

FIELD NOTES

OF THE SURVEY OF THE

Completion of the Subdivision Lines of

Township 3 North, Range 5 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Theodore VanderMeer, U.S. Transitman

In the capacity of U. S. Surveyor, under Special Instructions dated January 8, 1930, issued by the District Cadastral Engineer to govern surveys included in Group No. 162, Arizona, which were approved by the Commissioner of the General Land Office, January 18, 1930, and Assignment Instructions dated February 21, 1930.

Survey commenced March 5, 1930.

Survey completed March 10, 1930.

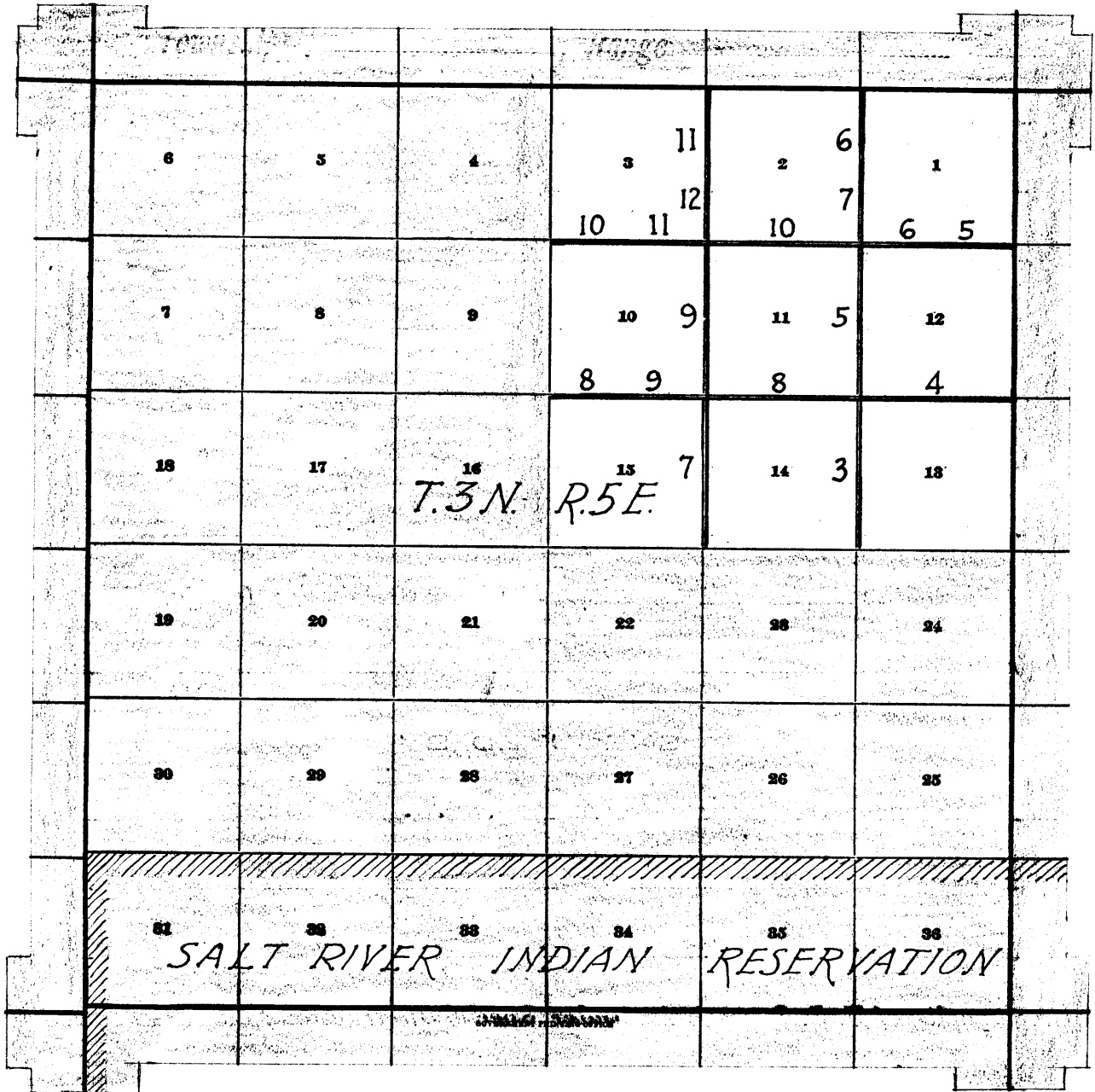
3922

3922

Book "A"
Group 162- Arizona

BOOK 3922

INDEX DIAGRAM.



— Lines surveyed under this group. Notes herein.

— Accepted, surveyed lines.

▒ Areas surveyed as per accepted plats on file.

▨ Boundary of Salt River Indian Reservation.

Book "A"
 Group 162 Arizona
 Township 3 North, Range 5 East
 DATE DIAGRAM
 1930

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

— Surveyed by Theo. Vander Meer, U.S. Transitman under this group, on dates (1930) shown thereon. Notes herein.

— Accepted, surveyed lines.

Surveys hereinafter described were executed on dates shown on diagram on page 1, hereof, by Theodore VanderMeer, U. S. Transitman, using Buff and Buff solar transit No. 9977, an instrument equipped with a full vertical circle and Smith solar attachment. Unless otherwise specified all azimuth determinations are made with the solar attachment.

March 3, 1930, at camp site in sec. 14, T.3 N., R.5 E., G. & S.R.B. & M., latitude $33^{\circ}35\frac{1}{2}'$ N., longitude $111^{\circ}49'$ W., examine the adjustments of the instrument and find no errors; then, to test the solar apparatus by comparing its indications resulting from a.m. and p.m. observations on the sun with a meridian established by Polaris observation, proceed as follows:

At $8^{\text{h}}45^{\text{m}}$ p.m., l.m.t., observe Polaris at Western Elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined by a tack in a peg driven firmly in the ground about 5 chs. N.

March 4, 1930: lay off the azimuth of Polaris, $1^{\circ}17'$ to the East, and mark the meridian thus determined by a tack in a peg driven firmly in the ground about 5 chs. North.

At $8^{\text{h}}00^{\text{m}}$ a.m., app.t., set off $33^{\circ}35\frac{1}{2}'$ N. on the latitude arc and $6^{\circ}31\frac{1}{2}'$ S. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the latitude arc unchanged, observe the sun on the meridian; the resulting reading of the declination arc is $6^{\circ}28\frac{1}{2}'$ S., which agrees with the computed declination of the sun.

At $4^{\text{h}}00^{\text{m}}$ p.m., app.t., with the lat. arc unchanged, set off $6^{\circ}23\frac{1}{2}'$ S. on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

A satisfactory final test of the solar apparatus is indicated from initial test tescribed in Book "B" of this Group.

All measurements are made with a Lallie steel tape, 5.00 chains in length, compared with a Lufkin standard steel tape, 1.00 chain in length, and found correct. The measurements are made on the slope, the vertical angles determined with clinometers, and the slope measurements properly reduced to true horizontal distances.

Survey of Part.(Completion) of the Subdivision Lines of T.3 N.,R.5 E.

Chains The latitudinal subdivision line bet. the south two tiers of secs. of T.3 N.,R.5 E., was surveyed in 1888 by L.D.Chillson,U.S.D.S. as a part of the boundary of the Salt River Indian Reservation.

The meridional subdivision lines of the south tier of secs.of said Tp.,and the latitudinal quarter and sixteenth lines thereof, were surveyed in 1911 by R.A.Farmer,U.S.Topographer, who also at the same time resurveyed the subdivision line surveyed by Chillson.

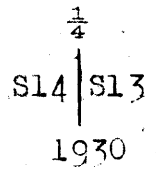
The subdivision lines of the remainder of the Tp.,with the exception of the NE. quarter, were surveyed in 1914 by S.E.Blout,U.S.S.

No subsequent survey, resurvey, or retracement of any subdivision lines of this Tp. is of record.

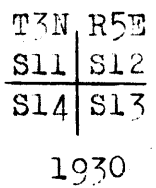
The following notes describe a survey of the subdivision lines of the NE. quarter of the Tp., which completes the subdivision of the Tp.

The cor.of secs.13,14,23 and 24 is an iron post, 2 ins. diam., projecting 8 ins.above ground,firmly set, properly marked on brass cap, and witnessed by a mound of stone W. of cor.

- Thence N.0°01'W.,on true line, bet. secs.13 and 14 Over rolling land,through moderate undergrowth.
- 4.30 Desc. 25 ft. over NE. slope.
- Wash, 10 lks.wide, course SE.
- 21.00 Asc. 171 ft. over general S. slope.
- Flat-topped spur, slopes S.15°E.
- Thence over E. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam.,24 ins.in the ground, supported by a mound of stone, for $\frac{1}{4}$ sec.cor. of secs.13 and 14, with brass cap marked



- Raise a mound of stone, 3 ft.base,2 ft.high, W.of cor.
- 58.20 Asc. 122 ft. over E. slope.
- Flat-topped spur, slopes SW.
- Thence over W. slope.
- 59.20 Old road, bears NE. and SW.
- 71.00 Desc. 34 ft.over NW. slope.
- 75.23 Rocky ravine, 20 lks.wide, course SW.
- 75.45 Rocky point, 25 ft.high, projecting W.
- 77.03 Gulch, 25 lks.wide, course S.25°W.
- 78.10 Asc. 47 ft.over SE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins.in the ground, for cor.of secs.11,12,13 and 14, with brass cap marked



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

Land, rolling.

Soil, adobe loam, 2nd and 3rd rate.

Timber, none.

Undergrowth, paloverde, mesquite,catclaw,cactus and greasewood.

Survey of
Part (Completion) of the Subdivision Lines of T.3 N., R.5 E.

Chains	S. 89° 58' E., on random line, bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.82	Put 14 lks. N. of the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tn., which is an iron post, 3 ins. diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone W. of cor.
	Thence
	N. 89° 52' W., on true line, bet. secs. 12 and 13.
	Over mountainous land, through moderate undergrowth.
	Desc. 28 ft. over NW. slope.
1.10	Ravine, course SW.
	Asc. 28 ft. over SE. slope.
4.60	Spur, slopes SW.
	Desc. 16 ft. over NW. slope.
8.40	Ravine, course SSE.
	Asc. 260 ft. over NE. slope.
15.80	Ridge, bears NW. and SE.
	Desc. 301 ft. over SW. slope.
31.40	Gulch, course S. 20° W.
	Asc. 61 ft. over SE. slope.
33.90	Point of spur, sloping S.
	Desc. 46 ft. over SW. slope to
39.91	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone 3 ft. base, 1 $\frac{1}{2}$ ft. high, around post, for $\frac{1}{4}$ sec. cor. of secs. 12 and 13, with brass cap marked
	S12
	$\frac{1}{4}$
	S13
	1930.
	Desc. 152 ft. over SW. slope.
48.80	Gulch, 30 lks. wide, course S. 65° W.
	Asc. 12 ft. over SE. slope.
51.50	Short spur, slopes S.
	Desc. 100 ft. over SW. slope.
66.50	Spur, slopes SW.
	Desc. 65 ft. over NW. slope.
71.70	Gulch, course S. 75° W.
	Asc. 16 ft. over SE. slope.
72.80	Short spur, slopes SW.
	Desc. 62 ft. over W. slope.
78.30	Gulch, 25 lks. wide, course SW.
	Asc. 32 ft. over SE. slope to
79.82	The cor. of secs. 11, 12, 13 and 14.
	Land, mountainous.
	Soil, rocky adobe, 3rd rate.
	Timber, none.
	Undergrowth, oak, mesquite, catclaw, greasewood, cactus and paloverde.

Survey of Part (completion) of Subdivisions of T.3 N., R.5 E. 3922
BOOK

- Chains
- N. 0° 01' W., non true line, bet. secs. 11 and 12. ~~to~~
Over rolling & mountainous land, thru moderate undergrowth.
Asc. 183 ft. over SE. slope.
- 18.20 Spur, slopes E.
Desc. 44 ft. over NE. slope.
- 27.60 Gully, course E. for 3 chs.; thence S.
Asc. 78 ft. over SE. slope.
- 32.00 Long spur, slopes SW.
Desc. 51 ft. over NW. slope.
- 35.00 Ravine, course SW.
Asc. 14 ft. over knolls sloping SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- | | |
|------|-----|
| 1/4 | |
| S11 | S12 |
| 1930 | |
- Raise mound of stone, 4 ft. base, 3 ft. high, W. of cor.
Over broken bottom land.
- 41.90 Enter draw, 25 ft. deep, course S. 30° W.
- 44.30 Leave same.
Asc. 179 ft. over SW. slope.
- 53.40 Spur, slopes SW.
Desc. 57 ft. over NW. slope.
- 56.20 Gulch, 50 lks. wide, course SW.
Asc. 351 ft. over SW. slope, to cor.
- 69.40 Drain, course S. 25° W.
- 74.40 Spur, slopes SW.
- 79.50 Drain, course S. 30° W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 1, 2, 11 and 12, with
brass cap marked
- | | |
|---------|-----|
| T3N R5E | |
| S2 | S1 |
| ----- | |
| S11 | S12 |
| 1930 | |
- Raise mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land: rolling and mountainous.
Soil: rocky loam, 3rd rate.
Timber: none.
Undergrowth: greasewood, catclaw, mesquite, cactus,
palo verde.
-
- S. 89° 52' E., on random line, bet. secs. 1 and 12.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.93 Fall 16 lks. S. of the cor. of secs. 1, 6, 7 and 12, on E.
bdy. of Tp., which is an iron post, 3 ins. diam.,
projecting 6 ins. above ground, firmly set, properly
marked on brass cap, dated 1914, witnessed by a mound
of stone, W. of cor.
- Thence
N. 89° 59' W., on true line, bet. secs. 1 and 12.
Over mountainous land; through scattering undergrowth.
Desc. 16 ft. over SW. slope.
- 3.50 Gulch, course SE.
Asc. 631 ft. over general SE. slope, to ridge.
- 15.00 Long spur, slopes SE.
- 18.60 Head of ravine, course SE.
- 25.60 Divide of McDowell Mts. bears N. and S.
Desc. 475 ft. over general W. slope.

Chains

39.96 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S1
S12
1930

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

Desc. 138 ft. along steep S. slope.

44.00 Gulch, 50 lks. wide, course S.
Asc. 113 ft. over slide rock on SE. slope.

51.10 Spur, slopes SW.
Desc. 214 ft. over W. slope.

56.50 Ravine, course S.30°W.
Asc. 50 ft. over SE. slope.

60.00 Rocky spur, slopes S. for 3 chs., thence SE.
Desc. 91 ft. over SW. slope.

62.00 Ravine, course SE.
Asc. 175 ft. over SE. slope.

70.30 Spur, slopes SE.
Desc. 257 ft. over SW. slope.

79.30 Drain, course SW.
Asc. 10 ft.

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

Land: mountainous.

Soil: rocky loam, 3rd rate.

Timber: none.

Undergrowth: greasewood, palo verde, mesquite, cactus, catclaw.

North, on random line, bet. secs. 1 and 2.

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

77.66 Fall 14 lks. W. of the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp., which is an iron post, 3 ins. diam., projecting 10 ins. above a mound of stone, firmly set, properly marked on brass cap, dated 1914, witnessed by a mound of stone, W. of cor.

Thence

S.0°06'W., on true line, bet. secs. 1 and 2.

Over mountainous land; through scattering undergrowth.

Desc. 362 ft. over broken SW. slope, to $\frac{1}{4}$ sec. cor.

15.00 Draw, course S.60°W.

19.70 Spur, slopes SW.

28.70 Spur, slopes SW.

29.50 Wash, 10 lks. wide, 6 ft. deep, course SW.

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

$\frac{1}{4}$
S2 | S1
1930

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

Desc. 15 ft. over SW. slope.

38.50 Ravine, course SW.
Desc. 96 ft. over broken S. slope.

46.60 Draw, 50 lks. wide, course SW.
Asc. 281 ft. over NW. slope.

Survey of Part (completion) of Subdivisions of T.3 N., R.5 E.

Chains

56.80 Spur, slopes NW.
Along W. slope.

64.30 Spur, slopes W.
Desc. 140 ft. over S.20°E. slope.

67.70 Head of ravine, course SW.
Asc. 33 ft. along E. slope.

72.00 Long spur, slopes SW
Desc. 152 ft. over SE. slope.

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

Land: mountainous.
Soil: rocky adobe and loam, 3rd rate.
Timber: none.
Undergrowth: palo verde, mesquite, catclaw, greasewood, cactus.

From the cor. of secs. 14, 15, 22 and 23, which is an iron post, 2 ins. diam., projecting 8 ins. above ground, firmly set, properly marked on brass cap, dated 1914, witnessed by a mound of stone, W. of cor., N.0°01'W., on true line, bet. secs. 14 and 15.
Over rocky desert land; through scattering undergrowth.

2.40 Dry wash, 30 lks. wide, 10 ft. deep, course W.

14.80 Dry wash, 10 lks. wide, 3 ft. deep, course W.

16.30 Dry wash, 20 lks. wide, 5 ft. deep, course W.

30.70 Dry wash, 150 lks. wide, 6 ft. deep, course SW.
Asc. 230 ft. over S. slope. Over mountainous land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, supported by a mound of stone, for 1/4 sec. cor., with brass cap marked

1/4
S15 | S14
1930

Raise mound of stone, 3 ft. base, 3 ft. high, W. of cor.
Baxter's house bears S.62°04'E.
Baxter's water tank bears S.42°22'E.

Asc. 338 ft. over S. slope, to ridge.

46.40 Spur, slopes S.25°W.

51.90 Ridge bears S.75°E. and W. Beuthal Green's house bears S.35 1/2°W. about 1/2 mile.
Desc. 323 ft. over NE. slope.

67.35 Ravine, course NE.
Asc. 86 ft. over SW. slope.

76.70 Change of slope; along E. slope.

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

T3N R5E
S10 | S11
S15 | S14
1930

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

Land: level and mountainous.
Soil: rocky, 3rd rate.
Timber: none.
Undergrowth: greasewood, cactus, catclaw, mesquite, palo verde.

Survey of Part (completion) of Subdivisions of T.3 N., R.5 E.

Chains	
	N. 89° 58' E., on random line, bet. secs. 11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.03	Fall 5 lks. N. of the cor. of secs. 11, 12, 13 and 14. Thence
	West, on true line, bet. secs. 11 and 14.
	Over rolling land; through scattering undergrowth.
	Asc. 18 ft. over SE. slope.
4.10	Spur, slopes SW.
	Desc. 110 ft. over NW. slope.
11.00	Ravine, course SW.
	Asc. 121 ft. over NE. slope.
20.00	Unused road, bears NW. and SE.
23.40	Spur, slopes S.
	Desc. 110 ft. over NW. slope.
35.30	Enter wash, 15 ft. deep, course SW.
37.50	Leave same.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	S11 <u>1</u> S14 1930
	Raise mound of stone, 3 ft. base, 3 ft. high, N. of cor.
	Asc. 58 ft. over E. slope.
45.70	Low spur, slopes S.
45.50	Unused road, bears N. 15° W. and S. 50° E.
	Desc. 127 ft. over W. slope.
51.60	Small wash, course S.
	Asc. 40 ft. over E. slope.
57.30	Low spur, slopes S.
	Desc. 50 ft. over SW. slope.
74.00	Old, unused road, bears NW. and SE.
74.10	Enter dry wash, course SE.
76.00	Leave same.
	Asc. 83 ft. over E. slope.
80.03	The cor. of secs, 10, 11, 14 and 15.
	Land: rolling.
	Soil: adobe loam, 3rd rate.
	Timber: none.
	Undergrowth: greasewood, mesquite, catclaw, cactus, palo verde.

	N. 89° 52' W., on random line, bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.95	Fall 9 lks. S. of the cor. of secs. 9, 10, 15 and 16, which is an iron post, 2 ins. diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, dated 1914, witnessed by a mound of stone, W. of cor.
	Thence
	S. 89° 48' E., on true line, bet. secs. 10 and 15.
	Over level, hilly land; through scattering undergrowth.
4.20	Dry wash, 40 lks. wide, course SW.
10.00	Over mountainous land; asc. 706 ft. over NW. slope.
39.75	Beuthal green's house bears S. 61° E. Baxter's tank bears S. 43° 58' E. Along N. side of ridge, bears SW. and E.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

Survey of Part(completion) of Subdivisions of T.3 N., R.5 E.

Chains

S10
S15
1930

Raise mound of stone, 4 ft. base, 4 ft. high, on top of ridge, 10 lks. S. of cor.

- Asc. 30 ft. along N. slope.
- 49.10 Ridge, now bears NE. and S. 85° W.
Desc. 167 ft. over SE. slope.
- 55.00 Drain, course S.
Asc. 140 ft. over SW. slope.
- 63.93 Same ridge, bears NW. and SE. Green's house bears S. 12 1/2° W.
Desc. 492 ft. over E. slope.
- 79.95 The cor. of secs. 10, 11, 14 and 15.

Land: level and mountainous.
 Soil: sandy and adobe, 2nd and 3rd rate.
 Timber: none.
 Undergrowth: greasewood, cactus, catclaw, mesquite, palo verde.

N. 0° 01' W., on true line, bet. secs. 10 and 11.
 Over rolling land; through scattering undergrowth.

- Desc. 25 ft. along E. slope.
- 20.90 Draw, 40 lks. wide, course SE.
Asc. 140 ft. over broken SW. slope, to 1/4 sec. cor.
- 33.40 Drain, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, supported by a mound of stone, for 1/4 sec. cor., with brass cap marked

S10 S11
1930

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

- Asc. 250 ft. over SW. slope.
- 50.00 Spur, slopes SE. Ridge, bears E. and W.
Desc. 200 ft. over NW. slope.
- 59.30 Ravine, course SW.
Asc. 121 ft. over SE. slope.
- 62.40 Short spur, slopes SW.
Along W. slope.
- 67.80 Spur, slopes W.
Desc. 77 ft. over gentle NW. slope.
- 71.15 Small ravine, course SW.
Along W. slope.
- 78.60 Ravine, course SW.
Asc. 42 ft. over SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, with stone, marked with cross (x) deposited beside, with mound of stone, 4 ft. base, 1 1/4 ft. high, around post, for cor. of secs. 2, 3, 10 and 11, with brass cap marked

T3N R5E
S3 S2
S10 S11
1930

10

Survey of Part (completion) of Subdivisions of T.5 N., R.5 E.

Chains

Land: rolling and mountainous.
 Soil: rocky, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, mesquite, catclaw, cactus,
 greasewood.

-
- East, on random line, bet. secs. 3 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.78 Fall 2 lks. S. of the cor. of secs. 1, 2, 11 and 12.
 Thence
 S. $89^{\circ}59'$ W., on true line, bet. secs. 2 and 11.
 Over mountainous land; through scattering undergrowth.
 Asc. 62 ft. over SE. slope.
 3.40 Spur, slopes S. 25° W.
 Desc. 220 ft. over NW. slope.
 10.60 Spur, slopes NNW.
 Desc. 30 ft. over NW. slope.
 11.70 Ravine, course SW.
 Asc. 15 ft. over SE. slope.
 12.50 Spur, slopes SSW.
 Desc. 60 ft. over SW. slope.
 18.40 Head of ravine, course SE.
 Asc. 332 ft. over SE. slope.
 31.50 Ridge, bears NE. and SW.
 Desc. 181 ft. over NW. slope.
 39.30 Ravine, course NW.
 Asc. 10 ft.
 39.89 Set an iron post, 3 ft. long, 1 in. diam., .27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S2
 $\frac{1}{4}$ S11
 1930

- Raise mound of stone, 3 ft. base, 3 ft. high, N. of cor.
 Asc. 65 ft. over NE. slope.
 43.50 Spur, slopes N.
 Asc. 90 ft. over broken NE. slope.
 59.30 Ridge, bears SE. and NW.
 Desc. 476 ft. over NW. slope, to cor.
 73.10 Ravine, course SW.
 79.78 The cor. of secs. 2, 3, 10 and 11.
 Land: mountainous.
 Soil: rocky adobe, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, catclaw, cactus, greasewood,
 mesquite.

-
- N. $89^{\circ}48'$ W., on random line, bet. secs. 3 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Fall 28 lks. N. of the cor. of secs. 3, 4, 9 and 10, which
 is an iron post, 2 ins. diam., projecting 8 ins. above
 ground, firmly set, properly marked on brass cap,
 dated 1914, witnessed by a mound of stone W. of cor.
 Thence
 East, on true line, bet. secs. 3 and 10.
 Over rolling land; through scattering undergrowth.
 Desc. 20 ft. over NE. slope.
 5.90 Dry wash, 50 lks. wide, course NW.
 Asc. 73 ft. over foothills.
 25.30 Low spur, slopes NW.
 Desc. 20 ft. over NE. slope.

Survey of Part(completion) of Subdivisions of T.3 N., R.5 E.

Chains
 28.80 Dry wash, 20 lks. wide, course NW.
 Asc. 170 ft. over SW. slope.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S3
 $\frac{1}{4}$ S10
 1930

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

Asc. 100 ft. over SW. slope.

45.00 Spur, slopes SSW.
 Desc. 130 ft. over SE. slope.

52.90 Over bottom land.

57.90 Enter dry wash, 5 ft. deep, course S.

59.80 Leave same.
 Asc. 247 ft. over NW. slope.

73.00 Spur, slopes SW.
 Desc. 46 ft. over SE. slope.

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

Land: rolling.
 Soil: rocky adobe and loam, 3rd rate.
 Timber: none.
 Undergrowth: palo verde, greasewood, catclaw, cactus.

N.0°06'E., on random line, bet. secs. 2 and 3.

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

77.48 Fall 16 lks. E. of the cor. of secs. 2, 3, 34 and 35, on the N. bdy. of the Tp., which is an iron post, 3 ins. diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, dated 1914, witnessed by a mound of stone, W. of cor.

Thence
 S.0°01'E., on true line, bet. secs. 2 and 3.
 Over mountainous land; through scattering undergrowth.
 Desc. 260 ft. over general S. slope, to 35.20 chs.

9.30 Ravine, course SW.
 15.90 Same ravine, course S.
 17.30 Same ravine, course SSE.
 20.30 Same ravine, course S.
 26.80 Same ravine, course SSE.
 35.20 Same ravine, course SW.
 Asc. 15 ft.

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

$\frac{1}{4}$
 S3 | S2
 1930

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

37.50 Short spur, slopes W.
 Desc. 76 ft. over SW. slope.

43.90 Dry wash, 180 lks. wide, course SW.
 Asc. 246 ft. over N. slope.

59.20 Change of slope; along W. slope.

62.70 Short spur, slopes W.

65.60 Rocky point of spur, slopes W.
 Desc. 31 ft. over SW. slope.

Chains

- 66.50 Ravine, course S.75°W.
Asc. 70 ft. over SW. slope.
- 71.50 Spur, slopes SW.
Desc. 190 ft. over SE. slope.
- 77.48 The cor. of secs. 2,3,10 and 11.

Land: mountainous.
Soil: rocky, adobe and loam, 3rd rate.
Timber: none.
Undergrowth: greasewood, sage, catclaw, cactus, palo verde, mesquite.

GENERAL DESCRIPTION

Of NE. 9 Sections of T.3 N., R.5 E.

Land is heavy rolling or mountainous except the S. part of sec. 15 and the W. parts of secs. 10 and 3.

It is located on the S. slope of the McDowell Mts. on the N. edge of Paradise Valley, about 30 miles NE. of the town of Phoenix.

Soil, timber and undergrowth are typical of Arizona foothills of 2,000 to 3,000 ft. elevation.

There is no water, no evidence of mineral worth developing, no roads or trails now in use except a road to the homestead cabin of B.Green in the SE. 1/4 of sec. 15.

4-680
(August, 1926)

BOOK 3922

FIELD ASSISTANTS.

to

Theodore VanderMeer, U.S. Transitman

NAMES.	CAPACITY.
Sam Palmer	First Chainman
Earl Childers	Second Chainman
Walter Grayum	Flagman
Kay Gilstrom	Axman
Cal Davis	Moundsman

BOOK 3922

CERTIFICATE OF UNITED STATES SURVEYOR

I, Theodore VanderMeer, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 162, Arizona, bearing date of the 8th day of January, 1930, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision lines of

Township 3 North, Range 5 East

of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 1 hereof as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 162, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona
Date: Jan. 15, 1931.

Theodore VanderMeer
U.S. Transitman

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, July 9, 1931

The foregoing field notes of the survey of part (completion) of the subdivision lines of

Township 3 North, Range 5 East

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Theodore VanderMeer, U.S. Transitman

under his special instructions dated January 8, 1930 for Group 162-Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U.S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in Township 3 North, Range 5 East, has been correctly copied from the original notes on file in this office.

U.S. Supervisor of Surveys