

# FIELD NOTES

OF THE SURVEY OF THE

Subdivisional Lines of T. 14 N., R. 2 $\frac{1}{2}$  E.,

4074

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Theodore Vander Meer,

U. S. Transitman.

4074

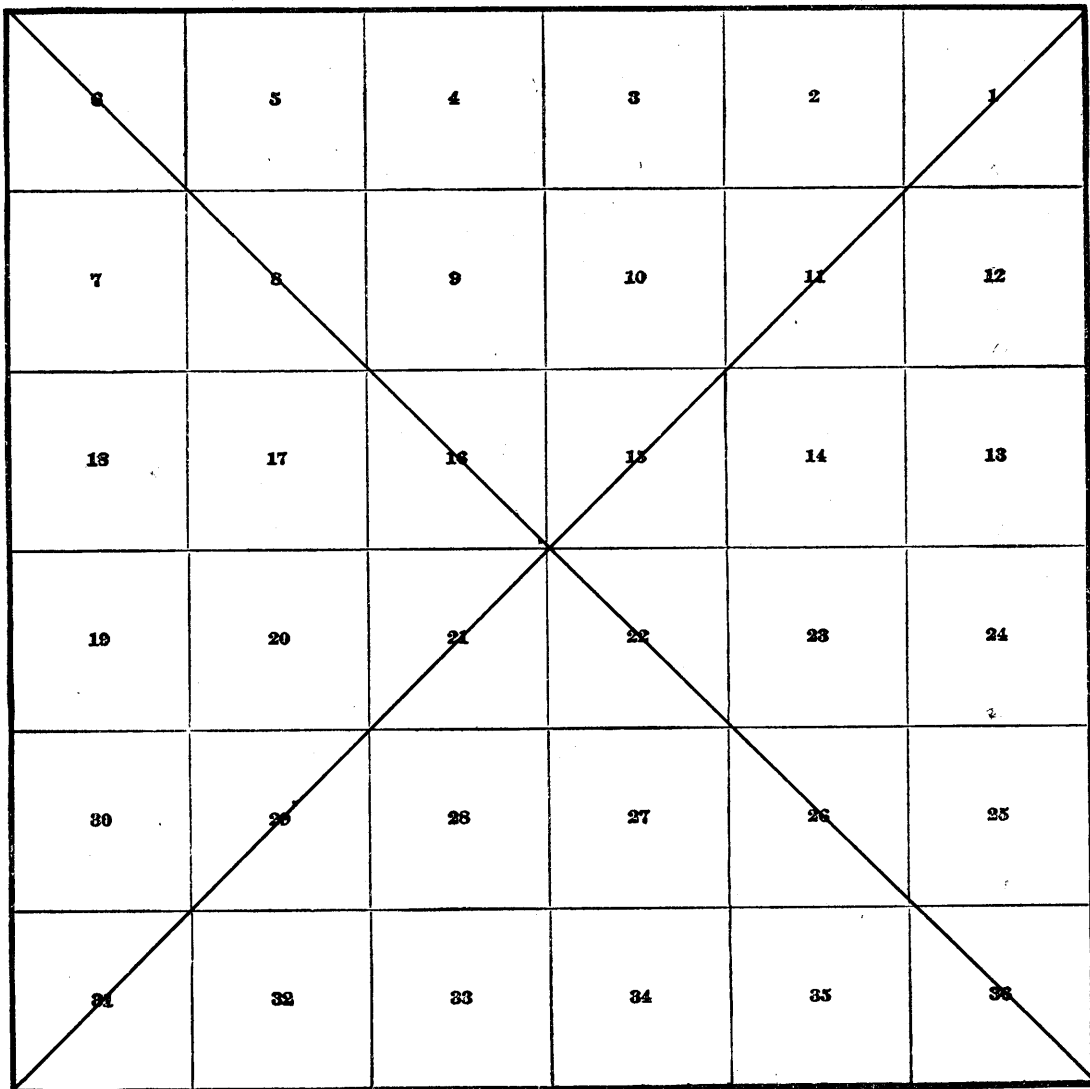
Under special instructions dated July 20, 1933, which provided for the surveys included under Group No. 184, bearing the approval of the Commissioner of the General Land Office under date of Sept. 5, 1933, and assignment instructions dated August 1, 1933, Sept. 30, 1933, and June 15, 1935.

Survey commenced November 15, 1933.

Survey completed June 25, 1935.

# INDEX DIAGRAM.

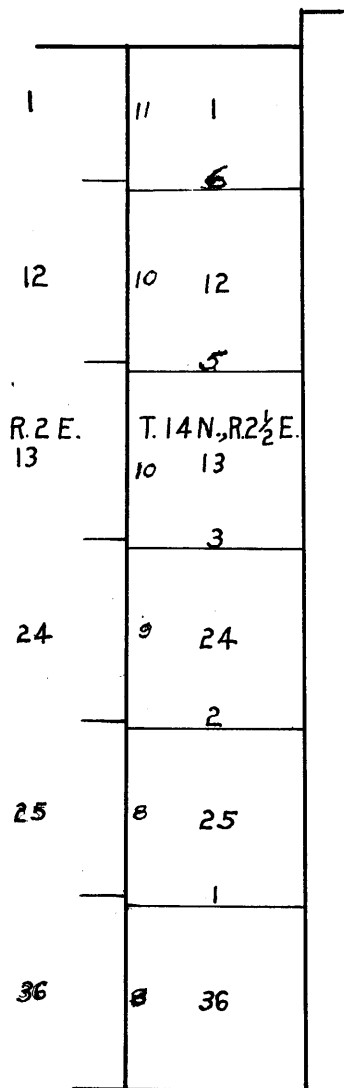
Township \_\_\_\_\_, Range \_\_\_\_\_



BOOK 4074

INDEX DIAGRAM

Township 14 N., Range 2 $\frac{1}{2}$  E.



Chains

The subdivisional survey of this township was executed with a light mountain transit made by Buff and Buff co., Serial No. 9977, and commenced on Nov. 15, 1933. For the description of instrument, determination of meridian and test of solar attachment on Aug. 4th. and 5th., 1933, see the field notes of the survey and resurvey of the exteriors of Ts.14 N., Rs.2½ and 3 E., and T.14½ N., R.3 E.

The survey was continued on June 19, 1935, the instrument being approved on June 15, by the district cadastral engineer, conditional upon satisfactory field tests.

June 19: on the same meridian established on Aug.4, 1933 near the center of sec. 19, T.14 N., R.3 E., at 5h 00m p.m. app.t., I set off 34°35' N. on the latitude arc, 23°27' N. on the declination arc and determine a meridian with the solar, which falls within one minute of the true meridian. June 20: with the settings on the arcs unchanged, I again determine a meridian with the solar which also agrees with in one minute with the meridian established from Polaris observation. From these tests, I assume the adjustments of the instrument are satisfactory.

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp., described in the field notes of the survey thereof, under this group,  
West, on a true line bet. secs. 25 and 36.  
Asc. NE. slope 45 ft. through dense brush.

- 7.00 Draw, course N.70°E.; asc. E. slope 245 ft.
  - 27.75 Spur, slopes S.; desc. W. slope 140 ft.
  - 33.70 Head of draw, course SW.; asc. SE. slope 40 ft.
  - 37.50 Spur, slopes SW.; desc. SW. slope 60 ft.
  - 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for ¼ sec. cor. with brass cap marked
- |   |   |    |      |
|---|---|----|------|
| ¼ | S | 25 |      |
|   | S | 36 |      |
|   |   |    | 1933 |

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

Desc. W. slope 45 ft.

  - 43.00 Gulch, course S.20°W.; asc. SE. slope 20 ft.
  - 46.70 Short flat spur, slopes S.; desc. SW. slope 20 ft.
  - 50.20 Gulch, course SE.; asc. E. slope 105 ft.
  - 57.00 Long spur, slopes S. ; desc. W. slope 220 ft.
  - 70.00 Wide shallow wash, course S.; asc. E. slope, 240 ft.
  - 77.50 Drain, course SE.
  - 83.16 Intersect the E. bdy. of T.14 N., R.2 E.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top, for closing cor. of secs. 25 and 36, with brass cap marked

T14N	
R2E	R2½E
S 36	S 25 CC
	S 36
	1933

Chains From the point of intersection, the cor. of secs. 25, 30, 31 and 36, bears North, 87 lks. dist.; an iron post, 2 ins. diam., 14 ins. above ground, firmly set, with brass cap marked

T14N	
R2E	R3E
S25	S30
S36	S31
1923	

with a mound of stone, 3 ft. base, 2 ft. high W. of corner.

As this cor. now refers to secs. 25 and 36 only, of R.2 E. the markings on the brass cap are changed to read as follows:

T14N	
R2E	R2½E
S25	S25
S36	
1933	
1923	

Land, mountainous.  
Soil, adobe, 3rd. rate.  
Timber, oak, juniper and pinyon.  
Undergrowth, scrub oak, manzanita, cats claw and bluebrush.

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From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the township, described in the field notes of the W. bdy. of T.14 N., R.3 E., surveyed under this group,

West, on a true line bet. secs. 24 and 25.

Asc. E. slope 50 ft. through dense brush.

- 4.30 Divide ridge, bears SE. and N.80°W.; continue ascent 95 ft.
- 13.80 Wire fence, bears SE. and NW.
- 19.00 Same divide, bears NE. and SW.
- 21.60 Head of draw, course NE.
- 29.00 Same divide, bears NW. and SE.
- 32.00 Head of draw, course SE.; asc. SE. slope 125 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor. with brass cap marked

¼	S 24
	S 25
1933	

raise a mound of stone, 2 ft. base, 1½ ft. high N. of cor.

- 40.20 Short spur, slopes S.; desc. 20 ft. over S. slope.
- 53.80 Head of draw, course S.; asc. SE. slope 50 ft.
- 58.50 Ridge, bears S.30°W. and N.30°E.; desc. W. slope 150 ft.
- 83.38 Intersect the E. bdy. of T.14 N., R.2 E.

Subdivision of T. 14 N., R. 2 $\frac{1}{2}$  E.

Doc. No. 4074

Chains

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

T14N	
R2E	R2 $\frac{1}{2}$ E
S25	S 24
	S 25
1933	

from which

A juniper 10 ins. diam. bears S.73°E., 38 lks. dist. mkd. T 14 N R 2 $\frac{1}{2}$  E S 25 B T.

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, E. of corner.

From point of intersection,

The cor. of secs. 19, 24, 25 and 30, on the E. bdy. of T.14 N., R.2 E., bears North, 1.17 chs. dist.; an iron post, 2 ins. diam., 6 ins. above the top of a mound of stone, with brass cap mkd.

T14N	
R2E	R3E
S24	S19
S25	S30
1923	

from which

A juniper, 10 ins. diam., bears N.61°50'E., 188 lks. dist., mkd. T 14 N R 3 E S 19 B T. The markings on this tree are destroyed.

A juniper, 10 ins. diam., bears S.15°00'E., 135 lks. dist., mkd. T 14 N R 3 E S 30 B T. The markings on this tree are destroyed.

A juniper, 10 ins. diam., bears S.52°45'W., 238 lks. dist., mkd. T 14 N R 2 E S 25 B T.

A mound of stone 3 ft. base, 2 ft. high, bears W. from cor.

As this corner now refers to secs. 24 and 25, only, of R.2E., the markings on the brass cap are changed to read as follows;

T14N	
R2E	R2 $\frac{1}{2}$ E
S24	S24
S25	
1933	
1923	

Land, mountainous.

Soil, adobe, 3rd rate.

Timber, oak, juniper, pinon; undergrowth, scrub oak, cat-claw, manzanita, blue brush.

From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the township, described in the field notes of the W. bdy. of T.14N., R. 3 E., surveyed under this group.

West, on a true line bet. secs. 13 and 24

Along S. slope, descend 115 ft., through scattering brush.

## Chains

10.00 Corner of fence bears N., 50 lks. dist.; fences bear SE. and S. 60° W.

16.50 Head of gulch, course SE.; ascend SE. slope 195 ft.

40.00 Top of flat spur, slopes S.

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

$\frac{1}{4}$  S 13  
S 24  
1933

Descend SW. and S. slope 110 ft.

45.90 Wire fence, bears N. and S.

49.50 Short spur, slopes S. 60° W.; descend W. slope 80 ft.

52.70 Head of draw, course S. 70° W.; descend along N. side of draw 120 ft.

60.70 Same draw, course NW.

65.90 Same draw, course SW.

67.00 Gulch, course SW., ascend SE. slope 170 ft.

83.42 Intersect the E. bdy. of T. 14 N., R. 2 E.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, in a mound of stone to top, for closing cor. of secs. 13 and 24, with brass cap mkd.

T14N  
S 13  
R2E — CC  
S 24  
R2 $\frac{1}{2}$ E  
1933

From point of intersection,

The cor. of secs. 13, 18, 19 and 24, on the E. bdy. of T. 14 N., R. 2 E., bears North, 79 lks. dist., an iron post, 2 ins. diam., 12 ins. above top of a mound of stone, with brass cap mkd.

T14N  
R2E R3E  
S13 | S18  
S24 | S19  
1923

with a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

As this corner now refers secs. 13 and 24, only, of R. 2 E., the markings on the brass cap are changed to read as follows:

## Subdivision of T.14 N., R. 2½ E.

Chains

T14N  
 R2E | R2½E  
 S13 | S 13  
 S24 |  
 1933  
 1923

Land, mountainous.

Soil, adobe, 3rd rate.

Timber, oak, juniper, pinon; undergrowth, scrub oak, cat-claw, manzanita, blue brush.

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From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the township, described in the field notes of the W. bdy. of T.14 N., R. 3 E., surveyed under this group.

West, on a true line bet. secs. 12 and 13.

Along NE. slope, ascend 35 ft., through timber.

- 2.80 Drain, course NE.
- 6.00 Wash, 10 lks. wide, course NE.
- 9.30 Top of ascent; over S. slope.
- 11.40 Enter drain, course SE.; up drain.
- 13.50 Leave drain, course from NW.; ascend NE. slope 50 ft.
- 18.20 Leave timber; through dense brush.
- 31.30 Short spur, slopes N.; descend NW. slope 40 ft.
- 35.40 Drain, course NE.; asc. E. slope 135 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, for the ¼ sec. cor. with brass cap mkd.

¼ S 12  
 S 13  
 1933

raise a mound  
 of stone, 2 ft. base, 1½ ft. high, N. of cor.

- 41.20 Ridge, bears N. and S., descend W. slope 305 ft.
- 56.20 Gulch, course NW.; over N. slope.
- 64.80 Wire fence, bears SE. and NW.
- 83.55 Intersect the E. bdy. of T.14 N., R. 2 E.
- Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for the closing cor. of secs. 12 and 13, with brass cap mkd.

T14N  
 R2E | R2½E  
 S13 | S 12  
 S 13  
 1933

An alligator juniper, 16 ins. diam., bears N. 51¾° E. 140 lks. dist. mkd. T 14 N R 2½ E S 12 C C B T.

An alligator juniper, 22 ins. diam., bears S. 54½° E. 199 lks. dist. mkd. T 14 N R 2½ E S 13 C C B T.



Subdivision of T.14 N., R.2 $\frac{1}{2}$  E.

Chanis

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

From the point of intersection,

The cor. of secs. 7, 12, 13 and 18, on the E. bdy of T.14 N., R.2 E., bears North, 1.24 chs. dist.; an iron post, 2 ins. diam., 3 ins. above a mound of stone, with brass cap mkd.

T14N	
S2E	R3E
S12	S 7
S13	S18
1923	

from which

An oak, 4 ins. diam., bears N.10°45'W., 157 lks. dist. mkd. B T.

An oak, 10 ins. diam., bears S.10°45'W., 157 lks. dist. mkd. T 14 N R 2 E S 12 B T.

An oak, 14 ins. diam., bears N.30°00'E., 113 lks. dist. mkd. T 14 N R 3 E S 7 B T. The markings on this tree are destroyed.

A juniper 14 ins. diam., bears S.75°15'W., 74 lks. dist., mkd. T 14 N R 3 E S 18 B T. The markings on this tree are destroyed.

As this corner now refers to secs. 12 and 13, only, of R.2 E., the markings on the brass cap are changed to read as follows:

T14N	
R2E	R2 $\frac{1}{2}$ E
S12	S 12
S13	
1933	
1923	

Land, mountainous.

Soil, adobe, 3rd rate.

Timber, oak, juniper, pinon; undergrowth, scrub oak, cat-claw, manzanita, blue brush.

From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the township, described in the field notes of the W. bdy. of T.14 N., R.3 E., surveyed under this group.

West, on a true line bet. secs. 1 and 12.

Ascend SE. slope 90 ft.

3.64 Spur, slopes S.; descend W. slope 100 ft.

6.24 Wire fence, bears N.80°W. and S.80°E.

32.90 Wash, course S.30°W.; ascend SE. slope 150 ft.

33.90 Wire fence, bears N. and S.

34.00 Drain, course S.

37.90 Small spur, slopes NE.; along N. slope.

40.00- Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for the  $\frac{1}{4}$  sec. cor., with brass cap mkd.

Subdivision of T.14 N., R.2 $\frac{1}{2}$  E.

Chains

$$\frac{1}{4} \begin{array}{c} \text{S 1} \\ \hline \text{S 12} \\ 1933 \end{array}$$

from which

A black oak, 8 ins. diam., bears N.18°W., 54 lks. dist.  
marked  $\frac{1}{4}$  S 1 B T

A juniper, 8 ins. diam., bears S.16°W., 92 lks. dist.  
marked  $\frac{1}{4}$  S 12 B T

- 46.40 Short spur, slopes SE.; along S. slope.  
51.70 Ridge, bears SW. and N.80°E.; desc. NW. slope 180 ft.  
60.50 Short gulch, course N.20°W.; over N. slope.  
64.20 Short spur, slopes N.20°W.; desc. NW. slope 220 ft.  
74.70 Ash Creek Canyon, course S.; Asc. SE. slope 190 ft.  
82.60 Spur, slopes NE.  
83.44 Intersect the E. bdy. of T.14 N., R.2 E.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock and in a mound of stone to top, for the closing cor. of secs. 1 and 12, with brass cap mkd.

$$\begin{array}{c} \text{T14N} \\ \text{R2E} \left| \begin{array}{c} \text{S 1} \\ \hline \text{S12} \\ \text{R2}\frac{1}{2}\text{E} \end{array} \right. \text{CC} \\ 1933 \end{array}$$

from which,

A juniper, 30 ins. diam., bears N.27°E., 33 lks. dist.  
marked T 14 N R 2 $\frac{1}{2}$  E S 1 C C B T

A juniper, 15 ins. diam., bears S.27°E., 81 lks. dist.  
marked T 14 N R 2 $\frac{1}{2}$  E S 12 C C B T

From the point of intersection,

The cor. of secs. 1, 6, 7, and 12, on the E. bdy. of T. 14 N., R.2 E., bears North, 1.40 chs. dist.; an iron post, 2 ins. diam., 12 ins. above ground, with brass cap marked

$$\begin{array}{c} \text{T14N} \\ \text{R2E} \left| \begin{array}{c} \text{R3E} \\ \hline \text{S 1} \\ \text{S 6} \end{array} \right. \\ \text{S12} \left| \begin{array}{c} \text{S 7} \\ \hline 1923 \end{array} \right. \end{array}$$

from which

A juniper, 10 ins. diam., bears N.86 $\frac{1}{2}$ °W., 80 lks. dist.  
marked T 14 N R 2 E S 1 B T

A juniper, 8 ins. diam., bears S.49 $\frac{1}{2}$ °W., 93 lks. dist.  
marked T 14 N R 2 E S 12 B T

A juniper, 38 ins. diam., bears S.62°E., 111 lks. dist.  
marked T 14 N R 3 E S 7 B T

I obliterate the markings on the SE. bearing tree.

The cor. is also witnessed by a mound of stone, 3 ft. base, 2 ft. high on W. side.

## Chains

As this corner now refers to secs. 1 and 12 only, of R.2 E., the markings on the brass cap are changed to read as follows:

$$\begin{array}{r} \text{T14N} \\ \text{R2E R2}\frac{1}{2}\text{E} \\ \text{S 1} \quad | \quad \text{S 1} \\ \hline \text{S12} \quad | \\ 1933 \\ 1923 \end{array}$$

Land, mountainous.  
Soil, adobe, 3rd. rate.  
Timber, oak, juniper, pinyon,  
Undergrowth, scrub oak, cats claw, manzanita, blue brush.

The  $\frac{1}{4}$  sec. cor. of secs. 31 and 36 on the E. bdy. of T. 14 N., R.2 E., is an iron post, 1 in. diam., 10 ins. above ground, firmly set, with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ \text{S 36} \quad | \quad \text{S 31} \\ 1923 \end{array}$$

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

As this  $\frac{1}{4}$  sec. cor. now refers to sec. 36 only, of R.2 E., the markings on brass cap are changed to read as follows:

$$\begin{array}{r} \frac{1}{4} \text{ S 36} \\ 1935 \\ 1923 \end{array}$$

On the W. bdy. of sec. 36, T.14 N., R.2 $\frac{1}{2}$  E., 40.00 chs. in latitude from the closing cor. of secs. 25 and 36,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for  $\frac{1}{4}$  sec. cor. of sec. 36 only of R.2 $\frac{1}{2}$  E., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ | \text{S 36} \\ 1935 \end{array}$$

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

From this cor., the  $\frac{1}{4}$  sec. cor. of sec. 36, R.2 E., bears North, 87 lks. dist.

The  $\frac{1}{4}$  sec. cor. of secs. 25 and 30 on the E. bdy. of T. 14 N., R.2 E., is an iron post, 1 in. diam., 10 ins. above ground, firmly set, with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ \text{S 25} \quad | \quad \text{S 30} \\ 1923 \end{array}$$

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

As this  $\frac{1}{4}$  sec. cor. now refers to sec. 25 only of R.2 E., the markings on brass cap are changed to read as follows:

W. Bdy. of T.14 N., R.2 $\frac{1}{2}$  E.

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

1935  
1923

At the mid-point of the W. bdy. of sec. 25, T.14 N., R. 2 $\frac{1}{2}$  E.,  
Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, with a stone 8 x 8 x 4 ins. marked X, deposited at the base, and in a mound of stone to top for  $\frac{1}{4}$  sec. cor. of sec. 25 of R.2 $\frac{1}{2}$  E. only, with brass cap marked

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

1935

From this cor., the  $\frac{1}{4}$  sec. cor. of sec. 25 of R.2 E., bears North, 1.02 chs. dist.

The  $\frac{1}{4}$  sec. cor. of secs. 19 and 24 on the E. bdy. of T. 14 N., R.2 E., is an iron post, 1 in. diam., 10 ins. above ground, with brass cap marked

$\frac{1}{4}$   
S 24 | S 19

1923

witnessed by a mound of stone, 3 ft. base, 2 ft. high W. of cor. and

A juniper, 6 ins. diam., N.23°40'E., 52 lks. dist. marked  $\frac{1}{4}$  S 19 B T

I obliterate the section number from this tree.

As this  $\frac{1}{4}$  sec. cor. now refers to sec. 24 of R.2 E. only, the markings on brass cap are changed to read as follows:

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

1935  
1923

At the mid-point of the W. bdy. of sec. 24, T.14 N., R.2 $\frac{1}{2}$ E.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top for  $\frac{1}{4}$  sec. cor. of sec. 24, R.2 $\frac{1}{2}$  E. only, with brass cap marked

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

1935

from which

A juniper, 6 ins. diam., bears N.8 $\frac{1}{2}$ °E., 147 lks. dist. marked  $\frac{1}{4}$  S 24 B T  
(The old bearing tree remarked)

From this cor., the  $\frac{1}{4}$  sec. cor. of sec. 24 of R.2 E., bears North, 98 lks. dist.

W. bdy. of T.14 N., R.2½ E.

The ¼ sec. cor. of secs. 13 and 18 on the E. bdy. of T. 14 N., R.2 E., is an iron post, 1 in. diam., 10 ins. above ground, firmly set, with brass cap marked

¼  
S 13 | S 18  
1923

from which

- A juniper, 4 ins. diam., bears N.57°E., 99 lks. dist. marked B T
- A juniper, 32 ins. diam., bears S.45½°W., 78 lks. dist. marked ¼ S 13 B T

As this ¼ sec. cor. now refers to sec. 13 of R.2 E. only, the markings on brass cap are changed to read as follows:

¼ S 13 |  
1935  
1923

At the mid-point of the W. bdy. of sec. 13, T.14 N., R.2½ E.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor. of sec. 13 of R.2½ E. only, with brass cap marked

¼ S 13 |  
1935

from which,

- A juniper, 4 ins. diam., bears N.28½°E., 175 lks. dist. marked B T (Same tree described above)
- A juniper, 4 ins. diam., bears S.15¾°E., 137 lks. dist. marked ¼ S 13 B T

From this cor., the ¼ sec. cor. of sec. 13, R.2 E., bears North, 1.01 chs. dist.

The ¼ sec. cor. of secs. 7 and 12 on the E. bdy. of T.14 N., R.2 E., is an iron post, 1 in. diam., 10 ins. above ground, firmly set, with brass cap marked

¼  
S12 | S7  
1923

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

As this ¼ sec. cor. now refers to sec. 12 of R.2 E. only, the markings on brass cap are changed to read as follows:

¼ S12 |  
1935  
1923

At the mid-point of the W. bdy. of sec. 12, T.14 N., R.2½ E.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, with a stone marked X, deposited at

W. Bdy. of T.14 N., R.2 $\frac{1}{2}$  E.

Chains

base of post, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 12, R.2 $\frac{1}{2}$  E. only, with brass cap marked

$\frac{1}{4}$  S 12

1935

From this cor., the  $\frac{1}{4}$  sec. cor. of sec. 12, R.2 E., bears North, 1.32 chs. dist.

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The  $\frac{1}{4}$  sec. cor. of secs. 1 and 6 on the E. bdy. of T.14 N. R.2 E., is an iron post, 1 in. diam., 24 ins. above ground and in a mound of stone, with brass cap marked

$\frac{1}{4}$

S 1 | S 6.

1923

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

As this  $\frac{1}{4}$  sec. cor. now refers to sec. 1 of R.2 E. only, the markings on brass cap are changed to read as follows:

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

1935

1923

At a point on the W. bdy. of sec. 1, R.2 $\frac{1}{2}$  E., 40.00 chs. in latitude from the closing cor. of secs. 1 and 12,

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. of sec. 1, R.2 $\frac{1}{2}$  E. only, with brass cap marked

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

1935

From this cor., the  $\frac{1}{4}$  sec. cor. of sec. 1, R.2 E., bears North, 1.40 chs. dist.

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The NE. cor. of T.14 N., R.2 E., established by Ty White in 1923, is an iron post, 3 ins. diam., 10 ins. above ground, firmly set, and brass cap marked

T14N  
R2E  
S 1

1923

with a mound of stone 3 ft. base, 2 ft. high SW. of cor.

As this cor. now refers to T.14 N., R.2 $\frac{1}{2}$  E. also, I alter the marks on brass cap to read as follows:

## Chains

S 1	S 1
R2E	R2 $\frac{1}{2}$ E
T14N	T14N

1935

1923

Rebuild the mound of stone, 3 ft. base, 2 ft. high S. of cor.

This cor. now refers to T.14 N., R.2 and 2 $\frac{1}{2}$  E. only.

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Final Test of Solar

For final test of solar for the portion of this survey made in 1933, see the initial test in the field notes of T.18 N., R.6 W., surveyed under this group.

June 25, 1935: On the meridian established Aug. 4, 1933, near the center of sec. 19, T.14 N., R.3 E., as described in the field notes of the boundaries of T.14 N., R.3 E., and other townships, surveyed under this group,

At 8h00m a.m., app.t., I set off 34°35' N. on the latitude arc, 23°25' N. on the declination arc and determine a meridian with the solar, which falls within one minute of the true meridian.

At 4h00m p.m., app.t., with the settings on the arcs unchanged, I again determine a meridian with the solar, which also agrees within one minute of the meridian established from observation on Polaris.

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General Description

The land in this township is mountainous in character, the soil being mostly adobe, 3rd. rate. There is no running water in the township. The timber consists of oak Juniper and pinyon in scattering groves, and is not of much commercial value. The undergrowth is scrub oak, manzanita, cats claw and blue brush

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4-680  
(August, 1926)

FIELD ASSISTANTS.

1074

NAMES.	CAPACITY.
Ben Mollette	First Chainman
Glen Greenshaw	First Chainman
Claude A. Mulkey	Second Chainman
Ernest Cooley	Second Chainman
Robert R. Riesgo	Moundsman
Joseph T. Bell	Flagman
Shamus O'Brien	Axman
Raymond S. Davis	Axman



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BOOK 4074

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Theodore Vander Meer, Transitman, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 20th day of July, 1933, 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 Subdivisional Lines of

Township 14 North, Range 2 1/2 East

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by 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 Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

*June 26, 1935  
Phoenix, Ariz.*

*Theodore Vander Meer*  
U.S. Transitman U.S. Surveyor.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, July 20, 1935.

The foregoing field notes of the survey of the subdivisional lines of

Township 14 North, Range 2 1/2 East

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

executed by Theodore Vander Meer, U.S. Transitman

under his special instructions dated July 20, 1933, 19  , 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 \_\_\_\_\_, has been correctly copied from the original notes on file in this office.~~

U. S. Supervisor of Surveys.