub palo verde and ironwood.

Scattering sahuaro cactus.

---

East on true line bet. secs. 3 and 34.

Over nearly level land draining SW., thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S \ 34}{S \ 3}$$

1940

Survey: North Bdy.: T. 11 S.; R. 9 W.

19

Chains

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

68.50 Wash, 40 lks. wide, course S.  $60^\circ$  W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked

|      |     |
|------|-----|
| T10S | R9W |
| S34  | S35 |
| S 3  | S 2 |
| T11S |     |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

East on true line bet. secs. 2 and 35.

Over nearly level land draining southerly, thru scattering undergrowth.

16:10 Wash, 40 lks. wide, course S. Leave nearly level and enter rolling land. Asc. 46 ft. over W. slope.

28.00 Spur, slopes S.; desc. 36 ft. over SE. slope.

32.10 Wash 15 lks. wide, course SW.; asc. 87 ft. over W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 35 |
|               | S 2  |

1940

Asc. 46 ft. over W. slope.

46.50 Spur, slopes S., desc. 25 ft. over SE. slope.

48.75 Thence over rolling S. slope, descending 50 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for cor. of secs. 1, 2, 35 and 36, with brass cap marked

|      |     |
|------|-----|
| T10S | R9W |
| S35  | S36 |
| S2   | S1  |
| T11S |     |

1940

Survey: North Bdy.; T. 11 S., R. 9 W.

20

Chains

Land, nearly level and rolling.  
Soil, sandy and rocky, 2nd and 4th rates.  
Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
Scattering sahuaro cactus.

East on true line bet. secs. 1 and 36.

Over rolling land, thru scattering undergrowth. Desc.  
64 ft. over southeasterly slope.

21.00 Wash, 40 lks. wide, course SW.; asc. 10 ft. over NW.  
slope.

25.30 Low spur, slopes SW.; desc. 30 ft. over gradual, broken  
SE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

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

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, N. of cor.

Desc. 10 ft. over gradual broken SE. slope.

43.30 Wash, 40 lks. wide, course SW.; asc. 127 ft. over NW.  
slope to

61.00 Leave rolling and enter mountainous land. Asc. 397 ft.  
over steep boulder strewn NW. slope to

80.00 Intersect the cor. of Ts. 10 and 11 S., Rs. 8 and 9 W.,  
established under this group as described in field notes  
of survey of E. bdy. of T. 11 S., R. 9 W.

Land, rolling and mountainous.  
Soil, rocky, 4th rate.  
Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
Scattering sahuaro cactus.



## Survey: East Bdy.: T, 10 S., R. 10 W.

21

## Chains

From the cor. of Ts. 10 and 11 S., Rs. 9 and 10 W.,  
established under this group as hereinbefore described.

North, bet. secs. 31 and 36.

Over nearly level land, draining SW., thru scattering  
undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S36 | S31

1940

dig pits 18x18x12  
ins., one each N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in  
ground, for cor. of secs. 25, 30, 31 and 36, with brass  
cap marked

|      |     |
|------|-----|
| T10S |     |
| R10W | R9W |
| S25  | S30 |
| S36  | S31 |

1940

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

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo  
verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 25 and 30.

Over nearly level land, draining SW., thru scattering  
undergrowth.

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

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S25 | S30

1940

dig pits 18x18x12 ins.,  
one each N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in  
ground, for cor. of secs. 19, 24, 25 and 30, with brass  
cap marked

|      |     |
|------|-----|
| T10S |     |
| R10W | R9W |
| S24  | S19 |
| S25  | S30 |

1940

Survey: East Bdy.: T. 10 S., R. 10 W.

22

Chains

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde, ironwood and mesquite.

Scattering sahuaro cactus.

North, bet. secs. 19 and 24.

Over nearly level and gently rolling land, thru scattering undergrowth.

Asc. gradually over SW. slope.

24.00 NW. end of low ridge, bears NW. and SE., about  $\frac{1}{2}$  m. long. Desc. slightly over NW. slope.

27.50 Center of shallow wash, 5.00 chs. wide, course S. 70° W. from SE. Continue over nearly level land sloping southerly.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked $\frac{1}{4}$ 

S24 | S19

1940

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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked

T10S

|      |     |
|------|-----|
| R10W | R9W |
| S13  | S18 |
| S24  | S19 |

1940

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

Land, nearly level and gently rolling.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde, ironwood and mesquite.

Scattering sahuaro cactus.

North, bet. secs. 13 and 18.

Over nearly level land, draining southerly, thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked $\frac{1}{4}$ 

S13 | S18

1940

Survey: East Bdy.: T. 10 S., R. 10 W.

Chains

dig pits 18x18x12 ins.,  
one each N. and S. of cor., 3 ft. dist.

79.80 Road, bears E. and W. Extends westerly to Yuma and southeasterly to Ajo.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked

|      |     |
|------|-----|
| T10S |     |
| R10W | R9W |
| S12  | S 7 |
| S13  | S18 |

1940

dig pits 18x18x12 ins.,  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.  
Soil, sandy, 2nd rate.  
Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over nearly level land, draining southerly, thru scattering undergrowth.

12.30 Road, bears NE. and SW. Extends westerly to Yuma and southeasterly to Ajo.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for 1/4 sec. cor., with brass cap marked

|     |    |
|-----|----|
| 1/4 |    |
| S12 | S7 |

1940

dig pits 18x18x12 ins.,  
one each N. and S. of cor., 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

|      |     |
|------|-----|
| T10S |     |
| R10W | R9W |
| S1   | S6  |
| S12  | S7  |

1940

dig pits 18x18x12 ins.,  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.  
Soil, sandy, 2nd rate.  
Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
Scattering sahuaro cactus.

Survey: East Bdy.: T. 10 S., R. 10 W.

24

Chains

North, bet. secs. 1 and 6.

Over nearly level land, draining southerly, thru scattering undergrowth.

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked $\frac{1}{4}$ 

S1 | S6

1940

dig pits 18x18x12 ins.,  
one each N. and S. of cor., 3 ft. dist.

51.40

Road, bears E. and W.

80.00

Set an iron post, 3 ft. long, 1 in. in diam., 26" in ground for cor. of lots 1 and 8 of Sec. 1, T. 10 S., R. 10 W., and lots 4 and 5 of Sec. 6, T. 10 S., R. 9 W., with brass cap marked

S1 S6

L1 | L4  
L8 | L5

1942

raise a mound of stone

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

88.50

Intersect the 2nd Standard Parallel South at a point 9.40 chs. E. from the std.  $\frac{1}{4}$  sec. cor. of sec. 36, T. 9 S., R. 10 W., which is an iron post, 1 in. in diam., projecting 8 ins. above ground, firmly set, properly marked on brass cap and witnessed by pits, one each E. and W. of cor. 3 ft. dist. This cor. was reestablished by an independent resurvey of the Parallel in 1934.

At point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in ground for closing cor. of Ts. 10 S., Rs. 9 and 10 W., with brass cap marked

T9S R10W

S36

S1 | S6  
R10W | R9W

T10S

CC

1940

dig pits 18x18x12 ins.,  
one each E., W. and S. of cor., 3 ft. dist.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

Survey: North Bdy.: T. 12 S., R. 10 W.

25

|               |   |               |      |     |     |     |     |    |    |    |  |     |  |
|---------------|---|---------------|------|-----|-----|-----|-----|----|----|----|--|-----|--|
| Chains        | From the cor. of Ts. 11 and 12 S., Rs. 9 and 10 W.,<br>N. 89° 58' W., on random line, setting temp. cors. at<br>40 ch. intervals and at   |               |      |     |     |     |     |    |    |    |  |     |  |
| 511.36        | Intersect N, and S. line at 44 lks. N. of the cor. of Ts.<br>11 and 12 S., Rs. 10 and 11 W., established under this<br>group as described in field notes of survey of W. bdy.<br>of T. 12 S., R. 10 W.  |               |      |     |     |     |     |    |    |    |  |     |  |
|               | Thence,<br>N. 89° 59' E., on true line, bet. secs. 6 and 31.<br>Over nearly level land, draining westerly thru scattering<br>undergrowth.   |               |      |     |     |     |     |    |    |    |  |     |  |
| 31.36         | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in<br>ground, and in a mound of stone, for cor. of lots 4 and<br>5 of sec. 6 and lots 11 and 12 of sec. 31 with brass cap<br>marked   |               |      |     |     |     |     |    |    |    |  |     |  |
|               | <table style="margin-left: auto; margin-right: auto;"> <tr><td></td><td>S 31</td><td></td></tr> <tr><td>L11</td><td> </td><td>L12</td></tr> <tr><td>L5</td><td> </td><td>L4</td></tr> <tr><td></td><td>S 6</td><td></td></tr> </table> <p style="text-align: center;">1940</p>  |               | S 31 |     | L11 |     | L12 | L5 |    | L4 |  | S 6 |  |
|               | S 31  |               |      |     |     |     |     |    |    |    |  |     |  |
| L11           |   | L12           |      |     |     |     |     |    |    |    |  |     |  |
| L5            |   | L4            |      |     |     |     |     |    |    |    |  |     |  |
|               | S 6   |               |      |     |     |     |     |    |    |    |  |     |  |
| 71.36         | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in<br>ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |               |      |     |     |     |     |    |    |    |  |     |  |
|               | <table style="margin-left: auto; margin-right: auto;"> <tr><td><math>\frac{1}{4}</math></td><td>S 31</td></tr> <tr><td></td><td>S 6</td></tr> </table> <p style="text-align: center;">1940</p> <p style="text-align: right;">raise a mound of stone<br/>3 ft. base, 1½ ft. high, N. of cor.</p>   | $\frac{1}{4}$ | S 31 |     | S 6 |     |     |    |    |    |  |     |  |
| $\frac{1}{4}$ | S 31  |               |      |     |     |     |     |    |    |    |  |     |  |
|               | S 6   |               |      |     |     |     |     |    |    |    |  |     |  |
| 88.30         | Leave nearly level and enter mountainous land (Granite<br>Mts.) Asc. 179 ft. over W. slope.   |               |      |     |     |     |     |    |    |    |  |     |  |
| 97.36         | Spur, slopes SW.; ascend 9 ft. over S. slope.   |               |      |     |     |     |     |    |    |    |  |     |  |
| 101.32        | Desc. 93 ft. over steep SE. slope.  |               |      |     |     |     |     |    |    |    |  |     |  |
| 106.53        | Ravine, course S. near head; asc. 85 ft. over SW. slope to  |               |      |     |     |     |     |    |    |    |  |     |  |
| 111.36        | Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in<br>ground to bedrock, with a stone marked with a cross (X)<br>deposited at base, and in a mound of stone to top, for<br>cor. of secs. 5, 6, 31 and 32, with brass cap marked  |               |      |     |     |     |     |    |    |    |  |     |  |
|               | <table style="margin-left: auto; margin-right: auto;"> <tr><td>T11S</td><td>R10W</td></tr> <tr><td>S31</td><td> </td><td>S32</td></tr> <tr><td>S6</td><td> </td><td>S5</td></tr> </table> <p style="text-align: center;">T12S<br/>1940</p> <p>Land, nearly level and mountainous.<br/>Soil, sandy and rocky, 2nd and 4th rates.<br/>Timber, none.<br/>Undergrowth, greasewood, cacti, scrub palo verde and<br/>ironwood.<br/>Scattering sahuaro cactus.</p> | T11S          | R10W | S31 |     | S32 | S6  |    | S5 |    |  |     |  |
| T11S          | R10W  |               |      |     |     |     |     |    |    |    |  |     |  |
| S31           |   | S32           |      |     |     |     |     |    |    |    |  |     |  |
| S6            |   | S5            |      |     |     |     |     |    |    |    |  |     |  |

Survey: North Bdy.: T. 12 S., R. 10 W.

26

|           |   |           |  |     |     |    |    |      |  |
|-----------|---|-----------|--|-----|-----|----|----|------|--|
| Chains    | N. 89° 59' E. on true line bet. secs. 5 and 32.<br>Over mountainous land, thru scattering undergrowth.<br>Asc. 150 ft. over SW. slope.  |           |  |     |     |    |    |      |  |
| 12.00     | Spur, slopes SW.; desc. 296 ft. over broken SE. slope to  |           |  |     |     |    |    |      |  |
| 40.00     | Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked |           |  |     |     |    |    |      |  |
|           | $\frac{1}{4} \frac{S. 32}{S. 5}$  |           |  |     |     |    |    |      |  |
|           | 1940  |           |  |     |     |    |    |      |  |
|           | Desc. 27 ft. over SE. slope.  |           |  |     |     |    |    |      |  |
| 53.80     | Wash, 60 lks. wide, course SW.; asc. 225 ft. over NW. slope.  |           |  |     |     |    |    |      |  |
| 61.00     | Spur, slopes SW.; desc. 61 ft. over SE. slope.  |           |  |     |     |    |    |      |  |
| 70.30     | Wash, 100 lks. wide, course SW.; asc. 359 ft. over SW. slope to   |           |  |     |     |    |    |      |  |
| 80.00     | Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in ground to bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for cor. of secs. 4, 5, 32 and 33, with brass cap marked               |           |  |     |     |    |    |      |  |
|           | <table border="1" style="margin: auto;"> <tr><td colspan="2">T11S R10W</td></tr> <tr><td>S32</td><td>S33</td></tr> <tr><td>S5</td><td>S4</td></tr> <tr><td colspan="2">T12S</td></tr> </table>                        | T11S R10W |  | S32 | S33 | S5 | S4 | T12S |  |
| T11S R10W |   |           |  |     |     |    |    |      |  |
| S32       | S33   |           |  |     |     |    |    |      |  |
| S5        | S4  |           |  |     |     |    |    |      |  |
| T12S      |   |           |  |     |     |    |    |      |  |
|           | 1940  |           |  |     |     |    |    |      |  |
|           | Land, mountainous.<br>Soil, rocky, 4th rate.<br>Timber, none.<br>Undergrowth, greasewood, cacti, catclaw, scrub palo verde and ironwood.<br>Scattering sahuaro cactus.  |           |  |     |     |    |    |      |  |
|           | N. 89° 59' E. on true line bet. secs. 4 and 33.<br>Over mountainous land, thru scattering undergrowth.<br>Asc. 333 ft. over broken SW. slope.   |           |  |     |     |    |    |      |  |
| 8.50      | Sharp rocky spur, slopes NW.; asc. 54 ft. over N. slope.  |           |  |     |     |    |    |      |  |
| 12.14     | Desc. 76 ft. over NE. slope.  |           |  |     |     |    |    |      |  |
| 15.40     | Head of wash, course N. 10° E.; asc. 104 ft. over NW. slope.  |           |  |     |     |    |    |      |  |
| 17.40     | Main ridge of the Granite Mts., bears N. 10° E. and S. 10° W.; desc. 460 ft. over E. slope.   |           |  |     |     |    |    |      |  |
| 38.50     | Bottom of ravine, 20 lks. wide, course SE.; asc. 65 ft. over SW. slope to   |           |  |     |     |    |    |      |  |
| 40.00     | Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, over a cross (X) chiseled thereon and in a  |           |  |     |     |    |    |      |  |

Survey: North Bdy.: T. 12 S., R. 10 W.:

27

|        |  |
|--------|--|
| Chains | <p>mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> $\frac{1}{4} \frac{S 33}{S 4}$ <p>1940</p> <p>Asc. 43 ft. over SW. slope.</p>  |
| 41.50  | Point of short spur slopes SW.; desc. 236 ft. over SE. slope.  |
| 49.50  | Bottom of gulch, 10 lks. wide, course SE. near head; asc. 84 ft. over SW. slope.   |
| 53.00  | Spur, slopes SE.; desc. 95 ft. over E. slope.  |
| 55.60  | Head of ravine, course SE.; asc. 10 ft. over SW. slope.  |
| 57.20  | Spur slopes S. 85° E.; desc. 111 ft. over NE. slope.   |
| 61.05  | Desc. 23 ft. over N. slope.  |
| 66.00  | Same spur, slopes N. 20° E. from S. 85° W.; desc. 292 ft. over broken E. slope to  |
| 75.00  | Foot of slope, bears N. and S. Leave mountainous and enter gently rolling land. Desc. gradually over E. slope to   |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, over a cross (X) chiseled thereon and in a mound of stone to top, for cor. of secs. 3, 4, 33 and 34, with brass cap marked  |
|        | $\begin{array}{c} T11S R10W \\ S33   S34 \\ S4   S3 \\ T12S \end{array}$ <p>1940</p> <p>Land, W. 75 chs. mountainous; E. 5 chs. gently rolling. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood, cacti, scrub palo verde and ironwood. Scattering sahuaro cactus.</p> |
|        | <p>N. 89° 59' E. on true line bet. secs. 3 and 34.</p> <p>Over gently rolling land, thru scattering undergrowth. Desc. gradually over E. slope.</p>  |
| 14.50  | Wash. 60 lks. wide, course N. 20° E. from S. 88' W. Asc. gradually over W. and SW. slopes to   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, over a cross (X) chiseled thereon and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\frac{1}{4} \frac{S 34}{S 3}$ <p>1940</p>   |

|        |  |      |      |     |     |    |    |      |  |
|--------|--|------|------|-----|-----|----|----|------|--|
| Chains |  |      |      |     |     |    |    |      |  |
| 40.05  | Drain, course SW. Leave gently rolling and enter mountainous land. Asc. 200 ft. over steep W. slope.   |      |      |     |     |    |    |      |  |
| 47.00  | Spur, slopes S.; desc. 297 ft. over steep broken E. slope to   |      |      |     |     |    |    |      |  |
| 65.00  | Foot of slope, bears N. and S. Leave mountainous and enter nearly level. land.   |      |      |     |     |    |    |      |  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked   |      |      |     |     |    |    |      |  |
|        | <table border="1"> <tr><td>T11S</td><td>R10W</td></tr> <tr><td>S34</td><td>S35</td></tr> <tr><td>S3</td><td>S2</td></tr> <tr><td colspan="2">T12S</td></tr> </table>   | T11S | R10W | S34 | S35 | S3 | S2 | T12S |  |
| T11S   | R10W   |      |      |     |     |    |    |      |  |
| S34    | S35  |      |      |     |     |    |    |      |  |
| S3     | S2   |      |      |     |     |    |    |      |  |
| T12S   |  |      |      |     |     |    |    |      |  |
|        | 1940   |      |      |     |     |    |    |      |  |
|        | raise a mound of<br>stone, 3½ ft. base, 2½ ft. high, W. of cor.  |      |      |     |     |    |    |      |  |
|        | Land, gently rolling, mountainous and nearly level.<br>Soil, gravelly and rocky, 3rd and 4th rates.<br>Timber, none.<br>Undergrowth, greasewood, cacti, scrub palo verde and ironwood.<br>Scattering sahuaro cactus. |      |      |     |     |    |    |      |  |
|        | N. 89° 59' E. on true line bet. secs. 2 and 35.<br>Over nearly level land draining NE. thru scattering undergrowth.  |      |      |     |     |    |    |      |  |
| 26.00  | Wash, 30 lks. wide, course NE.   |      |      |     |     |    |    |      |  |
| 35.00  | Wash, 20 lks. wide, course NE.   |      |      |     |     |    |    |      |  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for ¼ sec. cor., with brass cap marked  |      |      |     |     |    |    |      |  |
|        | <table border="1"> <tr><td>¼</td><td>S 35</td></tr> <tr><td></td><td>S 2</td></tr> </table>  | ¼    | S 35 |     | S 2 |    |    |      |  |
| ¼      | S 35   |      |      |     |     |    |    |      |  |
|        | S 2  |      |      |     |     |    |    |      |  |
|        | 1940   |      |      |     |     |    |    |      |  |
|        | raise a mound of<br>stone, 3 ft. base, 2 ft. high, N. of cor.  |      |      |     |     |    |    |      |  |
| 74.50  | Dim road, bears NE. and SW.  |      |      |     |     |    |    |      |  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked   |      |      |     |     |    |    |      |  |
|        | <table border="1"> <tr><td>T11S</td><td>R10W</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td>S2</td><td>S1</td></tr> <tr><td colspan="2">T12S</td></tr> </table>   | T11S | R10W | S35 | S36 | S2 | S1 | T12S |  |
| T11S   | R10W   |      |      |     |     |    |    |      |  |
| S35    | S36  |      |      |     |     |    |    |      |  |
| S2     | S1   |      |      |     |     |    |    |      |  |
| T12S   |  |      |      |     |     |    |    |      |  |
|        | 1940   |      |      |     |     |    |    |      |  |
|        | raise a mound of<br>stone, 3½ ft. base, 2½ ft. high, W. of cor.  |      |      |     |     |    |    |      |  |
|        | Land, nearly level.<br>Soil, sandy and gravelly, 3rd rate.   |      |      |     |     |    |    |      |  |



Survey: North Bdy.: T. 12 S., R. 10 W.

29

Chains

Timber, none.  
 Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
 Scattering sahuaro cactus.

N. 89° 59' E. on true line bet. secs. 1 and 36.

Over nearly level land draining NE. thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for  $\frac{1}{4}$  sec. cor., with brass cap marked

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

1940

raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.

63.00 Wash, 10 lks. wide, course NE.

80.00 Intersect the cor. of Ts. 11 and 12 S., Rs. 9 and 10 W., established under this group as described in field notes of survey of E. bdy. of T. 12 S., R. 10 W.

Land, nearly level.  
 Soil, sandy and gravelly, 3rd rate.  
 Timber, none.  
 Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
 Scattering sahuaro cactus.

## Survey: East Bdy.: T. 11 S., R. 11 W.

30

Chains

From the cor. of Ts. 11 and 12 S.; Rs. 10 and 11 W.,  
established under this group as described in field  
notes of survey of W. bdy. of T. 12 S., R. 10 W.

North, bet. secs. 31 and 36.

Over nearly level land draining westerly thru scattering  
undergrowth.

19.00 Wash, 40 lks. wide, course W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S36 | S31

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

46.00 Wash, 20 lks. wide, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.  
in ground for cor. of secs. 25, 30, 31 and 36, with  
brass cap marked

T11S

|      |      |
|------|------|
| R11W | R10W |
| S25  | S30  |
| S36  | S31  |

1940

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

Land, nearly level.

Soil, sandy and gravelly, 2nd and 3rd rates.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo  
verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 25 and 30.

Over nearly level land, draining westerly thru scattering  
undergrowth.

28.00 Wash, 30 lks. wide, course W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S25 | S30

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Continue over nearly level land, draining southwesterly.

58.80 Wash, 75 lks. wide, course SW.

Survey: East Bdy.: T. 11 S., R. 11 W.

31

|               |   |               |  |      |      |     |     |     |     |
|---------------|---|---------------|--|------|------|-----|-----|-----|-----|
| Chains        |   |               |  |      |      |     |     |     |     |
| 71.30         | Wash, 50 lks. wide, course SW.  |               |  |      |      |     |     |     |     |
| 80.00         | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked  |               |  |      |      |     |     |     |     |
|               | <table border="1" style="margin: auto;"> <tr><td colspan="2">T11S</td></tr> <tr><td>R11W</td><td>R10W</td></tr> <tr><td>S24</td><td>S19</td></tr> <tr><td>S25</td><td>S30</td></tr> </table>                                    | T11S          |  | R11W | R10W | S24 | S19 | S25 | S30 |
| T11S          |   |               |  |      |      |     |     |     |     |
| R11W          | R10W  |               |  |      |      |     |     |     |     |
| S24           | S19   |               |  |      |      |     |     |     |     |
| S25           | S30   |               |  |      |      |     |     |     |     |
|               | 1940  |               |  |      |      |     |     |     |     |
|               | raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.  |               |  |      |      |     |     |     |     |
|               | Land, nearly level.   |               |  |      |      |     |     |     |     |
|               | Soil, sandy and gravelly, 2nd and 3rd rates.  |               |  |      |      |     |     |     |     |
|               | Timber, none.   |               |  |      |      |     |     |     |     |
|               | Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.   |               |  |      |      |     |     |     |     |
|               | Scattering sahuaro cactus.  |               |  |      |      |     |     |     |     |
|               | North, bet. secs. 19 and 24.  |               |  |      |      |     |     |     |     |
|               | Over nearly level land, draining southwesterly thru scattering undergrowth.   |               |  |      |      |     |     |     |     |
| 6.00          | Wash, 100 lks. wide, course S. 25° W.   |               |  |      |      |     |     |     |     |
| 29.00         | Foot of slope bears NW. and E. Leave nearly level and enter mountainous land. Asc. 205 ft. over S. slope.   |               |  |      |      |     |     |     |     |
| 38.10         | Point of spur, slopes SE.; desc. 17 ft. over E. slope to  |               |  |      |      |     |     |     |     |
| 40.00         | Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked          |               |  |      |      |     |     |     |     |
|               | <table border="1" style="margin: auto;"> <tr><td colspan="2"><math>\frac{1}{4}</math></td></tr> <tr><td>S24</td><td>S19</td></tr> </table>  | $\frac{1}{4}$ |  | S24  | S19  |     |     |     |     |
| $\frac{1}{4}$ |   |               |  |      |      |     |     |     |     |
| S24           | S19   |               |  |      |      |     |     |     |     |
|               | 1940  |               |  |      |      |     |     |     |     |
|               | Desc. 12 ft. over E. slope.   |               |  |      |      |     |     |     |     |
| 42.40         | Wash, 15 lks. wide, course SE. Asc. 160 ft. over SW. slope.   |               |  |      |      |     |     |     |     |
| 47.00         | Spur, slopes SE.; desc. 132 ft. over NE. slope.   |               |  |      |      |     |     |     |     |
| 54.00         | Bottom of gulch, 50 lks. wide, course E.; asc. 178 ft. over SE. slope.  |               |  |      |      |     |     |     |     |
| 67.50         | Spur, slopes E.; desc. 192 ft. over NE. slope.  |               |  |      |      |     |     |     |     |
| 77.20         | Wash, 10 lks. wide, course E.; asc. 68 ft. over SE. slope to  |               |  |      |      |     |     |     |     |
| 80.00         | Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for cor. of secs. 13, 18, 19 and 24, with brass cap marked |               |  |      |      |     |     |     |     |

Survey: East Bdy.: T. 11 S., R. 11 W.

32

Chains

|      |      |
|------|------|
| T11S |      |
| R11W | R10W |
| S13  | S18  |
| S24  | S19  |

1940

Land, S. 29 chs. nearly level; N. 51 chs. mountainous.  
Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates.  
Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
Scattering sahuaro cactus.

North, bet. secs. 13 and 18.

Over mountainous land, thru scattering undergrowth.

Asc. 14 ft. over SE. slope.

0.55 Ridge, bears E. and W.; desc. 300 ft. over N. slope.

13.10 Wash, 15 lks. wide, course NW. for about 1 ch., where it turns to NE. Desc. slightly over NW. slope to

14.40 Same wash, course NE.; desc. 25 ft. over NE. slope to

18.00 Leave mountainous and enter gently rolling and broken land. Desc. gradually over NE. slope.

24.70 Wash, 60 lks. wide, course N. 80° E.

30.40 Wash, 50 lks. wide, course NE.; asc. 20 ft. over SE. slope.

38.00 Spur, slopes N. 70° E.; desc. 43 ft. over N. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground, to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked $\frac{1}{4}$ 

S13 | S18

1940

Desc. 20 ft. over N. slope to

45.00 Leave gently rolling and broken land, and enter nearly level land.

66.20 Wash, 120 lks. wide, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked

|      |      |
|------|------|
| T11S |      |
| R11W | R10W |
| S12  | S7   |
| S13  | S18  |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Survey: East.Bdy.: T. 11 S., R. 11 W.

33

Chains

Land, mountainous, gently rolling, broken and nearly level.  
 Soil, gravelly and rocky, 3rd and 4th rates.  
 Timber, none.  
 Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
 Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over nearly level land draining northwesterly thru scattering undergrowth.

35.10 Wash, 25 lks..wide, course N. 60° W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S12 | S7  
 1940

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

56.30 Wash, 15 lks. wide, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

T11S  
 R11W | R10W  
 S1 | S6  
 S12 | S7

1940

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

Land, nearly level.  
 Soil, sandy and gravelly, 2nd and 3rd rates.  
 Timber, none.  
 Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
 Scattering sahuaro cactus.

North, on E. bdy. of Sec..1.

Over nearly level land draining northwesterly thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S1 | S6  
 1940

raise a mound of  
 stone, 3 ft. base, 2 ft. high, W. of cor.

Survey: East.Bdy.: T. 11 S., R. 11 W:

34

Chains

80.00

Set an iron post 3 ft. long, 3 ins. diam., 28 ins. in ground for cor. of Ts. 10 and 11 S., R. 10 W., with brass cap marked

|      |      |      |
|------|------|------|
| T11S | T10S |      |
| R11W | S31  | R10W |
| S1   | S 6: |      |
|      | T11S |      |

1942

raise a mound of stone 4 ft. base, 2 ft. high, E. of cor.

97.58

Intersect the cor. of T. 10 S., R. 11 W., (SE. cor.) established in 1937 which is an iron post, 3 ins. in diam., projecting 9 ins. above ground, firmly set and properly marked on brass cap. No accessories. This now becomes the cor. of Ts. 10 and 11 S., R. 11 W., therefore change the marking on the brass cap to read.

|      |  |
|------|--|
| T10S |  |
| R11W |  |
| S36  |  |
| S 1  |  |
| T11S |  |
| R11W |  |

1937  
1940

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

Survey: South Bdy.: T. 11 S., R. 11 W.

35

|        |  |
|--------|--|
| Chains | From the cor. of Ts. 11 and 12 S., Rs. 10 and 11 W.,<br>West, on random line, setting temp. cors. at 40 ch.<br>intervals, and at   |
| 478.38 | Intersect the cor. of Ts. 11 and 12 S., Rs. 11 and 12 W.<br>established under this group as described in field<br>notes of survey of E. bdy. of T. 12 S., R. 12 W.<br>Thence<br>East, on true line, bet. secs. 6 and 31.<br>Over nearly level land, thru scattering undergrowth.   |
| 2.70   | Wash, 100 lks. wide, course N. 10° W. from S. 10° W.   |
| 38.38  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in<br>ground and raise a mound of stone around post, for $\frac{1}{4}$<br>sec. cor., with brass cap marked<br>$\frac{1}{4} \frac{S \ 31}{S \ 6}$<br>1940<br>dig pits 18x18x12 ins.,<br>one each E. and W. of cor., 3 ft. dist.   |
| 49.30  | Wash, 25 lks. wide, course NE.   |
| 64.30  | Wash, 20 lks. wide, course NE.   |
| 78.38  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.<br>in ground and raise a mound of stone around post, for<br>cor. of secs. 5, 6, 31 and 32, with brass cap marked<br>$\begin{array}{c} T11S \ R11W \\ S31 \   \ S32 \\ S6 \   \ S5 \\ T12S \end{array}$<br>1940<br>dig pits 18x18x12 ins.,<br>one each NE., SE., SW. and NW. of cor., 3 ft. dist.<br>Land, nearly level.<br>Soil, sandy, gravelly and rocky, 3rd and 4th rates.<br>Timber, none.<br>Undergrowth, greasewood, sagebrush, cacti, scrub palo<br>verde and ironwood.<br>Scattering sahuaro cactus. |
|        | East on true line bet. secs. 5 and 32.<br>Over nearly level land draining northeasterly thru<br>scattering undergrowth.  |
| 12.80  | Old road, bears N. 10° W. and S. 10° E. Extends north-<br>westerly to Mohawk and southeasterly to Papago Well.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in<br>ground and raise a mound of stone around post, for $\frac{1}{4}$<br>sec. cor., with brass cap marked<br>$\frac{1}{4} \frac{S \ 32}{S \ 5}$<br>1940   |

Survey: South Bdy.: T. 11 S., R. 11 W.

36

Chains

dig pits 18x18x12 ins.,  
one each E. and W. of cor., 3 ft. dist.

55.20 Wash, 10 lks. wide, course NE.

63.80 Wash, 10 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground and raise a mound of stone around post, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

|      |      |
|------|------|
| T11S | R11W |
| S32  | S33  |
| S5   | S4   |
| T12S |      |

1940

dig pits 18x18x12 ins.,  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.

Soil, sandy and gravelly, 2nd and 3rd rates.

Timber, none.

Undergrowth, greasewood, cacti, sagebrush, scrub palo verde and ironwood.

Scattering sahuaro cactus.

East on true line bet. secs. 4 and 33.

Over nearly level land draining northerly thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground and raise a mound of stone around post for  $\frac{1}{4}$  sec. cor., with brass cap marked

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 33 |
|               | S 4  |

1940

dig pits 18x18x12 ins.,  
one each E. and W. of cor., 3 ft. dist.

79.00 Road, bears N. and S.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground and raise a mound of stone around post for cor. of secs. 3, 4, 33 and 34, with brass cap marked

|      |      |
|------|------|
| T11S | R11W |
| S33  | S34  |
| S4   | S3   |
| T12S |      |

1940

dig pits 18x18x12 ins.,  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, cacti, sagebrush, scrub palo verde, mesquite and ironwood.

Scattering sahuaro cactus.



Survey: South Bdy.: T. 11 S., R. 11 W.

|           |   |           |  |     |     |     |     |
|-----------|---|-----------|--|-----|-----|-----|-----|
| Chains    | <p>East on true line bet. secs. 3 and 34.</p> <p>Over nearly level land thru scattering undergrowth.</p> <p>5.00 Enter washed or overflow land, bears N. and S., draining N. Thence across overflow land, thru dense undergrowth and scattering timber.</p> <p>20.00 Leave washed or overflow land, bearing N. and S. Continue over nearly level land, draining N., thru scattering undergrowth.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math display="block">\frac{1}{4} \frac{S \ 34}{S \ 3}</math> <p>1940</p> </div> <p style="text-align: right;">dig pits 18x18x12 ins.,<br/>one each, E. and W. of cor., 3 ft. dist.</p> <p>50.00 Enter washed or overflow land, bearing N. and S. draining N. Thence across overflow land, thru dense undergrowth and scattering timber.</p> <p>68.00 Leave washed or overflow land, bearing N. and S.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground and raise a mound of stone around post for cor. of secs. 2, 3, 34 and 35, with brass cap marked</p> <div style="text-align: center;"> <table border="0"> <tr> <td colspan="2">T11S R11W</td> </tr> <tr> <td>S34</td> <td>S35</td> </tr> <tr> <td>S 3</td> <td>S 2</td> </tr> </table> <p>T12S<br/>1940</p> </div> <p style="text-align: right;">dig pits 18x18x12 ins.,<br/>one each NE., SE., SW. and NW. of cor., 3 ft. dist.</p> <p>Land, nearly level.<br/>Soil, sandy, 2nd rate.<br/>Timber, mesquite and palo verde in the overflow land; elsewhere, none.<br/>Undergrowth; greasewood, sagebrush, cacti, scrub palo verde and ironwood.<br/>Scattering sahuaro cactus.</p> <hr/> <p>East on true line bet. secs. 2 and 35.</p> <p>Over nearly level land thru scattering undergrowth.</p> <p>35.00 Wash, 15 lks. wide, course SW.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground and raise a mound of stone around post for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math display="block">\frac{1}{4} \frac{S \ 35}{S \ 2}</math> <p>1940</p> </div> <p style="text-align: right;">dig pits 18x18x12 ins.,<br/>one each E. and W. of cor., 3 ft. dist.</p> <p>51.90 Wash, 10 lks. wide, course NW.</p> | T11S R11W |  | S34 | S35 | S 3 | S 2 |
| T11S R11W |   |           |  |     |     |     |     |
| S34       | S35   |           |  |     |     |     |     |
| S 3       | S 2   |           |  |     |     |     |     |

## Survey: South Bdy, T. 11 S., R. 11 W.

38

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground and raise a mound of stone around post, for cor. of secs. 1, 2, 35 and 36, with brass cap marked

|      |      |
|------|------|
| T11S | R11W |
| S35  | S36  |
| S2   | S1   |
| T12S |      |

1940

dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

East on true line bet. secs. 1 and 36.

Over nearly level land; draining SW. thru scattering undergrowth.

33.00 Wash, 20 lks. wide, course SW.

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

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 36 |
|               | S 1  |

1940

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

80.00 Intersect the cor. of Ts. 11 and 12 S., Rs. 10 and 11 W., established under this group as described in field notes of survey of W. bdy. of T. 12 S., R. 10 W.

Land, nearly level.

Soil, sandy and gravelly, 2nd and 3rd rates.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

Survey: West Bdy.: T. 11 S.; R. 11 W.

| Chains |   |
|--------|---|
|        | <p>From the cor. of Ts. 11 and 12 S., Rs. 11 and 12 W., a flag on the cor. of Ts. 10 S., Rs. 11 and 12 W. is visible, and bears North, therefore, survey of W. bdy. of T. 11 S., R. 11 W. is executed on that course as follows:</p> <p>North, on true line, bet. secs. 31 and 36,<br/>Over nearly level land, thru scattering undergrowth.</p> |
| 13.00  | Wash, 100 lks. wide, course N. 10° W. Enter gently rolling land. Asc. gradually over SW. slope.   |
| 20.00  | Top of ascent on W. side of a black, rocky knoll, the top of which bears E. about 2 chs. dist. Desc. gradually over NW. slope to  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\frac{1}{4}$<br>S36   S31<br>1940  |
|        | raise a mound of<br>stone, 3 ft. base, 2 ft. high, W. of cor.   |
|        | Desc. gradually over NW. slope.   |
| 43.70  | Enter washed or overflow land, bears NE. and SW. Thence across same, draining NE.   |
| 70.00  | Leave washed or overflow land, bears NE. and SW. Thence over nearly level land.   |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked  |
|        | T11S<br>R12W   R11W<br>S25   S30<br>S36   S31<br>1940   |
|        | raise a mound of<br>stone, 3 ft. base, 2 ft. high, W. of cor.   |
|        | Land, nearly level and gently rolling.<br>Soil, sandy and gravelly, 2nd and 3rd rates.<br>Timber, none.<br>Undergrowth, greasewood; sagebrush, cacti, scrub palo verde and ironwood.<br>Scattering sahuaro cactus.  |
|        | North on true line bet. secs. 25 and 30.<br>Over nearly level land draining NE. thru scattering undergrowth.  |
| 21.00  | Wash, 100 lks. wide, course NE.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |

Survey: West Bdy.: T. 11 S., R. 11 W.

40

Chains

 $\frac{1}{4}$ 

S25 | S30

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

41.40 Road, bears NW. and SE.

46.00 Wash, 20 lks. wide, course N. 10° E.

60.00 Wash, 100 lks. wide, course N. 10° E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T11S

|      |      |
|------|------|
| R12W | R11W |
| S24  | S19  |
| S25  | S30  |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy and gravelly, 2nd and 3rd rates.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 19 and 24.

Over nearly level land, draining NE. thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked $\frac{1}{4}$ 

S24 | S19

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked

T11S

|      |      |
|------|------|
| R12W | R11W |
| S13  | S18  |
| S24  | S19  |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy and gravelly, 2nd and 3rd rates.

## Survey: West Bdy. T. 11 S., R. 11 W.

41

## Chains

Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub paloverde,  
and ironwood.  
Scattering sahuaro cactus.

North, bet. secs. 13 and 18.

Over nearly level land, draining NE., thru scattering  
undergrowth.

15.00 Wash, 30 lks. wide, course NE.

17.90 Road, bears NE. and SW.

26.00 Wash, 20 lks. wide, course E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S13 | S18

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins.  
in ground, for cor. of secs. 7, 12, 13, and 18, with  
brass cap marked

T11S

|      |      |
|------|------|
| R12W | R11W |
| S12  | S 7  |
| S13  | S18  |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level,  
Soil, sandy, and gravelly, 2nd and 3rd rates.  
Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub paloverde  
and ironwood.  
Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over nearly level land, draining northeasterly thru  
scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

S12 | S7

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

## Survey: West Bdy. of T. 11 S., R. 11 W.

42

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

|      |      |
|------|------|
| T11S |      |
| R12W | R11W |
| S1   | S6   |
| S12  | S7   |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 1 and 6.

Over nearly level land, draining northerly thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$

|    |    |
|----|----|
| S1 | S6 |
|----|----|

1940

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

98.40 Intersect the cor. of Ts. 10 S., Rs. 11 and 12 W., reestablished in original position in 1937, which is an iron post 3 ins. in diam., projecting 10 ins. above ground, properly marked on brass cap, firmly set in ground alongside old 4x4 in. redwood post which monumented the original Tp. cor. No accessories.

This cor. monument now additionally refers to Ts. 11 S., Rs. 11 and 12 W., therefore change the marking on the brass cap to read

|      |      |
|------|------|
| T10S |      |
| R12W | R11W |
| S36  | S31  |
| S 1  | S 6  |

T11S

1937

1940

raise a mound of

stone,  $3\frac{1}{2}$  ft. base, 2 ft. high, S. of cor.

A U. S. G. S. bench mark bears S.42° 10' W., 65 lks. dist., which is a concrete monument 6x10x8 ins. above

Survey: West Bdy.: T. 11 S., R. 11 W.

Chains

ground, firmly set, with brass tablet marked "8M 1927  
Elevation Above Sea Level 551 Feet".

Four peaks in the Mohawk Mts. individually bear:  
S. 8° 23' W.; S. 23° 08' W.; S. 33° 25' W.; and  
S. 80° W.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo  
verde and ironwood.

Scattering sahuaro cactus.

Survey: South Bdy.: T. 14 S., R. 12 W.

44

|        |  |
|--------|--|
| Chains | <p>From the cor. of Ts. 14 and 15 S., Rs. 11 and 12 W., established under this group as described in field notes of survey of W. bdy. of Frac. T. 15 S., R. 11 W.</p> <p>West, bet. secs. 1 and 36.</p> <p>Over nearly level land, draining SW. thru scattering undergrowth.</p> <p>4.20 Wash, 20 lks. wide, course SW.</p> <p>33.00 Dim road, bears NW. and SE. Old road used by early travellers bet. Mexico and California.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> $\frac{1}{4} \begin{array}{r} S 36 \\ S 1 \end{array}$ <p>1940</p> <p>dig pits 18x18x12 ins., one each E. and W. of cor., 3 ft. dist.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked</p> $\begin{array}{c} T14S R12W \\ S35   S36 \\ S 2   S 1 \\ T15S \end{array}$ <p>1940</p> <p>dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.</p> <p>Land, nearly level.<br/>Soil, sandy, 3rd rate.<br/>Timber, none.<br/>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.<br/>Scattering sahuaro cactus.</p> <hr/> <p>West, bet. secs. 2 and 35.</p> <p>Over nearly level land, draining SW. thru scattering undergrowth.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> $\frac{1}{4} \begin{array}{r} S 35 \\ S 2 \end{array}$ <p>1940</p> <p>dig pits 18x18x12 ins., one each, E. and W. of cor., 3 ft. dist.</p> <p>Thence over gently rolling land, thru low sand dunes and very scattering undergrowth.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, with a stone marked with a cross (X) deposited at base, for cor. of secs. 2, 3, 34 and 35, with brass cap marked</p> |
|--------|--|



Survey: South.Bdy.: T. 14 S., R. 12 W.

45

Chains

|           |     |
|-----------|-----|
| T14S R12W |     |
| S34       | S35 |
| S3        | S2  |
| T15S      |     |

1940

pits impracticable.

Land, nearly level and gently rolling.

Soil, sandy, 3rd and 4th rates.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

West, bet. secs. 3 and 34.

Over gently rolling land, thru low sand dunes, and very scattering undergrowth.

24.00 Wash, 50 lks. wide, course SW.

35.00 Leave low sand dunes, bear NE. and SW. Continue over nearly level land, thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S\ 34}{S\ 3}$$

1940

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

|           |     |
|-----------|-----|
| T14S R12W |     |
| S33       | S34 |
| S4        | S3  |
| T15S      |     |

1940

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, gently rolling and nearly level.

Soil, sandy, 3rd and 4th rates.

Undergrowth, greasewood, sagebrush, cacti, catclaw, scrub palo verde and ironwood.

Timber, none.

Scattering sahuaro cactus.

West, bet. secs. 4 and 33.

Over nearly level land, thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S\ 33}{S\ 4}$$

1940

Survey: South.Bdy.: T. 14 S., R. 12 W.

46

Chains

raise a mound of  
stone, 2½ ft. base, 1½ ft. high, N. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

|           |     |
|-----------|-----|
| T14S.R12W |     |
| S32       | S33 |
| S5        | S4  |
| T15S      |     |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.  
Soil, sandy, 3rd rate.  
Timber, none.  
Undergrowth, greasewood, sagebrush and cacti.  
Scattering sahuaro cactus.

---

West, bet. secs. 5 and 32.

Over nearly level land, thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for ¼ sec. cor., with brass cap marked

|   |      |
|---|------|
| ¼ | S 32 |
|   | S 5  |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, N. of cor.

58.00 Leave nearly level and enter gently rolling land in low sand dunes bearing NE. and SW. Undergrowth becomes very scattering.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, and deposit a stone marked with a cross (X) at base of post for cor. of secs. 5, 6, 31 and 32, with brass cap marked

|           |     |
|-----------|-----|
| T14S R12W |     |
| S31       | S32 |
| S6        | S5  |
| T15S      |     |

1940

Pits impracticable, and stones for mound not available.

Land, nearly level and gently rolling.  
Soil, sandy, 3rd and 4th rates.  
Timber, none.  
Undergrowth, greasewood, sagebrush, scrub palo verde and ironwood.  
Scattering sahuaro cactus.

---

West, bet. secs. 6 and 31.

Over gently rolling land, thru low sand dunes and very scattering undergrowth.

Survey: South Bdy.: T. 14 S., R. 12 W.

47

## Chains

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, with a stone marked with a cross (X) deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S31}{S6}$$

1940

Pits impracticable, and stones for mound not available.

Continue over gently rolling land, thru low sand dunes and very scattering undergrowth.

79.54 Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in ground and in a small mound of stone for cor. of Ts. 14 and 15 S., Rs. 12 and 13 W., with brass cap marked

|      |      |
|------|------|
| T14S |      |
| T13W | R12W |
| S36  | S31  |
| S 1  | S 6  |
| T15S |      |
| 1940 |      |

Pits impracticable, and stones for mound not available.

Stones in the mound raised around the post were transported from a remote location.

The highest peak in the Pinacate Mts. in Mexico bears S.  $6^{\circ} 43'$  E.

Other peaks in same mts. individually bear, S.  $15\frac{1}{4}^{\circ}$  W., S.  $74^{\circ} 17'$  W., and S.  $68^{\circ} 36'$  W.

Other peaks in the Pinta Mts. bear N.  $79^{\circ} 25'$  E., and N.  $80^{\circ} 27'$  E., and a saddle bears N.  $85\frac{3}{4}^{\circ}$  E.

Land, gently rolling.

Soil, sandy, 4th rate.

Timber, none.

Undergrowth, greasewood, sagebrush, and cacti.

## Survey: East Bdy.: Frac. T. 15 S., R. 13 W.

48

|        |   |
|--------|---|
| Chains | <p>From the cor. of Ts. 14 and 15 S., Rs. 12 and 13 W., established under this group as hereinbefore described.</p> <p>South, bet. secs. 1 and 6.</p> <p>Over gently rolling land, thru low sand dunes and very scattering undergrowth.</p> <p>20.00 Leave sand dunes, bearing E. and W., and enter nearly level land, scattering undergrowth.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math>\frac{1}{4}</math><br/> S1   S6<br/> 1940 </div> <p style="text-align: right;">dig pits 24x24x12 ins.,<br/>one each N. and S. of cor., 3 ft. dist.</p> <p>50.00 Enter gently rolling land, in low sand dunes, bearing NE. and W. Undergrowth becomes very scattering.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground and raise a mound of stone around post for cor. of secs. 1, 6, 7, and 12, with brass cap marked</p> <div style="text-align: center;"> T15S<br/> R13W   R12W<br/> S1   S6<br/> -----<br/> S12   S7<br/> 1940 </div> <p>Pits are impracticable, and no stones are available for a mound alongside. The stones used to raise mound around the post had to be transported from a remote location.</p> <p>The S. end of a black hill bears S. 59° 50' E., about 4 m. dist.</p> <p>The highest peak in the Pinta Mts. bears N. 4° 05' E.</p> <p>A peak bears N. 50° W.</p> <p>Land, gently rolling and nearly level.<br/>Soil, sandy, 4th rate.<br/>Timber, none.<br/>Undergrowth, greasewood, sagebrush, and cacti.</p> |
| 40.00  | <p>South, bet. secs. 7 and 12.</p> <p>Over gently rolling land, thru low sand dunes and very scattering undergrowth.</p> <p>Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground and raise a mound of stone around post, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math>\frac{1}{4}</math><br/> S12   S7<br/> 1940 </div>   |

Survey: East Bdy.: Frac. T. 15 S., R. 13 W.

49

|        |  |      |      |     |     |     |     |
|--------|--|------|------|-----|-----|-----|-----|
| Chains | <p>Pits are impracticable, and no stones are available for a mound alongside. The stones used in raising the mound around the post had to be transported from a remote location.</p>   |      |      |     |     |     |     |
| 75.00  | <p>Leave sand dunes, bearing NE. and W. Thence over nearly level land, thru scattering undergrowth. Soil becomes gravelly and rocky.</p>   |      |      |     |     |     |     |
| 80.00  | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked</p> <div style="text-align: center;"> <p>T15S</p> <table border="1" style="margin: auto;"> <tr> <td>R13W</td> <td>R12W</td> </tr> <tr> <td>S12</td> <td>S 7</td> </tr> <tr> <td>S13</td> <td>S18</td> </tr> </table> <p>1940</p> </div> <p style="text-align: right;">raise a mound of<br/>stone, 3½ ft. base, 2½ ft. high, W. of cor.</p> <p>Land, gently rolling and nearly level.<br/>Soil, sandy, gravelly and rocky, 4th rate.<br/>Timber, none.<br/>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde, ironwood and mesquite.</p> | R13W | R12W | S12 | S 7 | S13 | S18 |
| R13W   | R12W   |      |      |     |     |     |     |
| S12    | S 7  |      |      |     |     |     |     |
| S13    | S18  |      |      |     |     |     |     |
|        | <p>South, bet. secs. 13 and 18.</p> <p>Over nearly level land, thru scattering undergrowth.</p>  |      |      |     |     |     |     |
| 14.60  | <p>Road, bears E. and W. Extends westerly to Tule Well and easterly to Papago Well.</p>  |      |      |     |     |     |     |
| 23.00  | <p>Leave nearly level and enter gently rolling land, rocky soil, malpais formation.</p>  |      |      |     |     |     |     |
| 40.00  | <p>Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked</p> <div style="text-align: center;"> <p>¼</p> <p>S13   S18</p> <p>1940</p> </div> <p>Continue over gently rolling, rocky land, draining NW., thru scattering undergrowth.</p>   |      |      |     |     |     |     |
| 80.00  | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked</p> <div style="text-align: center;"> <p>T15S</p> <table border="1" style="margin: auto;"> <tr> <td>R13W</td> <td>R12W</td> </tr> <tr> <td>S13</td> <td>S18</td> </tr> <tr> <td>S24</td> <td>S19</td> </tr> </table> <p>1940</p> </div> <p style="text-align: right;">raise a mound of<br/>stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, nearly level and gently rolling.<br/>Soil, gravelly and rocky, 3rd and 4th rates.</p>  | R13W | R12W | S13 | S18 | S24 | S19 |
| R13W   | R12W   |      |      |     |     |     |     |
| S13    | S18  |      |      |     |     |     |     |
| S24    | S19  |      |      |     |     |     |     |

Survey: East Bdy.: Frac. T. 15 S., R. 13 W.

50

Chains

Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood and mesquite.

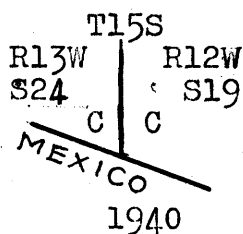
South, bet. frac. secs. 19 and 24.

Over gently rolling, rocky land, malpais formation, draining NW. thru scattering undergrowth.

32.91

Intersect the International Boundary between the United States and Mexico between Mons. Nos. 181 and 182 thereon, at a point 194.55 chs. N.  $69^{\circ} 48'$  W. from Mon. No. 181.

At point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in ground for closing cor. of Frac. Ts. 15 S., Rs. 12 and 13 W., with brass cap marked



Land, gently rolling.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti; scrub palo verde, ironwood and mesquite.

## Survey: West Bdy.: T. 14 S., R. 12 W.

51

Chains

From the cor. of Ts. 14 and 15 S., Rs. 12 and 13 W.,  
established under this group as hereinbefore described.

North, bet. secs. 31 and 36.

Over gently rolling land, thru low sand dunes and very  
scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
ground and raise a mound of stone around post, for  $\frac{1}{4}$   
sec. cor., with brass cap marked

$\frac{1}{4}$   
S36 | S31  
1940

Pits are impracticable, and no stones are available for  
a mound alongside. The stones used in the small mound  
around the post had to be transported from a remote  
locality.

A peak in the Pinta Mts. bears N.  $74^{\circ} 23'$  E., and a  
saddle in same mts. bears N.  $81^{\circ} 07'$  E.

Two peaks in the Pinacate Mts. in Mexico individually  
bear S.  $16^{\circ} 58'$  W., and S.  $71^{\circ} 28'$  W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in  
ground with a stone marked with a cross (X) deposited at  
base, for cor. of secs. 25, 30, 31, and 36, with brass  
cap marked

T14S  
R13W | R12W  
S25 | S30  
S36 | S31

1940

raise a mound of  
stone,  $2\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor. Stone for  
mound transported from a remote locality.

A high peak in the Pinta Mts. bears N.  $6^{\circ} 26'$  E.,  
Another peak in same mts. bears N.  $76\frac{1}{2}^{\circ}$  E., and  
A pass bears N.  $82^{\circ}$  E.

A cone shaped peak in the Pinacate Mts. in Mexico, bears  
S.  $66^{\circ} 27'$  W.

Cabeza Prieta Peak bears N.  $54^{\circ} 37'$  W.

Land, gently rolling.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde  
and ironwood.

North, bet. secs. 25 and 30.

Over gently rolling land, thru low sand dunes and very  
scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in  
ground with a stone marked with a cross (X) deposited  
at base for  $\frac{1}{4}$  sec. cor., with brass cap marked

Survey: West Bdy.: T. 14 S., R. 12 W.

52

|        |   |
|--------|---|
| Chains |   |
|        | $\frac{1}{4}$<br>S25   S30  |
|        | 1940  |
|        | <p style="text-align: right;">raise a mound of<br/>stone, 2½ ft. base, 1½ ft. high, W. of cor. Stones<br/>for mound transported from a remote locality.</p>                           |
|        | A pass in the Pinta Mts. bears N. 89° 50' E.  |
|        | A peak in the same mts. bears N. 84° 45' E.   |
|        | A peak in same mts. bears S. 13° 53' W.   |
|        | A peak in the Pinacate Mts. in Mexico bears S. 66° W.   |
| 65.00  | Leave gently rolling sand dunes and enter nearly level washed or overflow land; bearing NW. and SE., draining SE. Medium undergrowth.   |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, with a stone marked with a cross (X) deposited at base, for cor. of secs. 19, 24, 25, and 30, with brass cap marked |
|        | T14S  |
|        | R13W   R12W   |
|        | S24   S19   |
|        | S25   S30   |
|        | 1940  |
|        | <p style="text-align: right;">raise a mound of<br/>stone, 2½ ft. base, 1½ ft. high, W. of cor.</p>  |
|        | Land, gently rolling and nearly level.  |
|        | Soil, sandy, 3rd rate.  |
|        | Timber, none.   |
|        | Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.   |
|        | North, bet. secs. 19 and 24.  |
|        | Over nearly level land, thru medium undergrowth, in washed or overflow land, draining SE.   |
| 5.00   | Leave washed or overflow land, bears NW. and SE. Continue over nearly level land, thru scattering undergrowth. Asc. gradually over SW. slope.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground and raise a mound of stone around post for ¼ sec. cor., with brass cap marked   |
|        | $\frac{1}{4}$<br>S24   S19  |
|        | 1940  |
|        | <p style="text-align: right;">dig pits 18x18x12 ins.<br/>one each N. and S. of cor., 3 ft. dist.</p>  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground for cor. of secs. 13, 18, 19, and 24, with brass cap marked  |



Survey: West Bdy.: T. 14 S., R. 12 W.

53

Chains

|      |      |
|------|------|
| T143 |      |
| R13W | R12W |
| S13  | S18  |
| S24  | S19  |

1940

dig pits 18x18x12 ins.  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

North, bet. secs. 13 and 18.

Over nearly level land, draining SW. thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, and raise a small mound of stone around post, for  $\frac{1}{4}$  sec. cor., with brass cap marked

|               |     |
|---------------|-----|
| $\frac{1}{4}$ |     |
| S13           | S18 |

1940

dig pits 18x18x12 ins.,  
one each N. and S. of cor.; 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 7, 12, 13, and 18, with brass cap marked

|      |      |
|------|------|
| T143 |      |
| R13W | R12W |
| S12  | S7   |
| S13  | S18  |

1940

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

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde, and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over nearly level land draining SW., thru scattering undergrowth.

14.50 Wash; 20 fks. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground and raise a mound of stone around post for  $\frac{1}{4}$  sec. cor., with brass cap marked

Survey: West Bdy.; T. 14 S., R. 12 W.

54

$\frac{1}{4}$   
 S12 | S7  
 1940

dig pits 18x18x12 ins.,  
one each N. and S. of cor., 3 ft. dist.

42.20 Wash, 30 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long; 2 ins. in diam., 27 ins. in ground, for cor. of secs. 1, 6, 7, and 12, with brass cap marked

T14S  
 R13W | R12W  
 S1 | S6  
 ---  
 S12 | S7

1940

dig pits 18x18x12 ins.,  
one each NE, SE., SW., and NW. of cor., 3 ft. dist.

A pass in the Pinta Mts. bears S.  $64\frac{1}{2}^{\circ}$  E.

A peak in same mts. bears S.  $67^{\circ} 10'$  E.

A cone shaped peak in the Pinacate Mts. in Mexico bears S  $52\frac{1}{2}^{\circ}$  W.

Cabeza Prieta Peak bears N.  $74\frac{1}{2}^{\circ}$  W.

Land, nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth; greasewood, sagebrush, cacti, scrub palo verde, and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 1 and 6.

Over nearly level land draining SW. thru scattering undergrowth.

2.50 Old road, bears N.  $70^{\circ}$  W. and S.  $70^{\circ}$  E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
 S1 | S6  
 1940

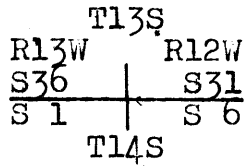
dig pits 18x18x12 ins.,  
one each N. and S. of cor., 3 ft. dist.

74.40 Wash, 50 lks. wide, course S.  $80^{\circ}$  W.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in ground, for cor. of Ts. 13 and 14 S., Rs. 12 and 13 W., with brass cap marked

Survey: West Bdy.: T. 14 S., R. 12 W.

Chains



1941

raise a mound of stone, 3½ ft. base, 2½ ft. high, S. of cor.

Land, nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

Survey: North Bdy, : T: 14 S., R. 12 W.

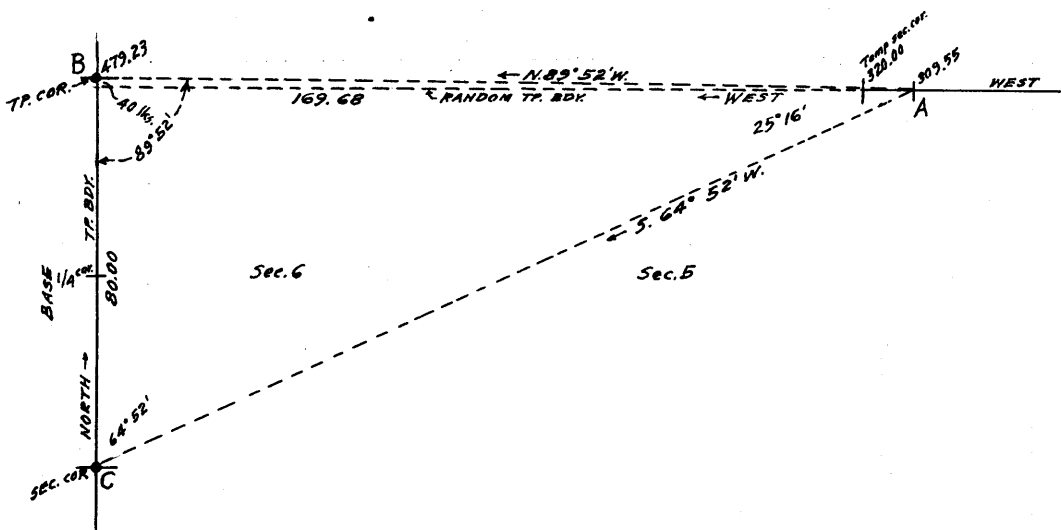
56

Chains

From the cor. of Ts. 13 and 14 S., Rs. 11 and 12 W. West, on random line, setting temp. cors. at 40 ch. intervals.

309.55 Crest of main ridge of the Pinta Mts., bears N. and S., designated point "A" of triangulation. Continue chaining.

320.00 Set temp. cor. of secs. 4, 5, 32 and 33. Beyond this point precipitous broken slopes render chaining impracticable for  $\frac{1}{2}$  mile, therefore discontinue chaining at this point, and triangulate measurement of the random Tp. bdy. from 309.55 ch. station to the cor. of Ts. 13 and 14 S., Rs. 12 and 13 W. as follows:



Set flag "B" on the cor. of Ts. 13 and 14 S., Rs. 12 and 13 W. which bears N.  $89^{\circ} 52'$  W. from triangulation point "A" (309.55 ch. station) with a vertical angle of  $-6^{\circ} 50'$ .

Set flag "C" on the cor. of secs. 1, 6, 7 and 12 on the W. bdy. of T. 14 S., R. 12 W., which bears S.  $64^{\circ} 52'$  W. from triangulation point "A".

Included angles of triangle "A-B-C" are:  $25^{\circ} 16'$ ,  $89^{\circ} 52'$ , and  $64^{\circ} 52'$ , the sum of which is  $180^{\circ} 00'$ .

Base for the triangulation is the W. bdy. of T. 14 S., R. 12 W. bet. secs. 1 and 6, North, 80.00 chs. (C-B) chained as hereinbefore described.

The dist. from "A" to "B" determined by this triangulation is therefore 169.68 chs. N.  $89^{\circ} 52'$  W., the latitude and departure of which is 40 lks. N. and 169.68 chs. W.

Chained dist. on random Tp. bdy. to "A" = 309.55 chs. W.

Departures of line "A-B" = 169.68 chs. W.

Total departure of Tp. bdy. = 479.23 chs. W.

The random Tp. bdy. extended W. from "A" will therefore at

479.23 Intersect N. and S. line at 40 lks. S. from the cor. of Ts. 13 and 14 S., Rs. 12 and 13 W., established under this group as hereinbefore described.

Thence

Survey: North Bdy.: T. 14 S., R. 12 W.

57

|        |   |
|--------|---|
| Chains | S. 89° 57' E. on true line, bet. secs. 6 and 31.<br>(chaining measurement.)   |
|        | Over nearly level land, draining southwesterly, thru scattering undergrowth.  |
| 8.60   | Wash, 20 lks. wide, course SW.  |
| 15.00  | Wash, 50 lks. wide, course SW.  |
| 28.40  | Wash, 150 lks. wide, course SW.   |
| 39.23  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\frac{1}{4} \begin{array}{c} S 31 \\ S 6 \end{array}$  |
|        | 1941  |
|        | raise a mound of<br>stone, 3 ft. base, 2 ft. high, N. of cor.   |
| 43.00  | Wash, 20 lks. wide, course SW.  |
| 54.00  | Wash, 30 lks. wide, course SW. Leave nearly level and enter mountainous land (Pinta Mts.) Asc. 372 ft. over SW. slope.  |
| 69.24  | Spur, slopes NW.; asc. 44 ft. over N. slope.  |
| 74.30  | Head of wash, course NW.; asc. 242 ft. over NW. slope to  |
| 79.08  | Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, over a cross (X) chiseled thereon and in a mound of stone to top, for witness cor. to cor. of secs. 5, 6, 31 and 32, with brass cap marked         |
|        | $\begin{array}{c} T13S R12W \\ S31   S32 \\ S6   S5 \\ T14S \end{array} WC$   |
|        | 1941  |
| 79.15  | Foot of cliff, bears NE. and SW. Asc. over NW. face of same.  |
| 79.23  | True point for cor. of secs. 5, 6, 31 and 32, is on the face of a cliff where it is impracticable to monument same therefore, establish witness cor. at 15 lks. N. 89° 57' W. described above.                        |
|        | Land, W. 54 chs. nearly level, E. 25.23 chs. mountainous. Soil, sandy, gravelly and rocky, 3rd and 4th rates. Timber, none. Undergrowth, greasewood, cacti, scrub palo verde and ironwood. Scattering sahuaro cactus. |
|        | From true point for cor. of secs. 5, 6, 31 and 32, S. 89° 57' E. on true line bet. secs. 5 and 32. Over mountainous land, thru scattering undergrowth. Asc. over NW. face of cliff.                                   |

Survey: North Bdy.: T. 14 S., R. 12 W.

58

|           |   |           |  |     |     |    |    |      |  |
|-----------|---|-----------|--|-----|-----|----|----|------|--|
| Chains    |   |           |  |     |     |    |    |      |  |
| 0.20      | Top of cliff, bears NE. and SW., facing NW. Asc. 270 ft. over NW. slope.  |           |  |     |     |    |    |      |  |
| 4.90      | Spur, slopes SW.; desc. 791 ft. over broken SE. slope.  |           |  |     |     |    |    |      |  |
| 29.50     | Foot of descent, bears NE. and SW. Enter bottom of canyon.  |           |  |     |     |    |    |      |  |
| 34.30     | Wash, 30 lks. wide, course SW. Leave bottom of canyon; asc. 206 ft. over steep W. slope to  |           |  |     |     |    |    |      |  |
| 40.00     | Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked  |           |  |     |     |    |    |      |  |
|           | $\frac{1}{4} \frac{S \ 32}{S \ 5}$  |           |  |     |     |    |    |      |  |
|           | 1941  |           |  |     |     |    |    |      |  |
|           | Discontinue chaining. Measurement to sec. cor. by triangulation hereinbefore described.   |           |  |     |     |    |    |      |  |
|           | Asc. about 400 ft. over precipitous broken SW. slope to   |           |  |     |     |    |    |      |  |
| 53.00     | (Approximate) Bottom of gulch, course SW. Asc. about 400 ft. over steep broken SW. slope.   |           |  |     |     |    |    |      |  |
| 80.00     | Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, over a cross (X) chiseled thereon and in a mound of stone to top, for cor. of secs. 4, 5, 32 and 33, with brass cap marked   |           |  |     |     |    |    |      |  |
|           | <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T13S R12W</td></tr> <tr><td style="text-align: center;">S32</td><td style="text-align: center;">S33</td></tr> <tr><td style="text-align: center;">S5</td><td style="text-align: center;">S4</td></tr> <tr><td colspan="2" style="text-align: center;">T14S</td></tr> </table> | T13S R12W |  | S32 | S33 | S5 | S4 | T14S |  |
| T13S R12W |   |           |  |     |     |    |    |      |  |
| S32       | S33   |           |  |     |     |    |    |      |  |
| S5        | S4  |           |  |     |     |    |    |      |  |
| T14S      |   |           |  |     |     |    |    |      |  |
|           | 1941  |           |  |     |     |    |    |      |  |
|           | Land, mountainous.<br>Soil, rocky, 4th rate.<br>Timber, none.<br>Undergrowth, greasewood, cacti, scrub palo verde and ironwood.   |           |  |     |     |    |    |      |  |
|           | S. 89° 57' E. on true line bet. secs. 4 and 33.<br>Over mountainous land, thru scattering undergrowth.<br>Asc. 291 ft. over steep, broken SW. slope.  |           |  |     |     |    |    |      |  |
| 10.45     | Sharp, broken crest of the Pinta Mts. about 10 lks. wide, bears N. and S. Desc. 1107 ft. over steep, broken E. slope to   |           |  |     |     |    |    |      |  |
| 40.00     | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |           |  |     |     |    |    |      |  |
|           | $\frac{1}{4} \frac{S \ 33}{S \ 4}$  |           |  |     |     |    |    |      |  |
|           | 1941  |           |  |     |     |    |    |      |  |
|           | raise a mound of<br>stone, 3 ft. base, 2 ft. high, N. of cor.   |           |  |     |     |    |    |      |  |
|           | Desc. 127 ft. over E. slope.  |           |  |     |     |    |    |      |  |

Survey: North Bay.: T. 14 S., R. 12 W.

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| Chains        |  |               |      |     |     |    |    |      |  |
|---------------|--|---------------|------|-----|-----|----|----|------|--|
| 51.10         | Wash, 50 lks. wide, course NE. Thence across bottom of canyon.   |               |      |     |     |    |    |      |  |
| 53.60         | Leave bottom of canyon; asc. 268 ft. over NW. slope.   |               |      |     |     |    |    |      |  |
| 62.60         | Spur, slopes N.; desc. 112 ft. over E. slope.  |               |      |     |     |    |    |      |  |
| 66.70         | Head of wash, course N.; asc. 344 ft. over W. slope.   |               |      |     |     |    |    |      |  |
| 75.00         | Spur, slopes N.; desc. 202 ft. over E. slope to  |               |      |     |     |    |    |      |  |
| 80.00         | Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for cor. of secs. 3, 4, 33 and 34, with brass cap marked                         |               |      |     |     |    |    |      |  |
|               | <table border="0"> <tr> <td>TI3S</td> <td>R12W</td> </tr> <tr> <td>S33</td> <td>S34</td> </tr> <tr> <td>S4</td> <td>S3</td> </tr> <tr> <td colspan="2" style="text-align: center;">T14S</td> </tr> </table>            | TI3S          | R12W | S33 | S34 | S4 | S3 | T14S |  |
| TI3S          | R12W   |               |      |     |     |    |    |      |  |
| S33           | S34  |               |      |     |     |    |    |      |  |
| S4            | S3   |               |      |     |     |    |    |      |  |
| T14S          |  |               |      |     |     |    |    |      |  |
|               | 1941   |               |      |     |     |    |    |      |  |
|               | Land, mountainous.<br>Soil, rocky, 4th rate.<br>Timber, none.<br>Undergrowth, greasewood, cacti, scrub palo verde and ironwood.<br>Scattering sahuaro cactus.  |               |      |     |     |    |    |      |  |
|               | S. 89° 57' E. on true line bet. secs. 3 and 34.<br>Over mountainous land, thru scattering undergrowth.<br>Desc. 415 ft. over E. slope.   |               |      |     |     |    |    |      |  |
| 19.30         | Wash, 30 lks. wide, course NE.; asc. 97 ft. over NW. slope.  |               |      |     |     |    |    |      |  |
| 26.80         | Spur, slopes NE. Desc. 120 ft. over E. slope to  |               |      |     |     |    |    |      |  |
| 35.00         | Enter rolling land. Desc. 29 ft. over E. slope to  |               |      |     |     |    |    |      |  |
| 40.00         | Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked |               |      |     |     |    |    |      |  |
|               | <table border="0"> <tr> <td><math>\frac{1}{4}</math></td> <td>S 34</td> </tr> <tr> <td></td> <td>S 3</td> </tr> </table>   | $\frac{1}{4}$ | S 34 |     | S 3 |    |    |      |  |
| $\frac{1}{4}$ | S 34   |               |      |     |     |    |    |      |  |
|               | S 3  |               |      |     |     |    |    |      |  |
|               | 1941   |               |      |     |     |    |    |      |  |
|               | Desc. 15 ft. over E. slope.  |               |      |     |     |    |    |      |  |
| 42.80         | Wash, 20 lks. wide, course N.; asc. 32 ft. over W. slope.  |               |      |     |     |    |    |      |  |
| 46.10         | Spur, slopes N.; desc. 49 ft. over NE. slope to  |               |      |     |     |    |    |      |  |
| 50.00         | Foot of slope, bears NW. and SE. Leave rolling and enter nearly level land in Mohawk Valley, draining NE.  |               |      |     |     |    |    |      |  |
| 60.40         | Wash, 20 lks. wide, course NE. Enter gently rolling land. Asc. gradually over SW. slope.   |               |      |     |     |    |    |      |  |
| 63.50         | Top of ascent on S. side of low knoll. Desc. gradually over SE. slope.   |               |      |     |     |    |    |      |  |
| 70.60         | Wash, 20 lks. wide, course NE. Enter nearly level land.  |               |      |     |     |    |    |      |  |

Survey: North Bdy.: T. 14 S., R. 12 W.

60

|                 |   |               |      |     |     |    |    |      |  |
|-----------------|---|---------------|------|-----|-----|----|----|------|--|
| Chains<br>80.00 | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for cor. of secs. 2, 3, 34 and 35, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S</td><td>R12W</td></tr> <tr><td>S34</td><td>S35</td></tr> <tr><td>S3</td><td>S2</td></tr> <tr><td colspan="2" style="text-align: center;">T14S</td></tr> </table> <p style="text-align: center;">1941</p> <p>Land, mountainous, rolling, nearly level and gently rolling.<br/>Soil, gravelly and rocky, 4th rate.<br/>Timber, none.<br/>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.<br/>Scattering sahuaro cactus.</p> <hr/> <p>S. 89° 57' E. on true line bet. secs. 2 and 35.</p> <p>Over nearly level land in Mohawk Valley thru scattering undergrowth.</p> | T13S          | R12W | S34 | S35 | S3 | S2 | T14S |  |
| T13S            | R12W  |               |      |     |     |    |    |      |  |
| S34             | S35   |               |      |     |     |    |    |      |  |
| S3              | S2  |               |      |     |     |    |    |      |  |
| T14S            |   |               |      |     |     |    |    |      |  |
| 12.30           | Wash, 20 lks. wide, course SE. for 4 chs., thence E.  |               |      |     |     |    |    |      |  |
| 40.00           | <p>Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td><math>\frac{1}{4}</math></td><td>S 35</td></tr> <tr><td></td><td>S 2</td></tr> </table> <p style="text-align: center;">1941</p> <p style="text-align: right;">raise a mound of<br/>stone, 3 ft. base, 2 ft. high, N. of cor.</p>   | $\frac{1}{4}$ | S 35 |     | S 2 |    |    |      |  |
| $\frac{1}{4}$   | S 35  |               |      |     |     |    |    |      |  |
|                 | S 2   |               |      |     |     |    |    |      |  |
| 62.70           | Wash, 40 lks. wide, course NE.  |               |      |     |     |    |    |      |  |
| 80.00           | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S</td><td>R12W</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td>S2</td><td>S1</td></tr> <tr><td colspan="2" style="text-align: center;">T14S</td></tr> </table> <p style="text-align: center;">1941</p> <p style="text-align: right;">raise a mound of<br/>stone, 4 ft. base, 3 ft. high, W. of cor.</p> <p>Land, nearly level.<br/>Soil, sandy and gravelly, 3rd rate.<br/>Timber, none.<br/>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.<br/>Scattering sahuaro cactus.</p> <hr/> <p>S. 89° 57' E. on true line bet. secs. 1 and 36.</p> <p>Over nearly level land, draining NE., in Mohawk Valley, thru scattering undergrowth.</p>                            | T13S          | R12W | S35 | S36 | S2 | S1 | T14S |  |
| T13S            | R12W  |               |      |     |     |    |    |      |  |
| S35             | S36   |               |      |     |     |    |    |      |  |
| S2              | S1  |               |      |     |     |    |    |      |  |
| T14S            |   |               |      |     |     |    |    |      |  |
| 38.00           | Wash, 15 lks. wide, course NE.  |               |      |     |     |    |    |      |  |



Survey: North Bdy.: T. 14 S., R. 12 W.

61

| Chains |   |
|--------|---|
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\frac{1}{4} \quad \frac{S \ 36}{S \ 1}$  |
|        | 1941  |
|        | raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, N. of cor.  |
| 49.50  | Wash, 10 lks. wide, course NE.  |
| 80.00  | Intersect the cor. of Ts. 13 and 14 S., Rs. 11 and 12 W., established under this group as described in field notes of survey of E. bdy. of T. 14 S., R. 12 W. |
|        | Land, nearly level.   |
|        | Soil, sandy, and gravelly, 3rd rate.  |
|        | Timber, none.   |
|        | Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.   |
|        | Scattering sahuaro cactus.  |

Survey: East Bdy.: T. 13 S., R. 13 W.

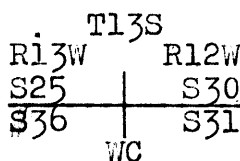
62

| Chains |  |
|--------|--|
|        | From the cor. of Ts. 13 and 14 S., Rs. 12 and 13 W., established under this group as hereinbefore described, North, bet. secs. 31 and 36.  |
|        | Over nearly level and gently rolling land, draining SW. thru scattering undergrowth.   |
| 3.00   | Wash, 15 lks. wide, course W. from NE.   |
| 20.60  | Wash, 20 lks. wide, course SW.   |
| 38.60  | Wash, 100 lks. wide, course NW. Enter mountainous land (Pinta Mts.). Asc. 15 ft. over SW. slope to   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor.; with brass cap marked  |
|        | $\frac{1}{4}$<br>S36   S31<br>1941   |
|        | raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.   |
|        | Asc. 35 ft. over SW. slope.  |
| 42.80  | Spur, slopes W.; desc. 52 ft. over N. slope.   |
| 46.80  | Wash, 40 lks. wide, course W.; asc. 347 ft. over broken SW. slope.   |
| 58.70  | Spur, slopes W.; desc. 105 ft. over NW. slope.   |
| 66.10  | Wash, 50 lks. wide, course SW. Asc. 595 ft. over precipitous broken S. slope, composed of series of granite cliffs bearing NE. and SW., facing S.  |
| 80.00  | True point for cor. of secs. 25, 30, 31 and 36 is on face of a cliff where it is impracticable to monument the same, therefore establish witness cor. at 50 lks. N. as hereinafter described.                    |
|        | Land, nearly level, gently rolling, broken and mountainous. Soil, gravelly and rocky, 3rd and 4th rates. Timber, none. Undergrowth, greasewood, cacti, scrub palo verde and ironwood. Scattering sahuaro cactus. |
|        | From point for cor. of secs. 25, 30, 31 and 36, North, bet. secs. 25 and 30.   |
|        | Over mountainous land (Pinta Mts.) thru scattering undergrowth.  |
|        | Asc. about 5 ft. over S. face of cliff.  |
| 0.20   | Top of cliff, bearing E. and W., facing S., and S. edge of top of a rocky spur sloping W. Thence across nearly level top of spur.  |
| 0.50   | Set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, over a cross (X) chiseled thereon and in a mound of stone to top, for witness cor. to cor. of secs. 25, 30, 31 and 36, with brass cap marked  |

Survey: East Bdy.; T. 13 S., R. 13 W.

63

Chains



1941

- 0.75 N. edge of top of spur, bears E. and W. Leave top of spur and desc. 78 ft. over NW. slope.
- 4.11 Bottom of ravine, course W., asc. 109 ft. over SW. slope.
- 9.60 Spur, slopes W.; desc. 480 ft. over broken N. slope.
- 19.88 Bottom of canyon, 100 lks. wide, course W. At this point the Tp. bdy. crosses the W. or lower of a series of 3 contiguous rock tanks constructed in bottom of canyon for storage of flood water. None of these tanks is large enough to maintain an annual supply of water.
- Asc. 438 ft. over steep SW. slope.
- 31.88 Spur, slopes W.; desc. 503 ft. over precipitous N. slope.
- 39.10 Wash, 100 lks. wide, course W. in bottom of canyon. Asc. 14 ft. over S. slope to
- 40.00 Drill a hole on top of a large granite boulder in place, exposed 8x10x12 ft. above ground and imbed therein, in cement, a brass tablet,  $3\frac{1}{2}$  ins. in diam., with stem 3 ins. long, for  $\frac{1}{4}$  sec. cor., marking the tablet
- $\frac{1}{4}$
- S25 | S30
- 1941
- raise a mound of stone,  $3\frac{1}{2}$  ft. base, 3 ft. high, W. of cor.
- Asc. 96 ft. over S. slope.
- 43.00 Spur, slopes W.; desc. 71 ft. over N. slope to wash.
- 45.80 Point from which a tank bears W. about 1 ch. dist., known as HEART TANK, heart-shaped and 8 ft. x 8 ft. with 5 ft. lobes, containing a permanent supply of water in normal conditions. This was a watering place for early day travellers thru this region. A trail worn 1 ft. deep in places leads to this tank from the edge of the desert about  $\frac{1}{2}$  mile dist. to the west. At the time of the survey, "HEART TANK" was filled with a fair quality of water in spite of its inhabitation by various types of small amphibious life, including multi-colored snakes whose locomotion on the pool's surface was accomplished by rapid circular motions of their tails synchronized with darts of small, red tongues.
- 46.70 Wash, 30 lks. wide, course W.; asc. 756 ft. over SW. slope.
- 61.92 Spur, slopes W.; desc. 399 ft. over N. slope.
- 76.34 Wash, 150 lks. wide in bottom of canyon, course W.; asc. 318 ft. over S. slope to
- 80.00 Drill a hole in exposed surface rock, granite outcropping, and imbed therein, in cement, a brass tablet,  $3\frac{1}{2}$  ins. in

Survey: East Bdy.: T. 13 S., R. 13 W.

64

Chains

diam., with stem 3 ins. long, for cor. of secs. 19, 24, 25 and 30, marking the tablet.

|      |      |
|------|------|
| T13S |      |
| R13W | R12W |
| S24  | S19  |
| S25  | S30  |

1941

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

The westerly slopes of the Pinta Mountains in this vicinity are honey-combed with small and large caves, intermittently inhabited by roving wild mountain sheep.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 19 and 24.

Over mountainous land (Pinta Mts.) thru scattering undergrowth.

Asc. 60 ft. over S. slope.

2.45 Spur, slopes W.; desc. 99 ft. over N. slope.

6.50 Bottom of gulch, 50 lks. wide, course W.; asc. 254 ft. over S. slope.

16.30 Spur, slopes W.; desc. 79 ft. over N. slope.

18.20 Wash, 20 lks. wide, course S.  $70^\circ$  W. Asc. 451 ft. over S. slope.

29.77 Sharp granite crest of main ridge of the Pinta Mts. bears NW. and SE. To the E. the slopes are precipitous, comprising a series of granite cliffs, ranging in height from 100 to several hundred feet: To the W. the slopes, while very rough and broken, are not quite as precipitous. The ridge was travelled for almost its entire length thru this township and along same were noted mountain sheep quarters on both E. and W. slopes, consisting of weather-protecting caves. At times during this survey, progress was halted to permit the agile passing of nomadic bands of these animals along the knifelike crest. From vantage points nearby, these wild mountain sheep intently watched our surveying operations, being especially interested in the red and white flags placed along the line at intervals. These flags, when they could be reached, were devoured by the sheep, whose digestive apparatus apparently can assimilate many strange things.

The highest peak in this range of mountains, with a U.S.C. and G.S. triangulation tower on top, bears S.  $36^\circ 07'$  E.

A sharp peak, in same mts., bears N.  $22^\circ$  W. about 1 mile dist.

A flag at the cor. of secs. 3, 4, 33 and 34, on S. bdy. of T. 13 S., R. 13 W., bears S.  $51^\circ 40'$  W.

Survey: East Bdy.: T. 13 S., R. 13 W.

Chains

Desc. 45 ft. over steep NE. slope to . . .

30.84

Drill a hole in exposed surface rock (granite outcropping) and imbed therein, in cement, a brass tablet,  $3\frac{1}{2}$  ins. in diam., with stem 3 ins. long, for witness cor. to  $\frac{1}{4}$  sec. cor. of secs. 19 and 24, marking the tablet

W.C  
 $\frac{1}{4}$

S24 | S19

1941

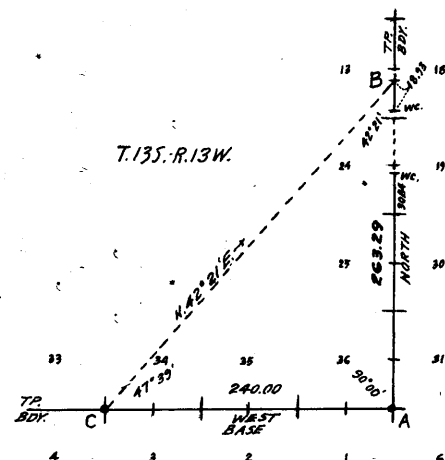
raise a mound of stone,  $3\frac{1}{2}$  ft. base, 3 ft. high, W. of cor.

Discontinue chaining at this witness cor., owing to precipitous broken slopes ahead, and triangulate measurement of the Tp. bdy. to a point on the crest of the main ridge of the Pinta Mts. at its second crossing of the Tp. bdy. N. of the point for cor. of secs. 13, 18, 19 and 24. It is impracticable to obtain a base for triangulation along the line in this vicinity, therefore use the east half of the south bdy. of T. 13 S., R. 13 W., as a base, the line having been previously surveyed under this group, with a due West course, and corners established thereon at 40 ch. intervals counting from the east. The base is therefore West, 240.00 chs.

Designate the cor. of Ts. 13 and 14 S., Rs. 12 and 13 W., as point "A".

Set a flag "B" ahead on Tp. bdy. on crest of main ridge of the Pinta Mts., the vertical angle to which from 29.77 ch. station of Tp. bdy. bet. secs. 19 and 24 is  $0^\circ$ .

Designate the cor. of secs. 3, 4, 33 and 34, on S. bdy. of T. 13 S., R. 13 W., (the W. end of base) as point "C", from which the flag "B" bears N.  $42^\circ 21'$  E.



Included angles of the triangle "A-B-C" are:  $90^\circ 00'$ ,  $42^\circ 21'$  and  $47^\circ 39'$ , the sum of which is  $180^\circ 00'$ .

Triangulated dist. on Tp. bdy. "A" to "B" = 263.29 chs.

Triang. point "B" is therefore located on the Tp. bdy. bet. secs. 13 and 18, at 23.29 chs. N. from true point for cor. of secs. 13, 18, 19 and 24.

Approximate topography of the remainder of mile bet. secs. 19 and 24 is described as follows:

From W.C. to  $\frac{1}{4}$  sec. cor.,

Desc. about 270 ft. over precipitous NE. slope.

37.00

Bottom of gulch, course E. Heads about 3 chs. W. of this point. Asc. about 100 ft. over precipitous broken SE. slope to

40.00

True point for  $\frac{1}{4}$  sec. cor. is in an inaccessible location,

Survey: East Bdy.: T. 13 S., R. 13 W.

66

|        |  |      |  |      |      |     |      |     |     |    |  |      |  |
|--------|--|------|--|------|------|-----|------|-----|-----|----|--|------|--|
| Chains | <p>therefore establish witness cor. on line at a point 9.16 chs. S. as hereinbefore described.</p> <p>Asc. about 200 ft. over SE. slope.</p> <p>52.00 Spur, slopes E.; desc. about 200 ft. over NE. slope.</p> <p>56.00 Bottom of gulch, course E.; asc. about 200 ft. over precipitous broken SE. slope to</p> <p>80.00 True point for cor. of secs. 13, 18, 19 and 24, is on precipitous SE. slope from main ridge of the Pinta Mts., the crest of which bearing N. 10° E. and S. 10° W., is about 1 ch. W. of line. It being impracticable to monument the cor. here, establish witness cor. on line at a point 4.36 chs. N. as hereinafter described.</p> <p>Land, mountainous.<br/>Soil, rocky, 4th rate.<br/>Timber, none.<br/>Undergrowth, greasewood, cacti, scrub paloverde and ironwood.<br/>Scattering sahuaro cactus..</p> <hr/> <p>From true point for cor. of secs. 13, 18, 19 and 24, North, bet. secs. 13 and 18.</p> <p>Over mountainous land, (Pinta Mts.) thru scattering undergrowth.</p> <p>Measurement to 23.29 ch. station by triangulation hereinbefore described, from which point make return measurement of 18.93 chs..</p> <p>South, by chaining to</p> <p>4.36 Drill a hole in top of granite boulder, in place, projecting about 12 ins. above ground, and imbed therein in cement, a brass tablet, 3½ ins. in diam., with stem 3 ins. long, for witness cor. to cor. of secs. 13, 18, 19 and 24, marking the tablet</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td colspan="2">T13S</td></tr> <tr><td>R13W</td><td>R12W</td></tr> <tr><td>S13</td><td>S18.</td></tr> <tr><td>S24</td><td>S19</td></tr> <tr><td colspan="2">WC</td></tr> <tr><td colspan="2">1941</td></tr> </table> </div> <p>raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>This W.C. is at top of precipitous SE. slope, about 50 ft. above the true point for sec. cor., and at SE. edge of crest of the main ridge of the Pinta Mts., bearing N. 10° E. and S. 10° W.</p> <p>Thence, North, chaining continued measurement from sec. cor. point.</p> <p>Across crest of ridge.</p> <p>6.60 Leave crest of main ridge of the Pinta Mts., bearing N. 10° E. and S. 10° W. Desc. 64 ft. over NW. slope.</p> <p>9.88 Head of canyon, course W.; asc. 84 ft. over SW. slope.</p> | T13S |  | R13W | R12W | S13 | S18. | S24 | S19 | WC |  | 1941 |  |
| T13S   |  |      |  |      |      |     |      |     |     |    |  |      |  |
| R13W   | R12W   |      |  |      |      |     |      |     |     |    |  |      |  |
| S13    | S18.   |      |  |      |      |     |      |     |     |    |  |      |  |
| S24    | S19  |      |  |      |      |     |      |     |     |    |  |      |  |
| WC     |  |      |  |      |      |     |      |     |     |    |  |      |  |
| 1941   |  |      |  |      |      |     |      |     |     |    |  |      |  |

Survey: East Bdy.: T. 13 S., R. 13 W.

67

## Chains

23.29

Triangulation point "B" on crest of main ridge of the Pinta Mts., bears NW. and SE.

Center of a low and hardly perceptible divide connecting the Mohawk and Pinta Mts. bears N.  $42\frac{1}{2}^{\circ}$  E., about 6 m. dist.

The highest peak in the Granite Mts. bears N.  $56\frac{3}{4}^{\circ}$  E. about  $17\frac{1}{4}$  m. dist.

A butte in a spur sloping E. from the Pinta Mts. bears N.  $7\frac{3}{4}^{\circ}$  E. about  $\frac{1}{2}$  m. dist.

A peak in the Mohawk Mts. bears N.  $5^{\circ}$  E., about  $13\frac{1}{2}$  m. dist.

The SE. end of a crater-shaped malpais mountain bears S.  $46\frac{1}{2}^{\circ}$  W. about 6 m. dist.

A rocky butte bears S.  $43\frac{1}{2}^{\circ}$  W. about 1 m. dist.

Three buttes individually bear N.  $65^{\circ}$  W., N.  $58^{\circ}$  W. and N.  $50^{\circ}$  W., about  $\frac{1}{2}$  m.,  $\frac{3}{4}$  m., and 1 m. dist., respectively.

The westerly end of a high, rocky spur sloping W. from the main ridge of the Pinta Mts., bears S.  $72\frac{1}{2}^{\circ}$  W. about 1 m. dist.

Beyond the 23.29 ch. station on Tp. bdy. precipitous slopes and cliffs render chaining of measurement of the remainder of the  $S\frac{1}{2}$  of line bet. secs. 13 and 18 impracticable, therefore triangulate as follows:

A chained base from a point on Tp. bdy. in this vicinity is impracticable, and a point ahead is invisible from the base on the S. bdy. of T. 13 S., R. 13 W. used in the previous triangulation made on this line, therefore as a base, use the W. mile of the random S. bdy. of T. 12 S., R. 12 W., previously surveyed N.  $89^{\circ} 57'$  W., setting temp. cors. at 40 ch. intervals, and at 478.62 chs. setting temp. cor. of Ts. 12 and 13 S., Rs. 12 and 13 W.

Set a flag "D" ahead on Tp. bdy. on top of a high spur sloping NE.

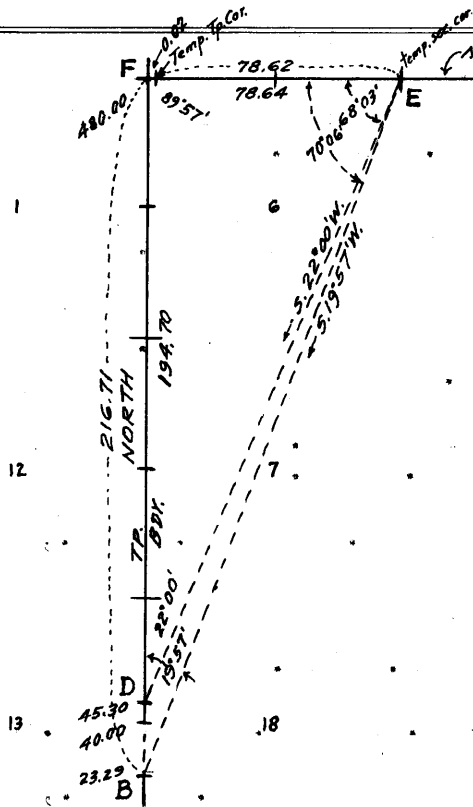
From the temp. cor. of secs. 5, 6, 31 and 32 on random S. bdy. of T. 12 S., R. 12 W., designated as triang. point "E", the flag "B" at 23.29 ch. station on Tp. bdy. bears S.  $19^{\circ} 57'$  W., and the flag "D" bears S.  $22^{\circ} 00'$  W.

Flag "D" bears S. from a point 2 lks. N.  $89^{\circ} 57'$  W. from the temp. cor. of Ts. 12 and 13 S., Rs. 12 and 13 W., therefore move said temp. Tp. cor. to that point which is designated as triang. point "F". The resulting base "E-F" is therefore, N.  $89^{\circ} 57'$  W., 78.64 chs.

Survey: East Bdy.: T. 13 S., R. 13 W.

68

Chains



Included angles of triangle "B-E-F" are: 19° 57'; 70° 06' and 89° 57'; the sum of which is 180° 00'.

Included angles of triangle "D-E-F" are: 22° 00', 68° 03' and 89° 57'; the sum of which is 180° 00'.

B-F = 216.71 chs. North  
 B = 263.29 chs. "

Tp. Bdy. = 480.00 chs. North  
 D-F = 194.70 " "

D = 285.30 chs. North,  
 or at 45.30 ch. station on  
 Tp. bdy. bet. secs. 13 and  
 18.

From 23.29 ch. station descend about 655 ft. to 1/4 sec. cor. over cliffs facing NE. and E.

From triang. point "D" chain return measurement South, 5.30 chs. to

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 base, and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

1/4

S13 | S18

1941

Thence

North, continuing measurement of line bet. secs. 13 and 18, by chaining. Asc. 140 ft. over steep broken SE. slope.

45.30 Triang. point "D" on a high spur of the Pinta Mts. sloping NE. Continue chaining.

Desc. 971 ft. over steep broken N. slope to

76.90 Wash, 50 lks. wide, course NE. Leave mountainous and enter gently rolling land. Desc. gradually over NE. slope to.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in ground; and raise a mound of stone around post, for cor. of secs. 7, 12, 13 and 18, with brass cap marked

T13S

|      |      |
|------|------|
| R13W | R12W |
| S12  | S 7  |
| S13  | S18  |

1941

raise a mound of stone 3 1/2 ft. base, 2 1/2 ft. high, W. of cor.



Chains

Land, S. 77 chs. mountainous; N. 3 chs. gently rolling.  
 Soil, rocky, 4th rate.  
 Timber, none.  
 Undergrowth, greasewood, cacti, scrub palo verde and ironwood.  
 Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over gently rolling land thru scattering undergrowth.

Desc. gradually over NE. slope.

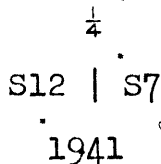
11.30 Wash, 20 lks. wide, course NE. Enter heavily rolling land. Ascend 30 ft. over S. slope.

18.40 Low spur, slopes E.; desc. 48 ft. over N. slope.

20.70 Wash, 30 lks. wide, course NE. from W. Enter gently rolling land. Desc. gradually over E. and NE. slopes to 1/4 sec. cor.

34.00 Wash, 30 lks. wide, course NE.

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



raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Desc. slightly over N. slope to

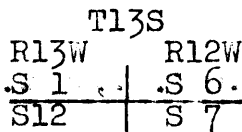
40.80 Wash, 20 lks. wide, course E. Enter mountainous land. Asc. 139 ft. over SE. slope.

45.70 Spur, slopes E.; desc. 165 ft. over NE. slope to

55.00 Foot of slope bears NW. and SE. Enter gently rolling land. Desc. gradually over NE. slope.

63.30 Wash, 15 lks. wide, course NW. Enter nearly level land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked



1941

raise a mound of stone, 3 1/2 ft. base, 2 1/2 ft. high, W. of cor.

Land, gently and heavily rolling, mountainous, and nearly level.

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

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

Survey: East Bdy.: T. 13 S., R. 13 W.

70

| Chains |   |
|--------|---|
|        | North bet. secs. 1 and 6.   |
|        | Over nearly level land, draining NE., thru scattering undergrowth.  |
| 5.00   | Wash, 25 lks. wide, course NE.  |
| 16.20  | Wash, 20 lks. wide, course NE.  |
| 21.90  | Wash, 8 lks. wide, course NE.   |
| 29.00  | Wash, 10 lks. wide, course NE.  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked                     |
|        | $\frac{1}{4}$<br>S1   S6<br>1941  |
|        | raise a mound of stone,<br>3 ft. base, 2 ft. high, W. of cor.   |
| 48.50  | Wash, 8 lks. wide, course NE.   |
| 61.70  | Wash, 10 lks. wide, course NE.  |
| 64.30  | Dim road, bears NE. and SW.   |
| 80.00  | Set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in ground, for cor. of Ts. 12 and 13 S., Rs. 12 and 13 W., with brass cap marked |
|        | T12S<br>R13W    R12W<br>S36         S31<br>S 1         S 6<br>T13S<br>1941  |
|        | raise a mound of stone,<br>$3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, S. of cor.   |
|        | U.S.C & G.S. triangulation stand on the highest peak in the Pinta Mts., bears S. $11\frac{3}{4}^{\circ}$ E.                             |
|        | A black and white peak, at demarcation line, bears S. $23^{\circ} 50'$ E., about 7 m. dist.   |
|        | A peak, bears S. $0^{\circ} 30'$ E., about $3\frac{1}{2}$ m. dist.  |
|        | A peak, bears S. $89\frac{1}{2}^{\circ}$ W., about $2\frac{1}{2}$ m. dist.  |
|        | A saddle, bears N. $78^{\circ}$ W., about $2\frac{1}{2}$ m. dist.   |
|        | A peak, bears N. $68^{\circ}$ W., about 3 m. dist.  |
|        | A peak, bears N. $63^{\circ} 40'$ W., about 3 m. dist.  |
|        | A peak, bears N. $35^{\circ}$ W., about 4 m. dist.  |
|        | A hill, bears N. $63^{\circ}$ W., about 2 m. dist.  |
|        | Mohawk Peak, bears N. $44\frac{1}{2}^{\circ}$ E., about 6 m. dist.  |
|        | A pass, bears N. $72\frac{3}{4}^{\circ}$ E., about 8 m. dist.   |

Survey: East Bdy.: T. 13 S., R. 13 W.

Chains

Land, nearly level.  
 Soil, sandy and gravelly, 3rd rate:  
 Timber, none.  
 Undergrowth, greasewood, cacti, scrub palo verde and  
 ironwood.  
 Scattering sahuaro cactus.

Survey: South Bdy.: T. 12 S., R. 12 W.

72

| Chains |  |
|--------|--|
|        | <p>From the cor. of Ts. 12 and 13 S., Rs. 11 and 12 W.<br/>N. 89° 57' W., on random line, setting temp. cors. at 40 ch. intervals, and at</p>  |
| 478.64 | <p>Intersect the cor. of Ts. 12 and 13 S., Rs. 12 and 13 W., established under this group as hereinbefore described.<br/>Thence<br/>S. 89° 57' E., on true line, bet. secs. 6 and 31.<br/>Over nearly level land, draining NE. thru scattering undergrowth.</p>  |
| 18.70  | Wash, 20 lks. wide, course NE.   |
| 38.64  | <p>Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> $\frac{1}{4} \frac{S \ 31}{S \ 6}$ <p>1940</p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p>  |
| 68.40  | Wash, 20 lks. wide, course NE.   |
| 78.64  | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked</p> $\begin{array}{c} T12S \ R12W \\ \hline S31 \   \ S32 \\ S6 \   \ S5 \\ \hline T13S \end{array}$ <p>1940</p> <p>raise a mound of stone, <math>3\frac{1}{2}</math> ft. base, <math>2\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Land, nearly level.<br/>Soil, sandy, 3rd rate.<br/>Timber, none.<br/>Undergrowth, greasewood, cacti, scrub palo verde and ironwood.<br/>Scattering sahuaro cactus.</p> |
|        | <p>S. 89° 57' E. on true line bet. secs. 5 and 32.<br/>Over nearly level land, draining NE., thru scattering undergrowth.</p>  |
| 6.90   | Wash. 20 lks. wide, course NE.   |
| 40.00  | <p>Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> $\frac{1}{4} \frac{S \ 32}{S \ 5}$ <p>1940</p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p>   |

Survey: South Bdy.: T. 12 S., R. 12 W.

73

|               |  |               |      |     |     |     |     |
|---------------|--|---------------|------|-----|-----|-----|-----|
| Chains        |  |               |      |     |     |     |     |
| 41.90         | Wash, 30 lks. wide, course NE.   |               |      |     |     |     |     |
| 80.00         | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked                                     |               |      |     |     |     |     |
|               | <table border="1"> <tr><td>T12S</td><td>R12W</td></tr> <tr><td>S32</td><td>S33</td></tr> <tr><td>S5</td><td>S4</td></tr> </table> <p>T13S</p> <p>1940</p>      | T12S          | R12W | S32 | S33 | S5  | S4  |
| T12S          | R12W   |               |      |     |     |     |     |
| S32           | S33  |               |      |     |     |     |     |
| S5            | S4   |               |      |     |     |     |     |
|               | raise a mound of stone $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.  |               |      |     |     |     |     |
|               | Land, nearly level.<br>Soil, sandy, 3rd rate.<br>Timber, none.<br>Undergrowth, greasewood, cacti, scrub palo verde and ironwood.<br>Scattering sahuaro cactus. |               |      |     |     |     |     |
|               | S: $89^{\circ} 57'$ E. on true line bet. secs. 4 and 33.<br>Over nearly level land, draining NE. thru scattering undergrowth.                                  |               |      |     |     |     |     |
| 0.50          | Wash, 20 lks. wide, course NE.   |               |      |     |     |     |     |
| 11.00         | Wash, 30 lks. wide, course NE.   |               |      |     |     |     |     |
| 22.80         | Wash, 20 lks. wide, course NE.   |               |      |     |     |     |     |
| 40.00         | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |               |      |     |     |     |     |
|               | <table border="1"> <tr><td><math>\frac{1}{4}</math></td><td>S 33</td></tr> <tr><td></td><td>S 4</td></tr> </table> <p>1940</p>                                 | $\frac{1}{4}$ | S 33 |     | S 4 |     |     |
| $\frac{1}{4}$ | S 33   |               |      |     |     |     |     |
|               | S 4  |               |      |     |     |     |     |
|               | raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.   |               |      |     |     |     |     |
| 52.40         | Wash, 20 lks. wide, course NE.   |               |      |     |     |     |     |
| 62.60         | Wash, 30 lks. wide, course NE.   |               |      |     |     |     |     |
| 70.00         | Wash, 10 lks. wide, course NE.   |               |      |     |     |     |     |
| 80.00         | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked                                     |               |      |     |     |     |     |
|               | <table border="1"> <tr><td>T12S</td><td>R12W</td></tr> <tr><td>S33</td><td>S34</td></tr> <tr><td>S 4</td><td>S 3</td></tr> </table> <p>T13S</p> <p>1940</p>    | T12S          | R12W | S33 | S34 | S 4 | S 3 |
| T12S          | R12W   |               |      |     |     |     |     |
| S33           | S34  |               |      |     |     |     |     |
| S 4           | S 3  |               |      |     |     |     |     |
|               | raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.   |               |      |     |     |     |     |
|               | Land, nearly level.<br>Soil, sandy, 3rd rate.<br>Timber, none.   |               |      |     |     |     |     |

Survey: South Bdy.: T. 12 S., R. 12 W.

74

|        |   |
|--------|---|
| Chains | Underwood, greasewood, cacti, scrub palo verde and ironwood.<br>Scattering sahuaro cactus.  |
|        | S. 89° 57' E. on true line bet. secs. 3 and 34.   |
|        | Over nearly level land, draining NE. thru scattering undergrowth.   |
| 5.00   | Center of washed or overflow land 5 chs. wide, course NE., along which undergrowth is dense.  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\begin{array}{r} \frac{1}{4} \text{ S } 34 \\ \text{S } 3 \end{array}$<br>1940   |
|        | raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked  |
|        | $\begin{array}{c} \text{T12S R12W} \\ \text{S34} \mid \text{S35} \\ \text{S } 3 \mid \text{S } 2 \\ \text{T13S} \end{array}$<br>1940  |
|        | raise a mound of stone, $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, W. of cor.  |
|        | Land, nearly level.<br>Soil, sandy, 3rd rate.<br>Timber, none.<br>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde, mesquite and ironwood.<br>Scattering sahuaro cactus. |
|        | S. 89° 57' E. on true line bet. secs. 2 and 35.   |
|        | Over nearly level land draining NE. thru scattering undergrowth.  |
| 3.30   | Wash, 20 lks. wide, course NE.  |
| 22.00  | Wash, 10 lks. wide, course NE.  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |
|        | $\frac{1}{4} \begin{array}{r} \text{S } 35 \\ \text{S } 2 \end{array}$<br>1940  |
|        | raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.  |
| 72.10  | Wash, 10 lks. wide, course NE.  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in   |

Survey: South Bdy.: T. 12 S., R. 12 W.

75

Chains

ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked

|      |      |     |   |   |   |
|------|------|-----|---|---|---|
| T12S | R12W | .   | . | . | . |
| S35  |      | S36 |   |   |   |
| S 2  |      | S 1 |   |   |   |
| T13S |      |     |   |   |   |

1940

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

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

S.  $89^{\circ} 57'$  E. on true line bet. secs. 1 and 36.

Over nearly level land, draining NE. thru scattering undergrowth.

17.10 Wash, 12 lks. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

|               |  |      |  |  |
|---------------|--|------|--|--|
| $\frac{1}{4}$ |  | S 36 |  |  |
|               |  | S 1  |  |  |

1940

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

44.00 Road, bears NW. and SE. Extends northwesterly to Mohawk and southeasterly to Papago Well..

49.90 Road, bears NE. and SW. Extends northeasterly to junction with Stovall-Papago Well road.

80.00 Intersect the cor. of Ts. 12 and 13 S., Rs. 11 and 12 W., established under this group as described in field notes of survey of W. bdy. of T. 13 S., R. 11 W.

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

Survey: West Bdy.: T. 12 S., R. 12 W.

76

|        |  |
|--------|--|
| Chains | <p>From the cor. of Ts. 12 and 13 S., Rs. 12 and 13 W., established under this group as hereinbefore described.</p> <p>North, bet. secs. 31 and 36.</p> <p>Over nearly level land, draining NE. thru scattering undergrowth.</p> <p>39.50 Wash, 30 lks. wide, course NE.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S36   S31</p> <p style="text-align: center;">1941</p> <p style="text-align: right;">raise a mound of</p> <p>stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>75.00 Wash, 80 lks. wide, course NE.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked</p> <p style="text-align: center;">T12S</p> <p style="text-align: center;">R13W   R12W</p> <p style="text-align: center;">S25   S30</p> <p style="text-align: center;">S36   S31</p> <p style="text-align: center;">1941</p> <p style="text-align: right;">raise a mound of</p> <p>stone, <math>3\frac{1}{2}</math> ft. base, <math>2\frac{1}{2}</math> ft. high, W. of cor.</p> <p>Land, nearly level.</p> <p>Soil, sandy, 2nd rate.</p> <p>Timber, none..</p> <p>Undergrowth, greasewood, cacti, scrub palo verde and iron-wood.</p> <p>Scattering sahuaro cactus.</p> |
|        | <p>North, bet. secs. 25 and 30.</p> <p>Over nearly level land, draining NE. thru scattering undergrowth.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S25   S30</p> <p style="text-align: center;">1941</p> <p style="text-align: right;">raise a mound of</p> <p>stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>41.50 Wash, 20 lks. wide, course NE.</p> <p>79.50 Main wash, 20 lks. wide, course NE.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked</p>   |



Survey: West Bdy.: T. 12 S., R. 12 W.

Chains

|      |      |
|------|------|
| T12S |      |
| R13W | R12W |
| S24  | S19  |
| S25  | S30  |

1941

raise a mound of stone, 3 1/2 ft. base, 2 1/2 ft. high, W. of cor.

Land, nearly level.  
Soil, sandy, 2nd rate.  
Timber, none.  
Undergrowth, greasewood, cacti, scrub palo verde and iron-wood.  
Scattering sahuaro cactus.

North, bet. secs. 19 and 24.

Over nearly level land, draining NE. thru scattering undergrowth.

2.00 Wash, 30 lks. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for 1/4 sec. cor., with brass cap marked

|           |  |
|-----------|--|
| S24   S19 |  |
|-----------|--|

1941

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

79.90 Wash, 10 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked

|      |      |
|------|------|
| T12S |      |
| R13W | R12W |
| S13  | S18  |
| S24  | S19  |

1941

raise a mound of stone 3 1/2 ft. base, 2 ft. high, W. of cor.

Land, nearly level.  
Soil, sandy, 2nd rate.  
Timber, none.  
Undergrowth, greasewood, cacti, scrub palo verde and iron-wood.  
Scattering sahuaro cactus.

North, bet. secs. 13 and 18.

Over nearly level land, draining NE. thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for 1/4 sec. cor., with brass cap marked

78

Chains

 $\frac{1}{4}$ 

S13 | S18

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked

T12S

|      |      |
|------|------|
| R13W | R12W |
| S12  | S 7  |
| S13  | S18  |

1941

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

A saddle in main ridge of the Pinta Mts. bears S.  $37\frac{1}{2}^{\circ}$  W.

Peaks in same mts. individually bear: S.  $23\frac{1}{2}^{\circ}$  W., S.  $60^{\circ}$  W.; S.  $68\frac{1}{2}^{\circ}$  W.; N.  $82^{\circ}$  40' W. and West.

Line of demarcation between black and white coloring in same mts., bears S.  $15^{\circ}$  34' E.

A peak at NW. end of Little Mohawk Mts. bears S.  $81\frac{3}{4}^{\circ}$  E.

A peak at SE. end of Mohawk Mts. bears East.

A pass in same mts. bears N.  $89\frac{1}{2}^{\circ}$  E.

Other peaks in main ridge of the Mohawk Mts. individually bear: N.  $86\frac{1}{4}^{\circ}$  E.; N.  $79\frac{1}{2}^{\circ}$  E.; N.  $77^{\circ}$  E.; N.  $65^{\circ}$  20' E.; N.  $54\frac{3}{4}^{\circ}$  E.; N.  $47^{\circ}$  50' E.; and N.  $10^{\circ}$  E.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and iron-wood.

Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over nearly level land draining NE. thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

 $\frac{1}{4}$ 

S12 | S 7

1941

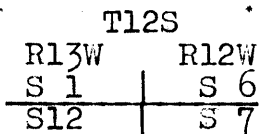
raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

75:00 Enter washed or overflow land, bearing NW. and SE., draining NW. Undergrowth becomes dense.

Chains

78.00 Wash, 10 lks. wide, 4 ft. deep, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked



1941

raise a mound of stone, 3 1/2 ft. base, 2 1/2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

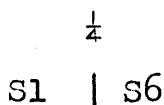
North, bet. secs. 1 and 6.

Over nearly level washed or overflow land, draining NW., thru dense undergrowth.

7.00 Leave washed or overflow land and dense undergrowth, bearing NW. and SE. Continue over nearly level land, draining NW., thru scattering undergrowth.

27.70 Road, bears NW. and SE. Extends northwesterly to Mohawk, and southeasterly to Papago Well.

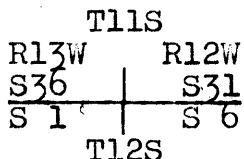
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for 1/4 sec. cor., with brass cap marked



1941

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 26 ins. in ground, for cor. of Ts. 11 and 12 S., Rs. 12 and 13 W., with brass cap marked



1941

raise a mound of stone, 3 1/2 ft. base, 2 ft. high, S. of cor.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Very scattering sahuaro cactus.

Survey: North Bdy.: T.:12 S.; R.:12 W.

80

Chains

From the cor. of Ts. 11 and 12 S., Rs. 11 and 12 W.  
N. 89° 57' W., on random line, setting temp. cors. at 40  
ch. intervals, and at

478.47 Intersect N. and S. line 42 lks. S. of the cor. of Ts. 11  
and 12 S., Rs. 12 and 13 W., established under this  
group as hereinbefore described.

Thence,

S. 89° 54' E., on true line, bet. secs. 6 and 31.

Over nearly level land, draining northerly thru scattering  
undergrowth.

12.90 Dim road, bears NW. and SE.

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

$$\frac{1}{4} \cdot \frac{S \ 31}{S \ 6}$$

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, N. of cor.

76.00 Wash, 5 lks. wide, course N.

78.47 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in  
ground, for cor. of secs. 5, 6; 31 and 32, with brass  
cap marked

|           |     |
|-----------|-----|
| T11S R12W |     |
| S31       | S32 |
| S6        | S5  |
| T12S      |     |

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 2nd and 3rd rates.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and iron-  
wood.

Scattering sahuaro cactus:

S. 89° 54' E. on true line bet. secs. 5 and 32.

Over nearly level land, draining NW. thru scattering  
undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \cdot \frac{S \ 32}{S \ 5}$$

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, N. of cor.

Survey: North Bdy.: T. 12 S., R. 12 W.

81

Chains

57.20 Wash, 10 lks. wide, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

|           |     |
|-----------|-----|
| T11S R12W |     |
| S32       | S33 |
| S 5       | S 4 |
| T12S      |     |

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy and gravelly, 2nd and 3rd rates.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

S. 89° 54' E. on true line bet. secs. 4 and 33.

Over nearly level and gently rolling land, thru scattering undergrowth.

Asc. gradually over SW. slope.

2.20 Dim road, bears NE. and SW.

10.60 Wash, 20 lks. wide; course SW. Asc. gradually over NW. slope to

17.90 Same wash, from SE. to NW.

26.70 Wash, 30 lks. wide, course NW. Asc. gradually over SW. slope.

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

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 33 |
| $\frac{1}{4}$ | S 4  |

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, N. of cor.

Continue over nearly level and gently rolling land, thru scattering undergrowth. Asc. gradually over SW. slope to sec. cor.

60.50 Wash, 20 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

|           |     |
|-----------|-----|
| T11S R12W |     |
| S33       | S34 |
| S 4       | S 3 |
| T12S      |     |

1941

Survey: North Bdy.: T. 12 S., R. 12 W.

82

Chains

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level and gently rolling.

Soil, sandy and gravelly, 2nd and 3rd rates.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

S. 89° 54' E. on true line bet. secs. 3 and 34.

Over gently rolling land, thru scattering undergrowth. Asc. gradually over SW. slope.

5.00 Foot of steep slope, bears NW. and SE. Enter mountainous land (Mohawk Mts.) Asc. 510 ft. over steep SW. slope.

29.30 Spur, slopes SE.; desc. 140 ft. over E. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in ground to bedrock, over a cross (X) chiseled thereon, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{c} S 34 \\ S 3 \end{array}$$

1941

Desc. 215 ft. over E. slope.

50.00 Wash, 40 lks. wide, course S.; asc. 54 ft. over SW. slope.

54.40 Spur, slopes S.; desc. 123 ft. over SE. slope to

61.60 Foot of slope bears NE. and SW. Thence across nearly level bottom of canyon.

66.60 Wash, 20 lks. wide, course S. Leave bottom of canyon. Enter heavily rolling land. Asc. 30 ft. over W. slope.

71.00 Low spur, slopes S.; desc. 40 ft. over E. slope to

73.00 Foot of slope, bears NE. and S. Thence over gently rolling land. Desc. gradually over SE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked

$$\begin{array}{c} T11S R12W \\ S34 | S35 \\ S3 | S2 \\ T12S \end{array}$$

1941

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, gently and heavily rolling and mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

Survey: North Bdy.: T. 12 S., R. 12 W.

Chains S. 89° 54' E. on true line bet. secs. 2 and 35.  
 Over gently rolling land, thru scattering undergrowth.  
 Desc. gradually over SE. slope.

5.00 Wash, 40 lks. wide, 5 ft. deep, course SW.; ascend gradually over NW. slope to

39.00 Foot of steep slope bears N. 80° E. and S. 80° W. Leave gently rolling and enter mountainous land (Mohawk Mts.). Asc. 17 ft. over NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

S 35  
 $\frac{1}{4}$  S 2

1941

raise a mound of stone, 3 ft. base, .2 ft. high, N. of cor.

Asc. 350 ft. over steep NW. slope.

62.10 Spur, slopes S. 80° W. Asc. 42 ft. over steep S. slope.

66.20 Bottom of ravine, 10 lks. wide, course S. 80° W.; asc. 262 ft. over NW. slope.

76.40 Spur, slopes S. 80° W.; desc. 132 ft. over SE. slope to

80.00 Bottom of ravine, 30 lks. wide, course SW. near head. Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for cor. of secs. 1, 2, 35 and 36, with brass cap marked

T11S R12W  
 S35 | S36  
 S 2 | S 1  
 T12S

1941

Land, W. 39 chs. gently rolling; E. 41 chs. mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood, cacti, scrub palo verde and ironwood. Scattering sahuaro cactus.

S. 89° 54' E. on true line bet. secs. 1 and 36.  
 Over mountainous land (Mohawk Mts.) thru scattering undergrowth.  
 Asc. 105 ft. over SW. slope.

10.20 Top of main ridge of the Mohawk Mts. bears NW. and SE. Desc. 401 ft. over NE. slope.

18.50 Wash, 40 lks. wide, course N.; asc. 120 ft. over broken NW. slope.

26.30 Spur, slopes N.; desc. 221 ft. over E. slope.

31.00 Wash, 30 lks. wide, course N.; asc. 74 ft. over W. slope to

84

|        |   |
|--------|---|
| Chains |   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked |
|        | $\frac{1}{4} \frac{S 36}{S 1}$  |
|        | 1941  |
|        | Asc. 169 ft. over W. slope.   |
| 51.60  | Spur, slopes NE.; desc. 641 ft. over E. slope.  |
| 78.00  | Wash, 20 lks. wide, course NE. Leave mountainous and enter nearly level land in San Cristobal Valley.   |
| 80.00  | Intersect the cor. of Ts. 11 and 12 S., Rs. 11 and 12 W. established under this group as described in field notes of survey of E. bdy. of T. 12 S., R. 12 W.  |
|        | Land, mountainous, except E. 2 chs. which is nearly level.<br>Soil, rocky, 4th rate.<br>Timber, none.<br>Undergrowth, greasewood, cacti, scrub palo verde and iron-wood.<br>Scattering sahuaro cactus.                |



Survey: East Bdy.: T. 11 S., R. 13 W.

85

|        |   |
|--------|---|
| Chains | From cor. of Ts. 11 and 12 S., Rs. 12 and 13 W., herein-<br>before described.   |
|        | North, bet. secs. 31 and 36.  |
|        | Over nearly level land draining northerly thru scattering<br>undergrowth.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in<br>ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |
|        | $\begin{array}{c} \frac{1}{4} \\ S36 \mid S31 \end{array}$  |
|        | 1941  |
|        | raise a mound of<br>stone, 3 ft. base, 2 ft. high, W. of cor.   |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in<br>ground, for cor. of secs. 25, 30, 31 and 36, with brass<br>cap marked                                  |
|        | $\begin{array}{c} T11S \\ R13W \quad R12W \\ S25 \quad \mid \quad S30 \\ S36 \quad \mid \quad S31 \end{array}$  |
|        | 1941  |
|        | raise a mound of<br>stone, 3 ft. base, 2 ft. high, W. of cor.   |
|        | Land, nearly level.<br>Soil, sandy, 3rd rate.<br>Timber, none.<br>Undergrowth, greasewood, cacti, scrub palo verde and iron-<br>wood.<br>Scattering sahuaro cactus. |
|        | North, bet. secs. 25 and 30.  |
|        | Over nearly level land draining northerly thru scattering<br>undergrowth.   |
| 5.00   | Wash, 10 lks. wide, course NW. Continue over nearly level<br>land, draining northwesterly.  |
| 15.00  | Wash, 10 lks. wide, course NW.  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in<br>ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |
|        | $\begin{array}{c} \frac{1}{4} \\ S25 \mid S30 \end{array}$  |
|        | 1941  |
|        | raise a mound of<br>stone, 3 ft. base, 2 ft. high, W. of cor.   |
| 53.40  | Wash, 10 lks. wide, course NW.  |
| 73.20  | Dim road, bears NW. and SE.   |
| 75.00  | Wash, 10 lks. wide, course NW.  |

Survey: East Bdy.: T. 11 S., R. 13 W.

86

Chains

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 19, 24, 25 and 30, with brass cap marked

|      |      |
|------|------|
| T11S |      |
| R13W | R12W |
| S24  | S19  |
| S25  | S30  |

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

North, bet. secs. 19 and 24.

Over nearly level land draining northwesterly thru scattering undergrowth.

39.20 Wash, 10 lks. wide, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

|     |     |
|-----|-----|
| S24 | S19 |
|-----|-----|

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

51.40 Wash, 20 lks. wide, course NW.

67.20 Wash, 40 lks. wide, course NW.

76.40 Wash, 10 lks. wide, course NW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked

|      |      |
|------|------|
| T11S |      |
| R13W | R12W |
| S13  | S18  |
| S24  | S19  |

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

Survey: East Bdy.: T. 11 S., R. 13 W.

Chains

North, bet. secs. 13 and 18.

Over nearly level land draining northwesterly thru scattering undergrowth.

7.90 Wash, 10 lks. wide; course NW.

10.75 Dim road, bears NW: and SE.

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

S13 | S18

1941

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

59.00 Wash, 10 lks. wide, course NW. Continue over nearly level land draining southwesterly.

66.80 Wash, 10 lks. wide, course SW.

72.70 Wash, 20 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked

|      |      |
|------|------|
| T11S |      |
| R13W | R12W |
| S12  | S 7  |
| S13  | S18  |

1941

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.  
Soil, sandy, 3rd rate.  
Timber, none.  
Undergrowth, greasewood, cacti, scrub palo verde and ironwood.  
Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over nearly level land draining northwesterly thru scattering undergrowth.

18.40 Wash, 10 lks. wide, course NW.

34.50 Wash, 20 lks. wide, course NW.

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

S12 | S7

1941

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Survey: East Bdy.: T. 11 S., R. 13 W.

88

Chains

63.00 Wash, 20 lks. wide, course W. Continue over nearly level land draining westerly.

70.00 Wash, 15 lks. wide, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked

|      |      |
|------|------|
| T11S |      |
| R13W | R12W |
| S 1  | S 6  |
| S12  | S 7  |

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and iron-wood.

North, bet. secs. 1 and 6.

Over nearly level land draining westerly thru scattering undergrowth.

1.90 Wash, 20 lks. wide, course W.

20.00 Continue over nearly level land draining northwesterly.

33.30 Wash, 20 lks. wide, course NW.

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

|    |    |
|----|----|
| S1 | S6 |
|----|----|

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

44.20 Wash, 50 lks. wide, course SW.; ascend slightly over SW. slope.

55.00 Continue over nearly level land, draining northwesterly.

77.60 Wash, 10 lks. wide; course NW.

80.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in ground, for cor. of lots 4 and 5 of sec. 6, and lots 1 and 8 of sec. 1, with brass cap marked

|    |    |
|----|----|
| L1 | L4 |
| S1 | S6 |
| L8 | L5 |

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Survey: East Bdy.: T. 11 S., R. 13 W.

89

Chains

92.70 Wash, 15 lks. wide, course NW.

97.45 Intersect the S. bdy. of T. 10 S., R. 12 W. at a point 1.74 chs. E. of the cor. of Ts. 10 S., Rs. 12 and 13 W. established in 1937, which is an iron post, 3 ins. in diam., projecting 9 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.  
Additionally mark the brass cap to read

|      |      |
|------|------|
| T10S |      |
| R13W | R12W |
| S36  | S31  |
| S 1  |      |
| T11S | R13W |

1941  
1937

At point of intersection,  
Set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in ground, for closing cor. of Ts. 11 S., Rs. 12 and 13 W., with brass cap marked

|           |      |
|-----------|------|
| T10S R12W |      |
| S31       |      |
| S1        | S6   |
| R13W      | R12W |
| C   C     |      |
| T11S      |      |

1941

raise a mound of  
stone, 3 ft. base, 2 ft. high, S. of cor.

Land, nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

## Survey: North Bdy.: Frac. T. 15 S., R. 13 W.

90

|           |   |           |  |     |     |     |     |      |  |
|-----------|---|-----------|--|-----|-----|-----|-----|------|--|
| Chains    | From the cor. of Ts. 14 and 15 S., Rs. 12 and 13 W., established under this group as hereinbefore described.  |           |  |     |     |     |     |      |  |
|           | West, bet. secs. 1 and 36.  |           |  |     |     |     |     |      |  |
|           | Over gently rolling land, thru low sand dunes, thru very scattering undergrowth.  |           |  |     |     |     |     |      |  |
| 40.00     | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground with a stone marked, with a cross (X) deposited at base, and raise a mound of stone around post, for the $\frac{1}{4}$ sec. cor., with brass cap marked |           |  |     |     |     |     |      |  |
|           | $\frac{1}{4} \frac{S 36}{S 1}$  |           |  |     |     |     |     |      |  |
|           | 1940  |           |  |     |     |     |     |      |  |
|           | Pits impracticable and no stones available for mound of stone alongside. Stones for mound around post were transported from a remote location.  |           |  |     |     |     |     |      |  |
| 50.00     | Leave gently rolling land and low sand dunes, bearing NE. and SW.   |           |  |     |     |     |     |      |  |
| 80.00     | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked  |           |  |     |     |     |     |      |  |
|           | <table border="1" style="margin: auto;"> <tr><td colspan="2">T14S R13W</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td>S 2</td><td>S 1</td></tr> <tr><td colspan="2">T15S</td></tr> </table>                        | T14S R13W |  | S35 | S36 | S 2 | S 1 | T15S |  |
| T14S R13W |   |           |  |     |     |     |     |      |  |
| S35       | S36   |           |  |     |     |     |     |      |  |
| S 2       | S 1   |           |  |     |     |     |     |      |  |
| T15S      |   |           |  |     |     |     |     |      |  |
|           | 1940  |           |  |     |     |     |     |      |  |
|           | raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  |           |  |     |     |     |     |      |  |
|           | North end of a black hill, bears S., about 5 chs. dist.   |           |  |     |     |     |     |      |  |
|           | Land, E. 50 chs. gently rolling sand dunes; W. 30 chs. nearly level.  |           |  |     |     |     |     |      |  |
|           | Soil, sandy, 4th rate in E. 50 chs.; sandy 2nd rate in W. 30 chs.   |           |  |     |     |     |     |      |  |
|           | Timber, none.   |           |  |     |     |     |     |      |  |
|           | Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.   |           |  |     |     |     |     |      |  |
|           | Very scattering sahuaro cactus.   |           |  |     |     |     |     |      |  |
|           | West, bet. secs. 2 and 35.  |           |  |     |     |     |     |      |  |
|           | Over nearly level land draining southwesterly thru scattering undergrowth.  |           |  |     |     |     |     |      |  |
| 40.00     | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked   |           |  |     |     |     |     |      |  |
|           | $\frac{1}{4} \frac{S 35}{S 2}$  |           |  |     |     |     |     |      |  |
|           | 1940  |           |  |     |     |     |     |      |  |
|           | dig pits 18x18x12 ins., one each E. and W. of cor., 3 ft. dist. Stones for mound not available.   |           |  |     |     |     |     |      |  |
| 80.00     | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked  |           |  |     |     |     |     |      |  |

Chains

|           |     |
|-----------|-----|
| T14S R13W |     |
| S34       | S35 |
| S3        | S2  |
| T15S      |     |

1940

dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist. No stones for mound available.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Very scattering sahuaro cactus.

West, bet. secs. 3 and 34.

Over nearly level land draining southwesterly thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for 1/4 sec. cor., with brass cap marked

|     |      |
|-----|------|
| 1/4 | S 34 |
|     | S 3  |

1940

dig pits 18x18x12 ins., one each E. and W. of cor., 3 ft. dist. No stones for mound available.

65.00 Enter washed or overflow land, bearing N. 60° W. and S. 60° E. Thence across same, draining N. 60° W.

71.00 Leave washed or overflow land, bears N. 60° W. and S. 60° E. Continue over nearly level land, draining northeasterly.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

|           |     |
|-----------|-----|
| T14S R13W |     |
| S33       | S34 |
| S 4       | S 3 |
| T15S      |     |

1940

dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist. No stones for mound available.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

West, bet. secs. 4 and 33.

Over nearly level land draining northeasterly thru scattering undergrowth.

Survey: North Bdy.: Frac. T. 15 S., R. 13 W.

92

Chains

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S 33}{S 4}$$

1940

dig pits 18x18x12 ins.,  
one each E. and W. of cor., 3 ft. dist. No stones for mound available.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

|           |     |
|-----------|-----|
| T14S R13W |     |
| S32       | S33 |
| S5        | S4  |
| T15S      |     |

1940

dig pits 18x18x12 ins.,  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.  
No stones for mound available.

Land, nearly level.

Soil, sandy, 2nd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

West, bet. secs. 5 and 32.

Over nearly level land draining northerly thru scattering undergrowth.

22.90 Road, bears NW. and SE. Extends northwesterly to Tule Well and easterly to Papago Well.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S 32}{S 5}$$

1940

dig pits 18x18x12 ins.,  
one each E. and W. of cor., 3 ft. dist. No stones for mound available.

43.10 Wash, 50 lks. wide, course NE. Enter washed or overflow land, bearing NE. and SW., draining NE.

71.30 Wash, 100 lks. wide, course NE. Leave washed or overflow land. Continue over nearly level land, draining north-easterly.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked



Survey: North Bdy.: Frac. T. 15 S., R. 13 W.

93

Chains

|           |     |
|-----------|-----|
| T14S R13W |     |
| S31       | S32 |
| S6        | S5  |
| .T15S     |     |
| 1940      |     |

dig pits 18x18x12 ins.  
one each NE., SE., SW. and NW. of cor., 3 ft. dist.  
No stones for mound available.

Land, nearly level.  
Soil, sandy and gravelly, 2nd and 3rd rates.  
Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
Scattering sahuaro cactus.

West, bet. secs. 6 and 31.

Over nearly level land, draining northeasterly thru scattering undergrowth.

40.00 Set an iron post, .3 ft. long, 1 in. in diam., 27 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 31 |
|               | S 6  |

1940

dig pits 18x18x12 ins.,  
one each E. and W. of cor., 3 ft. dist. No stones for mound available.

60.00 Wash, 20 lks. wide, course NE. Continue over nearly level land draining southeasterly.

79.54 Set an iron post, .3 ft. long, .3 ins. in diam., 27 ins. in ground, for cor. of Ts. 14 and 15 S., Rs. 13 and 14 W., with brass cap marked

|      |      |
|------|------|
| T14S |      |
| R14W | R13W |
| S36  | S31  |
| S1   | S6   |
| T15S |      |

1940

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

The highest peak in the Pinta Mts. bears N.  $42^{\circ} 53'$  E.A high peak in the Pinacate Mts. in Mexico, bears S.  $49^{\circ}$  W.A sahuaro cactus on top of a peak, bears S.  $18^{\circ} 38'$  E. about 1 m. dist.Monument No. 183 on the United States-Mexico International Bdy. bears S.  $30^{\circ} 27'$  W.

Land, nearly level.  
Soil, sandy and gravelly, 2nd and 3rd rates.  
Timber, none.  
Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  
Very scattering sahuaro cactus.

94

Chains

From the cor. of Ts. 14 and 15 S., Rs. 13 and 14 W.,  
established under this group as hereinbefore described,  
South, bet. secs. 1 and 6.

Over nearly level land draining southeasterly thru  
scattering undergrowth.

31.70 Wash, 50 lks. wide, course E. Continue over nearly level  
land draining easterly.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

4.

S1 | S6

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

46.10 Wash, 50 lks. wide, course NE. Enter gently rolling land.  
Asc. gradually over N. slope.

48.20 Point of low spur, slopes NW.; asc. gradually over NW.  
slope to

63.00 Leave gently rolling and enter mountainous land (Cabeza  
Prieta Mts.). Asc. 126 ft. over NW. slope.

72.00 Ridge, bears NE. and W. Head of spur sloping southerly,  
bears W. 50 lks. dist. Asc. 19 ft. over E. slope to

76.30 Spur, slopes S. 3° E.; desc. 64 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in  
ground, for cor. of secs. 1, 6, 7 and 12, with brass cap  
marked

T15S

|      |      |
|------|------|
| R14W | R13W |
| S1   | S6   |
| S12  | S7   |

1940

raise a mound of  
stone, 3 ft. base, 2 ft. high, W. of cor.

Land, nearly level, gently rolling and mountainous.

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

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and iron-  
wood.

Scattering sahuaro cactus.

South, bet. frac. secs. 7 and 12.

Over mountainous land, thru scattering undergrowth.

Desc. 93 ft. over SW. slope.

4.80 Wash, 100 lks. wide, course SE. Leave mountainous and  
enter nearly level land draining easterly.

12.50 Road, bears E. and W.

Survey: West Bdy.: Frac. T. 15 S., R. 13 W.

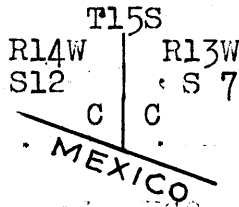
Chains

17.05

Intersect the international bdy. between the United States and Mexico, between Monuments Nos. 182 and 183 thereon and at 50.00 chs. S. 70° 03' E. from Monument No. 183.

At point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in ground, for closing corner of Frac. Ts. 15 S., Rs. 13 and 14 W., with brass cap marked



1940

Land, N. 4.80 chs. mountainous; S. 12.25 chs. nearly level.

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

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Very scattering sahuaro cactus.

Survey: East Bdy.: Frac. T. 14 S., R. 14 W.

96

|        |  |
|--------|--|
| Chains | From the cor. of Ts. 14 and 15 S., Rs. 13 and 14 W., established under this group as hereinbefore described,<br>North, bet. secs. 31 and 36.<br>Over nearly level land draining southeasterly thru scattering undergrowth.   |
| 9.80   | Dim road, bears E. and W.  |
| 15.00  | Foot of slope bears E. and W. Leave nearly level and enter rolling land. Asc. 50 ft. over S. slope.  |
| 21.00  | Top of black hill, bearing E. and W. Thence across same.   |
| 23.00  | Leave top of hill. Desc. 57 ft. over N. slope to   |
| 26.00  | Foot of slope, bears E. and W. Enter nearly level land. Desc. slightly over N. slope.  |
| 31.00  | Wash, 50 lks. wide, course E. Thence over nearly level E. slope.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor. with brass cap marked<br><br>$\frac{1}{4}$<br>S36   S31<br><br>1940<br><br>dig pits 18x18x12 ins.,<br>one each N. and S. of cor., 3 ft. dist.   |
| 53.90  | Wash, 50 lks. wide, course N. 70° E. Thence over nearly level NE. slope.   |
| 63.20  | Road, bears NW. and SE. Extends northwesterly to Tule Well and southeasterly to Papago Well.   |
| 73.10  | Wash, 50 lks. wide, course NE.   |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked<br><br>T14S<br>R14W   R13W<br>S25   S30<br>S36   S31<br><br>1940<br><br>dig pits 18x18x12 ins.,<br>one each NE., SE., SW. and NW. of cor., 3 ft. dist.<br><br>Land, S. 15 chs. and N. 54 chs. nearly level; remainder, rolling.<br>Soil, sandy and gravelly, 2nd and 3rd rates.<br>Timber, none.<br>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.<br>Scattering sahuaro cactus. |
|        | North, bet. secs. 25 and 30.<br><br>Over nearly level land draining northeasterly thru scattering undergrowth.   |

Survey: East Bdy.: Frac. T. 14 S., R. 14 W.

|        |   |
|--------|---|
| Chains |   |
| 15.00  | Wash, 50 lks. wide, course NE. Thence over nearly level E. slope.   |
| 35.00  | Wash, 20 lks. wide, course E.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{2}$ sec. cor., with brass cap marked           |
|        | $\frac{1}{4}$   |
|        | S25   S30   |
|        | 1940  |
|        | dig pits 18x18x12 ins., one each N. and S. of cor., 3 ft. dist.   |
| 58.40  | Wash, 50 lks. wide, course E.   |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for c or. of secs. 19, 24, 25 and 30, with brass cap marked |
|        | T14S  |
|        | R14W   R13W   |
|        | S24   S19   |
|        | S25   S30   |
|        | 1940  |
|        | dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.   |
|        | Land, nearly level.   |
|        | Soil, sandy and gravelly, 2nd and 3rd rates.  |
|        | Timber, none.   |
|        | Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.   |
|        | Scattering sahuaro cactus.  |
| <hr/>  |   |
|        | North, bet. secs. 19 and 24.  |
|        | Over nearly level land draining easterly thru scattering undergrowth.   |
| 18.20  | Wash, 50 lks. wide, course S. 70° E. Thence over nearly level southeasterly slope.  |
| 24.20  | Wash, 40 lks. wide, course SE.  |
| 24.80  | Road, bears NE. and SW. Extends northeasterly to Heart Tank and southwesterly to Tule Well.                                   |
| 26.20  | Wash, 100 lks. wide, course SE.   |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{2}$ sec. cor., with brass cap marked           |
|        | $\frac{1}{4}$   |
|        | S24   S19   |
|        | .1940   |
|        | raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.  |

Survey: East Bdy.: Frac. T. 14 S., R. 14 W.

98

| Chains |  |       |     |      |      |     |     |     |     |
|--------|--|-------|-----|------|------|-----|-----|-----|-----|
|        | This cor. is at foot of slope, bearing E. and W. Enter mountainous land. Asc. 87 ft. over S. slope.  |       |     |      |      |     |     |     |     |
| 46.00  | Top of hill, about 4 lks. wide, bearing E. and W. Desc. 91 ft. over steep N. slope, to   |       |     |      |      |     |     |     |     |
| 48.00  | Foot of hill, bears E. and W. Enter nearly level land. Desc. slightly over N. slope.   |       |     |      |      |     |     |     |     |
| 51.30  | Wash, 60 lks. wide, course SE. Asc. slightly over SE. slope.   |       |     |      |      |     |     |     |     |
| 57.00  | Thence over nearly level E. slope.   |       |     |      |      |     |     |     |     |
| 66.00  | Tule Wash, 100 lks. wide, course E.  |       |     |      |      |     |     |     |     |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked   |       |     |      |      |     |     |     |     |
|        | <table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2">.T14S</td> </tr> <tr> <td>R14W</td> <td>R13W</td> </tr> <tr> <td>S13</td> <td>S18</td> </tr> <tr> <td>S24</td> <td>S19</td> </tr> </table> | .T14S |     | R14W | R13W | S13 | S18 | S24 | S19 |
| .T14S  |  |       |     |      |      |     |     |     |     |
| R14W   | R13W   |       |     |      |      |     |     |     |     |
| S13    | S18  |       |     |      |      |     |     |     |     |
| S24    | S19  |       |     |      |      |     |     |     |     |
|        | 1940   |       |     |      |      |     |     |     |     |
|        | raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.   |       |     |      |      |     |     |     |     |
|        | Land, S. 40 chs. and N. 32 chs. nearly level; remainder mountainous.   |       |     |      |      |     |     |     |     |
|        | Soil, sandy and gravelly, 2nd and 3rd rates.   |       |     |      |      |     |     |     |     |
|        | Timber, none.  |       |     |      |      |     |     |     |     |
|        | Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.  |       |     |      |      |     |     |     |     |
|        | Very scattering sahuaro cactus.  |       |     |      |      |     |     |     |     |
|        | North, bet. secs. 13 and 18.   |       |     |      |      |     |     |     |     |
|        | Over nearly level land, draining easterly thru scattering undergrowth.   |       |     |      |      |     |     |     |     |
| 7.00   | Wash, 15 lks. wide, course E.  |       |     |      |      |     |     |     |     |
| 22.00  | Wash, 20 lks. wide, course N. 70° E. Enter gently rolling land. Asc. gradually over SW. slope.   |       |     |      |      |     |     |     |     |
| 39.00  | Low ridge, bears NW. and SE. Desc. slightly over NE. slope to  |       |     |      |      |     |     |     |     |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked  |       |     |      |      |     |     |     |     |
|        | <table style="margin-left: auto; margin-right: auto;"> <tr> <td>S13</td> <td>S18</td> </tr> </table>   | S13   | S18 |      |      |     |     |     |     |
| S13    | S18  |       |     |      |      |     |     |     |     |
|        | 1940   |       |     |      |      |     |     |     |     |
|        | dig pits 18x18x12 ins., one each N. and S. of cor., 3 ft. dist.  |       |     |      |      |     |     |     |     |
|        | Desc. slightly over NE. slope.   |       |     |      |      |     |     |     |     |
| 41.30  | Wash, 100 lks. wide, course SE. Enter nearly level land. Asc. slightly over SE. slope.   |       |     |      |      |     |     |     |     |
| 50.00  | Thence over nearly level E. slope.   |       |     |      |      |     |     |     |     |

Survey: East Bdy.: Frac. T. 14 S., R. 14 W.

|        |   |      |      |     |     |     |     |     |    |      |      |    |    |     |    |
|--------|---|------|------|-----|-----|-----|-----|-----|----|------|------|----|----|-----|----|
| Chains | <p>78.20 Wash, 100 lks. wide, course E.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked</p> <div style="text-align: center;"> <p>T14S</p> <table border="1"> <tr> <td>R14W</td> <td>R13W</td> </tr> <tr> <td>S12</td> <td>S 7</td> </tr> <tr> <td>S13</td> <td>S18</td> </tr> </table> <p>1940</p> <p>dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.</p> <p>Land, nearly level and gently rolling.<br/>Soil, sandy and gravelly, 2nd and 3rd rates.<br/>Timber, none.<br/>Undergrowth, greasewood, cacti, scrub palo verde and ironwood.<br/>Scattering sahuaro cactus.</p> </div> <hr/> <p>North, bet. secs. 7 and 12.</p> <p>Over gently rolling land draining easterly thru scattering undergrowth.</p> <p>9.00 Wash, 15 lks. wide, course E.</p> <p>39.90 Wash, 5 lks. wide, course E.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <p><math>\frac{1}{4}</math></p> <table border="1"> <tr> <td>S12</td> <td>S7</td> </tr> </table> <p>1940</p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> </div> <p>54.40 Wash, 40 lks. wide, course SE. Leave gently rolling and enter heavily rolling land. Asc. 80 ft. over SW. slope.</p> <p>62.00 Spur, slopes W.; desc. 70 ft. over NW. slope.</p> <p>75.00 Foot of slope bears E. and W. Enter gently rolling land. Desc. slightly over NW. slope.</p> <p>77.00 Enter low pass, bears NE. and SW. Thence across same.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked</p> <div style="text-align: center;"> <p>T14S</p> <table border="1"> <tr> <td>R14W</td> <td>R13W</td> </tr> <tr> <td>S1</td> <td>S6</td> </tr> <tr> <td>S12</td> <td>S7</td> </tr> </table> <p>1940</p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> </div> | R14W | R13W | S12 | S 7 | S13 | S18 | S12 | S7 | R14W | R13W | S1 | S6 | S12 | S7 |
| R14W   | R13W  |      |      |     |     |     |     |     |    |      |      |    |    |     |    |
| S12    | S 7   |      |      |     |     |     |     |     |    |      |      |    |    |     |    |
| S13    | S18   |      |      |     |     |     |     |     |    |      |      |    |    |     |    |
| S12    | S7  |      |      |     |     |     |     |     |    |      |      |    |    |     |    |
| R14W   | R13W  |      |      |     |     |     |     |     |    |      |      |    |    |     |    |
| S1     | S6  |      |      |     |     |     |     |     |    |      |      |    |    |     |    |
| S12    | S7  |      |      |     |     |     |     |     |    |      |      |    |    |     |    |

Survey: East Bdy.: Fraç. T. 14 S., R. 14 W.

100

Chains

A black hill (a) bears S. 76° E.

A black hill (b) bears S. 70° W.

Other bearings to these hills given from Tp. cor. at end of following mile.

Land, gently and heavily rolling.

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

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and iron-wood.

Scattering sahuaro cactus.

North, bet. secs. 1 and 6.

Over gently rolling land in low pass, bearing NE. and SW. thru scattering undergrowth.

0.10 Wash, 10 lks. wide, course N. 80° E., near head. Leave pass. Asc. 10 ft. over S. slope.

2.00 Low spur, slopes NE. from NW., heading about 3 chs. NW. in foot of a gray granite hill. Desc. gradually over northeasterly slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for  $\frac{1}{2}$  sec. cor., with brass cap marked

S1 | S6

1940

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Continue over gently rolling land. Desc. gradually over northeasterly slope.

47.60 Wash, 15 lks. wide, course S. 70° E. Thence over nearly level land draining easterly.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in ground, for cor. of Ts. 13 and 14 S., Rs. 13 and 14 W., with brass cap marked

|      |      |      |
|------|------|------|
|      | T13S |      |
| R14W |      | R13W |
| S36  |      | S31  |
| S 1  |      | S 6  |
|      | T14S |      |

1940

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

A black hill (a) bears S. 35° E.

A black hill (b) bears S. 22° W. Other bearings to these two peaks given at sec. cor. at end of preceding mile.

The center of a gray mountain, bears N. 50 $\frac{1}{2}$ ° W., about 2 m. dist.

A black mountain, bears N. 75° W. about 6 m. dist.



Survey: East Bdy.: Frac. T. 14 S., R. 14 W.

Chains

A black mountain, bears S. 53½° W. about 4 m. dist.

A high peak in the Pintá Mts., bears N. 78° 48' E.

Land, gently rolling and nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and iron-wood.

Scattering sahuaro cactus.

## Survey: South Bdy.: T. 13 S., R. 13 W.

102

|        |  |
|--------|--|
| Chains | From the cor. of Ts. 13 and 14 S., Rs. 12 and 13 W.<br>West, on random line, setting temp. cors. at 40 ch. intervals and at  |
| 479.08 | Intersect the cor. of Ts. 13 and 14 S., Rs. 13 and 14 W. established under this group as hereinbefore described.<br>Thence<br>East, on true line, bet. secs. 6 and 31.<br>Over nearly level land draining easterly thru scattering undergrowth.  |
| 39.08  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground for $\frac{1}{4}$ sec. cor., with brass cap marked<br>$\frac{1}{4} \frac{S 31}{S 6}$<br>1940<br>raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.  |
| 79.08  | Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 5, 6, 31 and 32, with brass cap marked<br>$\begin{array}{c c} T13S R13W & \\ \hline S31 & S32 \\ \hline S6 & S5 \\ T14S & \end{array}$<br>1940<br>raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.<br>Land, nearly level.<br>Soil, sandy, 3rd rate.<br>Timber, none.<br>Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.<br>Scattering sahuaro cactus. |
|        | East on true line bet. secs. 5 and 32.<br>Over nearly level land draining easterly thru scattering undergrowth.  |
| 40.00  | Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for $\frac{1}{4}$ sec. cor., with brass cap marked<br>$\frac{1}{4} \frac{S 32}{S 5}$<br>1940<br>raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.  |
| 80.00  | Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 4, 5, 32 and 33, with brass cap marked   |

Survey: South Bdy.; T. 13 S., R. 13 W.

103

Chains

|           |     |
|-----------|-----|
| T13S R13W |     |
| S32       | S33 |
| S5        | S4  |
| T14S      |     |

1940

raise a mound of stone,  
3 ft. base, 2 ft. high, N. of cor.

Land, nearly level..

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

East, on true line bet. secs. 4 and 33.

Over nearly level land, draining easterly, thru scattering undergrowth.

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

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 33 |
|               | S 4  |

1940

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

45.00 Enter washed or overflow land, and dense undergrowth, bears N. and S. Thence across same, draining S.

57.00 Leave overflow land and dense undergrowth, bears N. and S. Continue over nearly level land, draining southerly, thru scattering undergrowth.

69.20 Wash, 50 lks. wide, course S.

79.40 Wash, 20 lks. wide, course SW. Thence over nearly level southwesterly slope.

79.70 Old road, bears NE. and SW. Extends northeasterly to Heart Tank and southwesterly to Tule Well.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 3, 4, 33 and 34, with brass cap marked

|           |     |
|-----------|-----|
| T13S R13W |     |
| S33       | S34 |
| S4        | S3  |
| T14S      |     |

1940

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

A peak, in the Pinta Mts. bears N. 35° E. about 4 $\frac{1}{2}$  m. dist.

The highest peak in the Pinta Mts., bears N. 69° 47' E.

A black mountain, bears S. 53° W., about 2 m. dist.

Survey: South Bdy.: T. 13 S.; R. 13 W.

104

Chains

A black hill, bears S. 40° W., about 4 m. dist.

Land, nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

East on true line bet. secs. 3 and 34.

Over nearly level land draining southwesterly thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \begin{array}{r} S \ 34 \\ S \ 3 \end{array}$$

1940

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

63.80 Wash, 10 lks. wide, course SW.

75.50 Wash, 10 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 2, 3, 34 and 35, with brass cap marked

$$\begin{array}{c} T13S \ R13W \\ \hline S34 \ | \ S35 \\ S3 \ | \ S2 \\ \hline T14S \end{array}$$

1940

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

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

East on true line bet. secs. 2 and 35.

Over nearly level land draining southwesterly thru scattering undergrowth.

4.20 Wash, 10 lks. wide, course SW.

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

24.80 Wash, 10 lks. wide, course SW.

36.80 Wash, 20 lks. wide, course SW.

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

Chains

$\frac{1}{4} \frac{S 35}{S 2}$

1940

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

53.80 Wash, 30 lks. wide, course S.

69.20 Wash, 25 lks. wide, course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 1, 2, 35 and 36, with brass cap marked

T13S R13W  
S35 | S36  
S2 | S1

T14S

1940

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

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

East on true line bet. secs. 1 and 36.

Over nearly level land, draining southwesterly thru scattering undergrowth.

2.70 Wash, 10 lks. wide, course SW.

9.00 Wash, 20 lks. wide, course SW.

18.00 Dim road, bears NW. and SE.

39.00 Wash, 30 lks. wide, course SW.

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

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

1940

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

78.40 Wash, 30 lks. wide, course SW.

80.00 Intersect the cor. of Ts. 13 and 14 S., Rs. 12 and 13 W. established under this group as hereinbefore described.

Land, nearly level.

Soil, sandy, 3rd rate.

Timber, none.

Undergrowth, greasewood, sagebrush, cacti, scrub palo verde and ironwood.

Scattering sahuaro cactus.

## FINAL FIELD TESTS OF INSTRUMENT.

April 23, 1940; at station in camp in unsurveyed T. 12 S., R. 11 W., which, when said township is surveyed, will be near the center of section 20, approx. latitude  $32^{\circ} 22'$  N., and approx. longitude  $113^{\circ} 25\frac{1}{2}'$  W., examine the adjustments of Buff and Buff transit No. 18000 and find no errors, then, to test the solar apparatus of same by comparing its indications with a true meridian, proceed as follows:

April 24, 1940; at same station, at 5h 36m., a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a nail in a stake driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at eastern elongation =  $1^{\circ} 12' 33''$ .

At 7h 00m., a.m., lay off the azimuth of Polaris  $1^{\circ} 12\frac{1}{2}'$  to the west and mark a point in the true meridian thus determined by a nail in a stake driven firmly in the ground about 5 chs. N.

May 10, 1940; at same station, at 9h. 00m., a.m., app.t., set off  $32^{\circ} 22'$  N. on the lat. arc;  $17^{\circ} 42\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian and obtain a reading of  $17^{\circ} 44\frac{1}{2}'$  N. on the decl. arc., which agrees with computed declination of the sun.

At 3h. 00m., p.m., app. t., with the lat. arc unchanged, set off  $17^{\circ} 46\frac{1}{2}'$  N. on the decl. arc. and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1' 30''$  of the true meridian, conclude that the instrument is in satisfactory adjustment on this date, and that it has remained in such condition throughout the surveys described in the foregoing field notes which were executed Jan. 27, to May 7, 1940.

March 29, 1941; at station in camp near the Cor. of Ts. 11 and 12 S., Rs. 8 and 9 W., latitude  $32^{\circ} 25'$  N., longitude  $113^{\circ} 08'$  W., examine the adjustments of Buff and Buff transit No. 18000 and find no errors, then, to test the solar apparatus of same by comparing its indications with a true meridian, proceed as follows;

At 7 h., 12 m., p.m., l.m.t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a nail in a stake driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at western elongation =  $1^{\circ} 12' 06''$ .

March 30, 1941; at 7 h., 00m., a.m., lay off the azimuth of Polaris  $1^{\circ} 12'$  to the east and mark a point in the true meridian thus determined by a nail in a stake driven firmly in the ground about 5 chs. N.

At 9 h., 00 m., app. t., set off  $32^{\circ} 25'$  N. on the lat. arc;  $3^{\circ} 48\frac{1}{2}'$  N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian, and obtain a reading of  $3^{\circ} 51\frac{1}{2}'$  N. on the decl. arc, which agrees with computed declination of the Sun.

At 3h. 00m ., p.m., app. t., with the lat. arc unchanged, set off  $3^{\circ} 54\frac{1}{2}'$  N. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within  $1' 30''$  of the true meridian, conclude that the instrument is in satisfactory adjustment on this date, and that it has remained in such condition throughout the surveys described in the foregoing field notes which were executed Nov. 22, 1940 to March 27, 1941.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 4274

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FIELD ASSISTANTS

to

Benjamin J. Kinsey, Cadastral Engineer

| NAMES  | CAPACITY            |
|--|---------------------|
| First Period - November 18, 1939 - April 4, 1940 |                     |
| Irwin B. Williams                                | Principal Assistant |
| Jack Williams                                    | Chainman            |
| Amos R. Roten                                    | Cornerman           |
| Wesley B. Farley                                 | Axman and Cornerman |
| John G. Coverdale                                | Axman               |
| Blair Knudson                                    | Axman and Cornerman |
| Van N. Kilgore                                   | Flagman and Axman   |
| Rob N. Traylor                                   | Flagman             |
| Second Period - March 10, 1941 - April 8, 1941   |                     |
| Irwin B. Williams                                | Principal Assistant |
| Clair Pearson                                    | Chainman            |
| Glen A. Bush                                     | Cornerman           |
| Wesley B. Farley                                 | Cornerman           |
| Amos R. Roten                                    | Cornerman           |
| William A. Peace                                 | Axman and Chainman  |
| Fred W. Shubin                                   | Flagman             |
| John W. Jones                                    | Flagman             |

Third Period - January 13, 1942.

6-8412

|                    |                     |
|--------------------|---------------------|
| Irwin B. Williams  | Principal Assistant |
| Glen A. Bush       | Chainman            |
| Stanley J. Jarocha | Axman and Cornerman |
| James C. Bennett   | Flagman             |



BOOK 4274

CERTIFICATE OF SURVEYOR

I, Benjamin J. Kinsey, Associate Cadastral Engineer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27th day of October, 1939, received from the district cadastral engineer for ARIZONA, with assignment

instructions dated Nov. 6, 1939 & Nov. 4, 1940 I have surveyed the East and West bdrs. of T. 10 S., R. 8 W.; the East bdy. of T. 10 S., R. 10 W.; the West and North bdrs. of T. 11 S., R. 9 W.; the South, East and West bdrs. of T. 11 S., R. 11 W.; the East bdy. of T. 11 S., R. 13 W.; the North bdy. of T. 12 S., R. 10 W.; the South, West and North bdrs. of T. 12 S., R. 12 W.; the South and East bdrs. of T. 13 S., R. 13 W.; the South, West and North bdrs. of T. 14 S., R. 12 W.; the East bdy. of Frac. T. 14 S., R. 14 W.; and the East, West and North bdrs of Frac. T. 15 S., R. 13 W.,

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 me and under my direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Arizona  
Nov. 10, 1942.

Benjamin J. Kinsey  
Associate Cadastral Engineer  
(formerly Cadastral Engineer)

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,  
Denver, Colo., May 19, 1943.

The foregoing field notes of the survey of the East and West bdrs. of T. 10 S., R. 8 W.; the East bdy. of T. 10 S., R. 10 W.; the West and North bdrs. of T. 11 S., R. 9 W.; the South, East, and West bdrs. of T. 11 S., R. 11 W.; the East bdy. of T. 11 S., R. 13 W.; the North bdy. of T. 12 S., R. 10 W.; the South, West, and North bdrs. of T. 12 S., R. 12 W.; the South and East bdrs. of T. 13 S., R. 13 W.; the South, West and North bdrs. of T. 14 S., R. 12 W.; the East bdy. of Frac. T. 14 S., R. 14 W.; and the East, West, and North bdrs. of Frac. T. 15 S., R. 13 W., of the Gila and Salt River Meridian, in the State of Arizona.

executed by Benjamin J. Kinsey, Cadastral Engineer and Associate Cadastral Engineer under special instructions dated October 27, 1939, for Group No. 230, Arizona, and assignment instructions dated November 6, 1939 and November 4, 1940, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Russell H. Allen  
Acting Assistant 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.~~