

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4206

FIELD NOTES

OF RESURVEY OF

East half of North boundary of T. 14 N., R. 6 W.

and

Part of South boundary of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

AND OF SURVEY OF

Part (completion) of South boundary

All of the East boundary

East half of North boundary and

Part (completion) of Subdivision lines of

Fractional Township 14 $\frac{1}{2}$ North, Range 6 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Claude F. Warner, Transitman

Under special instructions dated July 19, 1937, which provided for the surveys included under Group No. 220 Ariz., bearing the approval of the Commissioner of the General Land Office under date of July 30, 1937 and assignment instructions dated September 20, 1937.

Resurvey and Survey commenced December 3, 1937

Resurvey and Survey completed December 28, 1937

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INDEX DIAGRAM.

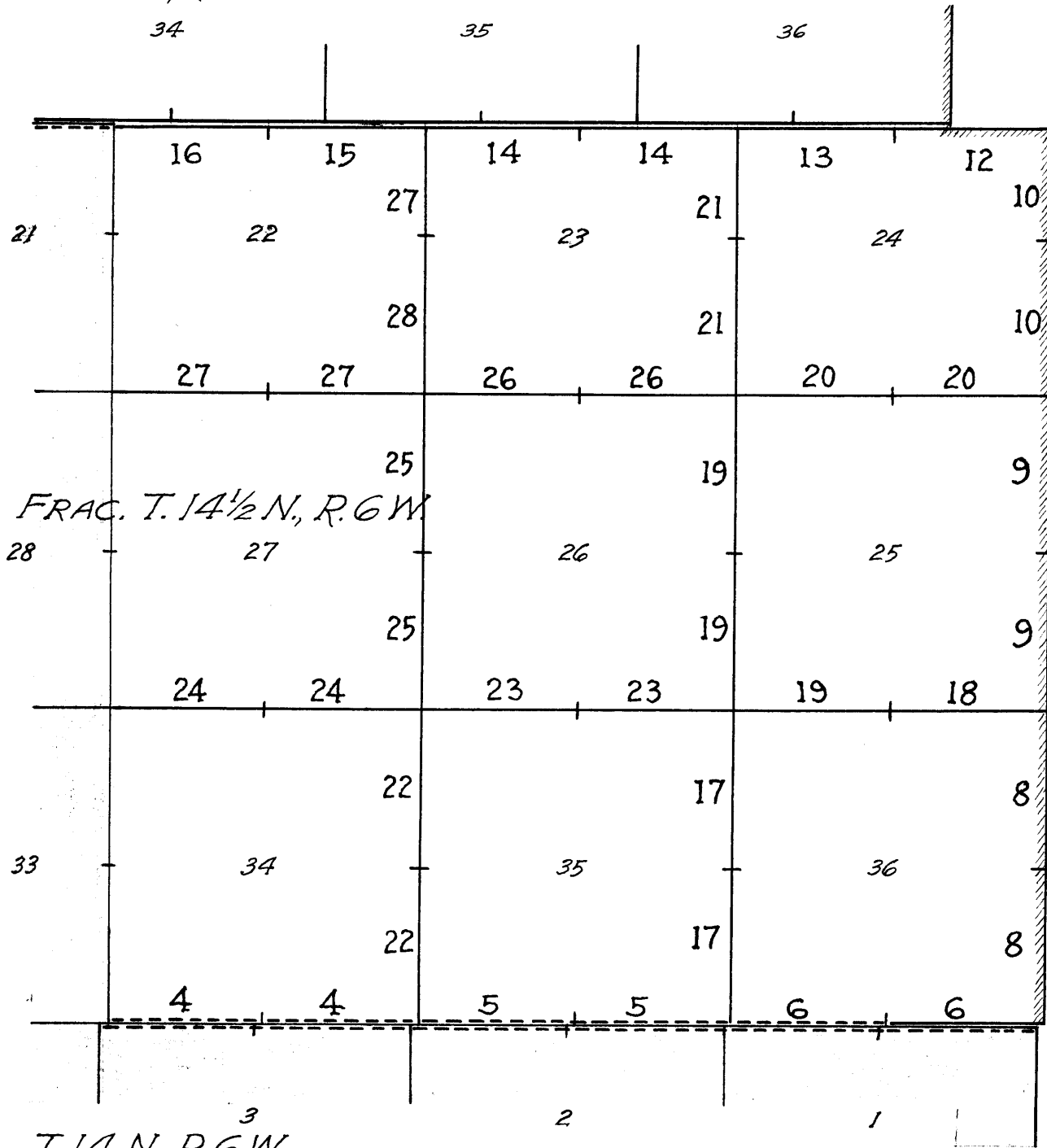
Township _____, *Range* _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
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30	29	28	27	26	25
31	32	33	34	35	36

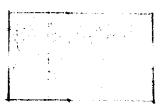
~INDEX-DIAGRAM~

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T. 15 N., R. 6 W.



T. 15 N., R. 5 W.
PARTLY SUBDIVIDED

- Lines of accepted surveys. (not retraced or resurveyed under this group)
- ==== Tp. bdrs. resurveyed under this group, with separate reference to each of the two townships.
- survey
====
resurvey Tp. bdrs. resurveyed under this group with reference to one township, and surveyed under this group with reference to the other township.
- Tp. bdrs. surveyed under this group with reference to one township only.
- +—— Tp. bdrs. surveyed under this group, with separate reference to each of the two townships.
- Subdivision lines surveyed under this group.
-  Areas surveyed as per accepted plats on file.

The resurveys and surveys herein described were executed by Claude F. Warner, Transitman, using Buff and Buff transit No. 9984. 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 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 measurements were made with a Dietzgen 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 to be 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.

November 28, 1937,
at camp in N. center of sec. 3, T. 16 N., R. 6 W., G. & S. R. Meridian, Arizona, latitude $34^{\circ}48'18''N.$, longitude $112^{\circ}53'W.$, examine the adjustments of the transit and find no errors; then, to test the solar apparatus of same by comparing its indications with a true meridian established at this station on August 9, 1937, by Roger F. Wilson, Surveyor, by Polaris observation, as described in the field notes of resurvey of the 4th Standard Parallel N. thru Rs. 5 and 6 W., proceed as follows:

at 9h. 00m., a.m., app.t., set off $34^{\circ}48\frac{1}{2}'N.$ on the latitude arc; $21^{\circ}17'S.$ 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, and obtain a reading of $21^{\circ}19'S.$ on the declination arc, which agrees closely with the computed declination of the sun.

at 3h. 00m., p.m., app.t., with the latitude arc unchanged; set off $21^{\circ}19\frac{1}{2}'S.$ 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 which is prior to the beginning of the surveys executed with same which are described in the following field notes.

Resurvey: Part (E. $\frac{1}{2}$) of North boundary: T. 14 N., R. 6 W.
 Part of South boundary: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.
 and Survey: Part (completion) of South bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

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2.

Chains The west half of South bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. was surveyed in 1915 by J. F. Hesse, U.S.S. establishing $\frac{1}{4}$ sec. and sec. cors., alternately, at 40 ch. intervals counting from the west, with common reference to areas in Ts. 14 and 14 $\frac{1}{2}$ N., R. 6 W.

In 1920, D. R. Averill, U.S.S., surveyed the east half of North bdy. of T. 14 N., R. 6 W., establishing $\frac{1}{4}$ sec. and sec. cors., alternately, at 40 ch. intervals, counting from the NE. cor. of said Tp., with reference to areas S. of line only, and reestablishing cor. of secs. 3 and 4 at 240 chs. W. from said Tp. cor.; resurveyed the west half of same Tp. bdy., reestablishing $\frac{1}{4}$ sec. and sec. cors. referring to areas S. of line only, at 40 ch. intervals counting from the cor. of secs. 3 and 4, and altering the existing cor. monuments on the line to refer to areas N. of line only, thus accomplishing also a resurvey of west half of South bdy. of Frac. T. 14 $\frac{1}{2}$ N. R. 6 W. Surveyor Averill, in connection with his survey of the east half of the North bdy. of T. 14 N., R. 6 W., also established $\frac{1}{4}$ sec. and sec. cors. on said line referring to areas in Frac. T. 14 $\frac{1}{2}$ N., R. 6 W., alternately, at 40 ch. intervals counting from the cor. of secs. 33 and 34, however, he did not establish the SE. cor. of said Frac. Tp., therefore the east half of S. bdy. of sec. 36 remained unsurveyed.

No other resurvey of any part of this Tp. bdy. is of record.

The following notes describe a resurvey of the E. $\frac{1}{2}$ of North bdy. of T. 14 N., R. 6 W.; a resurvey of the portion of South bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. situate S. of secs. 34 and 35; and W. $\frac{1}{2}$ of sec. 36; and a survey of the E. $\frac{1}{2}$ of South bdy. of sec. 36, thus completing survey of said Frac. Tp. bdy.

Retracement for Resurvey and Survey.

From the cor. of T. 14 N., R. 6 W. (NE. cor.),

West, on random line, N. of sec. 1 (E. $\frac{1}{2}$)

39.29 Intersect the S. $\frac{1}{4}$ sec. cor. of sec. 36, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

Continue line and measurement.

39.76 Intersect the N. $\frac{1}{4}$ sec. cor. of sec. 1, T. 14 N., R. 6 W.

The true course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 1 are therefore, East, 39.76 chs.

Thence

West, on random line, N. of sec. 1 (W. $\frac{1}{2}$)

39.53 (40.00 chs. W. from S. $\frac{1}{4}$ sec. cor. of sec. 36) Intersect the cor. of secs. 35 and 36, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

Continue line and measurement.

40.04 Intersect the cor. of secs. 1 and 2, T. 14 N., R. 6 W.

The true course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 1 are therefore, East, 40.04 chs.

Resurvey: Part (E. $\frac{1}{2}$) of North boundary: T. 14 N., R. 6 W.
 Part of South boundary: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.
 and Survey: Part (completion) of South bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

Chains	From cor. of secs. 1 and 2, West, on random line, N. of sec. 2 (E. $\frac{1}{2}$)
39.49	(40.00 chs. W. from cor. of secs. 35 and 36) Intersect the S. $\frac{1}{4}$ sec. cor. of sec. 35, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. Continue line and measurement.
40.00	Intersect the N. $\frac{1}{4}$ sec. cor. of sec. 2, T. 14 N., R. 6 W. The true course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 2 are therefore, East, 40.00 chs. Thence
	West, on random line, N. of sec. 2 (W. $\frac{1}{2}$)
39.49	(40.00 chs. W. from S. $\frac{1}{4}$ sec. cor. of sec. 35) Intersect the cor. of secs. 34 and 35, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. Continue line and measurement.
40.00	Intersect the cor. of secs. 2 and 3, T. 14 N., R. 6 W. The true course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 2 are therefore, East, 40.00 chs.
	From cor. of secs. 2 and 3, West, on random line, N. of sec. 3 (E. $\frac{1}{2}$)
39.49	(40.00 chs. W. from cor. of secs. 34 and 35) Intersect the S. $\frac{1}{4}$ sec. cor. of sec. 34, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. Continue line and measurement.
40.52	Intersect the N. $\frac{1}{4}$ sec. cor. of sec. 3, T. 14 N., R. 6 W. The true course and dist. of E. $\frac{1}{2}$ of N. bdy. of sec. 3 are therefore, East, 40.52 chs. Thence
	West, on random line, N. of sec. 3 (W. $\frac{1}{2}$)
38.97	(40.00 chs. W. from S. $\frac{1}{4}$ sec. cor. of sec. 34) Intersect the cor. of secs. 33 and 34, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. Continue line and measurement.
39.98	Intersect the reestablished cor. of secs. 3 and 4, T. 14 N., R. 6 W., which is an iron post, 2 ins. in diam., projecting 36 ins. above ground, firmly set in a mound of stone, marked on brass cap as described in the official record, and witnessed by a mound of stone S. No bearing trees. The true course and dist. of W. $\frac{1}{2}$ of N. bdy. of sec. 3 are therefore, East, 39.98 chs.

RESURVEY.

The cor. of secs. 33 and 34, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.
(1.01 chs. E. from cor. of secs. 3 and 4) is an iron
post, 3 ins. in diam., projecting 24 ins. above ground,
firmly set in ground and mound of stone, marked on
brass cap as described in the official record and wit-
nessed by a mound of stone N. No bearing trees.

Resurvey: Part (E. $\frac{1}{2}$) of North boundary: T. 14 N., R. 6 W.
 Part of South boundary: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.
 and Survey: Part (completion) of South bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

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4.

Chains	Thence
	East, on true line, on S. bdy. of sec. 34. Over heavily rolling land, thru scattering undergrowth and very scattering timber. Asc. gradually over SW. slope.
1.18	Barbed wire fence (4 wire) bears N. 35° W. and S. 35° E.
5.33	Enter mountainous land, bears NW. and SE. Asc. 226 ft. over SW. slope.
20.87	Asc. gradually over S. slope.
28.30	Spur, slopes NW. Asc. gradually over NW. slope.
31.75	Asc. 108 ft. over W. slope to
38.97	(39.98 chs. E. from cor. of secs. 3 and 4) Intersect the N. $\frac{1}{4}$ sec. cor. of sec. 3, T. 14 N., R. 6 W., which is an iron post, 1 in. in diam., projecting 32 ins. above ground, loosely set in ground and mound of stone, marked on brass cap as described in the official record and witnessed by a mound of stone S. No bearing trees. Rebuild the mound of stone around the post so as to give it a firm setting. Asc. 11 ft. over W. slope to
40.00	Intersect the S. $\frac{1}{4}$ sec. cor. of sec. 34, which is an iron post, 1 in. in diam., projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record and witnessed by a mound of stone N. No bearing trees. Asc. 407 ft. over W. slope.
48.95	Spur, slopes N. from SW. Desc. 78 ft. over E. slope.
60.40	Draw, course NW. Leave mountainous and enter rolling land. Asc. 60 ft. over NW. slope to
79.49	(40.52 chs. E. from N. $\frac{1}{4}$ sec. cor. of sec. 3) Intersect the cor. of secs. 2 and 3, T. 14 N., R. 6 W., which is an iron post, 2 ins. in diam., projecting 20 ins. above ground, firmly set in ground and mound of stone, and marked on brass cap as described in the official record. Rebuild the mound of stone to top of post. No bearing trees. Asc. slightly over N. slope to
80.00	Intersect the cor. of secs. 34 and 35, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W., which is an iron post, 2 ins. in diam., projecting 36 ins. above ground, firmly set in a mound of stone, and marked on brass cap as described in the official record. Rebuild the mound of stone to top of post and establish two bearing trees as follows: A juniper, 6 ins. diam., bears N. 49 $\frac{3}{4}$ ° E., 454 lks. dist., marked T14 $\frac{1}{2}$ N R6W S35 BT. A mountain mahogany, 5 ins. diam., bears N. 39° W., 180 lks. dist., marked T14 $\frac{1}{2}$ N R6W S34 BT. Land; rolling and mountainous. Soil, rocky, and gravelly clay, 3rd and 4th rates. Timber, juniper. Undergrowth, oakbrush, catclaw, laurel and cacti.

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Resurvey: Part (E. $\frac{1}{2}$) of North boundary: T. 14 N., R. 6 W.
 Part of South boundary: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.
 and Survey: Part (completion) of South bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

5.

Chains	
	East, on true line, on S. bdy. of sec. 35. Over rolling land, thru scattering timber and undergrowth. Asc. gradually over N. slope.
6.70	Barbed wire fence (4 wire) bears NE. and SW.
20.00	Ascend 60 ft. over W. slope.
27.32	Short spur, slopes N.; desc. 15 ft. over NE. slope.
29.55	Ascend 40 ft. over rolling and broken N. slope to
39.49	(40.00 chs. E. from cor. of secs. 2 and 3) Intersect the N. $\frac{1}{4}$ sec. cor. of sec. 2, T. 14 N., R. 6 W., which is an iron post, 1 in. in diam., projecting 20 ins. above ground, firmly set in ground and mound of stone, marked on brass cap as described in the official record, and witnessed by a mound of stone S. No bearing trees. Rebuild the mound of stone to top of post. Ascend 5 ft. over NW. slope to
40.00	Intersect the S. $\frac{1}{4}$ sec. cor. of sec. 35, which is an iron post, 1 in. in diam., projecting 14 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone N. Build a mound of stone around post to top and establish one bearing tree as follows: A juniper, 3 ins. in diam., bears N. $37\frac{1}{2}^{\circ}$ E., 122 lks. dist., marked BT only. No other bearing tree available. Enter mountainous land. Asc. 80 ft. over NW. slope to
45.00	Rim of mesa, bears NE. and SW. Leave mountainous and enter nearly level land, on mesa.
50.00	Leave scattering and enter dense timber, bears NE. and SW.
50.55	Barbed wire fence (4 wire) bears NE. and SW.
79.49	(40.00 chs. E. from the N. $\frac{1}{4}$ sec. cor. of sec. 2) Intersect the cor. of secs. 1 and 2, T. 14 N., R. 6 W., which is an iron post, 2 ins. in diam., projecting 14 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone S. No bearing trees. Build a mound of stone around post to top.
80.00	Intersect the cor. of secs. 35 and 36, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W., which is an iron post, 2 ins. in diam., projecting 20 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone N. Build a mound of stone around post to top, and establish two bearing trees as follows: A juniper, 6 ins. diam., bears N. $40\frac{1}{4}^{\circ}$ E., 42 lks. dist., marked T14 $\frac{1}{2}$ N R6W S36 BT. A juniper, 6 ins. diam., bears N. 35° W., 27 lks. dist., marked T14 $\frac{1}{2}$ N R6W S35 BT. Land, rolling, broken, mountainous, and nearly level. Soil, on the mesa, rocky clay loam, 2nd and 3rd rates; elsewhere, rocky, 4th rate.

Resurvey: Part (E. $\frac{1}{2}$) of North boundary: T. 14 N., R. 6 W.
 Part of South boundary: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.
 and survey: Part (completion) of South bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

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Chains

Timber, juniper.
 Undergrowth, oakbrush, catclaw and mountain mahogany.

East, on true line, on S. bdy. of sec. 36.

Over nearly level land, on mesa, thru dense timber and scattering undergrowth.

39.53 (40.04 chs. E. from cor. of secs. 1 and 2) Intersect the N. $\frac{1}{4}$ sec. cor. of sec. 1, T. 14 N., R. 6 W., which is an iron post, 1 in. in diam., projecting 17 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone S. No bearing trees. Build a mound of stone around post to top.

40.00 Intersect the S. $\frac{1}{4}$ sec. cor. of sec. 36, which is an iron post, 1 in. in diam., projecting 14 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone N. Build a mound of stone around post to top and establish two bearing trees as follows:

A juniper, 10 ins. diam., bears N. 75° E., 145 lks. dist.; marked $\frac{1}{4}$ S36 BT.

A juniper, 5 ins. diam., bears N. 28° W., 116 lks. dist., marked $\frac{1}{4}$ S36 BT.

SURVEY AND RESURVEY.

Continue line and measurement, surveying the E. $\frac{1}{2}$ of S. bdy. of sec. 36, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W., and continuing resurvey of E. $\frac{1}{2}$ of N. bdy. of T. 14 N., R. 6 W.

Over nearly level land, on mesa, thru dense timber and scattering undergrowth.

65.00 Leave dense and enter scattering timber, bears NE. and SW. Continue thru scattering undergrowth.

79.29 (39.76 chs. E. from N. $\frac{1}{4}$ sec. cor. of sec. 1) Intersect the cor. of T. 14 N., R. 6 W. (NE. cor.), which is an iron post, 3 ins. diam., projecting 16 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a partly scattered mound of stone SW. of cor. No bearing trees. Build a mound of stone around post to top, and rebuild the witness mound to 3 ft. base, 2 ft. high.

Resurvey terminates at this cor.

Continue line and measurement, and survey of E. $\frac{1}{2}$ of S. bdy. of sec. 36, Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

80.00 (71 lks. E. from NE. cor. of T. 14 N., R. 6 W.) Set an iron post, 3 ft. long, 3 ins. in diam., 28 ins. in the ground, for cor. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. (SE. cor.), with brass cap marked

T 14 $\frac{1}{2}$ N	
R 6 W	
S 36	
T14N R5W	

1937

from which

Resurvey: Part (E. $\frac{1}{2}$) of North boundary: T. 14 N., R. 6 W.
 Part of South boundary: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.
 and Survey: Part (completion) of South bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

Chains

A juniper, 3 ins. diam., bears N. $74\frac{3}{4}^{\circ}$ W., 18 lks.
 dist., marked BT only.

A juniper, 3 ins. diam., bears N. $35\frac{1}{2}^{\circ}$ W., 50 lks.
 dist., marked BT only.

Land, nearly level.

Soil, rocky clay loam, 2nd and 3rd rates.

Timber, juniper.

Undergrowth, scrub juniper and oakbrush.

Survey: East boundary: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

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8.

Chains	From the cor. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. (SE. cor.), hereinbefore described, North, on E. bdy. of sec. 36. Over nearly level land, on mesa, thru scattering timber and undergrowth.
25.70	Leave scattering and enter dense timber, bears NE. and SW.
26.35	Barbed wire fence (4 wire) bears N. 80° E. and S. 80° W.
33.40	Rim of mesa, bears E. and W. Leave mesa and enter moun- tainous land. Desc. 155 ft. over broken N. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for E. $\frac{1}{4}$ sec. cor. of sec. 36, with brass cap marked $\frac{1}{4}$ S36 1937 from which A juniper, 8 ins. diam., bears S. 43 $\frac{3}{4}$ ° W., 100 lks. dist., marked $\frac{1}{4}$ S36 BT. A juniper, 5 ins. diam., bears N. 88 $\frac{1}{2}$ ° W., 82 lks. dist., marked $\frac{1}{4}$ S36 BT. Desc. 285 ft. over broken N. slope.
60.24	Wash, 20 lks. wide, course NW. Leave mountainous and enter rolling land. Asc. 34 ft. over SW. slope.
63.22	Spur, slopes W. near point of same. Desc. 10 ft. over NW. slope.
66.80	Asc. 23 ft. over SW. slope.
71.80	Point of spur, slopes NW.; desc. 17 ft. over N. slope to
74.75	Foot of slope, bears E. and W. Thence over nearly level bottom land.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in the ground, for cor. of secs. 25 and 36, with brass cap marked $\frac{1}{4}$ T14 $\frac{1}{2}$ N S25 S36 R6W 1937 from which A juniper, 8 ins. diam., bears S. 20° W., 39 lks. dist., marked T14 $\frac{1}{2}$ N R6W S36 BT. An ash, 9 ins. diam., bears N. 48 $\frac{1}{2}$ ° W., 108 lks. dist., marked T14 $\frac{1}{2}$ N R6W S25 BT. Land, nearly level, broken, mountainous and rolling. Soil, gravelly clay, 2nd rate on mesa, elsewhere, rocky, 4th rate. Timber, juniper. In N. 5 chs. sycamore, ash, oak and cottonwood. Undergrowth, oakbrush, catclaw and manzanita.

Survey: East boundary; Frac. T. $14\frac{1}{2}$ N., R. 6 W.

9.

Chains	North, on E. bdy. of sec. 25.
	Over nearly level bottom land, thru dense timber and scattering undergrowth.
0.50	Sycamore Creek (dry) 60 lks. wide, course N. $80\frac{1}{2}^\circ$ W. Continue over nearly level bottom land.
2.18	Trail, bears E. and W.
4.35	Leave bottom land and enter heavily rolling land. Asc. 25 ft. over S. slope.
9.00	Point of spur, slopes W. Leave dense and enter scattering timber; desc. 49 ft. over NW. slope.
17.00	Enter wash, 50 lks. wide, course SW. from N., joined at this point by a wash from E. Asc. 40 ft. along wash to
28.70	Leave wash, 30 lks. wide, course S. from NE. Asc. 40 ft. over SE. slope to
34.04	Same wash, 15 lks. wide, course SE. Enter mountainous land. Asc. 113 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground to bedrock, and in a mound of stone to top, for E. $\frac{1}{4}$ sec. cor. of sec. 25, with brass cap marked
	$\frac{1}{4}$ S25
	1937
	from which
	A juniper, 6 ins. diam., bears S. $14\frac{1}{2}^\circ$ W., 322 lks. dist., marked $\frac{1}{4}$ S25 BT.
	No other bearing tree available.
	Asc. 142 ft. over SW. slope.
45.40	Spur, slopes SE.; desc. 69 ft. over broken NE. slope.
50.30	Head of draw, course SE.; asc. 165 ft. over SE. slope.
60.25	Same spur, slopes SW.; asc. 60 ft. over W. and SW. slopes to
67.40	Rim of Sycamore Mesa, bears NW. and SE. Leave mountainous and enter rolling land on Sycamore Mesa. Asc. 52 ft. over S. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 24 and 25, with brass cap marked
	T $14\frac{1}{2}$ N S24 S25 R6W
	1937
	from which
	A juniper, 10 ins. diam., bears S. $79\frac{1}{4}^\circ$ W., 238 lks. dist., marked T $14\frac{1}{2}$ N R6W S25 BT.
	A juniper, 12 ins. diam., bears N. 72° W., 46 lks. dist., marked T $14\frac{1}{2}$ N R6W S24 BT.

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Survey: East boundary: Frac. T. 14½ N.; R. 6 W.

10

Chains	Land, nearly level, rolling, broken and mountainous. Soil, gravelly, clay and rocky, 3rd and 4th rates. Timber, juniper. Sycamore, ash, oak, walnut, cottonwood and willow, along Sycamore Creek. Undergrowth, oakbrush and catclaw.
	North, on E. bdy. of sec. 24.
	Over gently rolling land, on Sycamore Mesa, thru scattering timber and undergrowth. Asc. gradually over S. slope.
6.67	Low spur, slopes W.; desc. 44 ft. over N. slope.
14.64	Foot of slope, bears E. and W. Thence over nearly level land.
26.35	Rim of Sycamore Mesa, bears E. and W. Leave mesa and enter mountainous land. Desc. 114 ft. over steep N. slope.
30.82	Wash, 10 lks. wide, course W.; asc. 123 ft. over steep S. slope to
36.20	Rim of Sycamore Mesa, bears E. and W. Thence over nearly level land on Sycamore Mesa. Timber becomes dense.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, for E. ¼ sec. cor. of sec. 24, with brass cap marked <div style="text-align: center;">¼ S24 </div> <div style="text-align: center;">.1937</div> <div style="text-align: right;">from which</div> A juniper, 5 ins. diam., bears S. 36° W., 56 lks. dist., marked ¼ S24 BT. A juniper, 5 ins. diam., bears N. 22¼° W., 64 lks. dist., marked ¼ S24 BT.
47.43	Trail, bears N. 80° W. and S. 80° E.
50.40	Rim of Sycamore Mesa, bears NE. and SW. Leave mesa and enter mountainous land. Timber becomes scattering. Desc. 162 ft. over NW. slope.
60.43	Wash, 20 lks. wide, course S. 82° W., in bottom of ravine. Asc. 40 ft. over SE. slope to
67.60	Intersect the North bdy. of Frac. T. 14½ N., R. 6 W., at 26.15 chs. East from cor. of T. 15 N., R. 6 W. Set an iron post, 3 ft. long, 3 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of Frac. T. 14½ N., R. 6 W. (NE. cor.), with brass cap marked <div style="text-align: center;">S 24 T14½N R6W </div> <div style="text-align: center;">1937</div> <div style="text-align: right;">from which</div> A juniper, 8 ins. diam., bears S. 48¼° W., 129 lks. dist., marked T14½N R6W S24 BT. A juniper, 6 ins. diam., bears S. 71½° W., 156 lks. dist., marked T14½N R6W S24 BT.

Survey: East boundary: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

Chains

Land, gently rolling, nearly level, and mountainous.
 Soil, rocky clay, 3rd and 4th rates.
 Timber, juniper and pinyon.
 Undergrowth, oakbrush and catclaw.

Survey: East half of North bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

12

Chains The W. $\frac{1}{2}$ of N. bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. was surveyed due East by J. F. Hesse, U.S.S. in 1915, establishing all corner monuments thereon with common reference to areas in Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. and T. 15 N., R. 6 W., at 40 ch. intervals.

No retracement or resurvey of any part of this line, nor of survey of the E. $\frac{1}{2}$ of the Tp. bdy., is of record.

The W. $\frac{1}{2}$ of N. bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. and W. $\frac{1}{2}$ of S. bdy. of T. 15 N., R. 6 W. were resurveyed; and the E. $\frac{1}{2}$ of S. bdy. of T. 15 N., R. 6 W. surveyed, under this group as described in the field notes of T. 15 N., R. 6 W. In said resurveys and survey the existing corner monuments were altered to refer to areas in Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. only, and another complete set of cors. were established referring to areas in T. 15 N., R. 6 W. only, at 40 ch. intervals counting from the SE. cor. of said Tp., which Tp. cor. was established at point of intersection of the South and East bdrs. of the Tp. surveyed on cardinal courses.

The following notes describe the survey of the E. $\frac{1}{2}$ of the North bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W., due West, establishing $\frac{1}{4}$ sec. and sec. cors., alternately, thereon, with reference to areas in said Tp. only, at 40 ch. intervals, counting from the NE. cor. of the Tp., West to the cor. of secs. 22 and 23, and then establishing the N. $\frac{1}{4}$ sec. cor. of sec. 22 at the midpoint of the N. bdy. of said sec. The portion of the North bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. situate bet. the cor. of secs. 21 and 22 and the SE. cor. of T. 15 N., R. 6 W. is identical in position with the South bdy. of T. 15 N., R. 6 W., and from said Tp. cor. extends due East to intersection with the East bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. surveyed due North as hereinbefore described.

RANDOM FOR SURVEY.

From cor. of T. 15 N., R. 6 W. (SE. cor.)

East, on random line, to determine the point for establishment of the cor. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. (NE. cor.)

26.15 Intersect the East bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. at a point 27.60 chs. North from the E. $\frac{1}{4}$ sec. cor. of sec. 24. Establish the NE. cor. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. at this point of intersection as hereinbefore described in the notes of survey of the East bdy. of the Tp.

As the distance between the cor. of secs. 21 and 22 and the SE. cor. of T. 15 N., R. 6 W., determined by the survey of E. $\frac{1}{2}$ of S. bdy. of T. 15 N., R. 6 W., was found to be 213.67 chs., the total length of the E. $\frac{1}{2}$ of North bdy. of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. is therefore 213.67 chs. + 26.15 chs. = 239.82 chs. With an establishment of cor. monuments at 40 ch. intervals on the N. bdrs. of secs. 23 and 24, the length of the N. bdy. of sec. 22 will be 79.82 chs. from which the midpoint position of the N. $\frac{1}{4}$ sec. cor. of said sec. is determined.

SURVEY.

From the cor. of Frac. T. 14 $\frac{1}{4}$ N., R. 6 W., hereinbefore described,

West, on N. bdy. of sec. 24.

Survey: East half of North bdy.: Frac. T. 14½ N., R. 6 W.

13

Chains	Over mountainous land, thru scattering timber and undergrowth.
	Asc. 120 ft. over SE. slope.
9.35	Short spur from Sycamore Mesa, slopes S.; desc. 82 ft. over W. slope.
16.80	Bottom of gulch, course S., near head. Asc. 140 ft. over SE. slope.
23.61	Rim of Sycamore Mesa, bears NE. and SW. Leave mountainous and enter gently rolling and nearly level land on Sycamore Mesa. Timber becomes dense.
26.15	Intersect the cor. of T. 15 N., R. 6 W. (SE. cor.) established under this group, which is an iron post, 3 ins. in diam., projecting 26 ins. above ground, marked on brass cap and witnessed as described in the field notes of survey of T. 15 N., R. 6 W.
	Continue line and measurement. Over Sycamore Mesa.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for N. ¼ sec. cor. of sec. 24, with brass cap marked
	¼ S24
	1937
	from which
	A juniper, 9 ins. diam., bears S. 40° E., 51 lks. dist., marked ¼ S24 BT.
	A juniper, 8 ins. diam., bears S. 26° W., 42 lks. dist., marked ¼ S24 BT.
	Continue over nearly level land on Sycamore Mesa, thru dense timber and scattering undergrowth.
45.95	Rim of Sycamore Mesa, bears S. and N. 75° W. Leave mesa and enter mountainous land. Desc. 45 ft. over SW. slope.
49.90	Bottom of ravine, course S., (heads about 2 chs. N.) Asc. 57 ft. over SE. slope to.
53.05	Rim of Sycamore Mesa, bears NE. and W. Leave mountainous and enter gently rolling land on said mesa. Asc. 9 ft. along S. slope slightly N. of the mesa rim.
57.15	Rim of Sycamore Mesa, bears E. and NW. Leave mesa and enter mountainous land. Desc. 41 ft. over SW. slope.
59.98	Asc. 52 ft. along rocky S. slope to
64.85	Rim of Sycamore Mesa, and top of cliff, 12 ft. high, bearing N. 80° E. and S. 70° W., facing S. Thence over gently rolling land on said mesa. Asc. slightly over SE. slope to
66.15	(40.00 chs. W. from SE. cor. of T. 15 N., R. 6 W.) Intersect the S. ¼ sec. cor. of sec. 36, T. 15 N., R. 6 W., established under this group, which is an iron post, 1 in. in diam., projecting 26 ins. above ground, firmly set in ground and in mound of stone to top, marked on brass cap and witnessed as described in notes of survey of T. 15 N., R. 6 W.
	Continue line and measurement.

Survey: East half of North bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

14

Chains	Over gently rolling land on Sycamore Mesa. Asc. 29 ft. over SE. slope to								
80.00	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 cor. of secs. 23 and 24, with brass cap marked								
	<table style="margin: auto;"> <tr><td>T15N</td><td>R6W</td></tr> <tr><td colspan="2" style="text-align: center;">S36</td></tr> <tr><td>S23</td><td>S24</td></tr> <tr><td>T14$\frac{1}{2}$N</td><td>R6W</td></tr> </table>	T15N	R6W	S36		S23	S24	T14 $\frac{1}{2}$ N	R6W
T15N	R6W								
S36									
S23	S24								
T14 $\frac{1}{2}$ N	R6W								
	1937								
	from which								
	A juniper, 7 ins. diam., bears S. 47° E., 72 lks. dist., marked T14 $\frac{1}{2}$ N R6W S24 BT.								
	A juniper, 8 ins. diam., bears S. 28° W., 76 lks. dist., marked T14 $\frac{1}{2}$ N R6W S23 BT.								
	Land, mountainous, gently rolling and nearly level. Soil, rocky, 3rd and 4th rates. Timber, juniper. Undergrowth, catclaw and cacti. Fair grazing.								
	West, on N. bdy. of sec. 23.								
	Over gently rolling land, on Sycamore Mesa, thru dense timber and scattering undergrowth.								
	Asc. 24 ft. over SE. slope.								
11.15	Top of low divide, bears NE. and SW. Desc. 20 ft. over NW. slope to								
26.15	(80.00 chs. W. from SE. cor. of T. 15 N., R. 6 W.) Intersect the cor. of secs. 35 and 36, T. 15 N., R. 6 W., established under this group, which is an iron post, 2 ins. in diam., projecting 8 ins. above ground, firmly set, marked on brass cap and witnessed as described in notes of survey of T. 15 N., R. 6 W.								
	Continue over nearly level and gently rolling land on Sycamore Mesa, thru dense timber and scattering undergrowth. Desc. 30 ft. over gradual NW. 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 N. $\frac{1}{4}$ sec. cor. of sec. 23, with brass cap marked								
	<table style="margin: auto;"> <tr><td colspan="2" style="text-align: center;">$\frac{1}{4}$ S23</td></tr> </table>	$\frac{1}{4}$ S23							
$\frac{1}{4}$ S23									
	1937								
	from which								
	A juniper, 6 ins. diam., bears S. 26 $\frac{1}{4}$ ° E., 32 lks. dist., marked $\frac{1}{4}$ S23 BT.								
	A juniper, 7 ins. diam., bears S. 61 $\frac{1}{4}$ ° W., 71 lks. dist., marked $\frac{1}{4}$ S23 BT.								
	Continue over Sycamore Mesa. Desc. 55 ft. over gradual NW. slope to								
66.15	(40.00 chs. W. from cor. of secs. 35 and 36, T. 15 N., R. 6 W.) Intersect the S. $\frac{1}{4}$ sec. cor. of sec. 35, T. 15								

Survey: East half of North bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

4206

15

Chains	<p>N., R. 6 W., established under this group, which is an iron post, 1 in. in diam., projecting 9 ins. above ground, marked on brass cap and witnessed as described in notes of survey of T. 15 N., R. 6 W.</p> <p>Continue line and measurement. Over Sycamore Mesa. Desc. 47 ft. over NW. slope to</p>								
80.00	<p>Set an iron post, 3 ft. long, 2 ins. in diam., 4 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 22 and 23, with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr> <td>T15N</td> <td>R6W</td> </tr> <tr> <td colspan="2">S35</td> </tr> <tr> <td>S22</td> <td>S23</td> </tr> <tr> <td>T14$\frac{1}{2}$N</td> <td>R6W</td> </tr> </table> </div> <p>1937</p> <p style="text-align: right;">from which</p> <p>A juniper limb, 5 ins. diam., bears S. 4$\frac{1}{2}$° E., 110 lks. dist., marked T14$\frac{1}{2}$N R6W S23 BT.</p> <p>A juniper, 6 ins. diam., bears S. 21$\frac{1}{2}$° W., 132 lks. dist., marked T14$\frac{1}{2}$ N R6W S22 BT.</p> <p>Land, gently rolling and nearly level. Soil, rocky, 3rd and 4th rates. Timber, juniper. Undergrowth, oakbrush, catclaw and cacti.</p>	T15N	R6W	S35		S22	S23	T14 $\frac{1}{2}$ N	R6W
T15N	R6W								
S35									
S22	S23								
T14 $\frac{1}{2}$ N	R6W								
	<p>West, on N. bdy. of sec. 22.</p> <p>Over gently rolling and nearly level land, on Sycamore Mesa, thru dense timber and scattering undergrowth.</p> <p>Desc. 21 ft. over NW. slope.</p>								
6.15	Leave dense and enter scattering timber, bears NE. and SW.								
10.22	Rim of Sycamore Mesa, bears S. and N. 10° W. for about 7 chs., thence NE. Leave mesa and enter mountainous land and dense undergrowth. Desc. 27 ft. over W. slope to								
11.05	Top of vertical cliff, faces W. Desc. 235 ft. over precipitous, rocky W. slope to								
18.35	Foot of steep descent. Thence over nearly level, rocky bench, bears S. and NW.								
23.15	Rim of bench, bears N. and S. Leave bench and desc. 84 ft. over steep, rocky SW. slope to								
26.15	(80.00 chs. W. from cor. of secs. 35 and 36, T. 15 N., R. 6 W.) Intersect the cor. of secs. 34 and 35, T. 15 N., R. 6 W., established under this group, which is an iron post, 2 ins. in diam., projecting 8 ins. above ground, marked on brass cap and witnessed as described in notes of survey of T. 15 N., R. 6 W.								
	Desc. 114 ft. over rocky SW. slope.								
37.15	Point of spur, slopes SW. Cow trail, bears NE. and SW. Desc. 61 ft. over W. slope.								
38.75	Bottom of ravine, 8 lks. wide, course NW. Spring on line, flowing a stream, 3 lks. wide. Asc. 12 ft. over steep NE. slope to								

Survey: East half of North bdy.: Frac. T. 14 $\frac{1}{2}$ N., R. 6 W.

16

Chains

- 39.91 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, with a stone 3x3x2 ins. marked with a cross (X) deposited at base, and in a mound of stone to top, for N. $\frac{1}{4}$ sec. cor. of sec. 22, with brass cap marked
- $\frac{1}{4}$ S22
- 1937
- No bearing trees available.
- Asc. 26 ft. over steep NE. slope.
- 43.05 Spur, slopes N. about 4 chs. Desc. 217 ft. over NW. slope.
- 46.20 Trail, bears NE. and SW.
- 53.95 Bottom of rocky ravine, 12 lks. wide, course SW. Desc. 30 ft. over S. slope.
- 56.95 Point of spur, slopes SW. Desc. 32 ft. over W. slope.
- 58.15 Bottom of same ravine, course NW. Asc. 32 ft. over NE. slope.
- 64.75 Spur, slopes N. for about 2 chs., then NW. Desc. 52 ft. over steep NW. slope to
- 66.15 (40.00 chs. W. from cor. of secs. 34 and 35, T. 15 N., R. 6 W.) Intersect the S. $\frac{1}{4}$ sec. cor. of sec. 34, T. 15 N., R. 6 W., established under this group, which is an iron post, 1 in. in diam., projecting 8 ins. above ground, marked on brass cap and witnessed as described in the notes of survey of T. 15 N., R. 6 W.
- Desc. 24 ft. over NW. slope.
- 67.05 Bottom of ravine, course N. Heads about 4 chs. S.
Asc. 60 ft. over NE. slope.
- 69.60 Desc. 12 ft. over steep, broken N. slope to
- 74.90 Spur, slopes W. from SE. Thence along S. slope near top of spur. Desc. 34 ft. to
- 79.82 (13.67 chs. W. from S. $\frac{1}{4}$ sec. cor. of sec. 34, T. 15 N., R. 6 W.) Intersect the cor. of secs. 21 and 22 (originally cor. of secs. 21, 22, 33 and 34) which is an iron post, 3 ins. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone, marked on brass cap and witnessed as described in notes of survey of T. 15 N., R. 6 W.
- Land, gently rolling, nearly level, and mountainous.
Soil, rocky, 4th rate.
Timber, juniper, oak and cottonwood.
Undergrowth, oakbrush and scrub mesquite.

Survey: Part (completion) of Subdivision lines of
Fractional T. 14 $\frac{1}{2}$ N., R. 6 W.

17

Chains	<p>The subdivision lines of the west half of Fractional T. 14$\frac{1}{2}$ N., R. 6 W. were surveyed in 1915 by J. F. Hesse, U.S. Surveyor.</p> <p>No retracement or resurvey of any part of said subdivision lines, nor any subsequent survey, is of record.</p> <p>The following notes describe the survey of the subdivision lines of the east half of the Tp., thus completing the subdivision of Frac. T. 14$\frac{1}{2}$ N., R. 6 W.</p>
	<p>From the cor. of secs. 35 and 36, on S. bdy. of the Tp., hereinbefore described,</p> <p>N. 0° 01' W., bet. secs. 35 and 36.</p> <p>Over nearly level land, on mesa, thru dense timber and scattering undergrowth.</p>
12.60	Barbed wire fence (4 wire) bears N. 80° E. and S. 80° W.
23.20	Rim of mesa, bears N. 80° E. and S. 80° W. Leave mesa and enter mountainous land. Timber becomes scattering. Desc. 403 ft. over steep N. slope to
36.70	Foot of steep descent bears E. and W. Leave mountainous and enter nearly level land, bearing E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ S35 S36 1937 from which
	<p>A pinyon, 6 ins. diam., bears N. 64$\frac{1}{2}$° W., 121 lks. dist., marked $\frac{1}{4}$ S35 BT.</p> <p>No other bearing tree available.</p>
	Enter gently rolling land. Desc. 34 ft. over N. slope to
44.95	Foot of gradual descent, bears E. and W. Reenter nearly level land.
50.00	Leave scattering and enter dense timber, bears E. and W.
54.98	Reenter gently rolling land, bearing E. and W. Desc. 57 ft. over N. slope.
64.17	Sycamore Creek, 100 lks. wide, course W., dry except for a few small shallow pools of water along its bed. Thence over nearly level bottom land.
68.00	Log corral, bears E. 4 chs. dist.
70.64	Leave nearly level and enter heavily rolling and mountainous land, bearing E. and W. Timber becomes scattering. Asc. 86 ft. over broken SE. slope.
79.03	Desc. 10 ft. over E. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam.; on exposed bedrock, and in a mound of stone to top, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

Survey: Part (completion) of Subdivision lines: Frac. T. 14½ N., R. 6 W.

18

Chains	
	$\begin{array}{r l} T14\frac{1}{2}N & R6W \\ S26 & S25 \\ \hline S35 & S36 \end{array}$
	1937
	from which
	A juniper, 6 ins. diam., bears N. 62½° E., 94 lks. dist., marked T14½N R6W S25 BT.
	A juniper, 6 ins. diam., bears S. 76° E., 65 lks. dist., marked T14½N R6W S36 BT.
	A pinyon, 5 ins. diam., bears S. 57½° W., 154 lks. dist., marked T14½N R6W S35 BT.
	Land, nearly level, gently and heavily rolling and mountainous.
	Soil, sandy and rocky clay loam, 3rd rate, and rocky, 4th rate.
	Timber, juniper and pinyon. Sycamore, oak, ash, walnut, cottonwood and willow, along Sycamore Creek.
	Undergrowth, oakbrush and catclaw.
	East, on random line, bet. secs. 25 and 36.
40.00	Set temp. ¼ sec. cor.
80.08	Intersect E. bdy. of the Tp. 5 lks. N. of the cor. of secs. 25 and 36, hereinbefore described.
	Thence
	N. 89° 58' W., on true line, bet. secs. 25 and 36.
	Over nearly level bottom land, thru dense timber and undergrowth.
8.20	Sycamore Creek, (dry), 100 lks. wide, course W. from N. 88½° E., Descend gradually in creek bed to
31.50	Leave bed of Sycamore Creek (dry), 100 lks. wide, course S. 67° W. from E.
	Continue over nearly level bottom land, thru dense timber and undergrowth.
40.04	Set an iron post, 3 ft. long, 1 in. in diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 25}{S 36}$
	1937
	from which
	An oak, 14 ins. diam., bears S. 33½° E., 58 lks. dist., marked ¼ S36 BT.
	An oak, 7 ins. diam., bears N. 89½° W., 46 lks. dist., marked ¼ S25 BT.
	Continue over nearly level bottom land, thru dense timber and undergrowth.
58.00	N. edge of Sycamore Creek bottom land, bears NE. and SW. Leave nearly level and enter heavily rolling and mountainous land. Timber and undergrowth becomes scattering. Asc. 45 ft. over SE. slope.

Survey: Part (completion) of Subdivision lines: Frac. T. 14½ N., R. 6 W.

1906

Chains

67.97 Spur, slopes S. near point of same; desc. 30 ft. over SW. slope.

75.00 Wash, 7 lks. wide, course S. from NW.; asc. 52 ft. over E. slope to

80.08 The cor. of secs. 25, 26, 35 and 36.

Land, nearly level, heavily rolling and mountainous. Soil, sandy loam, 1st and 2nd rate in the bottom land; elsewhere, rocky 4th rate.

Timber, sycamore, oak, ash, walnut, cottonwood, and willow.

Undergrowth, oakbrush, catclaw, and scrub mesquite.

N. 0° 01' W., bet. secs. 25 and 26.

Over mountainous land, thru scattering timber and undergrowth.

Asc. slightly over E. slope.

0.80 Desc. 32 ft. over NE. slope.

3.24 Wash, 5 lks. wide, course SE.; asc. 398 ft. over broken SW. slope.

27.73 Thence along W. slope. Desc. 56 ft.

37.89 Asc. 13 ft. over SW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼

S26 | S25

1937

from which

A juniper, 7 ins. diam., bears S. 54½° E., 77 lks. dist., marked ¼ S25 BT.

A juniper, 5 ins. diam., bears N. 55½° W., 154 lks. dist., marked ¼ S26 BT.

Asc. 85 ft. over SW. slope.

45.43 Spur, slopes NW.; desc. 80. ft. over N. slope.

50.30 Head of draw, course NW.; asc. 73 ft. over SW. slope.

58.69 Spur, slopes NW.; desc. 65 ft. over N. slope.

65.00 Draw, course NW.; desc. 135. ft. over broken NW. and W. slopes to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., over a cross (X) chiseled on exposed bedrock, and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T14½N. R6W
S23 | S24
S26 | S25

1937

Survey: Part (completion) of Subdivision lines: Frac. T.14½N., R.6 W.

20

Chains

from which

A pinyon, 8 ins. diam., bears N. 36½° E., 49 lks. dist., marked T14½N R6W S24 BT.

No other bearing tree available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, juniper and pinyon.

Undergrowth, oakbrush, catclaw and cacti.

S. 89° 58' E., on random line, bet. secs. 24 and 25.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect E. bdy. of the Tp. 12 lks. S. of the cor. of secs. 24 and 25, hereinbefore described.

Thence

S. 89° 57' W., on true line, bet. secs. 24 and 25.

Over rolling land, on Sycamore Mesa, thru scattering timber and undergrowth. Desc. 26 ft. over S. and SW. slopes to

11.79 Rim of Sycamore Mesa, bears SE. and W. Leave mesa and enter mountainous land. Desc. 34 ft. over SW. slope, slightly S. of rim of mesa.

14.74 Thence along S. slope.

19.70 Asc. 23 ft. over SE. slope.

24.72 Rim of mesa, bearing E. and SW., merging into S. edge of top of spur. Desc. gradually over flat-topped spur, sloping W. from Sycamore Mesa.

37.92 Edge of top of spur, bears NE. and SE. Leave top of spur and desc. 70 ft. over steep W. slope to

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

¼ $\frac{S\ 24}{S\ 25}$

1937

from which.

A juniper, 5 ins. diam., bears S. 34¼° W., 73 lks. dist., marked ¼ S25 BT.

A juniper, 6 ins. diam., bears N. 6½° W., 109 lks. dist., marked ¼ S24 BT.

Desc. 89 ft. over W. slope.

44.86 Trail, bears N. and S. Thence over rolling land, descending gradually over N. slope.

49.90 Desc. 69 ft. over NW. slope.

54.75 Asc. 30 ft. over NE. slope.

60.00 Desc. 40 ft. over NW. slope.

70.10 Asc. 46 ft. over NE. slope.

Survey: Part (completion) of Subdivision lines: Frac. T.14 $\frac{1}{2}$ N., R.6 W.

Chains	
75.05	Enter mountainous land. Desc. 97 ft. over steep, broken W. slope to
80.08	The cor. of secs. 23, 24, 25 and 26. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush, catclaw and cacti.
40.00	N. 0° 01' W., on random line, bet. secs. 23 and 24. Set temp. $\frac{1}{4}$ sec. cor.
67.80	Intersect N. bdy. of the Tp. 14 lks. W. of the cor. of secs. 23 and 24, hereinbefore described. Thence
	S. 0° 06' W., on true line, bet. secs. 23 and 24. Over gently rolling land on Sycamore Mesa, thru dense timber and scattering undergrowth. Desc. gradually over SE. slope to
12.30	Rim of Sycamore Mesa, bears NE. and SW. Leave mesa and enter mountainous land. Timber becomes scattering. Desc. 170 ft. over broken SE. slope to
27.80	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, with a malpais stone 2x3x5 ins. 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
	$\frac{1}{4}$ S23 S24 1937.
	No bearing trees available.
	Desc. 180 ft. over broken SE. slope.
50.80	Creek, 50 lks. wide, course S. 82° W. from E., general course SW. Dry except for occasional shallow pools of water along its bed. Asc. 94 ft. over NW. slope.
57.86	Desc. 17 ft. over W. slope.
59.55	Asc. 65 ft. over NW. slope.
63.83	Short spur, slopes SW.; desc. 90 ft. over steep S. slope.
66.80	Wash, 3 lks. wide, course SW., near head; asc. slightly over steep W. slope to
67.80	The cor. of secs. 23, 24, 25 and 26. Land, gently rolling, broken and mountainous. Soil, rocky, and gravelly clay, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush, catclaw and cacti.

BOOK 4200

Survey: Part(completion) of Subdivision lines: Frac. T.14 $\frac{1}{2}$ N., R. 6 W.

22

Chains	From the cor. of secs. 34 and 35, on the S. bdy. of the Tp. hereinbefore described, N. 0° 01' W., bet. secs. 34 and 35. Over rolling land, thru scattering timber and undergrowth. Desc. gradually over N. slope.						
5.00	Drain; course W.; asc. 55 ft. over SW. slope.						
23.35	Spur, slopes NW.; desc. 62 ft. over NE. slope.						
30.27	Wash, 5 lks. wide, course W.; enter mountainous land. Asc. 105 ft. over S. slope.						
36.24	Rocky butte. Thence across top of same.						
37.05	Leave top of butte; desc. 92 ft. over steep rocky N. slope to						
40.00	Base of butte, bears E. and W. Set an iron post, 3 ft. long, 1 in. in diam., 9 ins. in the ground to bedrock, with a granite stone 8x8x6 ins. 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;"> $\frac{1}{4}$ S34 S35 1937 No bearing trees available. Thence over nearly level bench. </div>						
48.90	Rim of bench, bears E. and W. Leave bench and desc. 205 ft. over steep N. slope.						
55.45	Draw, course NW.; asc. 45 ft. over SW. slope.						
58.95	Spur, slopes NW.; desc. 370 ft. over steep broken N. slope to						
75.66	Sycamore Creek (dry) 100 lks. wide, course N. 86 $\frac{1}{2}$ ° W.; asc. 158 ft. over steep S. slope to						
80.00	Set an iron post; 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 26, 27, 34 and 35, with brass cap marked <div style="text-align: center;"> <table border="1"> <tr> <td>T14$\frac{1}{2}$N</td> <td>R6W</td> </tr> <tr> <td>S27</td> <td>S26</td> </tr> <tr> <td>S34</td> <td>S35</td> </tr> </table> 1937 from which A juniper, 6 ins. diam., bears N. 47° E., 172 lks. dist., marked T14$\frac{1}{2}$N R6W S26 BT. A juniper, 6 ins. diam., bears S. 71$\frac{1}{2}$° E., 486 lks. dist., marked T14$\frac{1}{2}$N R6W S35 BT. A juniper, 7 ins. diam., bears N. 25° W., 366 lks. dist., marked T14$\frac{1}{2}$N R6W S27 BT. No other bearing tree available. </div>	T14 $\frac{1}{2}$ N	R6W	S27	S26	S34	S35
T14 $\frac{1}{2}$ N	R6W						
S27	S26						
S34	S35						

Survey: Part (completion) of Subdivision lines: Frac. T.14 $\frac{1}{2}$ N., R.6 W.

23

Chains	Land, rolling, broken, nearly level and mountainous. Soil, rocky, 4th rate. Timber, juniper, Sycamore, oak, ash, walnut, cottonwood and willow, along Sycamore Creek. Undergrowth, oakbrush, catclaw, and mountain mahogany.
	East, on random line, bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect the cor. of secs. 25, 26, 35 and 36.
	Thence
	West, on true line, bet. secs. 26 and 35.
	Over mountainous land, thru scattering timber and under- growth. Asc. 128 ft. over SE. slope.
8.15	Spur, slopes S.; desc. 10 ft. over W. slope.
10.60	Drain, course S.; asc. 116 ft. over SE. slope.
26.21	Spur, slopes SW.; desc. 202 ft. over W. slope to
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S\ 26}{S\ 35}$
	1937
	from which
	A juniper, 11 ins. diam., bears S. $73\frac{1}{4}^{\circ}$ W., 312 lks. dist., marked $\frac{1}{4}$ S35 BT.
	A juniper limb, 10 ins. diam., bears N. $86\frac{3}{4}^{\circ}$ W., 360 lks. dist., marked $\frac{1}{4}$ S26 BT.
	Desc. 174 ft. over W. slope.
48.54	Wash, 20 lks. wide, course SW.; asc. 38 ft. over SE. slope.
50.62	Desc. 77 ft. over S. slope.
57.40	Asc. 60 ft. over SE. slope.
61.47	Point of spur, slopes SW.; desc. 77 ft. over W. slope.
65.30	Creek (dry) 130 lks. wide, course S. $13\frac{1}{2}^{\circ}$ W.; asc. 101 ft. over SE. slope.
66.87	Barbed wire fence (4 wire) bears N. 10° E. and S. 10° W.
74.45	Asc. gradually over steep S. slope to
80.02	The cor. of secs. 26, 27, 34 and 35.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper. Undergrowth, oakbrush.
	West, on random line, bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

Survey: Part (completion) of Subdivision lines: Frac. T.14 $\frac{1}{2}$ N., R. 6 W.

24

Chains

79.88 Intersect N. and S. line 2 lks. S. of the cor. of secs. 27, 28, 33 and 34, which is an iron post, 2 ins. in diam., projecting 18 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor. Rebuild the mound of stone W. of cor. to 3 ft. base, 2 ft. high; raise a mound of stone around post to top, and establish two bearing trees as follows:

A juniper, 16 ins. diam., bears S. 53° E., 56 lks. dist., marked T14 $\frac{1}{2}$ N R6W S34 BT.

A juniper, 8 ins. diam., bears N. 75° E., 200 lks. dist., marked T14 $\frac{1}{2}$ N R6W S27 BT.

Thence

S. 89° 59' E., on true line, bet. secs. 27 and 34.

Over mountainous land, thru scattering timber and undergrowth, along a steep, rolling and broken S. slope from a mesa, the rim of which bears approximately E. and W. about $\frac{1}{4}$ mile N. of this sec. line.

Asc. 110 ft. to

5.33 Thence with little change in elevation.

11.73 Desc. 13 ft.

13.92 Asc. 75 ft.

19.47 Desc. 98 ft.

25.56 Asc. 90 ft.

38.88 Desc. 32 ft. to

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

$\frac{1}{4}$ $\frac{S\ 27}{S\ 34}$

1937

No bearing trees available.

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

Continue over steep, rolling and broken S. slope.

Desc. 50 ft.

42.21 Asc. 253 ft.

75.72 Desc. 39 ft. to

79.88 The cor. of secs. 26, 27, 34 and 35.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, juniper and pinyon.
Undergrowth, oakbrush, catclaw and cacti.

Survey: Part (completion) of Subdivision lines: Frac. T.14½N., R.6 W.

Chains	N. 0° 01' W.; bet. secs. 26 and 27. Over mountainous land, thru scattering timber and undergrowth.
19.00	Asc. 478 ft. over steep, rocky S. slope to Rim of Sycamore Mesa, bears E. and W. Leave mountainous and enter nearly level land on Sycamore Mesa. Timber becomes dense.
25.59	Rim of Sycamore Mesa, bears NW. and SE. Leave mesa and reenter mountainous land. Desc. 101 ft. over steep NE. slope to
32.62	Foot of steep slope, bears NW. and SE. Leave mountainous and enter gently rolling land. Desc. 34 ft. over gradual NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked
	¼ S27 S26 1937 from which
	A juniper limb, 10 ins. diam., bears S. 25½° E., 33 lks. dist., marked ¼ S26 BT.
	A juniper, 5 ins. diam., bears N. 64¼° W., 67 lks. dist., marked ¼ S27 BT.
	Desc. 6 ft. over gradual NE. slope.
41.50	Wash, 6 lks. wide, course SE.; continue over gently rolling land. Timber becomes scattering. Asc. 30 ft. over gradual S. slope.
45.00	Enter mountainous land. Asc. 190 ft. over steep S. slope to
54.84	Rim of Sycamore Mesa, bears E. and W. Leave mountainous and enter nearly level and gently rolling land on Sycamore Mesa. Asc. gradually to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 22, 23, 26 and 27, with brass cap marked
	T14½N R6W S22 S23 S27 S26 1937 from which
	A juniper, 3 ins. diam., bears N. 76½° E., 74 lks. dist., marked BT. only.
	A juniper, 5 ins. diam., bears S. 42½° E., 115 lks. dist., marked T14½N R6W S26 BT.
	A juniper, 5 ins. diam., bears S. 8¼° W., 130 lks. dist., marked T14½N R6W S27 BT.
	A juniper, 5 ins. diam., bears N. 44° W., 73 lks. dist., marked T14½N R6W S22 BT.

Survey: Part (completion) of Subdivision lines: Frac. T14 $\frac{1}{2}$ N., R.6 W.

26

Chains	<p>Land, mountainous, nearly level, and gently rolling. Soil, rocky clay, and rocky, 3rd and 4th rates. Timber, juniper. Undergrowth, oakbrush and catclaw.</p>
	<p>East, on random line, bet. secs. 23 and 26.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line 5 lks. N. of the cor. of secs. 23, 24, 25 and 26.
	Thence
	N. 89° 58' W., on true line, bet. secs. 23 and 26.
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. 12 ft. over W. slope.
0.90	Wash, 5 lks. wide, course SW.; desc. 99 ft. over broken, rocky SW. slope.
13.31	Creek, 50 lks. wide, course S. 4° W., dry except for a few small shallow pools of water along the bed. Asc. 234 ft. over steep E. slope.
24.86	Rim of Sycamore Mesa, bears N. 5° E. and S. 5° W. Leave mountainous and enter nearly level land on a point of Sycamore Mesa.
34.05	Rim of Sycamore Mesa, bears N. and S. Leave mesa and reenter mountainous land. Desc. 102 ft. over steep W. slope to
39.95	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, with a malpais stone 5x4x2 ins. marked with a cross (X) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 23}{S 26}$
	1937
	No bearing trees available.
	Desc. 64 ft. over steep W. slope to
42.76	Foot of slope, bears N. and S. Thence across bottom of canyon.
46.50	Wash, 6 lks. wide, course S. from N. 10° E. Leave bottom of canyon. Asc. 92 ft. over steep SE. slope to
48.20	Rim of Sycamore Mesa, bears N. 10° E. and S. 10° W. Leave mountainous and enter nearly level and gently rolling land on Sycamore Mesa.
48.50	Barbed wire fence (4 wire) bears N. 9° E. and S. 9° W.
79.90	The cor. of secs. 22, 23, 26 and 27.
	<p>Land, mountainous, broken, nearly level and gently rolling. Soil, rocky, 4th rate. Timber, juniper and pinyon. Undergrowth, oakbrush and catclaw.</p>

Survey: Part (completion) of Subdivision lines: Frac. T.14 $\frac{1}{2}$ N., R.6 W.

Chains N. 89° 59' W., on random line, bet. secs. 22 and 27.

40:00 Set temp. $\frac{1}{4}$ sec. cor.

79.82 Intersect N. and S. line 23 lks. N: of the cor. of secs. 21, 22, 27 and 28, which is an iron post, 2 ins. in diam., projecting 8 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor. No bearing trees.

Thence

N. 89° 51' E., on true line, bet. secs. 22 and 27.

Over gently rolling and nearly level land on Sycamore Mesa, thru scattering timber and undergrowth.

Asc. about 70 ft. over gradual NW. slope.

37.30 Low divide, bears NE. and SW. Desc. gradually over SE. slope.

39.91 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S\ 22}{S\ 27}$

1937

from which

A juniper, 8 ins. diam., bears S. 20° W., 137 lks. dist., marked $\frac{1}{4}$ S27 BT.

A juniper, 6 ins. diam., bears N. 89° W., 83 lks. dist., marked $\frac{1}{4}$ S22 BT.

Continue over nearly level and gently rolling land, on Sycamore Mesa, thru scattering timber and undergrowth.

Desc. gradually over SE. slope to

79.82 The cor. of secs. 22, 23, 26 and 27.

Land, gently rolling and nearly level.
Soil, rocky clay, 3rd rate.
Timber, juniper.
Undergrowth, oakbrush and catclaw.

N. 0° 06' E., on random line, bet. secs. 22 and 23.

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

67.66 Intersect N. bdy. of the Tp. 4 lks. E. of the cor. of secs. 22 and 23, hereinbefore described.

Thence

S. 0° 04' W., on true line, bet. secs. 22 and 23.

Over gently rolling and nearly level land on Sycamore Mesa, thru dense timber and scattering undergrowth.

Asc. gradually over NW. slope.

21.02 Barbed wire fence (4 wire) bears N. 63° W. and S. 63° E. Timber becomes scattering.

Chains

27.66 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

$\frac{1}{4}$

S22 | S23

1937

from which

A juniper, 8 ins. diam., bears S. 30° E., 78 lks. dist., marked $\frac{1}{4}$ S23 BT.

A juniper, 7 ins. diam., bears S. 53 $\frac{3}{4}$ ° W., 139 lks. dist., marked $\frac{1}{4}$ S22 BT.

Continue over nearly level and gently rolling land on Sycamore Mesa, thru scattering timber and undergrowth.

Asc. slightly over NW. slope.

30.00 Low divide, bears NE. and SW.; desc. gradually over SE. slope to

67.66 The cor. of secs. 22, 23, 26 and 27.

Land, gently rolling and nearly level.

Soil, rocky clay, 3rd rate.

Timber, juniper.

Undergrowth, oakbrush and catclaw.

GENERAL DESCRIPTION.

This fractional township, situated at the head of the Santa Maria-Williams River watershed, which is part of the Colorado River drainage basin, contains a variety of surface conditions, ranging from nearly level to mountainous. The portion surveyed as described in the foregoing field notes consists of mesas and canyons, and the average elevation above sea level is about 4800 feet. Except for parts of secs. 22, 23 and 27, all of this area is drained by Sycamore Creek and its tributary watercourses. This creek, with a general westerly course, crosses the E. $\frac{1}{2}$ of this Frac. Tp., about one mile N. from the S. bdy. of the Tp., and is in the bottom of a canyon, about 600 feet deep. The northwestern parts of secs. 22, 23 and 27 drain northwesterly into Smith Canyon, which crosses the SE. quarter of T. 15 N., R. 6 W. The principal tributary to Sycamore Creek in the E. $\frac{1}{2}$ of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W., is an unnamed creek, course SW. thru secs. 24, 23 and 26, and entering Sycamore Creek in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of sec. 35. This watercourse is also in bottom of a canyon for its entire length. The greater part of the areas of secs. 22, 23 and 27 is on Sycamore Mesa which lies between Smith Canyon and Sycamore Creek and covers an extensive area in the adjoining townships on the north and east. Parts of this mesa also extend into secs. 24, 25 and 26.

Parts of secs. 35 and 36 are on a mesa bearing E. and W. between Tank Creek and Sycamore Creek. On the mesas the surface is gently rolling and nearly level, and along Sycamore Creek in the bottom of the canyon, and on several narrow benches, there is nearly level surface. The remainder of the east half of this township is heavily rolling, broken and mountainous.

The soil is mainly rocky clay and rocky, 3rd and 4th rates, though there is a narrow strip of bottom land along Sycamore Creek where there is sandy soil, 1st and 2nd rates.

The timber, in both dense and scattering growths, consists of juniper and pinyon, and along Sycamore Creek there is oak, walnut, sycamore, ash, cottonwood and willow.

Undergrowth consists mainly of oakbrush, catclaw and cacti, and is prevalent over all of this part of the township.

None of the watercourses carry a permanent flow of water, but at the time of this survey there were pools of water in various parts of Sycamore Creek and the creek tributary thereto. The only spring observed was on the N. bdy. of sec. 22.

There are no settlers or residents within this part of the Tp. No indications of valuable mineral deposits were observed.

The land is now used for stock grazing. Lines of barbed wire range fences are located in this part of the township as follows: one easterly across the mesa in secs. 35 and 36; another below the mesa rim in SW. part of sec. 35; another crossing the SW. cor. of sec. 34; and another extending northerly from Sycamore Creek to a point in sec. 23, thence northwesterly across Sycamore Mesa to its NW. rim. There is a corral in the central part of sec. 26, and one in the northwestern part of sec. 36. These two corrals, and the range fences, constitute the only improvements in this area.

There are no roads in this part of the township and very few trails.

All of the east half of Frac. T. 14 $\frac{1}{2}$ N., R. 6 W. is within the Prescott National Forest.

Final Test of Instrument.

December 31, 1937;
at camp at Cline's ranch in SW $\frac{1}{4}$ of sec. 29, T. 15 N., R. 10 W., G. & S.R. Meridian, Arizona, latitude 34°36 $\frac{1}{2}$ ' N., longitude 113°20' W., make an hour angle observation on Polaris west of the meridian, making four observations, two each with the telescope in direct and reversed positions, and recording the horizontal angles thus determined with reference to a stake set firmly in the ground, 5 chs. N.

Mean watch time of observation	10h. 44m. 37s. p.m.
Watch fast of l.m.t.	33m. 19s.
Watch fast of standard time	48s.
Mean horizontal angle from Polaris	
E. to reference point	0° 56' 16"
Azimuth of Polaris W.	0° 55' 18"
True bearing of reference point	N. 0° 00' 58" E.

January 1, 1938;
at 9h. 00m., a.m., app.t., set off $34^{\circ}36\frac{1}{2}'$ N. on the latitude arc; $22^{\circ}59'S$. 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, and obtain a reading of $22^{\circ}59'S$. on the declination arc, which agrees with the computed declination of the sun.

at 3h. 00m., p.m., app.t., with the latitude arc unchanged; set off $22^{\circ}57\frac{1}{2}'$ 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, and has remained in such condition throughout the surveys described in the foregoing field notes.

4-680
(Revised May 1934)

FIELD ASSISTANTS

Claude F. Warner, Transitman

NAMES	CAPACITY
Harold R. Ruddell	Principal Assistant
Fred D. Harris	Chairman
Leroy Lewis	Cornerman
Dee Fleming	Axman
Thomas H. Belford	Axman
Kenneth Poor	Flagman and Chairman

BOOK 1266

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Claude F. Warner, Transitman....., HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 19th day of July, 1937
received from the district cadastral engineer for Arizona....., with assignment
instructions dated Sept. 20, 1937....., I have resurveyed E. 1/2 of N. bdy. of T. 14 N.,
R. 6 W., and Part of S. bdy. of Frac. T. 14 1/2 N., R. 6 W.; and surveyed
Part (completion) of S. bdy.; All of E. bdy.; E. 1/2 of N. bdy.; and Part
(completion) of Subdivision lines of
Fractional Township 14 1/2 North, Range 6 West
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
resurveys and
surveys have 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..... Claude F. Warner
April 8, 1939..... Transitman

CERTIFICATE OF APPROVAL

OFFICE OF ~~U.S.~~ SUPERVISOR OF SURVEYS,

Denver, Colo., ~~APR 30 1940~~, 1940

The foregoing field notes of the resurvey of E. 1/2 of N. bdy. of T. 14 N., R. 6 W., and
Part of S. bdy. of Frac. T. 14 1/2 N., R. 6 W.; and of the survey of Part
(completion) of S. bdy.; All of E. bdy.; E. 1/2 of N. bdy.; and Part
(completion) of Subdivision lines of
Fractional Township 14 1/2 North, Range 6 West
of the Gila and Salt River Meridian in the State of Arizona
executed by Claude F. Warner, Transitman.....
under special instructions dated July 19, 1937, for Gp. 220, Arizona....., and assignment
instructions dated September 20, 1937....., having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the resurveys
and surveys
therein described, are hereby approved.

Frank A. Johnson
~~U.S.~~ 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.~~