

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4196

FIELD NOTES

4196

of the

Survey of the

East and West Boundaries

and

Subdivision Lines

of

Fractional Township No. 12½ North, Range No. 4 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

H. M. Muscott, Surveyor

4196

supplemental
Under special instructions dated July 9, 1938, which provided
for the surveys included under Group No 223 Arizona, bearing the approval of the
Commissioner of the General Land Office under date of August 10, 1938
and assignment instructions dated July 9, 1938

Survey commenced August 2, 1938

Survey completed August 5, 1938

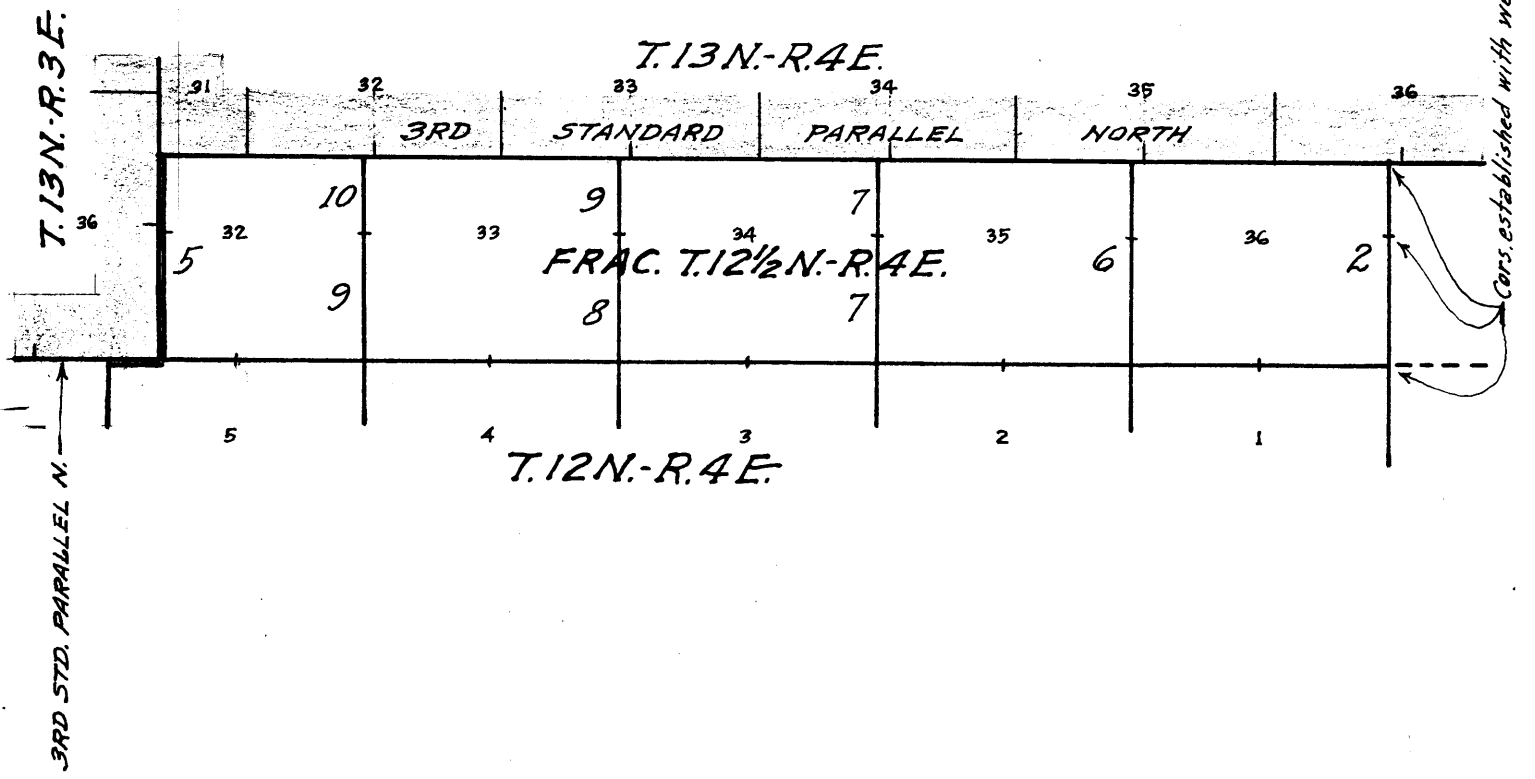
INDEX DIAGRAM.

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

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~INDEX DIAGRAM~

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- Lines of accepted surveys.
- - - - - Unsurveyed lines.
- Lines surveyed under this group.
- Surveyed under this group along accepted surveyed lines.
- Areas surveyed as per accepted plats on file.

The surveys herein described were executed by Horace M. Muscott, Surveyor, using Buff and Buff transit No. 16723. 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 California and Arizona 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 of the measurements herein recorded were made with a Dietzgen steel tape, 5 chs. in length, graduated every link for the first 100 links, and the remainder at intervals of 10 links. The tape was tested by comparison with a Lufkin standard tape and found correct. All of the measurements were made on the slope, the vertical angle of each interval determined with a clinometer in good adjustment, and the horizontal equivalents entered in the field notes.

PRELIMINARY FIELD TESTS OF INSTRUMENT.

August 1, 1938; at camp in the NE $\frac{1}{4}$ of sec. 7, T. 11 N., R. 4 E., Gila and Salt River Meridian, Arizona, in latitude 34°20'50" N., and longitude 111°58'12" W., using the meridian determined at this station on July 21, 1938, by Polaris observation as described in the field notes of survey of T. 12 N., R. 4 E., test the solar apparatus of Buff and Buff transit No. 16723 as follows:

At 8h. 00m., a.m., app.t., set off 34°21'N. on the latitude arc; 18°06'N. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

At 4h. 00m., p.m., app.t., with the latitude arc unchanged; set off 18°14 $\frac{1}{2}$ 'N. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

The above described tests demonstrate that this instrument is in satisfactory adjustment on this date, prior to beginning the surveys herein described:

Survey: East boundary: Frac. T. 12 $\frac{1}{2}$ N., R. 4 E.

2.

Chains

From the cor. of Ts. 12 and 12 $\frac{1}{2}$ N., R. 4 E., established under this group as described in field notes of survey of East bdy. of T. 12 N., R. 4 E.

North, on East bdy. of sec. 36.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 339 ft. over SW. and W. slopes.

23.27 Spur, slopes SE. from NE.; desc. gradually over W. slope.

39.00 Asc. slightly over W. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap marked

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

1938

from which

A juniper, 8 ins. diam., bears N. 37 $\frac{1}{2}$ ° W., 206 lks. dist., marked $\frac{1}{4}$ S36 BT.

A pinyon, 5 ins. diam., bears S. 87 $\frac{1}{2}$ ° W., 86 lks. dist., marked $\frac{1}{4}$ S36 BT.

Asc. 439 ft. over W. slope to

61.89 Intersect the 3rd Standard Parallel North. Set an iron post, 3 ft. long, 3 ins. in diam., on exposed bedrock, and in a mound of stone to top, for closing cor. of Frac. T. 12 $\frac{1}{2}$ N., R. 4 E. only (NE. cor.) with brass cap marked

T13N R4E
S36
T12 $\frac{1}{2}$ N
R4E
S36
CC

1938

from which

A juniper, 8 ins. diam., bears S. 62 $\frac{1}{2}$ ° W., 196 lks. dist., marked T12 $\frac{1}{2}$ N R4E S36 CC BT.

A pinyon, 10 ins. diam., bears S. 24 $\frac{1}{2}$ ° W., 267 lks. dist., marked T12 $\frac{1}{2}$ N R4E S36 CC BT.

From point of intersection the std. $\frac{1}{4}$ sec. cor. of sec. 36, T. 13 N., R. 4 E., reestablished in 1928, bears East 3.59 chs. dist., which is an iron post, 1 in. in diam., projecting 24 ins. above ground, firmly set in ground and mound of stone and marked on brass cap as described in the official record.

From same point the std. cor. of secs. 35 and 36, T. 13 N., R. 4 E., reestablished in 1928, bears West 36.41 chs. dist., which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.

Land, mountainous.
Soil, rocky, 4th rate.

Survey: East boundary: Frac. T. 12 $\frac{1}{2}$ N., R. 4 E.

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3.

Chains

Timber, juniper and pinyon.
Undergrowth, oakbrush.

Survey: West boundary: Frac. T. 12½ N., R. 4 E.

4.

Chains

The West boundary of Frac. T. 12½ N., R. 4 E. is identical in position with that portion of East boundary of T. 13 N., R. 3 E., situate between the std. SE. cor. of that Tp. and the std. SW. cor. of T. 13 N., R. 4 E., both of which Tp. cors. were reestablished in 1928. This range line was surveyed in 1874 by C.B. Foster, U.S.D.S., establishing all corner monuments with common reference to areas in Ts. 13 N., Rs. 3 and 4 E.

In 1928, B.J. Kinsey, U.S. Surveyor, and L. R. Hanson, U.S. Transitman, executed a dependent resurvey of T. 13 N., R. 3 E., and a survey of completion of T. 13 N., R. 4 E., including an independent resurvey of the 3rd Std. Par. N., thru R. 4 E. The said resurvey of the Std. Parallel closed the same on the E. bdy. of T. 13 N., R. 3 E. approximately ¾ of a mile northerly from the SE. cor. of that Tp., thereby creating the area which has been surveyed under this group as Frac. T. 12½ N., R. 4 E.; the South bdy. of said fractional Tp. being in the same position, approximately, as the original position of the 3rd Std. Par. N. in R. 4 E.

In the 1928 resurvey of E. bdy. of T. 13 N., R. 3 E., the original cor. monuments were reconstructed at their original points and missing cors. reestablished at proportional intervals between existing original cors. and both reconstructed and reestablished cors. were marked and witnessed to refer to areas in T. 13 N., R. 3 E. only. In the resurvey of the W. bdy. of T. 13 N., R. 4 E., executed in same year, cors. referring to areas in that Tp. only were reestablished on the E. bdy. of T. 13 N., R. 3 E. at intervals of 40 chs. in latitude, counting from the reestablished std. SW. cor. of T. 13 N., R. 4 E.

No other retracement or resurvey of any portion of the E. bdy. of T. 13 N., R. 3 E. is of record.

The following notes describe a survey of the West boundary of Frac. T. 12½ N., R. 4 E., accomplished by establishing the W. ¼ sec. cor. of sec. 32 of said Tp. on the E. bdy. of sec. 36, T. 13 N., R. 3 E. at a point 40 chs. northerly from the std. SE. cor. of that Tp., and by additionally marking and witnessing the said std. Tp. cor. to also refer to Frac. T. 12½ N., R. 4 E. (SW. cor.).

Retracement for Survey.

From std. SE. cor. of T. 13 N., R. 3 E., and cor. of Frac. T. 12½ N., R. 4 E. (SW. cor.)

N. 0° 31' W., on random line, bet. secs. 32 and 36.

40.00 Set temp. ¼ sec. cor. of sec. 32, Frac. T. 12½ N., R. 4 E.

41.85 Intersect the witness cor. to reestablished ¼ sec. cor. of sec. 36 (of record as 41 lks. N. 0° 31' W. from true point). Continue line and measurement.

62.55 Intersect the reestablished std. SW. cor. of T. 13 N., R. 4 E.

True course and dist. of W. bdy. of sec. 32 are therefore, N. 0° 31' W., 62.55 chs., which agrees with the official record of this portion of the E. bdy. of sec. 36.

Survey: West boundary: Frac. T. 12 $\frac{1}{2}$ N., R. 4 E.

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5.

Chains

Survey.

The reestablished std. SE. cor. of T. 13 N., R. 3 E. was additionally marked and witnessed to also refer to Frac. T. 12 $\frac{1}{2}$ N., R. 4 E. (SW. cor.) as described in the field notes of survey of part (completion) of North bdy. of T. 12 N., R. 4 E., executed under this group.

Thence

N. 0° 31' W., on true line, on W. bdy. of sec. 32.

(For topography on this line see official record of resurvey of E. bdy. of T. 13 N., R. 3 E.).

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 32 only, with brass cap marked

| $\frac{1}{4}$ S32

1938

from which

A juniper, 12 ins. diam., bears N. 34 $\frac{3}{4}$ ° E., 527 lks. dist., marked $\frac{1}{4}$ S32 BT.

A juniper, 18 ins. diam., bears S. 8 $\frac{1}{2}$ ° E., 169 lks. dist., marked $\frac{1}{4}$ S32 BT.

41.44 True point for $\frac{1}{4}$ sec. cor. of sec. 36 only, in wash 40 lks. wide, course SW.

41.85 Intersect the witness cor. to reestablished $\frac{1}{4}$ sec. cor. of sec. 36 only, which is an iron post, 1 in. in diam., projecting 26 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed as described in the official record.

62.55 Intersect the reestablished std. SW. cor. of T. 13 N., R. 4 E., which is an iron post, 3 ins. in diam., projecting 21 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed as described in the official record.
Make no change in the marking or accessories of this cor. monument.

Land, mountainous.

Soil, rocky, 3rd and 4th rates.

Timber, juniper.

Undergrowth, oakbrush and catclaw.

6.

Chains

Commence the subdivisional survey of Frac. T. 12½ N., R. 4 E. at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of the Tp. established under this group as described in field notes of survey of N. bdy. of T. 12 N., R. 4 E.

Thence

N. 0° 01' W., bet. secs. 35 and 36.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 35 ft. over SE. slope.

2:70 Spur, slopes SW.; desc. 53 ft. over NW. slope.

10.83 Wash, 5 lks. wide, course SW. in bottom of Arnold Canyon; asc. 247 ft. over SE. slope.

30.52 Spur, slopes E.; an earthen stock tank, bears N. 70° E.; desc. 91 ft. over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on exposed bedrock, and in a mound of stone to top, for ¼ sec. cor. with brass cap marked

¼
S35 | S36

1938

from which

A juniper fork, 8 ins. diam., bears N. 39¼° E., 51 lks. dist., marked ¼ S36 BT.

A juniper, 8 ins. diam., bears S. 75¼° W., 74 lks. dist., marked ¼ S35 BT.

Thence over gently rolling land; asc. gradually over S. slope:

45.00 Low ridge, bears NE. and SW.; a saddle in same bears SW. about 5 chs. dist.; desc. gradually over NW. slope.

50.00 Draw, course SW.; reenter mountainous land; asc. 191 ft. over SE. slope to

62.07 Intersect the 3rd Standard Parallel North.
Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 35 and 36, with brass cap marked

T13N R4E
S35
S35 | S36
T12½N R4E
C C

1938

from which

A juniper, 5 ins. diam., bears S. 24¼° E., 47 lks. dist., marked T12½N R4E S36 CC BT.

A juniper, 8 ins. diam., bears S. 38¼° W., 59 lks. dist., marked T12½N R4E S35 CC BT.

Survey: Subdivision: Frac. T. 12½ N., R. 4 E.

ECON 419

7.

Chains

An earthen stock tank, bears S. 19° E.

From point of intersection the std. $\frac{1}{4}$ sec. cor. of sec. 35, T. 13 N., R. 4 E., reestablished in 1928, bears East 3.32 chs. dist., which is an iron post, 1 in. in diam., projecting 22 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed as described in the official record.

From same point the std. cor. of secs. 34 and 35, T. 13 N., R. 4 E. reestablished in 1928, bears West 36.68 chs. dist., which is an iron post, 2 ins. in diam., projecting 26 ins. above ground firmly set in ground and mound of stone, marked on brass cap and witnessed as described in the official record.

Land, mountainous and gently rolling.
Soil, rocky, 4th rate.
Timber, juniper and oak.
Undergrowth, oakbrush.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of the Tp. established under this group as described in field notes of survey of N. bdy. of T. 12 N., R. 4 E.

N. 0° 01' W., bet. secs. 34 and 35.

Over mountainous land, thru scattering timber and undergrowth.

Desc. slightly over W. slope.

2.20 Desc. 207 ft. over steep NW. slope.

3.10 Old barbed wire fence (3 wire) bears NE. and SW.

12.16 Bottom of ravine, course SW. Dim road, same bearing. Asc. 375 ft. over S. slope to $\frac{1}{4}$ sec. cor.

14.36 Same road, bears SE. and NW.

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

$\frac{1}{4}$
S34 | S35

1938

from which

A juniper, 12 ins. diam., bears N. 26½° E., 157 lks. dist., marked $\frac{1}{4}$ S35 BT.

An oak, 9 ins. diam., bears N. 42° W., 23 lks. dist., marked $\frac{1}{4}$ S34 BT.

Asc. 20 ft. over S. slope.

45.00 Ridge, bears E. and W.; desc. 256 ft. over N. slope.

62.00 Bottom of ravine, 20 lks. wide, course W., turning to NW. about 3¼ chs. W. from this point. Asc. slightly over S. slope to

62.22 Intersect the 3rd Standard Parallel North.
Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in

Survey: Subdivision: Frac. T. 12 $\frac{1}{2}$ N., R. 4 E.

8.

Chains

the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 34 and 35, with brass cap marked

T13N	R4E
S34	
S34	S35
T12 $\frac{1}{2}$ N	R4E
C C	

1938

from which

A juniper, 6 ins. diam., bears S. 50° E., 85 lks. dist., marked T12 $\frac{1}{2}$ N R4E S35 CC BT.

A juniper, 6 ins. diam., bears S. 1 $\frac{1}{2}$ ° W., 34 lks. dist., marked T12 $\frac{1}{2}$ N R4E S34 CC BT.

From point of intersection the true point for std. $\frac{1}{4}$ sec. cor. of sec. 34, reestablished in 1928, bears East 3.13 chs. dist., which point is witnessed 100 lks. East by an iron post, 1 in. in diam., projecting 24 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed as described in the official record.

From same point the std. cor. of secs. 33 and 34, T. 13 N., R. 4 E. reestablished in 1928, bears West 36.87 chs. dist., which is an iron post, 2 ins. in diam., projecting 24 ins. above ground firmly set in ground and mound of stone, marked on brass cap and witnessed as described in the official record.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper and oak.
Undergrowth, oakbrush.

From the cor. of secs. 3, 4; 33 and 34, on S. bdy. of the Tp. established under this group as described in field notes of survey of N. bdy. of T. 12 N., R. 4 E.

N. 0° 02' W., bet. secs. 33 and 34.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 439 ft. over steep SE. slope.

18.79 Spur ridge from Bald Mountain, bears NE. and SW. sloping NE.; desc. 480 ft. over steep NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

S33		S34
-----	--	-----

1938

from which

A juniper, 10 ins. diam., bears N. 77 $\frac{1}{4}$ ° E., 147 lks. dist., marked $\frac{1}{4}$ S34 BT.

A juniper, 8 ins. diam., bears S. 44 $\frac{1}{4}$ ° W., 128 lks, dist., marked $\frac{1}{4}$ S33 BT.

Survey: Subdivision: Frac. T. 12½ N., R. 4 E.

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9.

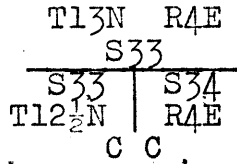
Chains

An earthen stock tank, bears N. 70° W., about 15 chs. dist.

Desc. 265 ft. over NW. slope to

62.35

Intersect the 3rd Standard Parallel North. Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 33 and 34, with brass cap marked



1938

from which

A juniper, 6 ins. diam., bears S. 23½° E., 150 lks. dist., marked T12½N R4E S34 CC BT.

A juniper, 5 ins. diam., bears S. 2¼° W., 310 lks. dist., marked T12½N R4E S33 CC BT.

From point of intersection the std. ¼ sec. cor. of sec. 33, T. 13 N., R. 4 E., reestablished in 1928, bears East 3.11 chs. dist., which is an iron post, 1 in. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone, and marked on brass cap as described in the official record. No accessories.

From same point the std. cor. of secs. 32 and 33, T. 13 N., R. 4 E., reestablished in 1928, bears West 36.89 chs. dist., which is an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper.
Undergrowth, oakbrush.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of the Tp. established under this group as described in field notes of survey of N. bdy. of T. 12 N., R. 4 E.

N. 0° 02' W., bet. secs. 32 and 33.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 125 ft. over SW. slope.

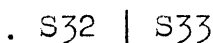
19.28

Spur ridge from Bald Mountain, bears W. and SE. Turns to NW. at about 5 chs. W. of this point. Slopes northwesterly. Desc. 200 ft. over NE. slope to

40.00

Set an iron post, 3 ft. long, 1 in. in diam., over a cross (+) chiseled on exposed bedrock and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼



1938

Survey: Subdivision: Frac.: T. 12½ N., R. 4 E.

10

Chains

from which

A juniper, 12 ins. diam., bears N. 31½° E., 42 lks. dist., marked ¼ S33 BT.

A juniper, 18 ins. diam., bears N. 53° W., 54 lks. dist., marked ¼ S32 BT.

Desc. 290 ft. over NE. slope.

56.90 Wash, 10 lks. wide, course NW.; asc. 16 ft. over SW. slope to

62.45 Intersect the 3rd Standard Parallel North.
Set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, for closing cor. of secs. 32 and 33, with brass cap marked

T13N R4E	
S32	
S32	S33
T12½N	R4E
C	C

1938

from which

A juniper, bears S. 27° E., 83 lks. dist., marked T12½N R4E S33 CC BT.

A juniper, bears S. 50¼° W., 66 lks. dist., marked T12½N R4E S32 CC BT.

From point of intersection the std. ¼ sec. cor. of sec. 32, T. 13 N., R. 4 E., reestablished in 1928, bears East 2.89 chs. dist., which is an iron post, 1 in. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.

From same point the std. cor. of secs. 31 and 32, T. 13 N., R. 4 E. reestablished in 1928, bears West 37.11 chs. dist., which is an iron post, 2 ins. in diam., projecting 28 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed as described in the official record.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper.
Undergrowth, oakbrush.

GENERAL DESCRIPTION.

The land in frac. T. 12½ N., R. 4 E., is of a mountainous nature, and lying wholly within the Prescott National Forest. The average elevation is about 6,000 ft. above sea level. Bald Mountain, just outside the Tp., near the S. bdy. of sec. 33 is an outstanding peak.

Drainage of the Tp. is southwesterly by numerous, small washes, tributaries of Spring Gulch. These creeks and washes are dry during most of the year.

There is a scattering growth of juniper, pinyon and oak timber over most of the Tp. The undergrowth is scattering oakbrush and catclaw.

Chains

The soil is rocky, mixed with clay, 3rd and 4th rates.

There is no evidence of any valuable mineral deposits at the present time nor of any previous mining activity.

There are no settlers or improvements upon the land excepting the various barbed wire fences that allot the land for stock grazing, two earthen stock tanks one each in secs. 33 and 36, and an old cabin, now unoccupied, in sec. 34.

There are no active springs within the Tp.

There is an old, passable road traversing thru sec. 34.

FINAL FIELD TESTS OF INSTRUMENT.

August 5, 1938; at camp in the NE $\frac{1}{4}$ of sec. 7, T. 11 N., R. 4 E., Gila and Salt River Meridian, Arizona, in latitude 34°20'50" N., and longitude 111°58'12" W., using the meridian determined at this station on July 21, 1938, by Polaris observation as described in the field notes of survey of T. 12 N., R. 4 E., test the solar apparatus of Buff and Buff transit No. 16723 as follows:

At 8h. 00m., a.m., app.t., set off 34°21'N. on the latitude arc; 17°03 $\frac{1}{2}$ 'N. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

At 4h. 00m., p.m., app.t., with the latitude arc unchanged, set off 16°57 $\frac{1}{2}$ 'N. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

The above described tests demonstrate that this instrument is in satisfactory adjustment on this date at the conclusion of the surveys hereinbefore described.

4-680
(Revised May 1934)

BOOK 4196

FIELD ASSISTANTS
to
Horace H. Muscott, Surveyor

NAMES	CAPACITY
Edmond R. Brenizer	Principal Assistant
Kenneth N. Burrows	Chainman
Dan H. Prise	Cornerman
William L. Morrison	AXMAN
Abson D. Lewis	AXMAN
Benjamin J. Mollette	Flagman

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BOOK 4196

CERTIFICATE OF [REDACTED] SURVEYOR

I, Horace M. Muscott, Surveyor, HEREBY CERTIFY upon honor that, in
 pursuance of ^{supplemental} special instructions bearing date of the 9th day of July, 1938
 received from the district cadastral engineer for Arizona, with assignment
 instructions dated July 9th, 1938, I have surveyed
The East and West boundaries and
Subdivision lines of
Fractional Township No. 12 1/2 North, Range No. 4 East
 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 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
April 15, 1939.

Horace M. Muscott

 Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF ~~THE~~ SUPERVISOR OF SURVEYS,
 Denver, Colo., SEP 15 1940, 19

The foregoing field notes of the survey of
the East and West boundaries and
Subdivision lines of
Fractional Township No. 12 1/2 North, Range No. 4 East, Gila & Salt River
Meridian, State of Arizona.
 executed by Horace M. Muscott, Surveyor,
 under ^{supplemental} special instructions dated July 9, 1938, for Group 223, Arizona, and assignment
 instructions dated July 9, 1938, 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.

Wm. A. Johnson

 Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in _____
 _____, is a true copy of the original field notes on file in the public survey office.~~

~~U.S. Supervisor of Surveys.~~