

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4271

FIELD NOTES

OF SURVEY OF

WEST boundary of Township 17 South, Range 5 West

WEST boundary of Township 16 South, Range 5 West

WEST boundary of Township 16 South, Range 8 West

PART (W. 1/2) of SOUTH boundary of Township 16 South, Range 8 West

WEST boundary of Fractional Township 17 South, Range 8 West

The Mid-Meridional Subdivisional line thru T.16 S., R.8 W.

and

The Mid-Meridional Subdivisional line thru Frac. T.17 S., R.8 W.

Of the Gila and Salt River Meridian,

In the State of ARIZONA

EXECUTED BY

Benjamin J. Kinsey

Cadastral Engineer

supplemental
Under special instructions dated January 9, 1940, which provided
for the surveys included under Group No. 230, Ariz., bearing the approval of the
Commissioner of the General Land Office under date of January 20, 1940
and assignment instructions dated November 6, 1939.

Survey commenced March 12, 1940

Survey completed March 22, 1940

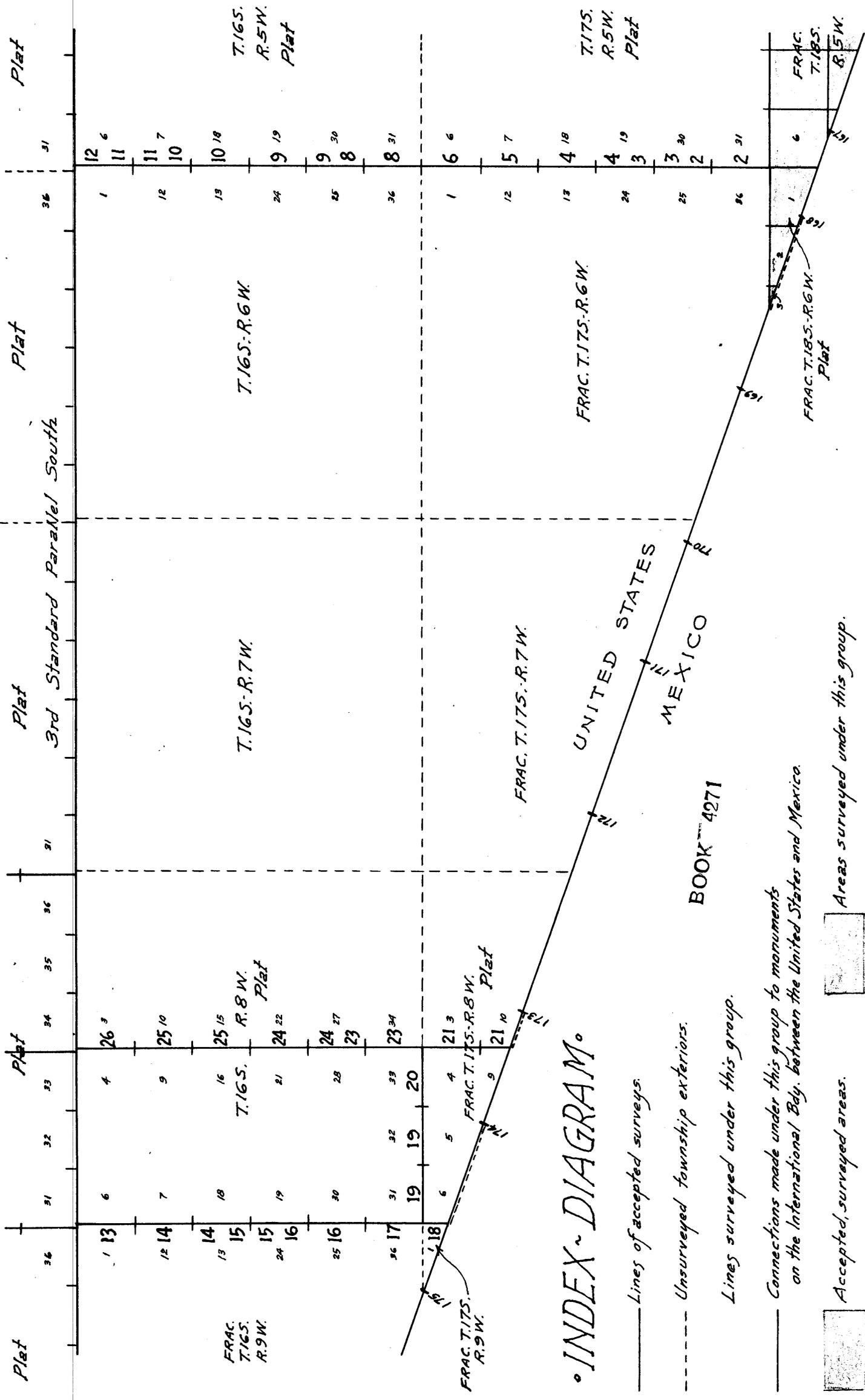
4271

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 |

19



INDEX-DIAGRAM

— Lines of accepted surveys

- - - Unserved township exteriors.

— Lines surveyed under this group.

— Connections made under this group to monuments on the International Bdy. between the United States and Mexico.

Accepted, surveyed areas.

Areas surveyed under this group.

BOOK 4271

The surveys herein described were executed by Benjamin J. Kinsey, Cadastral Engineer, using Buff and Buff transit No. 1800Q. 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 TEST OF INSTRUMENT.

March 10, 1940; at station in camp about 30 chs. NW. from the cor. of secs. 19, 24, 25 and 30, T. 17 S., Rs. 5 and 6 W., G. & S.R. Meridian, Arizona, in latitude $31^{\circ}56'N.$, longitude $112^{\circ}50'W.$, examine the adjustments of the transit and find no errors, then to test workings of the solar apparatus, proceed as follows:

At 8h.24m., 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 tack in a stake driven firmly in the ground about 5 chs. N.

Azimuth of Polaris at western elongation: $1^{\circ}12'$.

March 11, 1940; 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 tack in a stake driven firmly in the ground about 5 chs. N.

At 9h.00m., a.m., app.t., set off $31^{\circ}56'N.$, on the lat. arc; $3^{\circ}34'S.$ on the decl. arc, and determine a meridian on the solar which agrees with the true meridian.

At app. noon, with lat. arc unchanged observe the sun on the meridian; the resultant reading of the decl. arc is $3^{\circ}31'S.$, which agrees with the computed declination of the sun.

At 3h.00m., p.m., app.t. with the lat. arc unchanged, set off $3^{\circ}28'S.$ on the declination 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 this instrument is in satisfactory adjustment on this date, prior to the beginning of the surveys herein described.

Survey: West boundary of T. 17 S., R. 5 W.

2.

| | | | | | | | | | | | | |
|--------|--|------|--|-----|--|-----|------|--|-----|-----|--|-----|
| Chains | The cor. of T. 17 S., R. 5 W., Frac. T. 17 S., R. 6 W., and Frac. Ts. 18 S., Rs. 5 and 6 W., is an iron post, 3 ins. in diam., projecting 14 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record. | | | | | | | | | | | |
| | Thence, North, bet. secs. 31 and 36. Over nearly level land, thru very scattering timber and medium undergrowth. | | | | | | | | | | | |
| 6.00 | Wash, 20 lks. wide, course S. 20°W. Asc. gradually over SE. slope to | | | | | | | | | | | |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> <table border="1"> <tr><td></td><td></td></tr> <tr><td>S36</td><td> </td><td>S31</td></tr> <tr><td colspan="3">1940</td></tr> </table> </div> No bearing trees available. Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Continue over nearly level land, thru very scattering timber and scattering undergrowth. Asc. gradually over SE. slope to | | | S36 | | S31 | 1940 | | | | | |
| | | | | | | | | | | | | |
| S36 | | S31 | | | | | | | | | | |
| 1940 | | | | | | | | | | | | |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. 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 cor. of secs. 25, 30, 31 and 36, with brass cap marked <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T17S</td></tr> <tr><td>R6W</td><td> </td><td>R5W</td></tr> <tr><td>S25</td><td> </td><td>S30</td></tr> <tr><td>S36</td><td> </td><td>S31</td></tr> </table> 1940 </div> No bearing trees available. Road, bearing N. 25°W. and S. 10° W. is about 100 lks. W. of this cor. Land, nearly level. Soil, gravelly, 3rd rate. Timber, paloverde, ironwood and mesquite. Undergrowth, greasewood and cacti, scattering sahuaro cactus. | T17S | | R6W | | R5W | S25 | | S30 | S36 | | S31 |
| T17S | | | | | | | | | | | | |
| R6W | | R5W | | | | | | | | | | |
| S25 | | S30 | | | | | | | | | | |
| S36 | | S31 | | | | | | | | | | |
| | North bet. secs. 25 and 30. Over nearly level and gently rolling land, thru very scattering timber and scattering undergrowth. Asc. gradually over SE. slope to $\frac{1}{4}$ sec. cor. | | | | | | | | | | | |
| 7.20 | Wash, 40 lks. wide, in bend, course SW. from N. 20°W. | | | | | | | | | | | |
| 35.00 | Wash, 20 lks. wide, course S. 20° E. | | | | | | | | | | | |
| 40.00 | Low spur, slopes SE. Set an iron post, 3 ft. long, 1 in. | | | | | | | | | | | |

Survey: West boundary of T. 17 S., R. 5 W.

BOOK 4271

30

| | | | | | | | |
|--------|--|-----|-----|-----|-----|-----|-----|
| Chains | <p>in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S25 S30</p> <p style="text-align: center;">1940</p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Continue over nearly level and gently rolling land, thru very scattering timber and scattering undergrowth. Asc. gradually over SE. slope to sec. cor.</p> | | | | | | |
| 47.20 | Road, bears NW. and SE., extends northwesterly to Victoria Mine and southeasterly to the Ajo-Sonoita highway. | | | | | | |
| 51.80 | Wash, 20 lks. wide, course S. 30°E. Asc. gradually over SE. slope. | | | | | | |
| 77.96 | A point from which the SW. cor. of a rock house at Victoria Mine bears N. 49°12'W. | | | | | | |
| 80.00 | Set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs, 19, 24, 25 and 30, with brass cap marked | | | | | | |
| | <p style="text-align: center;">T17S</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>R6W</td> <td>R5W</td> </tr> <tr> <td>S24</td> <td>S19</td> </tr> <tr> <td>S25</td> <td>S30</td> </tr> </table> <p style="text-align: center;">1940</p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, nearly level and gently rolling. Soil, rocky, 4th rate. Undergrowth, greasewood and cacti. Timber, paleverde, ironwood and mesquite. Scattering sahuaro cactus.</p> | R6W | R5W | S24 | S19 | S25 | S30 |
| R6W | R5W | | | | | | |
| S24 | S19 | | | | | | |
| S25 | S30 | | | | | | |
| | <p>North, bet. secs. 19 and 24.</p> <p>Over nearly level and gently rolling land, thru very scattering timber and scattering undergrowth.</p> <p>Asc. gradually over SE. slope to $\frac{1}{4}$ sec. cor.</p> | | | | | | |
| 14.50 | Wash, 15 lks. wide, course SE. | | | | | | |
| 24.56 | A point from which the SW. cor. of a rock house at VICTORIA MINE bears N. 86°52'W. | | | | | | |
| 35.00 | Wash, 50 lks. wide, course SE. | | | | | | |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked | | | | | | |
| | <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S24 S19</p> <p style="text-align: center;">1940</p> | | | | | | |

Survey: West boundary of T. 17 S., R. 5 W.

Chains

No bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high,
W. of cor.Continue over nearly level and gently rolling land, thru
very scattering timber and scattering undergrowth. Asc.
gradually over SE. slope to sec. cor.

56.20 Wash, 20 lks. wide, course SE.

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

| | |
|------|-----|
| T17S | |
| R6W. | R5W |
| S13 | S18 |
| S24 | S19 |

1940

No bearing trees available.

Land, nearly level and gently rolling.

Soil, rocky, 4th rate.

Timber, paloverde, ironwood and mesquite.

Undergrowth, greasewood and cacti.

Scattering sahuaro cactus.

North, bet. secs. 13 and 18.

Over gently rolling land, thru very scattering timber and
scattering undergrowth.

Asc. gradually over SE. slope.

14.00 Wash, 40 lks. wide, course SE. Asc. slightly over S.
slope to20.00 Enter rolling land. Asc. 113 ft. over broken S. and SW.
slopes to40.00 Ridge, bears N. 10° E. and S. 30° E. 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 $\frac{1}{4}$ sec. cor.
with brass cap marked $\frac{1}{4}$

S13 | S18

1940

No bearing trees available.

Enter mountainous land.

Asc. 13 ft. over SW. slope.

41.20 Point of short spur, slopes W. near head of same. Desc.
57 ft. over NW. slope.

45.00 Draw, course SW. Asc. 126 ft. over SW. slope.

78.50 Ridge, bears NW. and SE. Desc. 10 ft. over NE. slope to

Survey: West boundary of T. 17 S., R. 5 W.

BOOK 4271

5.

| | | | | | | | | | |
|-----------------|--|---------------|--|-----|-----|-----|----|-----|-----|
| Chains 80.00 | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">T17S</td></tr> <tr><td>R6W</td><td>R5W</td></tr> <tr><td>S12</td><td>S7</td></tr> <tr><td>S13</td><td>S18</td></tr> </table> <p>1940</p> </div> <p>No bearing trees available.</p> <p>Raise a mound of stone 4 ft. base, 2 ft. high, W. of cor.</p> <p>A peak (a) bears N. $47\frac{1}{2}^{\circ}$E.</p> <p>A peak (b) bears N. $25^{\circ}31'$W.</p> <p>Land, gently rolling, rolling and mountainous. Soil, rocky, 4th rate. Timber, paloverde, ironwood and mesquite. Undergrowth, greasewood and cacti. Scattering sahuaro cactus.</p> | T17S | | R6W | R5W | S12 | S7 | S13 | S18 |
| T17S | | | | | | | | | |
| R6W | R5W | | | | | | | | |
| S12 | S7 | | | | | | | | |
| S13 | S18 | | | | | | | | |
| | <p>North, bet. secs. 7 and 12.</p> <p>Over mountainous land, thru very scattering timber and scattering undergrowth.</p> <p>Desc. 60 ft. over NE. slope.</p> | | | | | | | | |
| 8.00 | Wash, 20 lks. wide, course SE. Enter gently rolling land. Asc. gradually over S. slope. | | | | | | | | |
| 20.00 | Enter mountainous land. Asc. 300 ft. over S. slope 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 $\frac{1}{4}$ sec. cor., with brass cap marked | | | | | | | | |
| | <div style="text-align: center;"> <table border="1"> <tr><td colspan="2">$\frac{1}{4}$</td></tr> <tr><td>S12</td><td>S7</td></tr> </table> <p>1940</p> </div> <p>No bearing trees available.</p> <p>Asc. 148 ft. over S. slope.</p> | $\frac{1}{4}$ | | S12 | S7 | | | | |
| $\frac{1}{4}$ | | | | | | | | | |
| S12 | S7 | | | | | | | | |
| 44.00 | Ridge, bears N. 80° W. and S. 80° E. Desc. 194 ft. over NE. slope. | | | | | | | | |
| 55.20 | Wash, 20 lks. wide, course E.; asc. 224 ft. over S. slope. | | | | | | | | |
| 65.00 | Spur, slopes S. 60° E.; desc. 38 ft. over NE. slope. | | | | | | | | |
| 71.30 | Desc. gradually over E. slope. | | | | | | | | |
| 76.40 | Spur, slopes NE.; desc. 52 ft. over NW. slope to | | | | | | | | |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. 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 cor. of secs. 1, 6, 7 and 12, with brass cap marked | | | | | | | | |

Survey: West. boundary of T. 17 S., R. 5 W.:

6.

| Chains | |
|--------|---|
| | <div style="text-align: center;"> T17S R6W R5W S1 S6 S12 S7 </div> <p style="text-align: center;">1940</p> <p>No bearing trees available.</p> <p>Land, mountainous and gently rolling. Soil, rocky, 4th rate. Timber, paloverde, ironwood and mesquite. Undergrowth, greasewood and cacti. Scattering sahuaro cactus.</p> |
| | <p>North, bet. secs. 1 and 6.</p> <p>Over mountainous land, thru very scattering timber and scattering undergrowth.</p> <p>Desc. 68 ft. over NW. slope.</p> <p>2.30 Wash, 10 lks. wide, course NE. Desc. 60 ft. over E. slope.</p> <p>12.30 Spur, slopes NE.; desc. 80 ft. over NW. slope.</p> <p>28.00 Wash, 15 lks. wide, course E.; asc. 129 ft. over SE. slope.</p> <p>33.90 Top of ascent, 40 lks. E. from top of knoll; desc. 131 ft. over NE. slope to</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 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 $\frac{1}{4}$ sec. cor., with brass cap marked</p> <div style="text-align: center;"> S1 S6 1940 </div> <p>No bearing trees available.</p> <p>Desc. 52 ft. over NE. slope.</p> <p>47.20 Wash, 20 lks. wide, course NE. Leave mountainous and enter nearly level and gently rolling land.</p> <p>71.40 Low ridge in bend from N. 5°W. to S. 40°W.; desc. 28 ft. over E. slope to</p> <p>80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for cor. of Ts. 16 and 17 S., Rs. 5 and 6 W., with brass cap marked</p> <div style="text-align: center;"> T16S R6W R5W S36 S31 S1 S6 T17S 1940 </div> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.</p> |

Survey: West boundary of T. 17 S., R. 5 W.

BOOK 4271

7.

Chains

Land, mountainous, nearly level and gently rolling.
 Soil, rocky, 4th rate.
 Timber, paloverde, ironwood and mesquite.
 Undergrowth, greasewood and cacti.
 Scattering sahuaro cactus.

8.

| | |
|--------|---|
| Chains | <p>From cor. of Ts. 16 and 17 S., Rs. 5 and 6 W., herein- before described,</p> <p>North, bet. secs. 31 and 36.</p> <p>Over nearly level and gently rolling land, thru very scattering timber and scattering undergrowth. Desc. slightly over NE. slope.</p> |
| 17.70 | Wash, 40 lks. wide, course S. 70° E. Asc. very gradually over SE. and E. slopes to |
| 40.00 | <p>Set an iron post, $\frac{3}{4}$ ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;"> $\frac{1}{4}$ S36 S31 1940 </p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>A peak (a) bears S. 13° E.</p> <p>A peak (b) bears N. 59°20'W.</p> <p>Continue over nearly level and gently rolling land.</p> <p>Asc. gradually over E. slope.</p> |
| 45.10 | Road, bears NE. and SW., extends northeasterly to the Ajo- Sonoita highway and southwesterly to VICTORIA MINE. |
| 80.00 | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked</p> <p style="text-align: center;"> T16S R6W R5W S25 S30 S36 S31 1940 </p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, nearly level and gently rolling. Soil, rocky, 4th rate. Timber, paloverdo, ironwood and mesquite. Undergrowth, greasewood and cacti. Scattering sahuaro cactus.</p> |
| | <p>North, bet. secs. 25 and 30.</p> <p>Over nearly level and gently rolling land, thru scattering undergrowth.</p> <p>Asc. gradually over easterly slope.</p> |
| 1.50 | Wash, 30 lks. wide, course S. 80°E. |

Survey: West boundary of T. 16 S., R. 5 W.

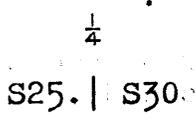
BOOK 4271

9.

Chains

39.50 Wash, 10 lks..wide, course S. 85°E.

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

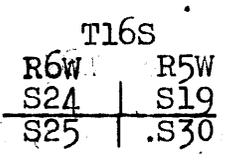


1940

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

Continue over nearly level and gently rolling land, ascending gradually over easterly slope..

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



1940

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

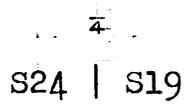
Land, nearly level and gently rolling.
Soil, rocky 4th rate.
Timber, none.
Undergrowth, greasewood and cacti..
Scattering sahuaro cactus.

North, bet. secs. 19 and 24.

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

Asc. gradually over easterly slope.

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

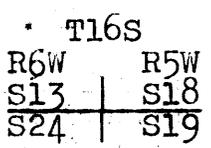


1940

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

Continue over nearly level and gently rolling land, descending over northeasterly slope.

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



1940

Survey: West boundary of T. 16 S., R. 5 W.

10

Chains

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

Land, nearly level and gently rolling.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, greasewood and cacti.
Scattering sahuaro cactus.

North, bet. secs. 13 and 18.

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

Desc. gradually over northeasterly slope.

10.00 Enter wash, .40 lks. wide, course N. from S. 15°W. Thence in wash.

13.00 Leave wash course NE.

15.00 Road N. and SE. Thence along W. side of same.

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

4
S13 | S18

1940

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

Enter level land. Continue along W. side of road bearing N. and S. about 50 lks. E. of line.

65.00 Enter nearly level overflow land of Growler Wash, bears NW. and SE. Thence across same, draining NW.

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

.T16S
R6W | R5W
S12 | S7
S13 | S18

1940

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

Land, nearly level, gently rolling and level.
Soil, sandy and gravelly, 2nd and 3rd rates.
Timber, paloverde, ironwood and mesquite.
Undergrowth, greasewood and cacti.
Scattering sahuaro cactus.

North, bet. secs. 7 and 12.

Over nearly level overflow land of Growler Wash, draining NW., thru very scattering timber and undergrowth, nearly parallel to road, about 50 lks. E. of line.

| | |
|--------|--|
| Chains | |
| 14.20 | Growler Wash, 100 lks. wide, course NW. Continue across overflow land. |
| 20.00 | Leave overflow land, bears NW. and SE. Enter level land. |
| 20.70 | Old Ajo-Sonoita road, bears NW. and SE. Continue nearly parallel to road about 100 lks. E. of line. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S12 S7 1940 No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Continue over level land, nearly parallel to road about 75 lks. E. of line. |
| 78.20 | Wash, 50 lks. wide, course N. 70°W. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked T16S R6W R5W S1 S6 S12 S7 1940 No bearing trees available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, nearly level and level. Soil, sandy and gravelly, 2nd and 3rd rates. Timber, paloverde, ironwood and mesquite. Undergrowth, greasewood and cacti. Scattering sahuaro cactus. |
| | North, bet. secs. 1 and 6. Over nearly level land, thru very scattering timber and scattering undergrowth, nearly parallel to road about 60 lks. E. of line. |
| 2.00 | Wash, 15 lks. wide, course N. 70° W. |
| 5.00 | Road crosses line bearing N. and S.; thence nearly parallel to line and about 50 lks. W. therefrom. |
| 39.50 | Shallow wash, 15 lks. wide, course W. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4}$ S1 S6 1940 |

BOOK 4271

Survey: West boundary of T. 16 S., R 5 W.

12

Chains

No bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high,
W. of cor.Continue nearly parallel to road W. of line about 50 lks.
dist. . .

82.36

Intersect 3rd Standard Parallel South at a point 3.95 chs.
E. of the standard cor. of Ts. 15 S., Rs. 5 and 6 W.,
established under this group as described in field notes
of survey of the Parallel thru R. 5 W.

At point of intersection:

Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in
the ground, for closing cor. of Ts. 16 S., Rs. 5 and 6
W., with brass cap marked

| | |
|------|-----|
| T15S | R5W |
| S 31 | |
| S1 | S6. |
| R6W | R5W |
| T16S | |
| 1 CC | |
| 1940 | |

No bearing trees available. . .

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

Land, nearly level.

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

Timber, paloverde, ironwood and mesquite.

Undergrowth, greasewood, sagebrush and cacti.

Scattering sahuaro cactus.

Survey: West boundary of T. 16 S., R. 8 W.

BOOK 4271

13

Chains At a point 5.30 chs. E. of the std. cor. of Ts. 15 S., Rs. 8 and 9 W., on the 3rd Standard Parallel South, established under this group as described in field notes of survey of the Parallel thru R. 8 W., set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for closing cor. of Ts. 16 S., Rs. 8 and 9 W., with brass cap marked

| | |
|----------|-----|
| T15S R8W | |
| S 31 | |
| S1 | S6. |
| R9W | R8W |
| CC | |
| T16S | |
| 1940 | |

No bearing trees available.

Raise a mound of stone 4 ft. base, 2 ft. high, S. of cor.

Thence

South, bet. secs. 1 and 6.

Over nearly level land, thru very scattering timber and scattering undergrowth.

10.00 Wash, 10 lks. wide, course NE.

34.00 Wash, 100 lks. wide, course NE.

42.36 (The dist; determined by survey of W. bdy. of T. 16 S., R. 5 W., hereinbefore described)
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

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

No bearing trees available.

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

Continue over nearly level land, thru very scattering timber and scattering undergrowth.

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

| | |
|------|-----|
| T16S | |
| R9W | R8W |
| S1 | S6 |
| S12 | S7 |
| 1940 | |

No bearing trees available.

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, paloverde, ironwood and mesquite.

Undergrowth, greasewood, sagebrush and cacti.

Scattering sahuaro cactus.

| | |
|--------|--|
| Chains | South, bet. secs. 7 and 12. |
| | Over nearly level land, thru very scattering timber and scattering undergrowth. |
| 21.00 | Wash, 40 lks. wide, course N. 20°E. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 16 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 $\frac{1}{4}$ sec. cor., with brass cap marked |
| | $\frac{1}{4}$ S12 S7 1940 |
| | No bearing trees available. |
| 51.80 | Wash, 100 lks. wide, course NE. Leave nearly level, and enter mountainous land, in the Agua Dulce Mts. Asc. 238 ft. over N. slope. |
| 62.00 | Spur, slopes N. 70°W.; desc. 52 ft. over SW. slope. |
| 67.00 | Head of wash, course N. 70°W.; asc. 187 ft. over NW. slope. |
| 73.80 | Spur, slopes N. 70°E.; desc. 85 ft. over broken SE. slope to |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in diam., 14 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 cor. of secs. 7, 12, 13 and 18, with brass cap marked |
| | T16S R9W R8W S12 S7 S13 S18 1940 |
| | No bearing trees available. |
| | Land, N. 51.80 chs. nearly level; remainder mountainous. Soil, gravelly, 3rd rate in N. 51 chs.; elsewhere, rocky 4th rate. |
| | Timber, scrub paloverde and ironwood. |
| | Undergrowth, greasewood and cacti. |
| | Scattering sahuaro cactus. |
| | South, bet. secs. 13 and 18. |
| | Over mountainous land, thru scattering undergrowth. |
| | Desc. 82 ft. over broken SE. slope. |
| 9.00 | Wash, 50 lks. wide, course NE.; asc. 678 ft. over NE. slope. |
| 27.70 | Spur, slopes NW. from S. 10° E.; asc. 104 ft. over W. slope to |
| 34.00 | Same spur, slopes N. 10° E.; asc. 28 ft. over NE. slope to |
| 35.00 | Head of spur, slopes E.; desc. 46 ft. over SE. and E. slopes to |

| Chains | |
|--------|---|
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ S13 S18 1940 raise a mound of stone, 3 ft. base, 2 ft high, W. of cor. Desc. 18 ft. over E. slope. </div> |
| 40.70 | Spur, slopes S. 80°E.; desc. 85 ft. over broken SE. slope. |
| 50.30 | Head of wash, course E.; asc. 36 ft. over NE. slope. |
| 55.00 | Spur, slopes E.; desc. 56 ft. over S. slope. |
| 57.10 | Wash, 150 lks. wide, course N. 70°E.; asc. 223 ft. over steep N. slope. |
| 64.70 | Main ridge of the Agua Dulce Mountains, bears N. 62°W., and S. 62° E.; desc. 257 ft. over S. slope. |
| 72.00 | Wash, 50 lks. wide, course E.; asc. 106 ft. over N. slope. |
| 77.00 | Spur, slopes E.; desc. 31 ft. over broken S. slope to |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in diam., 14 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 cor. of secs. 13, 18, 19 and 24, with brass cap marked <div style="text-align: center;"> T16S R9W R8W S13 S18 S24 S19 1940 Land, mountainous. Soil, rocky 4th rate. Timber, none. Undergrowth, greasewood and cacti. Scattering sahuaro cactus. </div> <hr/> South, bet. secs. 19 and 24. Over mountainous land, thru scattering undergrowth. Desc. 408 ft. over broken S. slope. |
| 17.70 | Wash, 100 lks. wide, course S. 70°E.; asc. 103 ft. over broken NE. slope. |
| 21.00 | Spur, slopes E.; desc. 171 ft. over SE. slope. |
| 27.00 | Wash, 30 lks. wide, course E.; asc. 172 ft. over NE. slope. |
| 32.20 | Spur, slopes E.; desc. 81 ft. over S. slope. |
| 35.00 | Wash, 10 lks. wide, course E.; asc. 113 ft. over NE. slope. |
| 39.80 | Spur, slopes SE.; desc. 2 ft. over SW. slope to |

| | | | | | | | |
|--------|---|-----|-----|-----|-----|-----|-----|
| Chains | | | | | | | |
| 40.00 | <p>Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S24 S19</p> <p style="text-align: center;">1940</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Desc. 377 ft. over SW. slope to</p> | | | | | | |
| 66.50 | <p>Wash, 60 lks. wide, course S. from NE. Leave mountainous, and enter rolling land. Thence along wash which crosses and recrosses the line at frequent intervals. Desc. 60 ft. to</p> | | | | | | |
| 80.00 | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 15 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 cor. of secs. 19, 24, 25 and 30, with brass cap marked</p> <p style="text-align: center;">T16S</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">R9W</td> <td style="text-align: center;">R8W</td> </tr> <tr> <td style="text-align: center;">S24</td> <td style="text-align: center;">S19</td> </tr> <tr> <td style="text-align: center;">S25</td> <td style="text-align: center;">S30</td> </tr> </table> <p style="text-align: center;">1940</p> <p>This cor. is on E. bank of wash, course southerly. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood and cacti. Scattering sahuaro cactus.</p> | R9W | R8W | S24 | S19 | S25 | S30 |
| R9W | R8W | | | | | | |
| S24 | S19 | | | | | | |
| S25 | S30 | | | | | | |
| | <p>South, bet. secs. 25 and 30.</p> <p>Over gently rolling land, thru scattering undergrowth, along wash, course southerly, crossing and recrossing the line at frequent intervals. Desc. 90 ft. to</p> | | | | | | |
| 40.00 | <p>Set an iron post, 3 ft. long, 1 in. in diam., 14 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 $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S25 S30</p> <p style="text-align: center;">1940</p> <p>Continue over gently rolling and nearly level land along same wash, course southerly. Desc. gradually to</p> | | | | | | |
| 80.00 | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for cor. of secs. 25, 30, 31 and 36, with brass cap marked</p> <p style="text-align: center;">T16S</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">R9W</td> <td style="text-align: center;">R8W</td> </tr> <tr> <td style="text-align: center;">S25</td> <td style="text-align: center;">S30</td> </tr> <tr> <td style="text-align: center;">S36</td> <td style="text-align: center;">S31</td> </tr> </table> <p style="text-align: center;">1940</p> | R9W | R8W | S25 | S30 | S36 | S31 |
| R9W | R8W | | | | | | |
| S25 | S30 | | | | | | |
| S36 | S31 | | | | | | |

Survey: West boundary of T. 16 S., R. 8 W.

BOOK 4271
17

Chain

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

Land, gently rolling and nearly level.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, scrub paloverde and ironwood, greasewood and cacti.

Scattering sahuaro cactus.

South, bet. secs. 31 and 36.

Over nearly level land, thru scattering undergrowth, along a wash, course southerly. Desc. gradually 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 $\frac{1}{4}$ sec. cor., with brass cap marked

S36 | S31

1940

Leave wash, course SE. from N. Continue over nearly level land, descending gradually to

80.00 Set an iron post, 3 ft. long, 3 ins. 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 cor. of Ts. 16 and 17 S., Rs. 8 and 9 W., with brass cap marked

T16S
R9W | R8W
S36 | S31
S1 | S6
T17S
1940

Land, nearly level.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, scrub paloverde and ironwood, greasewood and cacti.

Scattering sahuaro cactus.

Survey: West boundary of Frac. T. 17 S., R. 8 W.

18

Chains

From cor. of Ts. 16 and 17 S., Rs. 8 and 9 W., hereinbefore described.

South, bet. frac. secs. 1 and 6.

Over nearly level land, thru scattering undergrowth.

Desc. gradually.

0.50 Wash, 30 lks. wide, course S. 10° W. from N. 10° W.

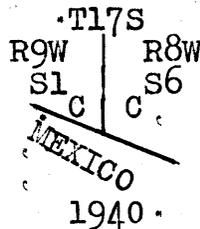
14.00 Same wash, 30 lks. wide, course SE.

27.00 Dim road, bears NW. and SE.

33.63 Intersect the International Boundary between United States and Mexico, between Monuments Nos. 174 and 175 thereon at a point 146.54 chs. N. 70°20'W. from Monument No. 174.

At point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 18 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 closing cor. of Frac. Ts. 17 S., Rs. 8 and 9 W., with brass cap marked



Land, nearly level.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, scrub paloverde and ironwood, greasewood and cacti.

Scattering sahuaro cactus.

Survey: W¹/₂ of South boundary of T. 16 S., R. 8 W.

BOOK 4271

19

Chains

From cor. of Ts. 16 and 17 S., Rs. 8 and 9 W., herein-
before described.

East, bet. secs. 6 and 31.

Over nearly level land, thru scattering undergrowth.

28.80 Wash, 60 lks. wide, course S. 10° E.

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

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

1940

53.40 Wash, 60 lks. wide, course S. 10° E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 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 cor. of secs. 5, 6, 31 and 32, with brass cap marked

T16S R8W
S31 | S32
S6 | S5
T17S
1940

Land, nearly level.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, greasewood, scrub palo verde and cacti.

Scattering sahuaro cactus.

East, bet. secs. 5 and 32.

Over nearly level land, thru scattering undergrowth.

7.50 Wash, 50 lks. wide, course S. 10° E.

17.20 Wash, 100 lks. wide, course S. 10° E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 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

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

1940

40.03 Wash, 5 lks. wide, course S.

60.00 Wash, 30 lks. wide, course S. 20° E.

72.20 Wash, 200 lks. wide, course S. 10° E.

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

20

| Chains | |
|--------|---|
| | T16S R8W S32 S33 S5 S4 T17S 1940 |
| | Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. |
| | Land, nearly level. Soil, rocky 4th rate. Timber, none. Undergrowth, greasewood, scrub paloverde and cacti. Scattering sahuaro cactus. |
| | East, bet. secs. 4 and 33. Over nearly level land, thru scattering undergrowth. |
| 9.00 | Wash, 100 lks. wide, course SE. |
| 34.60 | Wash, 200 lks. wide, course S. 10° E. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked |
| | $\frac{1}{4}$ S 33 S 4 1940 |
| | Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. |
| 60.00 | Wash, 30 lks. wide, course S. |
| 72.00 | Wash, 150 lks. wide, course S. 10° E. |
| 79.60 | Wash, 20 lks. wide, course SE. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in diam., 14 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 cor. of secs. 3, 4, 33 and 34, with brass cap marked |
| | T16S R8W S33 S34 S4 S3 T17S 1940 |
| | Land, nearly level. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood, cacti and scrub paloverde. Scattering sahuaro cactus. |

Survey: Part of Subdivisional lines of Frac. T. 17 S., R. 8 W.

BOOK 4271

Chains

From the cor. of secs. 3, 4, 33 and 34, T. 16 S., and Frac. T. 17 S., R. 8 W., hereinbefore described.

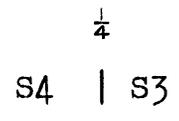
S. 0° 02' E., bet. secs. 3 and 4.

Over nearly level land, thru scattering undergrowth.

0.50 Wash, 20 lks. wide, course SE.

35.00 Wash, 100 lks. wide, course SE.

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



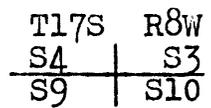
1940

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

50.00 W. edge of wash 200 lks. wide, course S. from NE. Thence along same.

59.00 Leave W. edge of wash, course S. 15° E. from N.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked



1940

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

Land, nearly level.
Soil, rocky, 4th rate.
Timber, none.
Undergrowth, greasewood, scrub paloverde and cacti.
Scattering sahuaro cactus.

S. 0° 02' E., bet. frac. secs. 9 and 10.

Over nearly level land, thru scattering undergrowth.

38.65 Intersect the International Boundary bet. United States and Mexico, bet. Monuments Nos. 173 and 174 thereon, at 54.41 chs. N. 70°20'W., from Monument No. 173. At point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for closing cor. of Frac. secs. 9 and 10, with brass cap marked



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

Land, nearly level.
Soil, rocky, 4th rate.
Timber, none.

Survey: Part of Subdivisional lines of Frac. T. 17 S., R. 8 W.

Chains

Undergrowth, greasewood, cacti, scrub paloverde and ironwood.
Scattering sahuaro cactus.

| | |
|--------|---|
| Chains | <p>From cor. of secs. 3, 4, 33 and 34, on S. bdy. of the Tp., hereinbefore described,</p> <p>N. 0° 02' W., bet. secs. 33 and 34.</p> <p>Over nearly level land, thru scattering undergrowth.</p> <p>26.80 Wash, 35 lks. wide, course SW. from N. 10° E.</p> <p>37.20 Same wash, course S. 10° E. from N. 20° E.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 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 $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;">4 S33 S34 1940</p> <p>44.00 Same wash, course S. 20° E. from N. 10° W.</p> <p>55.00 Leave nearly level and enter heavily rolling land. Asc. 65 ft. over SW. slope.</p> <p>61.20 Spur, slopes W.; desc. 33 ft. over NW. slope.</p> <p>70.30 Wash, 30 lks. wide, course SW.; asc. 27 ft. over S. slope to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 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 cor. of secs. 27, 28, 33 and 34, with brass cap marked</p> <p style="text-align: center;">T16S R8W S28 S27 S33 S34 1940</p> <p>Land, S. 55 chs. nearly level; N. 25 chs. heavily rolling. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood, cacti and scrub paloverde. Scattering sahuaro cactus.</p> <hr/> <p>N. 0° 02' W., bet. secs. 27 and 28:</p> <p>Over heavily rolling land, thru scattering undergrowth.</p> <p>Asc. 162 ft. over broken S. slope.</p> <p>20.00 Ridge, bears W. and S. 60° E.; desc. 91 ft. over N. slope.</p> <p>25.00 Leave heavily rolling and enter nearly level land, bears NW. and SE.</p> <p>34.60 Wash, 20 lks. wide, course NE.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked</p> |
|--------|---|

24

Chains

| | |
|-------|--|
| | $\frac{1}{4}$ <p style="text-align: center;">S28 S27</p> <p style="text-align: center;">1940</p> <p>Continue over nearly level land, thru scattering undergrowth, descending gradually over NE. slope.</p> |
| 80.00 | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 18 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 cor. of secs. 21, 22, 27 and 28, with brass cap marked</p> <p style="text-align: center;">T16S R8W S21 S22 S28 S27</p> <p style="text-align: center;">1940</p> <p>Land, S. 25 chs. heavily rolling; N. 55 chs. nearly level. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood, cacti, scrub paloverde and ironwood. Scattering sahuaro cactus.</p> |
| | <p>N. 0° 02' W., bet. secs. 21 and 22.</p> <p>Over gently rolling land, thru scattering undergrowth. Asc. 29 ft. over SE. slope.</p> |
| 5.00 | <p>Low spur, slopes N. 30° E.; desc. 29 ft. over NW. slope to</p> |
| 10.00 | <p>Foot of slope, bears NE. and SW. Leave gently rolling and enter nearly level land.</p> |
| 40.00 | <p>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 $\frac{1}{4}$ sec. cor., with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S21 S22</p> <p style="text-align: center;">1940</p> |
| 40.80 | <p>Wash, 20 lks. wide, course SE.</p> |
| 80.00 | <p>Set an iron post, 3 ft. long, 2 ins. in diam., 14 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 cor. of secs. 15, 16, 21 and 22, with brass cap marked</p> <p style="text-align: center;">T16S R8W S16 S15 S21 S22</p> <p style="text-align: center;">1940</p> <p>A pass in the Agua Dulce Mts., bears W. about 120 chs. dist.</p> <p>A high peak in same Mts. bears N. 83$\frac{1}{2}$° W.</p> <p>Highest peak in same Mts. bears N. 73° W.</p> |

Survey: Part of Subdivisional lines of T. 16 S., R. 8 W.

BOOK 4271

25

| Chains | |
|--------|--|
| | <p>A lone hill, bears S. 70°E.</p> <p>Land, S. 10 chs. gently rolling; N. 70 chs. nearly level. Soil, rocky, 4th rate. Timber, none. Undergrowth, greasewood, scrub paloverde and cacti. Scattering sahuaro cactus.</p> |
| | <p>N. 0° 02' W., bet. secs. 15 and 16.</p> <p>Over nearly level land, thru scattering undergrowth.</p> |
| 30.00 | Wash, 20 lks. wide, course NE. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked |
| | <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S16 S15</p> <p style="text-align: center;">1940</p> <p style="text-align: center;">dig pits 18x18x12 ins., one each N. and S. of cor. 3 ft. dist.</p> |
| 62.00 | Wash, 30 lks. wide, course NE. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked |
| | <p style="text-align: center;">T16S R8W</p> <p style="text-align: center;">S9 S10</p> <p style="text-align: center;">S16 S15</p> <p style="text-align: center;">1940</p> <p style="text-align: center;">dig pits 18x18x12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist.</p> <p>Land, nearly level. Soil, rocky, 4th rate: Timber, none. Undergrowth, greasewood, scrub paloverde and cacti. Scattering sahuaro cactus.</p> |
| | <p>N. 0° 02' W.; bet. secs. 9 and 10.</p> <p>Over nearly level land, thru scattering undergrowth.</p> |
| 9.50 | Wash, 20 lks. wide, course NE. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked |
| | <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S9 S10</p> <p style="text-align: center;">1940</p> <p style="text-align: center;">dig pits 18x18x12 ins., one each N. and S. of cor., 3 ft. dist.</p> |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked |

Survey: Part of Subdivisional lines of T. 16 S., R. 8 W.

26

Chains

| | |
|----------|-----|
| T16S R8W | |
| S4 | S3 |
| S9 | S10 |

1940

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

Land, nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, scrub paloverde and cacti.

Scattering sahuaro cactus.

N. 0° 02' W., bet. secs. 3 and 4.

Over nearly level land, thru scattering undergrowth.

5.40 S. edge of overflow land bears NW. and SE. Thence across
overflow land, course NW., thru dense undergrowth.

34.50 N. edge of overflow land, bears NW. and SE. Leave over-
flow land and dense undergrowth. Continue over nearly
level land, thru scattering undergrowth.

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

 $\frac{1}{4}$

| | |
|----|----|
| S4 | S3 |
|----|----|

1940

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

44.26 Dim road, bears NW. and SE.

82.36 Intersect the 3rd Standard Parallel South, at a point
5.07 chs. E. of the std. cor. of secs. 33 and 34, T. 15
S., R. 8 W., established under this group as described
in field notes of survey of the Parallel thru R. 8 W.

At point of intersection:

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

| | |
|----------|-----|
| T15S R8W | |
| S34 | |
| S4 | S3 |
| T16S | R8W |
| C | C |

1940

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

Land, nearly level.

Soil, sandy and gravelly, 3rd rate.

Timber, none.

Undergrowth, greasewood, scrub paloverde and cacti.

Scattering sahuaro cactus.

FINAL FIELD TEST OF INSTRUMENT

The continued satisfactory adjustment of Buff transit No. 18000 throughout the surveys executed with same which are described in the foregoing field notes, is indicated by the final field tests of same described in Book "D".

30

BOOK 4271

CERTIFICATE OF SURVEYOR

I, Benjamin J. Kinsey, ^{Associate} Cadastral Engineer, HEREBY CERTIFY upon honor that, in pursuance of ^{supplemental} special instructions bearing date of the 9th day of January, 1940, received from the district cadastral engineer for Arizona, with assignment instructions dated November 6, 1939, I have surveyed the West boundaries of Ts. 16 and 17 S., R. 5 W.; T. 16 S., R. 8 W.; and Frac. T. 17 S., R. 8 W.; W. 1/2 of South bdy. of T. 16 S., R. 8 W.; and the mid-meridional subdivisional lines thru T. 16 S., R. 8 W. and Frac. T. 17 S., R. 8 W., of the Gila & 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 ^{supplemental} 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 West boundaries of Ts. 16 and 17 S., R. 5 W.; T. 16 S., R. 8 W.; and Frac. T. 17 S., R. 8 W.; W. 1/2 of South bdy. of T. 16 S., R. 8 W.; and the mid-meridional subdivisional lines thru T. 16 S., R. 8 W. and Frac. T. 17 S., R. 8 W.; of the Gila and Salt River Meridian, in the State of Arizona executed by Benjamin J. Kinsey, Cadastral Engineer, under ^{supplemental} special instructions dated January 9, 1940, for Group 230, Ariz., and assignment instructions dated November 6, 1939, 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.~~

5/29/43