

4-879  
(April 1933)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 4193

FIELD NOTES

OF RESURVEY OF

PART OF THE SOUTH BOUNDARY

PART OF THE WEST BOUNDARY

and

PART OF THE SUBDIVISION LINES

of

FRACTIONAL TOWNSHIP 16 NORTH, RANGE 4 EAST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Ty White Norville E. Shearer and Frank Kennon

Public Land Surveyors

and supplemental special  
Under special instructions dated April 8 and May 3, 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 May 13, 1938  
and assignment instructions dated April 22, 1938

Re Survey commenced April 24, 1938

Re Survey completed May 18, 1938

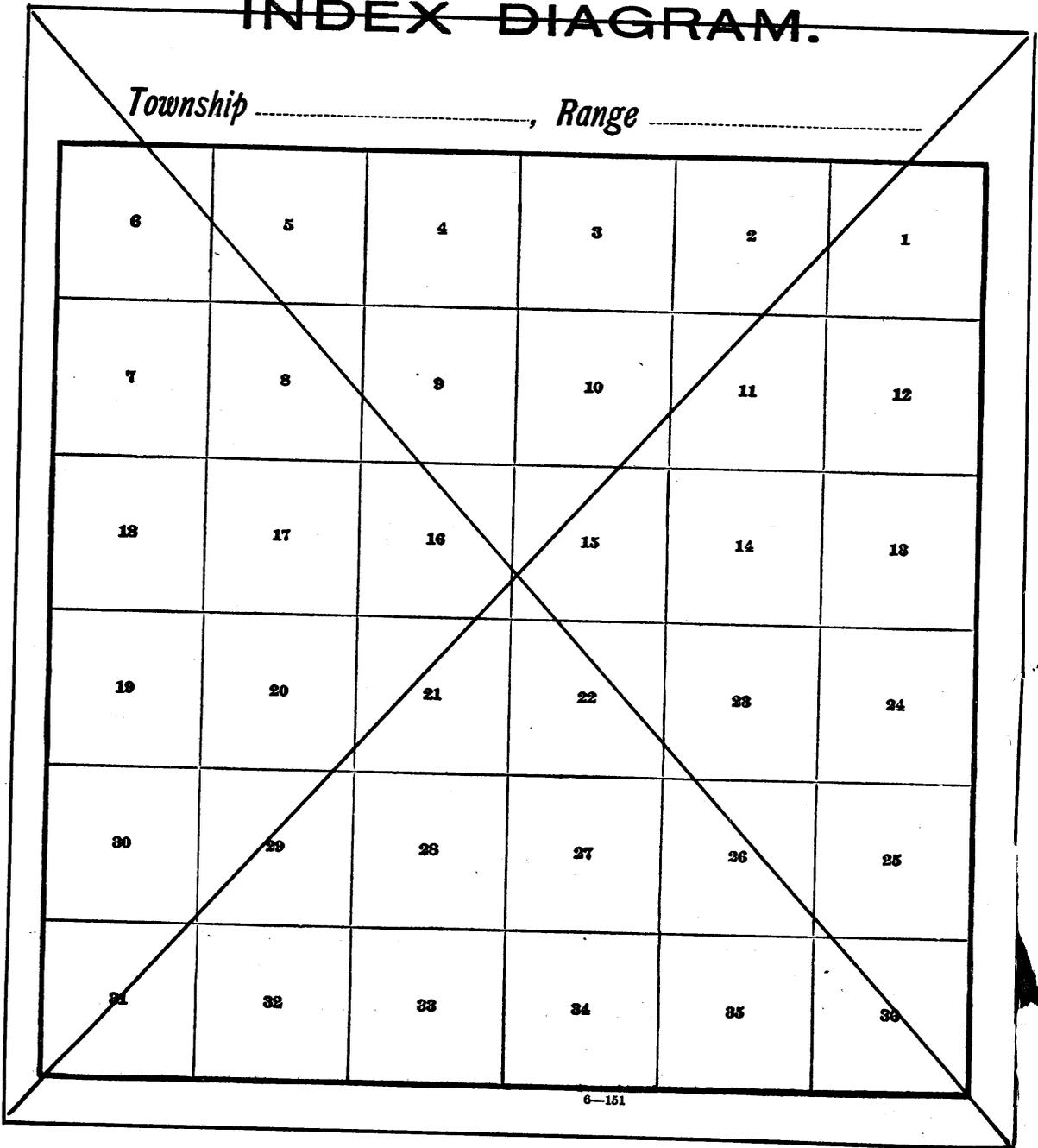
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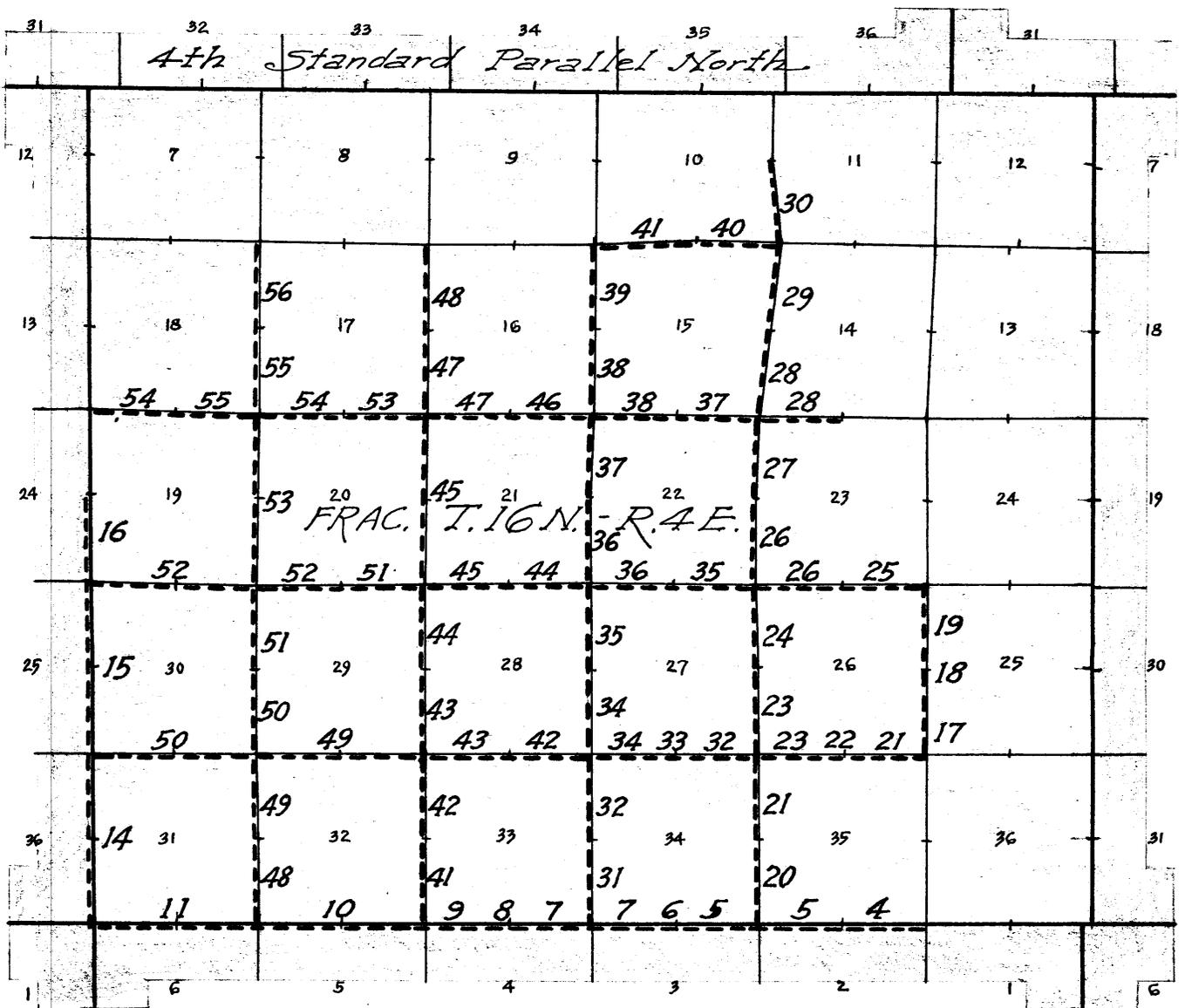
INDEX DIAGRAM.

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



GROUP 223-Arizona  
~ INDEX-DIAGRAM ~

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———— Lines of accepted surveys.

----- Lines resurveyed under this group. (notes herein).

▭ Areas surveyed as per accepted plats on file.

The resurveys herein described were executed by Ty White, Norville E. Shearer and Frank Kennon, Public Land Surveyors, using, respectively, Buff and Buff transits Nos. 18002 and 10125, and Young and Sons transit No. 8385. Each of these instruments is equipped with an improved Smith solar attachment and otherwise conforms to the standard specifications of the General Land Office. The instruments were examined and tested by the District Cadastral Engineer for California and Arizona prior to the beginning of the surveys of this group, and were approved conditional upon satisfactory results of field tests of same.

The azimuths of all of the lines of resurvey herein described were determined with the solar attachments.

All measurements were made with Lufkin and Dietzgen steel tapes, 5 chs. in length, graduated every link for the first 100 lks., and the remainder at intervals of 10 lks. The tapes were 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 INSTRUMENTS.

Buff and Buff transit No. 18002  
Ty White, Public Land Surveyor.

April 24, 1938; at camp on Spring Creek, in NW $\frac{1}{4}$ SW $\frac{1}{4}$  of sec. 22, Frac. T. 16 N., R. 4 E., Gila and Salt River Meridian, Arizona, in latitude 34°45'48" N., and longitude 111°55'W., examine the adjustments of Buff and Buff transit No. 18002 and find no errors. Watch reads correct 105th meridian time as checked by comparison with Western Union Telegraph Co. clock. To test the workings of the solar apparatus of this instrument, proceed as follows:

At 5h. 27.9m., p.m., l.m.t., observe Polaris at western elongation, making six observations, three each with the telescope in direct and reversed positions, and reading the deflection angles from a marked point on a rock on a bluff about 30 chs. N., east to Polaris;

Mean watch time of observations, p.m.	5h. 55m. 12s.
Watch time of western elongation p.m.	5h. 55 m. 36s.
Watch fast of l.m.t.	27m. 42s.
Mean horizontal angle from Polaris	.
W. to reference point	1°36'45"
Azimuth of Polaris at W. elongation	<u>1°15'12"</u>

True bearing of reference point N. 2°51'57" W.

April 25, 1938; at same station, at 9h. 00m., a.m., app. t., set off 34°46' N. on the latitude arc; 13°08' N. 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 13°10 $\frac{1}{2}$ ' N. 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 13°13' N. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

2.

As all of the solar observations made during the usual hours of solar work come within 1'30" of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, prior to beginning the resurveys herein described.

Buff and Buff transit No. 10125  
Norville E. Shearer, Public Land Surveyor.

April 25, 1938; at same station, and using the reference point obtained by Ty White, Public Land Surveyor by Polaris observation, test the solar apparatus of Buff and Buff transit No. 10125 as follows:

At 9h. 00m., a.m., app.t., set off 34°46'N. on the latitude arc; 13°08'N. 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 13°10½' N. 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 13°13'N. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within 1'30" of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, prior to beginning the resurveys herein described.

Young and Sons transit No. 8385  
Frank Kennon, Public Land Surveyor.

April 25, 1938; at same station, and using the reference point obtained by Ty White, Public Land Surveyor by Polaris observation, test the solar apparatus of Young and Sons transit No. 8385 as follows:

At 9h. 00m., a.m., app.t., set off 34°46'N. on the latitude arc; 13°08'N. 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 13°10½' N. 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 13°13'N. on the declination arc; and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work come within 1'30" of the true meridian, conclude that this instrument is in satisfactory adjustment on this date, prior to beginning the resurveys herein described.

Resurvey: Part of South boundary: Frac. T. 16 N., R. 4 E.

BOOK 4188

3.

## Chains

The South bdy. of Frac. T. 16 N., R. 4 E. was surveyed by C. B. Foster, U.S. Deputy Surveyor in 1877, establishing common reference cors. thereon at 40 ch. intervals, counting from the E.

In 1916, W. H. Richards, Jr., U.S. Surveyor, resurveyed the E. one mile of this Tp. bdy. and retraced the line bet. secs. 2 and 35.

In 1918, W. B. Kimmel, U. S. Surveyor, reestablished the cor. of Ts. 15 N., Rs. 4 and 5 E., on the S. bdy. of sec. 36 at 5.76 chs. W. from the original cor. of Ts. 15 and 16 N., Rs. 4 and 5 E., and changed said original Tp. cor. to refer to Ts. 16 N., Rs. 4 and 5 E. only.

No other retracements or resurveys on this Tp. bdy. are of record. The following notes describe a resurvey of the W. 5 miles of this Tp. bdy., reconstructing existing corner monuments in their original positions, reestablishing missing cors. at intervals bet. existing cors. proportional to the record of the original survey, and monumenting all of such reconstructed and reestablished cors. with regulation brass-capped iron posts, with original common reference.

Retracement for Resurvey.

From the cor. of secs. 1, 2, 35 and 36,  
west, on random line, bet. secs. 2 and 35.

40.00 Find no trace of original  $\frac{1}{4}$  sec. cor.

Set temp. cor. and continue line and measurement.

80.22 A point 16 lks. N. of original cor. of secs. 2, 3, 34 and 35.

True course and dist. of Tp. bdy. bet. secs. 2 and 35 are therefore, S.  $89^{\circ}53'$ W., 80.22 chs.

From the cor. of secs. 2, 3, 34 and 35.

West, on random line, bet. secs. 3 and 34 ( $E\frac{1}{2}$ ).

40.10 A point 16 lks. S. of accepted  $\frac{1}{4}$  sec. cor. of secs. 3 and 34.

True course and dist. of Tp. bdy. on  $E\frac{1}{2}$  bet. secs. 3 and 34 are therefore, N.  $89^{\circ}46'$ W., 40.10 chs.

From  $\frac{1}{4}$  sec. cor.

West, on random line.

40.00 Find no trace of original cor. of secs. 3, 4, 33 and 34.  
Set temp. cor. and continue line and measurement.

80.86 A point 38 lks. S. of the original  $\frac{1}{4}$  sec. cor. of secs. 4 and 33.

True course and dist. of Tp. bdy. from  $\frac{1}{4}$  sec. cor. of secs. 3 and 34 to the  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, are therefore N.  $89^{\circ}44'$ W., 80.86 chs., which, to maintain original proportion bet. cor. intervals gives a dist. of 40.43 chs. for Tp. bdy. on  $W\frac{1}{2}$  bet. secs. 3 and 34, and on  $E\frac{1}{2}$  bet. secs. 4 and 33.

4.

Chains

From  $\frac{1}{4}$  sec. cor. of secs. 4 and 33,  
West, on random line, bet. secs. 4 and 33 ( $W.\frac{1}{2}$ ).

40.30

A point 10 lks. N. of accepted cor. of secs. 4, 5, 32 and 33.

True course and dist. of Tp. bdy. on  $W.\frac{1}{2}$  bet. secs. 4 and 33 are therefore, S.  $89^{\circ}51'W.$ , 40.30 chs.

From cor. of secs. 4, 5, 32 and 33.

West, on random line, bet. secs. 5 and 32.

40.00

Find no trace of original  $\frac{1}{4}$  sec. cor.  
Set temp. cor. and continue line and measurement.

80.10

A point 19 lks. S. of original cor. of secs, 5, 6, 31 and 32.

True course and dist. of Tp. bdy. bet. secs. 5 and 32 are therefore, N.  $89^{\circ}52'W.$ , 80.10 chs.

From the cor. of secs. 5, 6, 31 and 32.

West, on random line, bet. secs. 6 and 31.

40.00

Find no trace of original  $\frac{1}{4}$  sec. cor.  
Set temp. cor. and continue line and measurement.

80.17

A point 35 lks. N. of the cor. of Ts. 15 and 16 N., Rs. 3 and 4 E.

True course and dist. of Tp. bdy. bet. secs. 6 and 31 are therefore S.  $89^{\circ}45'W.$ , 80.17 chs., which, to maintain original proportion bet. corner intervals, gives a dist. of 40.85 chs. for the  $E.\frac{1}{2}$ , and 39.32 chs. for the  $W.\frac{1}{2}$ , bet. secs. 6 and 31.

#### RESURVEY.

The cor. of secs. 1, 2, 35 and 36, reestablished in 1916 is an iron post, .3 ins. in diam., projecting 9 ins. above ground, firmly set, properly marked on brass cap and witnessed by a mound of stone W. No bearing trees.

thence,

S.  $89^{\circ}53'W.$ , on true line, bet. secs. 2 and 35.

Over nearly level land, draining W. thru scattering undergrowth, nearly parallel to barbed wire fence, about 50 lks. S. of line, and old road about 50 lks. N.

40.11

(Midpoint) set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 35}{S 2}$$

1938

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

Resurvey: Part of South boundary: Frac. T. 16 N., R. 4 E.

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5.

Chains	Continue over nearly level land, descending gradually over W. slope.										
43.24	Fence cor., bears S. 61 lks. dist., from which barbed wire fences extend S. $57\frac{3}{4}^{\circ}$ W. and N. $89\frac{3}{4}^{\circ}$ E.										
48.40	Wash, 8 lks. wide, 7 ft. deep, course SW.										
54.12	County road (Cornville to Sedona) bears N. $41^{\circ}$ E. and S. $41^{\circ}$ W. At 120 lks. NE. from this point the road forks, N. $42\frac{1}{2}^{\circ}$ W. and N. $41^{\circ}$ E.										
57.20	Dim road, bears NW. and SE.										
61.60	Shallow wash, 8 lks. wide, course S., from N. $15^{\circ}$ E.; enter gently rolling land; desc. gradually over SW. slope.										
75.95	Dim road, bears NE. and SW.										
80.22	Intersect the original cor. of secs. 2, 3, 34 and 35, which is a malpais stone, 12x8x6 ins. above ground, firmly set in ground and mound of stone, marked with 2 grooves on E. face and 4 grooves on W. face.  Remove the old corner stone and in same place, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in ground to bedrock, with old stone reset alongside, for cor. of secs. 2, 3, 34 and 35, with brass cap marked  <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T16N</td> <td>R4E</td> </tr> <tr> <td>S34</td> <td>S35</td> </tr> <tr> <td>S3</td> <td>S2</td> </tr> <tr> <td colspan="2" style="text-align: center;">T15N</td> </tr> <tr> <td colspan="2" style="text-align: center;">1938</td> </tr> </table> <p style="text-align: center;">Raise a mound of stone, 3 ft. base, 2 ft. high, w. of cor.</p> <p>Land, nearly level and gently rolling. Soil, sandy and gravelly loam, 2nd and 3rd rates. Timber, none. Undergrowth, sage and cacti.</p>	T16N	R4E	S34	S35	S3	S2	T15N		1938	
T16N	R4E										
S34	S35										
S3	S2										
T15N											
1938											
	N. $89^{\circ} 46'$ W., on true line, bet. secs. 3 and 34 ( $E.\frac{1}{2}$ )  Over gently rolling land, thru scattering undergrowth. Desc. 58 ft. over W. slope.										
0.40	Fence cor. bears S. 2 lks. dist., from which barbed wire fences extend W. and S.										
1.68	Irrigation ditch, 9 lks. wide, $2\frac{1}{2}$ ft. deep, course S. $10^{\circ}$ W.										
1.74	Barbed wire fence, bears N. $10^{\circ}$ E. and S. $10^{\circ}$ W. joining E. and W. fence 2 lks. S. $10^{\circ}$ W. from this point.										
13.46	Desc. 44 ft. over SW. slope to creek.										
13.94	Barbed wire fence, bears N. $60^{\circ}$ W. and S. $60^{\circ}$ E.										
15.72	Irrigation ditch, course S. from NW.										
16.80	Creek, containing a stream of running water, 8 lks. wide, 4 ins. deep, course N. $65^{\circ}$ W. Asc. 14 ft. over N. slope.										

Resurvey: Part of South boundary: Frac. T. 16 N., R. 4 E.

6.

Chains	
18.53	Desc. 22 ft. over NW. slope.
19.32	Same creek, course SW.; asc. 22 ft. over SE. slope to
20.00	top of bank, bears NE. and SW. Thence over nearly level land.
20.30	Barbed wire fence, bears NE. and SW.; enter cultivated field. Fence turns to E. at 2.50 chs. NE. from this point.
26.10	Leave cultivated field, bears NW. and SE.
26.43	Desc. 16 ft. over SW. slope to
27.40	Left edge of bed of Oak Creek bears NW. and SE.; thence across gravelly creek bed.
30.00	Stream of running water, 25 lks. wide, 12 ins. deep, course S. 75° E.; continue across creek bed.
33.53	Right edge of bed of Oak Creek, bears NW. and SE.; leave creek bed; asc. 8 ft. over NE. slope.
33.55	Irrigation ditch, 12 lks. wide, 3 ft. deep, course SE. from diversion dam, NW. 2.40 chs. dist.
33.82	Barbed wire fence, bears NW. and SE., turning to N. 75°W. at 1.40 chs. NW. from this point.
33.94	Irrigation ditch, course SW.
34.60	Top of ascent, bears NW. and SE.; thence over nearly level land.
36.63	Barbed wire fence, bears N. and S.
40.10	Intersect a volcanic stone, 10x5x9 ins. above ground, firmly set and marked "¼" on S. face. Adjoining property owners testify that this stone is the recognized and accepted ¼ sec. cor. monument. According to the official record a wood post was set to monument this cor., but no trace of same can be found.

Reconstruct this cor. monument as follows:

Remove the stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 30 ins. in ground, with a glass bottle deposited at base and old stone reset alongside, for ¼ sec. cor. of secs. 3 and 34, with brass cap marked

$$\frac{1}{4} \frac{S \ 34}{S \ 3}$$

1938

from which

A mesquite, 5 ins. diam., bears N. 35¼° E., 436 lks. dist., marked ¼ S34 BT.

A mesquite, 4 ins. diam., bears S. 32½° W., 253 lks. dist., marked ¼ S3 BT.

This ¼ sec. cor. is alongside a fence cor. post, from which barbed wire fences extend W. and N.

NW. cor. of Paul Arnett's house, bears S. 28½° E., 550 lks. dist.

Resurvey: Part of South boundary: Frac. T. 16 N., R. 4 E.

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Chains	<p>SW. cor. of J. J. Humbert's house, bears N. 56° W. thence N. 89°44'W., on true line, bet. secs. 3 and 34 (W.½). Over nearly level land; along fence, cultivated field to N.; scattering timber to S.</p>
18.45	Fence cor., bears N. 5 lks. dist. from which barbed wire fences extend E., W. and N.
19.10	Barbed wire fence, bears N. and S.; fence cor. bears N. 5 lks. dist., from which fences extend E., W. and S. Desc. 15 ft. over W. slope to
20.35	Irrigation ditch, course S. at foot of descent bearing N. and S. Thence over nearly level land.
22.27	Barbed wire fence, bears N. 54° W. and S. 54° E., turning to S. at 100 lks. SE. of this point.
33.36	Barbed wire fence, bears NW. and SE.; enter scattering timber and undergrowth.
33.47	Irrigation ditch, 15 lks. wide, 4 ft. deep, course NW.
33.50	Desc. 6 ft. over SW. slope to
34.96	Right edge of bed of Oak Creek, bears NW. and SE.; thence across gravelly creek bed.
35.50	Stream of running water, 25 lks. wide, 12 ins. deep, course NW.; continue across creek bed.
40.43	(Proportional dist.) Point for reestablishment of the cor. of secs. 3, 4, 33 and 34, falls in bed of Oak Creek where it is impracticable to monument said cor., therefore establish witness cor., N. 89°44'W., 2.90 chs. dist.
	Land, gently rolling and nearly level, partly cultivated. Soil, sandy and gravelly loam, 1st and 2nd rates. Timber, mesquite, cottonwood, ash, willow and sycamore. Undergrowth, young timber and briars.
	From true point for reestablished cor. of secs. 3, 4, 33 and 34. N. 89°44'W., on true line, bet. secs. 4 and 33 (E.½). Over gravelly bed of Oak Creek, thru scattering timber and undergrowth.
2.00	Left edge of bed of Oak Creek, bears NW. and SE.; leave creek bed; asc. 16 ft. over NE. slope to
2.35	Top of left bank of Oak Creek, bears NW. and SE. Thence over nearly level land.
2.42	Irrigation ditch, 4 lks. wide, 2 ft. deep, course NW.
2.67	Barbed wire fence, bears NW. and SE.
2.90	Set an iron post, 3 ft. long, 2 ins. in diam., 30 ins. in ground, for witness cor. to reestablished cor. of secs. 3, 4, 33 and 34, with brass cap marked

Resurvey: Part of South boundary: Frac. T. 16 N., R. 4 E.

8.

Chains	
	<p style="text-align: center;">           T16N R4E            S33   S34 WC            S4   S3            T15N            1938         </p> <p style="text-align: right;">from which</p> <p>A willow, 14 ins. diam., bears N. <math>17\frac{3}{4}^{\circ}</math> E., 119 lks. dist., marked WC T16N R4E S33 BT.</p> <p>An ash, 18 ins. diam., bears S. <math>72\frac{3}{4}^{\circ}</math> E., 48 lks. dist., marked WC T15N R4E S4 BT.</p> <p>A mesquite, 4 ins. diam., bears S. <math>76\frac{3}{4}^{\circ}</math> W., 14 lks. dist., marked WC BT.</p> <p>A mesquite, 4 ins. diam., bears N. <math>19^{\circ}</math> W., 51 lks. dist., marked WC BT.</p>
3.67	SW. cor. of S.H. Dudley's house, bears S., 20 lks. dist.
4.27	Irrigation ditch, 3 lks. wide, 1 ft. deep, course N.
4.32	Barbed wire fence, bears N. and S.; enter cultivated field.
8.10	Irrigation ditch, $2\frac{1}{2}$ lks. wide, 6 ins. deep, course NE.
10.90	Fence corner, bears S. 33 lks. dist., from which barbed wire fences extend E., W. and N.
11.57	Fence corner, bears S. 34 lks. dist., from which barbed wire fences extend SW. and E.
11.77	Irrigation ditch 4 lks. wide, course SW. from 1.00 ch., thence S. $15^{\circ}$ E.; leave cultivated field.
13.50	A frame house, bears S., 8.00 chs. dist.
14.20	Barbed wire fence, bears N. $15^{\circ}$ E. and S. $15^{\circ}$ W.
15.00	Left edge of bed of Oak Creek, bears NE. and SE.; thence across sandy creek bed.
16.60	Stream of running water 40 lks. wide, 15 ins. deep, course S. $15^{\circ}$ E.; from N. $50^{\circ}$ E.; continue across sandy bed of Oak Creek.
19:00	Right edge of bed of Oak Creek, bears NE. and SE.; leave creek bed and enter mountainous land; asc. 188 ft. over NE. slope.
19.57	Irrigation ditch, 3 lks. wide, 6 ins. deep, course S. $15^{\circ}$ E.
34.00	Thence along N. slope to
38.17	Desc. 29 ft. over NW. slope.
40:03	Bottom of ravine, course NE.; asc. 5 ft. over E. slope to
40.43	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 4 and 33, which is a limestone, 12x12x8 ins. above ground, firmly set, marked $\frac{1}{4}$ on S. face and witnessed by the original bearing tree SW. There is no remaining evidence of the mound of stone of record as having been built alongside.
	Reconstruct this cor. monument as follows:

Resurvey: Part of South boundary: Frac. T. 16 N., R. 4 E.

BOOK 4188

9.

## Chains

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, with old stone reset alongside, for  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, with brass cap marked.

$$\frac{1}{4} \begin{array}{c} S 33 \\ S 4 \end{array}$$

1938

from which

the original bearing tree:

A juniper, 10 ins. diam., bears S. 18° W., 24 lks. dist., marked  $\frac{1}{4}$  S4 BT.

and establish an additional bearing tree:

A juniper, 12 ins. diam., bears N. 17 $\frac{1}{4}$ ° W., 129 lks. dist., marked  $\frac{1}{4}$  S33 BT.

Thence,

S. 89°51'W., on true line, bet. secs. 4 and 33 (W. $\frac{1}{2}$ ).

over rolling land, thru scattering timber and undergrowth.

Asc. 16 ft. over E. slope.

1.30 Point of spur, slopes S. 80° E.; asc. gradually over S. slope.

11.20 Head of draw, course SE.; asc. 40 ft. over SE. slope to

16.00 thence over gently rolling E. slope, ascending gradually to

40.30 Intersect the cor. of secs. 4, 5, 32 and 33, which is a sandstone, 18x10x4 ins. above ground, firmly set, marked with 4 grooves on E. face and 2 grooves on W. face, and witnessed by a mound of stone S. No bearing trees. The record of the original survey describes a wood post monumenting this cor., witnessed by pits, but as no trace of such a monument can be found, accept the stone as marking the original sec. cor.

Reconstruct this cor. monument as follows:

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, with the old corner stone reset alongside, for cor. of secs. 4, 5, 32 and 33, with brass cap marked

$$\begin{array}{c} T16N \quad R4E \\ \hline S32 \quad | \quad S33 \\ \hline S 5 \quad | \quad S 4 \\ T15N \end{array}$$

1938

No bearing trees available.

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

Land, nearly level, rolling, mountainous and gently rolling. Soil, sandy, gravelly and rocky, 1st to 4th rates. Timber, mesquite, cottonwood, ash, juniper and willow. Undergrowth, young timber and oakbrush.

## Chains

N. 89°52'W., on true line, bet. secs. 5 and 32.

Over gently rolling land, thru scattering timber and undergrowth.

Asc. 54 ft. over E. slope.

18.35 Low ridge, bears N. 10° W. and S.; forming drainage divide bet. Oak Creek and the Verde River; desc. 120 ft. over SW. slope.

39.60 Wash, 3 lks. wide, course SW.; asc. 2 ft. over SE. slope to

40.05 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 5 and 32 with brass cap marked

$$\frac{1}{4} \begin{array}{c} S 32 \\ S 5 \end{array}$$

1938

No bearing trees available.

Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of cor.

Asc. 25 ft. over SE. slope.

49.60 Spur, slopes S. 10° W.; desc. 120 ft. over W. slope to sec. cor.

65.75 Dim road, bears NE. and SW.

80.10 Intersect the original cor. of secs. 5, 6, 31 and 32, which is a limestone 12x9x14 ins. above ground, firmly set in ground and in a small mound of stone, marked with 5 grooves on E. face and 1 groove on W. face. No bearing trees.

Reconstruct this cor. monument as follows:

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground with the old corner stone reset alongside, for cor. of secs. 5, 6, 31 and 32, with brass cap marked

$$\begin{array}{cc} T16N & R4E \\ S31 & S32 \\ S 6 & S 5 \\ T15N & \end{array}$$

1938

No bearing trees available.

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

Land, gently rolling.

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

Timber, mesquite and juniper.

Undergrowth, greasewood, cacti, el jerito and catclaw.

Resurvey: Part of South boundary: Frac. T. 16 N., R. 4 E.

BOOK 4108

11

Chains

S. 89° 45' W., on true line, bet. secs. 6 and 31.

Over gently rolling land, thru scattering timber and undergrowth.

Desc. 178 ft. over W. slope.

38.20 Cut wash, 5 lks. wide, 5 ft. deep, course S. 10° W.; asc. gradually over SE. slope to

40.85 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground with a stone 4x4x3 ins. marked with a (+) and an old ash post 2 ins. diam., 2 ft. long, deposited at base, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, with brass cap marked

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

1938

from which

A mesquite, 3 ins. diam., bears S. 31 $\frac{1}{2}$ ° E., 251 lks. dist., marked BT only.

Dig pits 24x24x12 ins., one each E. and W. of post, 3 ft. dist.

Asc. gradually over SE. and S. slopes to

57.50 Desc. 75 ft. over SW. slope.

73.30 Cut wash, 40 lks. wide, 15 ft. deep, course S.; asc. gradually over SE. slope to

75.55 Cut wash, 10 lks. wide, 6 ft. deep, course SE. from N.; thence over S. slope to

80.17 Intersect the original cor. of Ts. 15 and 16 N., Rs. 3 and 4 E., which is a limestone, 8x6x10 ins. above ground, firmly set in ground and in mound of stone, marked with 6 grooves on each of N., S., E. and W. faces.

No bearing trees.

Reconstruct this corner monument as follows:

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in ground to bedrock with several pieces of glass deposited at base, and in a small mound of stone to top with old corner stone reset alongside, for cor. of Ts. 15 and 16 N., Rs. 3 and 4 E., with brass cap marked

$$\begin{array}{c} T16N \\ R3E \quad | \quad R4E \\ S36 \quad | \quad S31 \\ \hline S \ 1 \quad | \quad S \ 6 \\ T15N \end{array}$$

1938

No bearing trees available.

Raise a mound of stone, 4 $\frac{1}{2}$  ft. base, 3 ft. high, S. of cor.

Chains

Land, gently rolling.  
 Soil, sandy and gravelly, 2nd and 3rd rates.  
 Timber, juniper and mesquite.  
 Undergrowth, greasewood, cacti, oakbrush and catclaw.

Resurvey: Part of West boundary: Frac. T. 16 N., R. 4 E.

BOOK 4193

13

## Chains

The West boundary of Frac. T. 16 N., R. 4 E. was surveyed by C.B. Foster, U.S.D.S. in 1877, establishing common reference cors. thereon at 40 ch. intervals, counting from the south.

The portion of this Tp. bdy. bet. the N. halves of secs. 7 and 12 was resurveyed in 1907 by J.B. Wright, U.S.D.S., who reestablished the  $\frac{1}{4}$  sec. cor. of said secs., and established the closing cor. of Frac. Ts. 16 N., Rs. 3 and 4 E. on the 4th Standard Parallel North.

In 1916, W. H. Richards, Jr., U.S.S. retraced this Tp. bdy. bet. secs. 25 and 30, bet. the S. halves of secs. 19 and 24, and bet. the N. halves of secs. 7 and 12, and resurveyed the Tp. bdy. bet. secs. 13 and 18, bet. the N. halves of secs. 19 and 24, and bet. the S. halves of secs. 7 and 12.

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

The following notes describe a resurvey of the south  $2\frac{1}{2}$  miles of this Tp. bdy. reconstructing the existing corner monuments in their original positions, reestablishing missing cors. at intervals between existing cors. proportional to the record of the original survey, and monumenting all such reconstructed and reestablished cors. with regulation brass-capped iron posts, with original common reference.

Retracement for Resurvey.

From the cor. of Ts. 15 and 16 N., Rs. 3 and 4 E.

North, on random line, bet. secs. 31 and 36. ( $S.\frac{1}{2}$ )

40.43 A point 28 lks. E. of accepted  $\frac{1}{4}$  sec. cor.

True course and distance of  $S.\frac{1}{2}$  of line bet. secs. 31 and 36 are therefore N.  $0^{\circ}24'W.$ , 40.43 chs.

From  $\frac{1}{4}$  sec. cor.

North, on random line, bet. secs. 31 and 36 ( $N.\frac{1}{2}$ ).

40.10 Intersect the accepted cor. of secs. 25, 30, 31 and 36.

True course and distance of  $N.\frac{1}{2}$  of line bet. secs. 31 and 36 are therefore, North, 40.10 chs.

From the cor. of secs. 25, 30, 31 and 36,

North, on random line

40.00 Find no trace of original  $\frac{1}{4}$  sec. cor.  
Set temp. cor. and continue line and measurement.

80.00 Find no trace of original cor. of secs. 19, 24, 25 and 30.  
Set temp. cor. and continue line and measurement.

123.42 A point 58 lks. E. of the previously reconstructed  $\frac{1}{4}$  sec. cor. of secs. 19 and 24.

True course and distance Tp. bdy. from the cor. of secs. 25, 30, 31 and 36 to the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24 are therefore, N.  $0^{\circ}16'W.$ , 123.42 chs., which, to maintain record proportion between cor. intervals, gives

Resurvey: Part of West boundary: Frac. T. 16 N., R. 4 E.

14

Chains	three intervals of 41.14 chs. each for the reestablishment of the missing cors.
	<u>Resurvey.</u>
	From the cor. of Ts. 15 and 16 N., Rs. 3 and 4 E., hereinbefore described.
	N. 0° 24' W., on true line, bet. secs. 31 and 36. (S.½).
	Over gently rolling land, thru scattering timber and undergrowth.
	Asc. 50 ft. over S. slope to ¼ sec. cor.
15.55	Graded road, bears N. 20° E. and S. 20° W.
30.30	Arizona State Highway No. 79, bears NE. and SW.
40.43	Intersect accepted ¼ sec. cor. of secs. 31 and 36, which is a mound of stone. The record of the original survey describes this cor. monument as a limestone marked ¼ and witnessed by pits and mound of earth. As no trace of such a cor. monument can be found, accept the mound of stone as marking the original ¼ sec. cor. point.
	Reconstruct this corner monument as follows:
	Remove the mound of stone, and in center of its position, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground with two glass bottles and a piece of spring steel deposited at base, for ¼ sec. cor., with brass cap marked
	¼
	S36   S31
	1938
	No bearing trees available.
	Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.
	Thence
	North, on true line, bet. secs. 31 and 36 (N.½).
	Over gently rolling land thru scattering timber and undergrowth.
	Asc. about 50 ft. over S. slope to sec. cor.
3.40	Dim road, bears NW. and SE.
17.00	Same road, bears NE. and SW.
40.10	Intersect accepted cor. of secs. 25, 30, 31 and 36, which is a mound of disintegrated sandstone. The marked stone described in the record of the original survey is missing. The weathered condition of the mound and its relation to existing corners on the Tp. bdy. provide a satisfactory basis for its acceptance as marking the original sec. cor. point.
	Reconstruct this corner monument as follows:

Resurvey: Part of west boundary: Frac. T. 16 N., R. 4 E.

BOOK 4198

15

Chains

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground with several pieces of glass deposited at base, for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T16N	
R3E	R4E
S25	S30
S36	S31

1938

No bearing trees available.

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Land, gently rolling.

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

Timber, juniper and mesquite.

Undergrowth, greasewood, cacti and catclaw.

N. 0° 16' W., on true line, bet. secs. 25 and 30.

Over gently rolling land, thru scattering timber and undergrowth.

Asc. about 40 ft. over S. slope.

16.00 Dim road, bears N. 5° E. and S. 5° W.

26.10 Same road, bears NW. and SE.

33.40 Asc. about 10 ft. over SW. slope to

41.14 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground with several pieces of glass deposited at base, for reestablished ¼ sec. cor. with brass cap marked

¼

S25 | S30

1938

No bearing trees available.

Raise a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.

Asc. about 50 ft. over SW. slope to sec. cor.

68.00 Dim road, bears E. and W.

72.90 Dim road, bears E. and W.

80.10 Dim road, bears NE. and SW.

82.28 (Proportional dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground with a glass bottle deposited at base, for reestablished cor. of secs. 19, 24, 25 and 30, with brass cap marked

T16N	
R3E	R4E
S24	S19
S25	S30

1938

Resurvey: Part of West boundary: Frac. T. 16 N., R. 4 E.

16

Chains

No bearing trees available.

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

Land, gently rolling.

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

Timber, juniper.

Undergrowth, greasewood, scrub mesquite, catclaw and el jerito.

N. 0° 16' W., on true line, bet. secs. 19 and 24 (S.  $\frac{1}{2}$ ).

Over gently rolling land, thru scattering undergrowth.

Asc. about 65 ft. over SW. slope to  $\frac{1}{4}$  sec. cor.

21.35 Draw, course SW.

41.14 Intersect the  $\frac{1}{4}$  sec. cor. of secs. 19 and 24, reconstructed at accepted original point in 1916, which is an iron post, 1 in. in diam., projecting 8 ins. above ground, firmly set properly marked on brass cap and witnessed by pits N. and S. and mound of earth and stone W. No bearing trees.

Land, gently rolling.

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

Timber, none.

Undergrowth, greasewood, scrub mesquite, catclaw and cacti.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4193

17

Chains

The subdivision lines of Frac. T. 16 N., R. 4 E., bounding sec. 11, secs. 14 to 23 inclusive, secs. 26 to 35 inclusive, and W. half of line bet. secs. 25 and 36, were surveyed in 1877 by C.B. Foster, U.S.D.S.

In 1916 W. H. Richards, Jr., U.S.S. completed the survey of subdivision lines of this Tp., and retraced and resurveyed the lines of the Foster survey which were contiguous to the additionally surveyed secs. of the Tp., and also lines, bet. secs. 11 and 14, 22 and 23, 23 and 26, and E.  $\frac{1}{2}$  of line bet. secs. 14 and 23:

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

The following notes describe a resurvey of all of the subdivision lines of this Tp. not previously resurveyed. In this resurvey all existing corner monuments on the lines resurveyed, except the  $\frac{1}{4}$  sec. cor. of secs. 10 and 11, and cors. reconstructed in the previous resurvey, were reconstructed in their original positions; all missing cors. reestablished between existing cors. at intervals proportional to those of record in the original survey, and all such reconstructed and reestablished cors. are monumented with regulation brass-capped iron posts with original reference.

All of the resurveyed lines were first retraced by random lines on the record bearings in order to determine the true courses and distances, but such retracements have been omitted from the following notes, and only the resulting true courses and distances are herein recorded.

The remains of the original cor. of secs. 25, 26, 35 and 36, is a mound of stone and the cedar bearing tree SE. The marked corner stone is missing, but as the bearing and dist. from the mound to the bearing tree agrees with the official record accept the mound of stone as marking the original sec. cor. point.

Reconstruct this corner monument as follows:

Remove the mound of stone and in center of its position, set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in ground to bedrock, and in a mound of stone to top, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T16N	R4E
S26	S25
S35	S36

1938

from which

the original bearing tree:

A cedar, 12 ins. in diam., bears S. 51° E., 12 lks. dist., marking nearly obliterated. Re-mark same T16N R4E S36 BT.

No other bearing tree available.

Thence,

N. 0° 10' E., on true line, bet. secs. 25 and 26. (S.  $\frac{1}{2}$ ).

Over nearly level land on top of spur sloping SW., thru scattering timber and undergrowth.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

18

Chains	
0.10	Fence cor. from which old barbed wire fences extend W., S. and N. Thence along fence.
5.90	N. edge of top of spur, bears NE. and SW.; leave top of spur; enter mountainous land; desc. 147 ft. over steep N. slope.
12.05	County road (Sedona to Cornville) bears N. 86° W. and S. 86° E., turns to N. 50° E. at 1.40 chs. S. 86° E. and to S. 78° W. at 5.00 chs. N. 86° W., from this point.
12.50	Barbed wire fence parallel to road.
12.75	Irrigation ditch, 8 lks. wide, 3 ft. deep, course S. 80° W., at foot of descent. Leave mountainous and enter gently rolling land; desc. 21 ft. over gradual N. slope.
13.14	Irrigation ditch, 5 lks. wide, 1 ft. deep, course W.
13.58	Enter cultivated field and orchard, bears E. and W.
16.00	Leave field and orchard, bears E. and W.
16.10	Shed, bears W., 1.00 ch. dist.; J. F. Maneth's house, bears E., 5.00 chs. dist.
17.20	Barbed wire fence, bears W. and S. 70° E.
17.50	Left bank of Oak Creek, 5 ft. high, bears N. 86½° E. and S. 86½° W. Thence across Oak Creek.
18.00	Stream of water, 65 lks. wide, 18 ins. deep, course S. 86½° W.
18.50	Right bank of Oak Creek, 5 ft. high, bears N. 86½° E. and S. 86½° W. Leave Oak Creek. Asc. gradually over E. slope to
38.23	Right bank of Oak Creek, 7 ft. high, bears N. 81¼° W. and S. 81¼° E. Thence across Oak Creek.
38.73	Stream of water, 65 lks. wide, 18 ins. deep, course S. 81¼° E.
39.43	Left bank of Oak Creek, 7 ft. high, bears N. 81¼° W. and S. 81¼° E. Leave Oak Creek. Thence over nearly level land.
40.07	Barbed wire fence, bears E. and W.
40.40	Irrigation ditch, 8 lks. wide, 3 ft. deep, course E.
40.56	Intersect accepted ¼ sec. cor. of secs. 25 and 26, which is a malpais stone, 16x8x6 ins. marked "35 FT SOU", set flush with surface of ground on ditch bank and in a row of old fence posts bearing N. 60° W. and S. 60° E. Lindsey Lane and A.A. Pollay, adjoining land owners who have resided here for 27 and 8 years respectively, testified that this stone is recognized and accepted by them as the ¼ sec. cor. and was established by a local surveyor at the point where the original stone was set that was destroyed by flood about 20 years ago. Based upon their testimony and the fact that the course and distance to said stone from the cor. of secs. 25, 26, 35 and 36, agrees substantially with the official record of the 1916 retracement of the S. ½ of line bet. secs. 25 and 26, accept the said stone as marking the original cor. point.

## Chains

Reconstruct this corner monument as follows:

Remove the malapais stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, with old stone reset alongside, for  $\frac{1}{4}$  sec. cor. of secs. 25 and 26, with brass cap marked

$\frac{1}{4}$   
S26 | S25

1938

from which

A cottonwood stump, 48 ins. diam., unmarked, bears S.  $22\frac{1}{2}^{\circ}$  E., 59 lks. dist.

A willow, 14 ins. diam., bears S.  $23\frac{3}{4}^{\circ}$  W., 51 lks. dist., marked  $\frac{1}{4}$  S26 BT.

Thence

N.  $0^{\circ} 05'$  E., on true line, bet. secs. 25 and 26. (N.  $\frac{1}{2}$ )

Over gently rolling land across cultivated field; asc. 38 ft. over SW. slope.

- 5.04 Lindsey Lane's house, bears E., 2.30 chs. dist., and his garage bears E., 40 lks. dist.
- 7.24 Leave cultivated field.
- 7.74 Irrigation ditch, 3 lks. wide, 1 ft. deep, course E.
- 9.04 Barbed wire fence parallel to county road.
- 9.54 County road (Sedona to Cornville) bears N.  $81\frac{1}{4}^{\circ}$  W. and S.  $81\frac{1}{4}^{\circ}$  E.
- 9.70 Foot of steep, rocky slope, bears E. and W.; leave gently rolling and enter mountainous land; asc. 195 ft. over S. slope thru scattering timber and undergrowth.
- 16.62 Spur, slopes N.  $70^{\circ}$  W.; desc. 112 ft. over N. slope.
- 25.44 Wash, 10 lks. wide, course N.  $70^{\circ}$  W.; leave mountainous and enter rolling land; asc. 94 ft. over SW. slope to
- 40.12 Intersect the original cor. of secs. 23, 24, 25 and 26, which is lava stone, 26x23x10 ins. above ground, firmly set, marked with 2 grooves on S. face and 1 groove on E. face, and witnessed by a mound of stone N.

Reconstruct this corner monument as follows:

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, with old stone reset alongside, and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap marked

T16N    R4E  
S23 | S24  
S26 | S25

1938

from which

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

20

## Chains

A juniper, 12 ins. diam., bears N.  $41\frac{1}{2}^{\circ}$  E., 175 lks. dist., marked T16N R4E S24 BT.

A juniper, 6 ins. diam., bears S.  $63^{\circ}$  E., 130 lks. dist., marked T16N R4E S25 BT.

A juniper, 8 ins. diam., bears S.  $45^{\circ}$  W., 81 lks. dist., marked T16N R4E S26 BT.

A juniper, 8 ins. diam., bears N.  $42\frac{1}{2}^{\circ}$  W., 110 lks. dist., marked T16N R4E S23 BT.

Land, nearly level, gently rolling, mountainous and rolling.

Soil, sandy, gravelly and rocky, 1st to 4th rates.

Timber, juniper, mesquite and cottonwood and willow.

Undergrowth, young timber and greasewood.

From the original cor. of secs. 2, 3, 34 and 35, on S. bdy. of the Tp., reconstructed as hereinbefore described.

N.  $0^{\circ} 11'$  E., on true line, bet. secs. 34 and 35.

Over gently rolling land, thru scattering timber and undergrowth.

Desc. 33 ft. over NW. slope.

3.30 Irrigation ditch,  $4\frac{1}{2}$  lks. wide, 2 ft. deep, course S.  $30\frac{1}{2}^{\circ}$  W. from N.  $19^{\circ}$  E.

5.60 Irrigation ditch, 3 lks. wide, 1 ft. deep, course S.  $19^{\circ}$  W.

8.60 Fence corner from which barbed wire fences extend N.  $1^{\circ}$  W. and S.  $19\frac{1}{2}^{\circ}$  W., enclosing cultivated field to the W. Ascend 91 ft. over W. and SW. slopes to  $\frac{1}{4}$  sec. cor.

12.06 Fence cor., bears W., 8 lks. dist. from which barbed wire fences extend N.  $11^{\circ}$  W., N. and S.  $1^{\circ}$  E.

12.15 Irrigation ditch, 3 lks. wide, 1 ft. deep, course S.  $16\frac{1}{2}^{\circ}$  E.

12.90 Irrigation ditch,  $4\frac{1}{2}$  lks. wide, 2 ft. deep, course S.  $21\frac{1}{2}^{\circ}$  E.

20.30 Barbed wire fence; bears N.  $32^{\circ}$  E. and S.  $5^{\circ}$  W.

31.25 Improved road, bears N.  $34\frac{1}{2}^{\circ}$  W. and S.  $45\frac{1}{2}^{\circ}$  E.

37.64 A point 2.27 chs. W. from Oak Creek School, District No. 16, a two room building in fenced grounds  $\frac{1}{5}$  chs. square with a well and windmill in the NE. cor.

39.05 Improved road, bears E. and W.

40.01 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock with a stone  $2 \times 6 \times 8$  ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap marked

S34 | S35

1938

Resurvey: Part of Subdivision lines: frac. T. 16 N., R. 4 E.

BOOK 4132

21

## Chains

No bearing trees available.

Asc. 24 ft. over S. slope.

42.50 Improved road, bears N. 30° E. and S. 30° W.

52.69 Spur slopes S. 70° W.; desc. 62 ft. over NW. slope.

58.40 Wash, 10 lks. wide, course N. 80° W.; asc. 59 ft. over SW. slope.

65.60 spur, slopes W.; desc. 85 ft. over NW. slope to W.C.

66.58 House, bears N. 53½° W., 9.07 chs. dist.

78.10 Road, bears N. 60° W. and S. 60° E., extending to Muldner's house, NW. 3.00 chs. dist.

79.82 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock with a stone 6x6x3 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for witness cor. to reestablished cor. of secs. 26, 27, 34 and 35, with brass cap marked

W C	
T16N	R4E
S27	S26
S34	S35

1938

No bearing trees available.

79.87 Top of steep bank of Oak Creek, bears E. and W. turning to S. at 50 lks. W. of this point; desc. 10 ft. over N. slope to

80.02 Point for reestablishment of the cor. of secs. 26, 27, 34 and 35, determined by double proportion between original corners 1 mile westerly and southerly and ½ mile northerly and easterly is on steep N. slope of bank of Oak Creek where it is impracticable to monument the cor., therefore establish witness cor. 20 lks. S. 0°11'W.

Land, rolling.

Soil, sandy and rocky, 2nd, 3rd and 4th rates.

Timber, juniper and mesquite.

Undergrowth, oakbrush, el jerito and catclaw.

From the cor. of secs. 25, 26, 35 and 36.

S. 89° 13' W., on true line, bet. secs. 26 and 35 (E.½).

Over nearly level top of spur, sloping SW., thru scattering timber and undergrowth.

Desc. 12 ft. over W. slope to

7.61 N. edge of top of spur bears NE. and S. Leave top of spur, enter mountainous land; desc. 120 ft. over steep W. slope to

12.06 Foot of steep slope, bears NE. and SW.; leave mountainous and enter gently rolling land; desc. 20 ft. over gradual W. slope.

12.36 County road (Sedona to Cornville) bears N. 12¼° E. and S. 12¼° W.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

22

Chains	
12.66	Barbed wire fence, parallel to county road.
14.06	Irrigation ditch, $7\frac{1}{2}$ lks. wide, 2 ft. deep, course S.
19.06	Barbed wire fence; bears N. and S. Fence cor. bears S. 30 lks. dist., from which fences extend E., W. and N. Thence across pasture.
25.37	Barbed wire fence, bears N. and S.; fence cor. bears S. 20 lks. dist. from which fences extend N., S. and E. Leave pasture.
27.53	Left edge of bed of Oak Creek, bears N. $30^\circ$ W. and S. $30^\circ$ E.; thence across creek bed.
28.50	Stream of running water, 40 lks. wide, 12 ins. deep; course S. $30^\circ$ E., continue across creek bed.
29.63	Right edge of bed of Oak Creek; bears N. $30^\circ$ W. and S. $30^\circ$ E.; leave creek bed; enter gently rolling land. Asc. 34 ft. over SE. slope to $\frac{1}{4}$ sec. cor.
30.32	Barbed wire fence, bears N. $30^\circ$ W. and S. $30^\circ$ E.
30.56	Winding road bears NW, and SE.; extends SE. to Shipley ranch about 15 chs. dist.
30.66	Fence cor. on line, from which barbed wire fences extend S. and W.; thence along fence.
34.33	Fence cor. on line, from which barbed wire fences extend E., S. and S. $80^\circ$ W.
35.46	Marks' house on line.
39.71	Barbed wire fence, bears N. and S. Fence cor. bears S. 50 lks. dist., from which fences extend N., N. $80^\circ$ E. and S. $80^\circ$ W.
39.96	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 26 and 35, which is a malpais stone 16x12x6 ins. marked $\frac{1}{4}$ on S. face, loosely set in a mound of stone.
	Reconstruct this corner monument as follows:
	Destroy the mound of stone, and in center of its position, set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with the old corner stone reset alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{S\ 26}{S\ 35}$
	1938
	No bearing trees available.
	N. $89^\circ 28'$ W., on true line; bet. secs. 26 and 35. (W. $\frac{1}{2}$ ).
	Over gently rolling land, thru scattering timber and undergrowth.
	Asc. 12 ft. over SE. slope.
4.85	Spar, slopes S.; desc. 60 ft. over SW. slope to
19.98	Right edge of bed of Oak Creek, bears N. $60^\circ$ W. and S. $60^\circ$ E.; thence across creek bed.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4193

23

Chains	
20.75	Stream of running water, 60 lks. wide, 3 ft. deep, course N. 60° W.
21.55	Left edge of bed of Oak Creek, bears N. 60° W. and S. 60° E.; leave creek bed. Asc. 70 ft. over NE. slope to
37.94	Irrigation ditch, 7½ lks. wide, 2 ft. deep, course N. 80° W. Desc. slightly along steep N. slope to
40.00	True point for reestablished cor. of secs. 26, 27, 34 and 35 (W.C. 0.20 chs. S. 0°11'W.)
	Land, nearly level, mountainous and gently rolling. Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates. Timber, juniper, mesquite and cottonwood. Undergrowth, greasewood.
	From true point for reestablished cor. of secs. 26, 27, 34 and 35.
	N. 0° 38' W., on true line, bet. secs. 26 and 27 (S.½).
	Over mountainous land, thru scattering timber and undergrowth.
	Desc. 71 ft. over steep N. slope to Oak Creek.
0.38	Irrigation ditch, 7½ lks. wide, 2 ft. deep, course N. 80° W., 90 lks. to check gate on take-off ditch, thence southerly.
1.78	Left edge of bed of Oak Creek, bears E. and W.; thence across creek bed.
2.40	Stream of running water, 80 lks. wide, 5 ft. deep, course W.
3.02	Right edge of bed of Oak Creek bears E. and W.; leave creek bed; asc. 135 ft. over steep S. slope to
8.47	Top of bank of Oak Creek, bears E. and W.; leave mountainous and enter rolling land. Asc. 70 ft. over SE. slope.
14.60	Dim road, bears N. 65° E. and S. 65° W.
16.40	Desc. 12 ft. over NE. slope.
28.60	Wash, 10 lks. wide, course SE.; asc. 63 ft. over SE. slope.
36.35	Asc. gradually over E. slope to ¼ sec. cor.
38.80	Improved road, bears N.60° E. and S. 80° W.
40.01	Intersect original ¼ sec. cor. of secs. 26 and 27, which is a volcanic stone, 12x14x8 ins. above ground, firmly set, showing faint but illegible marking on W. face. Small mound of stone W.
	Reconstruct this cor. monument as follows:
	Remove the old corner stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in ground to bedrock; with the old stone reset alongside, and in a small mound of stone to top, for ¼ sec. cor., with brass cap marked

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

24

Chains

 $\frac{1}{4}$ 

S27 | S26

1938

No bearing trees available.

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

Thence

N. 1° 07' W., on true line, bet. secs. 26 and 27. (N.  $\frac{1}{2}$ ).

Over gently rolling land, thru scattering timber and undergrowth.

Asc. gradually over E. slope to

6.01 Draw, course S. 70° E., near head; asc. 20 ft. over S. slope.

17.18 Spur, slopes SE.; enter mountainous land; desc. 121 ft. over NE. slope.

24.80 Wash, 10 lks. wide, course SE.; asc. 170 ft. over SE. slope to

38.73 Intersect the original cor. of secs. 22, 23, 26 and 27, which is a limestone 10x10x5 ins. above ground, firmly set, marked with 2 grooves on each of E. and S. faces. Stump of original bearing tree NE. and small mound of stone N.

Reconstruct this cor. monument as follows:

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, with old stone reset alongside, for cor. of secs. 22, 23, 26 and 27, with brass cap marked

T16N	R4E
S22	S23
S27	S26

1938

from which

remains of original bearing tree:

A juniper stump, bears N. 49° E., 45 lks. dist., illegibly marked.

new bearing trees:

A juniper, 6 ins. diam., bears N. 14 $\frac{1}{2}$ ° E., 155 lks. dist., marked T16N R4E S23 BT.A juniper, 5 ins. diam., bears S. 44 $\frac{1}{2}$ ° E., 113 lks. dist., marked T16N R4E S26 BT.

A juniper, 5 ins. diam., bears N. 73° W., 151 lks. dist., marked T16N R4E S22 BT.

No other bearing tree available.

Land, mountainous and rolling.

Soil, rocky, 4th rate.

Timber, juniper and mesquite.

Undergrowth, greasewood.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

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25

Chains

- From the cor. of secs. 23, 24, 25 and 26.  
 N. 89° 46' W., on true line, bet. secs. 23 and 26 (E.  $\frac{1}{2}$ ).  
 Over rolling land, thru scattering timber and undergrowth.  
 Desc. 30 ft. over SW. slope to
- 3.19 Draw, course SW.; desc. 158 ft. over SW. slope.
- 14.19 County road (Sedona to Cornville) bears N. 7 $\frac{1}{4}$ ° E. and  
 S. 7 $\frac{1}{4}$ ° W.
- 14.79 Irrigation ditch, 4 $\frac{1}{2}$  lks. wide, 2 ft. deep, course S.
- 14.83 Barbed wire fence parallel to county road.
- 15.71 Irrigation ditch, 3 lks. wide, 1 ft. deep, course S..
- 16.05 Barbed wire fence, bears N. and S.
- 16.37 Private road to Fish Hatchery, bears N. and S.
- 16.60 Enter nearly level land, descending gradually over W.  
 slope to Oak Creek.
- 16.67 Office building of Arizona State Fish Hatchery, bears N.,  
 5.00 chs. dist.
- 22.19 Barbed wire fence, bears N. 30° E. and S. 30° W.
- 22.49 Left edge of bed of Oak Creek, bears N. 15° E. and S. 30°  
 W.; thence across creek bed.
- 23.04 Stream of running water, 60 lks. wide, 2 ft. deep, course  
 S. 29° W., from N. 4° E.
- 23.59 Right edge of bed of Oak Creek, bears N. 15° E. and S. 15°  
 W.; leave creek bed.
- 24.29 Irrigation ditch, 6 lks. wide, 1 ft. deep, course S.
- 27.00 Barbed wire fence, bears N. 20° E. and S. 20° W.; enter  
 orchard.
- 30.89 Barbed wire fence, bears N. 20° E. and S. 20° W.; leave  
 orchard.
- 31.10 Leave nearly level and enter rolling land; asc. 92 ft.  
 over E. slope to  $\frac{1}{4}$  sec. cor.
- 31.19 Irrigation ditch, 3 lks. wide, 2 ft. deep, course S.
- 40.09 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 23 and 26,  
 which is malapais stone 18x12x8 ins. marked  $\frac{1}{4}$  on N. face,  
 firmly set in a mound of stone alongside a fence cor.  
 from which barbed wire fences extend N. 85° W. and S.
- Reconstruct this cor. monument as follows:
- Remove the marked stone from mound, destroy mound and in  
 center of its position, set an iron post, 3 ft. long,  
 1 in. in diam., 12 ins. in the ground to bedrock, with  
 the old corner stone reset alongside, and in a mound of  
 stone to top, for  $\frac{1}{4}$  sec. cor. of secs. 23 and 26, with  
 brass cap marked

$\frac{1}{4}$   $\frac{S \cdot 23}{S \ 26}$

1938

Resurvey; Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

26

Chains	
	No bearing trees available.
	Thence
	S. $86^{\circ} 53'$ W., on true line, bet. secs. 23 and 26. ( $W. \frac{1}{2}$ ).
	Over rolling land, thru scattering timber and undergrowth.
	Asc. 32 ft. over gradual S. slope to
16.43	Foot of spur, bears N. and S.; leave rolling and enter mountainous land; asc. 140 ft. over steep broken E. slope to
22.78	E. edge of top of spur, bears N. and S.; thence across nearly level top of spur, sloping S.; asc. 12 ft. to
29.47	W. edge of top of spur, bears N. and S.; desc. 59 ft. over W. slope.
33.21	Bottom of rocky ravine, course S. from NW. near head; asc. 71 ft. over SE. slope to
41.27	The original cor. of secs. 22, 23, 26 and 27.
	Land, rolling, nearly level, broken and mountainous. Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates. Timber, juniper, mesquite and cottonwood. Undergrowth, greasewood.
	N. $0^{\circ} 51'$ E., on true line, bet. secs. 22 and 23 ( $S. \frac{1}{2}$ ).
	Over mountainous land, thru scattering timber and undergrowth.
	Asc. 142 ft. over steep rocky SE. slope.
8.10	Top of limestone bluff and rim of mesa, bears N. $35^{\circ}$ E. and S. $30^{\circ}$ W.; thence over rolling land and top of mesa. Asc. 40 ft. over SE. slope.
20.26	Desc. 18 ft. over NE. slope to
32.00	Top of limestone bluff and rim of same mesa, bears N. $75^{\circ}$ W. and S. $75^{\circ}$ E., leave mesa; desc. 165 ft. over NE. slope to
40.42	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 22 and 23, which is a limestone $10 \times 8 \times 6$ ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face and witnessed by a mound of stone W.
	Reconstruct this cor. monument as follows:
	Remove the old corner stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in ground, with the old corner stone reset alongside, for $\frac{1}{4}$ sec. cor. of secs. 22 and 23, with brass cap marked
	$\frac{1}{4}$
	S22   S23
	1938
	from which
	A juniper, 4 ins. diam., bears S. $12\frac{1}{4}^{\circ}$ E., 121 lks. dist., marked $\frac{1}{4}$ S23 BT.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4198

27

## Chains

A juniper, 6 ins. diam., bears S.  $52\frac{1}{4}^{\circ}$  W., 169 lks. dist., marked  $\frac{1}{4}$  S22 BT.

This cor. is 50 lks. E. of a saddle bet. slope from mesa and a spur from NW.

Thence

N.  $2^{\circ} 21'$  E., on true line, bet. secs. 22 and 23 (N.  $\frac{1}{2}$ ).

Over mountainous land, thru scattering timber and undergrowth.

Asc. 26 ft. over SE. slope.

- 7.50 Spur, slopes E.; desc. 92 ft. over NE. slope to
- 11.20 Wash, 5 lks. wide, course N.  $70^{\circ}$  E.; leave mountainous and enter rolling land; desc. 130 ft. over gradual NE. and E. slopes to sec. cor.
- 31.30 County road (Sedona to Cornville) bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.
- 34.18 Barbed wire fence, bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.; enter small pasture.
- 35.89 Barbed wire fence, bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E.; leave pasture; enter cultivated field.
- 41.17 Point for reestablishment of the cor. of secs. 14, 15, 22 and 23, determined by double proportion between original corners 1 mile westerly and northerly and  $\frac{1}{2}$  mile easterly and southerly; set an iron post, 3 ft. long, 2 ins. in diam., 48 ins. in the ground, capped by a stone  $2 \times 8 \times 8$  ins., for reestablished cor. of secs. 14, 15, 22 and 23, with brass cap marked.

T16N	R4E
S15	S14
S22	S23

1938

from which

A hickory, 12 ins. diam., bears N.  $67\frac{1}{2}^{\circ}$  E., 296 lks. dist., marked T16N R4E S14 BT.

A cottonwood fork, 16 ins. diam., bears S.  $59^{\circ}$  E., 547 lks. dist., marked T16N R4E S23 BT.

A juniper, 12 ins. diam., bears S.  $86\frac{1}{4}^{\circ}$  W., 122 lks. dist., marked T16N R4E S22 BT.

A walnut, 12 ins. diam., bears N.  $33\frac{3}{4}^{\circ}$  W., 313 lks. dist., marked S15 BT.

An iron pipe set by Etter, a local surveyor, for sec. cor., bears S.  $63^{\circ}$  W., 206 lks. dist.

A fence cor., bears S.  $65^{\circ}$  W., 208 lks. dist., from which barbed wire fences extend S., N.  $10^{\circ}$  W. and N.  $70^{\circ}$  W.

Land, mountainous and rolling.  
Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates.  
Timber, juniper and mesquite.  
Undergrowth, greasewood and sangre de cristo.

## Chains

The original  $\frac{1}{4}$  sec. cor. of secs. 14 and 23, is a lava stone, .10x8x6 ins. above ground, firmly set, marked  $\frac{1}{4}$  on N. face, and witnessed by a mound of stone N.

Reconstruct this cor. monument as follows:

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with the old stone reset alongside, for  $\frac{1}{4}$  sec. cor. of secs. 14 and 23, with brass cap marked

$$\frac{1}{4} \frac{S. 14}{S. 23}$$

1938

No bearing trees available.

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

Thence,

S. 89° 59' W., on true line, bet. secs. 14 and 23. (W.  $\frac{1}{2}$ ).

Over rolling land, thru scattering timber and undergrowth.

Desc. 32 ft. over SW. slope.

4.12 Draw, course S.; asc. 60 ft. over E. slope.

12.49 Spur, slopes S. 30° E.; dim road on top of same; enter mountainous land; desc. 145 ft. over steep SW. slope to Oak Creek.

16.39 Barbed wire fence, bears N. 30° W. and S. 30° E.

19.23 Irrigation ditch, 3 lks. wide, 1 ft. deep, course S. 60° E.

20.89 Oak Creek, containing a stream of running water, 40 lks. wide, 4 ft. deep, course S. 60° E. Leave mountainous and enter gently rolling land; asc. 19 ft. over NE. slope.

29.39 Barbed wire fence, bears N. 20° W. and S. 20° E.; enter old field. Desc. 5 ft. over SW. slope.

32.59 Stream of running water  $4\frac{1}{2}$  lks. wide, 1 ft. deep, course S. from a large spring about 3.50 chs. N. known as Fry's Spring. Leave old field, Asc. 35 ft. over E. slope to sec. cor.

34.67 Barbed wire fence, bears N. and S.; enter cultivated field.

39.19 The reestablished cor. of secs. 14, 15, 22 and 23.

Land, rolling and mountainous.  
Soil, sandy and rocky, 2nd and 3rd rates.  
Timber, cottonwood, mesquite and juniper.  
Undergrowth, greasewood and catclaw.

N. 7° 36' E., on true line, bet. secs. 14 and 15.

Over gently rolling land along gradual E. slope, across cultivated field.

1.55 Barbed wire fence, bears E. and W.; leave field; enter garden plot.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4198

29

Chains	
3.13	Barbed wire fence, bears N. 70° W. and S. 70° E.; leave garden plot.
3.54	Lane, bears N. 70° W. and S. 70° E.
3.95	Barbed wire fence, bears N. 70° W. and S. 70° E., enter cultivated field.
7.75	SE. cor, of R. E. Fry's house, bears W., 2.46 chs. dist.
10.24	Leave cultivated field, bears NW. and SE.; enter dense mesquite undergrowth.
14.42	SE. cor. of corral, 1 ch. x 2 chs., bears W., 2 lks. dist.
14.85	SE. cor. of old field, 4x7½ chs., bears W., 3.65 chs. dist.
15.61	SE. cor. of barn, bears W., 45 lks. dist.
19.94	Sixteenth sec. cor. set by a local surveyor, which is an iron pipe, bears W., 4.27 chs. dist.
22.10	Barbed wire fence, bears E. and W.; leave dense mesquite undergrowth. Leave gently rolling and enter mountainous land. Desc. 20 ft. over N. slope.
23.10	Draw, course E.; a seep spring in bottom of same, bears W., 2 chs. dist. Old abandoned road bears E. and W. Asc. 173 ft. over rocky S. slope.
31.80	Top of limestone bluff and S. edge of top of hill, bears E. and W.; thence across nearly level top of hill.
37.25	N. edge of top of hill, bears NW. and SE.; leave top of hill; desc. 40 ft. over NE. slope to
41.54	(Proportional dist.) 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 reestablished ¼ sec. cor. of secs. 14 and 15, with brass cap marked
	¼
	S15   S14
	1938
	from which
	A juniper, 12 ins. diam., bears N. 8½° E., 32 lks. dist., marked ¼ S14 BT.
	A juniper, 8 ins. diam., bears N. 62° W., 42 lks. dist., marked ¼ S15 BT.
	Desc. 147 ft. over NE. slope.
54.50	Draw, course S. 30° E.; asc. 40 ft. over SW. slope to
59.90	Same draw, course S. 30° W.; near head; asc. 72 ft. over SW. slope.
66.20	Ridge, bears NW. and SE.; desc. 80 ft. over NE. slope.
68.24	Dim road, bears NW. and SE.
79.44	Cut wash, course E.; asc. 15 ft. over S. slope.
80.62	Barbed wire fence, bears N. 88° E. and S. 88° W.

## Chains

- 81.17 Spur, slopes E.; desc. 25 ft. over N. slope to
- 83.07 Intersect original cor. of secs. 10, 11, 14 and 15, which is a sandstone 4x12x20 ins., firmly set in a mound of stone, marked with 4 grooves on S. face and 2 grooves on E. face..
- Reconstruct this cor. monument as follows:
- Remove the corner stone, scatter the mound, and in center of its position set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with the old stone reset alongside, for cor. of secs. 10, 11, 14 and 15, with brass cap marked
- |      |     |
|------|-----|
| T16N | R4E |
| S10  | S11 |
| S15  | S14 |
- 1938
- from which
- A juniper, 6 ins. diam., bears N.  $59\frac{1}{2}^{\circ}$  E., 53 lks. dist., marked T16N R4E S11 BT.
- A juniper, 24 ins. diam., bears S.  $81^{\circ}$  E., 264 lks. dist., marked T16N R4E S14 BT.
- A juniper, 8 ins. diam., bears S.  $11\frac{1}{2}^{\circ}$  W., 95 lks. dist., marked T16N R4E S15 BT.
- A juniper, 6 ins. diam., bears N.  $53\frac{3}{4}^{\circ}$  W., 28 lks. dist., marked T16N R4E S10 BT.
- Land, gently rolling, mountainous and rolling.  
Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates.  
Timber, juniper, mesquite and cottonwood.  
Undergrowth, scrub mesquite and greasewood.
- 
- N.  $7^{\circ} 03'$  W., on true line, bet. secs. 10 and 11 (S.  $\frac{1}{2}$ ).
- over mountainous land, thru scattering timber and undergrowth. Desc. 115 ft. over N. slope.
- 6.52 Wash, course E.; leave mountainous and enter gently rolling and nearly level land, ascending gradually.
- 7.07 Barbed wire fence, bears E. and W.
- 17.92 House bears E. 11 chs. dist.
- 18.52 Barbed wire fence bears N.  $40^{\circ}$  E. and S.  $40^{\circ}$  W.
- 18.92 Same wash, course S.  $30^{\circ}$  W.; asc. 10 ft. over SE. slope.
- 20.82 Road, bears E. and W.
- 22.32 Same wash, course SE.; enter rolling land; asc. 75 ft. over SE. slope to
- 40.01 Intersect the original  $\frac{1}{4}$  sec. cor. of secs. 10 and 11 which is a lava stone 20x14x5 ins. above ground, marked  $\frac{1}{4}$  on W. face, firmly set, and witnessed by mound of stone W. and the original bearing tree.
- A juniper, 12 ins. diam., bears S.  $14^{\circ}$  W., 159 lks. dist., marked  $\frac{1}{4}$  S10 BT.
- establish an additional bearing tree:

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

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31

## Chains

A juniper, 18 ins. diam., bears S.  $33\frac{1}{2}^{\circ}$  E., 158 lks. dist., marked  $\frac{1}{4}$  S11 Bl.

As the existing corner monument is a substantial stone which offers a permanent marker for this  $\frac{1}{4}$  sec. cor., do not reconstruct the corner monument.

Land, mountainous, gently rolling, nearly level and rolling.

Soil, gravelly and rocky, 3rd and 4th rates.

Timber, juniper and mesquite.

Undergrowth, scrub mesquite, greasewood, catclaw and cacti.

From the true point for reestablished cor. of secs. 3, 4, 33 and 34, on S. bdy. of the Tp. hereinbefore described.

N. 0° 21' E., on true line, bet. secs. 33 and 34 (S.  $\frac{1}{2}$ ).

Over nearly level, gravelly, bed of Oak Creek, thru scattering timber and undergrowth.

7.85 Stream of running water, 40 lks. wide, 12 ins. deep, course W. from SE.

8.15 Foot of right bank of Oak Creek, bears W. and SE.; leave creek bed; asc. 12 ft. over S. slope to

8.60 Top of right bank of Oak Creek, bears W. and SE.; thence over nearly level cultivated land.

8.85 Irrigation ditch, 15 lks. wide, 3 ft. deep, course W.

17.60 N. edge of bottom land, bears E. and W., leave nearly level, cultivated land and enter mountainous land. Asc. 173 ft. over S. slope to spur.

17.80 Irrigation ditch, 9 lks. wide,  $1\frac{1}{2}$  ft. deep, course W.

19.00 Barbed wire fence, bears E. and W.

25.30 Irrigation ditch, 3 lks. wide, 1 ft. deep, course SE.

32.10 Spur, slopes SE.; Indian ruins, bear W., 1.50 chs. dist. Thence over rolling land; asc. gradually over E. slope.

33.10 Road, bears NW. and SE.

34.10 Barbed wire fence, bears N. and SE.; thence along fence.

35.29 Desc. 26 ft. over E. slope to

39.77 Intersect original  $\frac{1}{4}$  sec. cor. of secs. 33 and 34, which is a limestone 12x10x14 ins. above ground marked  $\frac{1}{4}$  on W. face, firmly set alongside fence cor. from which barbed wire fences extend E. and S.

Reconstruct this cor. monument as follows:

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with old stone reset alongside, for  $\frac{1}{4}$  sec. cor. of secs. 33 and 34, with brass cap marked

$\frac{1}{4}$   
S33 | S34

1938

from which

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

32

Chains	<p>A mesquite, 4 ins. diam., bears N. <math>75\frac{3}{4}^{\circ}</math> E., 76 lks. dist., marked <math>\frac{1}{4}</math> S34 BT.</p> <p>A mesquite, 3 ins. diam., bears N. <math>45^{\circ}</math> W., 117 lks. dist., marked BT only</p> <p>Thence</p> <p>N. <math>0^{\circ} 30'</math> E., on true line, bet. secs. 33 and 34 (N. <math>\frac{1}{2}</math>)</p> <p>Over rolling land, thru scattering timber and undergrowth.</p> <p>Asc. 60 ft. over E. slope.</p> <p>4.20 Dim road, bears N. <math>65^{\circ}</math> W. and SE.</p> <p>28.50 Desc. 73 ft. over NE. slope.</p> <p>36.30 Bottom of ravine, 4 lks. wide, course S. <math>70^{\circ}</math> E.; asc. 62 ft. over S. slope to sec. cor.</p> <p>36.90 Road, bears NW. and SE.</p> <p>40.02 Intersect the original cor. of secs. 27, 28, 33 and 34, which is a limestone, 9x5x6 ins. above ground, firmly set, marked with 1 groove on S. face and 3 grooves on E. face, and witnessed by a mound of stone W.</p> <p>Reconstruct this cor. monument as follows:</p> <p>Remove the old corner stone and in same place, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground with a glass bottle deposited at base, and the old corner stone reset alongside, for cor. of secs. 27, 28, 33 and 34, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T16N</td> <td>R4E</td> </tr> <tr> <td>S28</td> <td>S27</td> </tr> <tr> <td>S33</td> <td>S34</td> </tr> </table> <p style="text-align: center;">1938</p> <p>No bearing trees available.</p> <p>Rebuild the mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>This sec. cor. is alongside cor. of an old barbed wire fence bearing N. <math>86\frac{1}{2}^{\circ}</math> E. and S. <math>77\frac{1}{2}^{\circ}</math> W., terminating at E. side of road 3.20 chs. SW.</p> <p>Land, nearly level, rolling and mountainous. Soil, sandy, gravelly and rocky, 1st to 4th rates. Timber, mesquite, juniper and cottonwood. Undergrowth, greasewood, catclaw and vines.</p>	T16N	R4E	S28	S27	S33	S34
T16N	R4E						
S28	S27						
S33	S34						
	<p>From the true point for reestablished cor. of secs. 26, 27, 34 and 35.</p> <p>N. <math>89^{\circ} 55'</math> W., on true line, bet. secs. 27 and 34.</p> <p>Over mountainous land, along steep NW. slope of left bank of Oak Creek; desc. 12 ft. to</p> <p>1.52 Irrigation ditch, <math>7\frac{1}{2}</math> lks. wide, 2 ft. deep, course S.; headgate on take-off ditch, bears N. 50 lks. dist.</p> <p>2.42 Fence cor. bears N. 43 lks. dist. from which barbed wire</p>						

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

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33

Chains	
	fences extend N. 80° W., and S. 30° W., desc. 66 ft. over NW. slope to Oak Creek.
5.32	Irrigation ditch, 3 lks. wide, 1 ft. deep, course S. 20° E.
5.82	Barbed wire fence, bears N. 28° E. and S. 28° W. This fence turns to S. 80° E. at 48 lks. NE. of this point.
8.75	Left edge of bed of Oak Creek, bears N. 20° E. and S. 20° W.; thence across bed of creek.
9.12	Stream of water, 60 lks. wide, 4 ft. deep, course S. 20° W.
9.50	Right edge of bed of Oak Creek, bears N. 20° E. and S. 20° W.; leave creek bed; asc. 75 ft. over steep E. slope to
11.55	Top of right bank of Oak Creek, bears N. 20° E. and S. 20° W.; leave mountainous and enter gently rolling land. Asc. gradually over SE. slope.
22.17	Desc. 75 ft. over SW. slope to Spring Creek.
27.80	Barbed wire fence, bears N. and S. Fence cor. bears N. 96 lks. dist. from which fences extend N., S., E. and N. 68° W.
31.80	Irrigation ditch, 4½ lks. wide, 1 ft. deep, course S. 20° E.; a power turbine at head of power line, bears S. 20° E., 1.00 ch. dist.
32.16	Barbed wire fence, bears N. 80° W. and S. 20° E.; an abandoned house, bears N., 1.60 chs. dist.
33.60	Private power line, (2 wire) bears N. 80° W. and S. 80° E.
35.30	Barbed wire fence, bears N. and S.
36.20	Spring Creek, 50 lks. wide, containing a stream of running water, 20 lks. wide, 6 ins. deep, course S. 20° W.; asc. slightly over SE. slope to ¼ sec. cor.
38.30	Irrigation ditch, 3 lks. wide, 1 ft. deep, course N. 70° W.; enter orchard and farmyard.
40.16	(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 48 ins. in the ground, capped with a stone 2x8x8 ins. for reestablished ¼ sec. cor. of secs. 27 and 34, with brass cap marked $\frac{1}{4} \begin{array}{l} S 27 \\ S 34 \end{array}$ 1938 from which A hickory, 8 ins. diam., bears N. 25¾° E., 134 lks. dist., marked ¼ S27 BT. A cottonwood, 30 ins. diam., bears S. 72½° E., 291 lks. dist., marked ¼ S34 BT. Continue thru orchard and farmyard, over nearly level land.
47.92	NE. cor. of implement shed on line.
49.44	SW. cor. of A. W. Nicklin's house, bears N., 16 lks. dist.
50.00	Leave nearly level and enter gently rolling land. Desc. 10 ft. over S. slope.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

34

Chains	
52.14	Leave gently rolling land; slopes become gradually steeper. Enter rolling and mountainous land. Asc. 98 ft. over SE. slope.
53.90	Irrigation ditch, 3 lks. wide, 1 ft. deep, course S. 60° W.
57.92	Top of ascent; desc. 32 ft. over SW. slope.
60.22	Draw, course S. 20° E.; asc. 139 ft. over SE. slope.
60.54	Barbed wire fence, bears N. 19° W. and S. 19° E. This fence turns to S. 86° W. at 1.50 chs. NW. of this point.
71.82	Top of steep ascent bears NE. and SW.; thence over gently rolling land; asc. 4 ft. over S. slope.
75.30	Desc. 11 ft. over S. slope to
80.32	The original cor. of secs. 27, 28, 33 and 34.
	Land, mountainous, gently rolling, nearly level and rolling. Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates. Timber, juniper, mesquite and cottonwood. Undergrowth, greasewood, catclaw and vines.
	N. 0° 36' E., on true line, bet. secs. 27 and 28. Over gently rolling land, thru scattering timber and undergrowth. Asc. 40 ft. over S. and SE. slopes.
13.70	Road, bears E. and W.
20.00	Slopes become steeper. Enter rolling land. Desc. 57 ft. over N. slope.
24.15	Bottom of ravine, 4 lks. wide, course E.; asc. 20 ft. over SE. slope.
25.50	Point of spur, slopes E.; desc. 13 ft. over NE. slope.
26.45	Bottom of ravine, 3 lks. wide, course SE., near head; asc. 36 ft. over SW. slope to
27.70	Top of bank, bears W. and SE. Leave rolling and enter nearly level land. Asc. slightly over SE. and E. slopes to
39.89	(Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock with a glass bottle deposited at base, and in a mound of stone to top, for reestablished $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$
	S28   S27
	1938
	No bearing trees available.
	Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4198

35

Chains

Continue over nearly level land, thru scattering timber and undergrowth. Asc. gradually over E. slope.

59.90 Road, bears E. and N. 75° W.

63.60 Road, bears E. and W.

65.00 Leave nearly level and enter gently rolling land. Desc. 32 ft. over NE. slope to

79.78 Intersect the original point of location of the cor. of secs. 21, 22, 27 and 28, determined from the original mound of stone N. of cor. The original corner stone, a limestone 24x14x12 ins. marked with 2 grooves on one face, and 3 grooves on another, is lying on the ground very close to the cor. point.

Reconstruct this cor. monument as follows:

At a point 3 ft. S. of the center of the original mound of stone, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with the old corner stone reset alongside, for cor. of secs. 21, 22, 27 and 28, with brass cap marked

T16N	RAE
S21	S22
S28	S27

1938

No bearing trees available.

Destroy the old mound N. and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, gently rolling, nearly level and rolling.  
Soil, gravelly and rocky, 3rd and 4th rates.  
Timber, mesquite and juniper.  
Undergrowth, greasewood, catclaw, oakbrush and cacti.

From original cor. of secs. 22, 23, 26 and 27.

N. 89° 09' W., on true line, bet. secs. 22 and 27.

Over mountainous land, thru scattering timber and undergrowth.

Asc. 102 ft. over SE. slope.

9.80 Spur, slopes S.; desc. 131 ft. over steep SW. slope.

18.10 Foot of steep descent, bears NW. and SE.; leave mountainous and enter nearly level land in wide saddle between mesas NE. and SW. Desc. slightly to

24.60 Road, bears N. 72° W. and S. 72° E.; asc. slightly over N. and NE. slopes to

39.05 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor. of secs. 22 and 27, with brass cap marked

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

1938

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

36

Chains	
	<p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Leave nearly level land and saddle and enter rolling and mountainous land. Desc. 23 ft. over NW. slope.</p>
43.80	Head of ravine, course N.; asc. 69 ft. over NE. slope.
48.70	Rocky spur, slopes N.; desc. 205 ft. over W. slope to
57.40	Barbed wire fence (4 wire) bears N. and S., at foot of slope from spur. Leave mountainous and enter gently rolling land.
58.53	Irrigation ditch, 3 lks. wide, 1 ft. deep, course SE.; enter cultivated field.
60.00	Barbed wire fence (4 wire) bears N. 60° E. and S. 60° W.; leave field.
60.32	Top of left bank of Spring Creek, bears NW. and SE.; desc. 12 ft. over SW. slope to
62.00	Left edge of bed of Spring Creek bears NW. and SE.; thence across creek bed.
62.70	Stream of running water, 80 lks. wide, 12 ins. deep, course S. 31° E. from N. 20° W.
63.20	Right edge of bed of Spring Creek, bears NW. and SE.; leave creek bed; enter mountainous land; asc. 74 ft. over steep NE. slope to
66.62	Top of right bank of Spring Creek, bears NW. and SE. Thence over gently rolling land; asc. 40 ft. over NE. slope to
78.10	<p>The original cor. of secs. 21, 22, 27 and 28.</p> <p>Land, mountainous, nearly level, rolling and gently rolling. Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates. Timber, juniper, mesquite and cottonwood. Undergrowth, oakbrush and greasewood.</p> <hr/> <p>N. 0° 15' E., on true line, bet. secs. 21 and 22. (S. <math>\frac{1}{2}</math>) Over gently rolling land, thru scattering timber and undergrowth. Desc. 49 ft. over NE. slope.</p>
18.05	Road, bears S. 75° E. and S. 83° W.
24.00	Wash, 30 lks. wide, course E.; thence over rolling land, steeper slopes; asc. 84 ft. over S. slope.
35.35	Spur, slopes E.; desc. 64 ft. over NE. slope to
40.01	<p>Intersect the original <math>\frac{1}{4}</math> sec. cor. of secs. 21 and 22, which is volcanic stone 12x12x6 ins. above ground, firmly set and marked <math>\frac{1}{4}</math> on S. face. No accessories.</p> <p>Reconstruct this cor. monument as follows:</p> <p>Remove the old corner stone and in same place, set an</p>

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4193

37

## Chains

iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground with the old corner stone reset alongside, for  $\frac{1}{4}$  sec. cor., with brass cap marked

 $\frac{1}{4}$ 

S21 | S22

1938

No bearing trees available.

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

## Thence

N.  $1^{\circ} 42'$  E., on true line, bet. secs. 21 and 22 (N.  $\frac{1}{2}$ ).

Over rolling land, thru scattering timber and undergrowth.

Desc. 16 ft. over NE. slope to

1.90 Right edge of bed of Spring Creek, bears NW. and SE.; thence across creek bed.

2.53 Stream of running water, 30 lks. wide, 12 ins. deep, course S.  $63^{\circ}$  E. from a southerly course about 2.50 chs. NW. of this point. Continue in bed of Spring Creek, ascending gradually to

27.85 Same stream of water, 30 lks. wide, 12 ins. deep, course N.  $80^{\circ}$  W. from S.  $35\frac{1}{2}^{\circ}$  E. and turning to a southerly course at 2.50 chs. westerly from this point. Continue across bed of Spring Creek ascending gradually to sec. cor. point.

37.30 Leo Greenough's house (formerly Cosner's) bears W., 189 lks. dist.

40.80 The point for the reestablishment of the cor. of secs. 15, 16, 21 and 22, 3.50 chs. N. and 2.00 chs. E. from Cosner's house as given in the official record of the original survey. This sec. cor. point is in bed of Spring Creek where it is impracticable to monument the cor., therefore establish witness cor. 1.30 chs. S.  $89^{\circ} 30'$  W. as hereinafter described.

Land, gently rolling and rolling.

Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates. Timber, juniper, mesquite, cottonwood and willow. Undergrowth, oakbrush, catclaw and greasewood.

From reestablished cor. of secs. 14, 15, 22 and 23.

N.  $89^{\circ} 47'$  W., on true line, bet. secs. 15 and 22.

Over gently rolling land, across cultivated field. Asc. slightly over NE. slope to county road.

2.26 Barbed wire fence (4 wire) bears N.  $10^{\circ}$  W. and S.  $10^{\circ}$  E.; leave cultivated field; enter small pasture.

5.24 Barbed wire fence (4 wire) bears N.  $36^{\circ}$  W. and S.  $36^{\circ}$  E.; leave pasture; enter scattering timber and undergrowth.

6.80 County road (Sedona to Cornville) bears N.  $36\frac{1}{2}^{\circ}$  W. and S.  $36\frac{1}{2}^{\circ}$  E. Enter rolling and mountainous land, slopes becoming gradually steeper; asc. 338 ft. over NE. slope.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

38

Chains	
30.99	E. edge of top of ridge, bears NW. and SE.; thence across gently rolling top of ridge.
39.49	(Proportional dist.) 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 reestablished $\frac{1}{4}$ sec. cor., with brass cap marked  $\frac{1}{4} \frac{S 15}{S 22}$ 1938  from which  A juniper, 6 ins. diam., bears N. $30\frac{1}{4}^{\circ}$ E., 290 lks. dist., marked $\frac{1}{4}$ S15 BT.  A juniper, 6 ins. diam., bears S. $64^{\circ}$ W., 565 lks. dist., marked $\frac{1}{4}$ S22 BT.  Continue across gently rolling top of ridge, bearing NW. and SE.
40.20	W. edge of top of ridge, bears NW. and SE.; leave top of ridge and enter rolling and mountainous land; desc. 314 ft. over SW. slope to
64.88	Foot of slope, bears NW. and SE.: Thence over nearly level land, descending slightly to
72.39	Top of left bank of Spring Creek, bears NW. and SE.: Large spring, bears N., 1.40 chs. dist.; desc. 10 ft. to
73.75	Left edge of bed of Spring Creek, bears NW. and SE.; thence across nearly level creek bed.
75.98	Barbed wire fence ( 3 wire) bears N. $26^{\circ}$ W. and S. $26^{\circ}$ E.
76.48	Stream of running water, 15 lks. wide, 10 ins. deep, course S. $26^{\circ}$ E. Continue across creek bed.
78.98	True point for reestablished cor. of secs. 15, 16, 21 and 22 (W.C. 1.30 chs. S. $89^{\circ}30'$ W.) in bed of Spring Creek.  Land, gently rolling, mountainous, nearly level and rolling. Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rates. Timber, juniper, cottonwood, willow and walnut. Undergrowth, oakbrush and sangre de cristo.
	From true point for reestablished cor. of secs. 15, 16, 21 and 22.  N. $0^{\circ} 12'$ E., on true line, bet. secs. 15 and 16.  Over nearly level bed of Spring Creek, thru scattering timber and undergrowth.
1.10	Stream of running water, 20 lks. wide, 6 ins. deep, course S. $60^{\circ}$ E. Continue over bed of Spring Creek.
5.50	Barbed wire fence ( 3 wire) bears E. and W.
6.50	Left edge of bed of Spring Creek, bears NW. and SE.; leave creek bed; asc. 10 ft. to

## Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 9188

39

Chains	
7.20	Top of left bank of Spring Creek, bears NW. and SE. Thence over nearly level pasture land.
7.40	1 room cabin bears W. 2.55 chs. dist. Barn bears East about 4 chs. dist.
17.20	Barbed wire fence ( 4 wire) bears N. 69° W. and S. 69° E. Fence cor. bears NW. 2.40 chs. dist. from which fences extend S. 69° E., S. 4½° W. and N. 4½° E. Leave nearly level and enter gently rolling land; asc. 23 ft. over SW. slope.
23.20	Leave pasture land, bears NW. and SE.; slopes become steeper. Enter rolling land. Asc. 155 ft. over SW. slope.
24.70	Smooth wire fence (.3 wire) bears E. and W. Fence cor. bears W. 1.90 chs. dist. from which fences extend E. and S. 4½° W.
36.50	Spur, slopes W.; desc. 32 ft. over NW. slope to
39.97	(Midpoint) 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 reestablished ¼ sec. cor., with brass cap marked
	¼
	S16   S15
	1938
	from which
	A juniper, 8 ins. diam., bears S. 67½° E., 96 lks. dist., marked ¼ S15 BT.
	A juniper, 12 ins. diam., bears S. 64½° W., 120 lks. dist., marked ¼ S16 BT.
	Desc. 16 ft. over NW. slope.
41.20	Draw, course NW.; asc. 12 ft. over SW. slope.
44.00	Desc. gradually over W. slope.
54.20	Desc. 51 ft. over NW. slope.
65.05	Draw, course SW.; asc. 77 ft. over SE. and E. slopes.
67.86	Arizona State Highway No. 79, bears N. 41° E. and S. 41° W.
78.70	Draw, course SE. near head; asc. 5 ft. over SW. slope to
79.94	Intersect the original cor. of secs. 9, 10, 15 and 16, which is a volcanic stone 18x12x8 ins. above ground, firmly set, marked with 4 grooves on S. face and 3 grooves on E. face, and witnessed by a mound of stone N. and the original bearing tree NW. Find no trace of the two record bearing trees SE. and SW. of cor.
	Reconstruct this corner monument as follows:
	Remove the old corner stone and in same place, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, with old stone reset alongside, for cor. of secs. 9, 10, 15 and 16, with brass cap marked

40

Chains

T16N	R4E
S9	S10
S16	S15

1938

from which

the original bearing tree:

A juniper, 12 ins. diam., bears N. 68° W., 20 lks. dist.

and new bearing trees:

A juniper, 8 ins. diam., bears N. 13½° E., 69 lks. dist., marked T16N R4E S10 BT.

A juniper, 8 ins. diam., bears S. 20½° E., 78 lks. dist., marked T16N R4E S15 BT.

A juniper, 8 ins. diam., bears S. 39½° W., 360 lks. dist., marked T16N R4E S16 BT.

Destroy the mound of stone N. of cor.

Land, nearly level, gently rolling and rolling.  
Soil, gravelly and rocky, 3rd and 4th rates.  
Timber, juniper, mesquite, cottonwood and willow.  
Undergrowth, oakbrush and sangre de cristo.

From the original cor. of sec. 10, 11, 14 and 15,  
N. 89° 00' W., on true line, bet. secs. 10 and 15 (E.½).

Over mountainous land, thru scattering timber and undergrowth.

Asc. 39 ft. over N. slope of spur, the top of which slopes E. about 2 chs. S. of sec. line.

6.73 Top of spur sloping E. from SW. bears S. about 3 chs. dist.  
Desc. 90 ft. over NW. slope.

14.43 Bottom of ravine, course NE. near head; asc. 105 ft. over NE. slope.

19.23 Ridge, bears NW. and SE.; leave mountainous and enter gently rolling land. Desc. 68 ft. over SW. slope to ¼ sec. cor.

20.73 Road, bears N. and SE.

39.73 Intersect the original ¼ sec. cor. of secs. 10 and 15, which is a volcanic stone, 16x10x4 ins. above ground, firmly set, marked ¼ on N. face, and witnessed by a mound of stone N.

Reconstruct this cor. monument as follows:

Remove the old corner stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with old stone reset alongside, for ¼ sec. cor., with brass cap marked

¼	S 10
	S 15

1938

from which

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4193

41

Chains	
	A juniper, 10 ins. diam., bears N. 86° E., 61 lks. dist., marked $\frac{1}{4}$ S10 BT.
	A juniper, 6 ins. diam., bears S. 12 $\frac{1}{2}$ ° E., 136 lks. dist., marked $\frac{1}{4}$ S15 BT.
	Destroy the mound of stone N. of cor.
	Thence
	S. 86° 49' W., on true line, bet. secs. 10 and 15 (W. $\frac{1}{2}$ ).
	Over gently rolling land, thru scattering timber and undergrowth.
	Desc. slightly over SW. slope to
0.05	Barbed wire fence (4 wire) bears S; 81° E. and N. 51 $\frac{1}{2}$ ° W. at foot of descent. Leave gently rolling and enter nearly level land.
14.15	Road, bears NE. and SW.
15.95	County road (Sedona to Cornville) bears N. 44° W. and S. 44° E.
18.05	Old road, bears N. 44° W. and S. 44° E.
34.65	Road, bears N. 46° E. and S. 69° W.
39.95	Arizona State Highway No. 79, bears N. 32° E. and S. 32° W.
41.00	Leave nearly level land, bears N. and S. Enter rolling land; asc. 16 ft. over SE. slope.
45.45	Desc. 20 ft. over SW. slope to
49.95	The original cor. of secs. 9, 10, 15 and 16.
	Land, mountainous; gently rolling, nearly level and rolling.
	Soil, sandy, gravelly and rocky, 3rd and 4th rates.
	Timber, juniper and mesquite.
	Undergrowth, oakbrush and sangre de cristo.
	From the accepted cor. of secs. 4, 5, 32 and 33, on S. bdy. of the Tp., hereinbefore described.
	N. 0° 04' E., on true line, bet. secs. 32 and 33.
	Over gently rolling land; thru scattering timber and undergrowth.
	Ascend gradually over E. slope.
8.00	Desc. 33 ft. over NE. slope.
11.00	Wash, 5 lks. wide, course E.; asc. 29 ft. over SE. slope.
13.02	Thence over E. slope, ascending gradually.
19.00	Desc. 46 ft. over NE. slope.
24.80	Wash, 15 lks. wide, course SE.; asc. 23 ft. over SW. slope to
27.00	Top of bank bears NW. and SE.; thence over gently rolling SE. slope ascending gradually to $\frac{1}{4}$ sec. cor.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

42

Chains							
37.40	Road, bears E. and W.						
39.94	(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in ground to bedrock, with a stone 2x4x4 ins. marked with a (+) deposited at base, and in a mound of stone to top, for reestablished $\frac{1}{4}$ sec. cor., with brass cap marked						
	$\frac{1}{4}$ S32   S33 1938						
	No bearing trees available.						
	Desc. 29 ft. over NE. slope.						
45.90	Wash, 10 lks. wide, course SE.; asc. 38 ft. over SW. slope to						
50.00	Top of bank bears NW. and SE.; thence over gently rolling SE. slope, ascending gradually to						
79.88	The point for the reestablishment of the cor. of secs. 28, 29, 32 and 33, determined by double proportion between original corners 1 mile easterly and southerly, 2 miles westerly and 3 miles northerly, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for reestablished cor. of secs. 28, 29, 32 and 33, with brass cap marked						
	<table border="1"> <tr> <td>T16N</td> <td>RAE</td> </tr> <tr> <td>S29</td> <td>S28</td> </tr> <tr> <td>S32</td> <td>S33</td> </tr> </table> 1938	T16N	RAE	S29	S28	S32	S33
T16N	RAE						
S29	S28						
S32	S33						
	No bearing trees available.						
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.						
	Land, rolling. Soil, sandy and gravelly, 3rd and 4th rates. Timber, juniper and mesquite. Undergrowth, oakbrush and sangre de cristo.						
	From the original cor. of secs. 27, 28, 33 and 34.						
	N. 89° 53' W., on true line, bet. secs. 28 and 33.						
	Over gently rolling land, thru scattering timber and undergrowth.						
	Desc. 14 ft. over S. and SW. slopes.						
3.50	Road, bears NW. and SE.						
6.20	Drain, course SE.; asc. 14 ft. over E. slope.						
12.50	Road, bears NW. and SE. at E. edge of top of ridge, same bearing. Thence across nearly level top of ridge.						
15.00	W. edge of top of ridge, bears NW. and SE.; leave top of ridge; desc. gradually over SW. slope to						

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

L. 4193

43

Chains	
40.55	<p>(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 2x6x6 ins. marked with a cross (+) deposited at base, and in a mound of stone to top, for reestablished <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4} \frac{S 28}{S 33}</math></p> <p style="text-align: center;">1938</p> <p>No bearing trees available</p> <p>Slopes become steeper; enter rolling land.</p> <p>Desc. 80 ft. over SW. slope.</p>
53.80	<p>Wash, 20 lks. wide, course SE. in bottom of Sheephead Canyon. An abrupt drop of 35 ft. occurs in the bottom of this wash about 2.00 chs. SE. of this point, and an active spring is located at the base of the drop.</p>
57.95	<p>Point of spur, slopes SE.; desc. 34 ft. over SW. slope.</p>
60.90	<p>Wash, 15 lks. wide, course S. 75° E.; asc. 86 ft. over SE. slope to</p>
81.10	<p>The reestablished cor. of secs. 28, 29, 32 and 33.</p> <p>Land, gently rolling and rolling. Soil, sandy and gravelly, 2nd and 3rd rates. Timber, juniper and mesquite. Undergrowth, greasewood, catclaw and sangre de cristo.</p>
11.70	<p>N. 0° 16' E., on true line, bet. secs. 28 and 29.</p> <p>Over gently rolling land, thru scattering timber and undergrowth.</p> <p>Ascend gradually over SE. slope to <math>\frac{1}{4}</math> sec. cor.</p>
20.10	<p>Wash, 20 lks. wide, 10 ft. deep, course SE.</p>
24.90	<p>Wash, 10 lks. wide, course SE.</p>
39.94	<p>Dim road, bears E. and W.</p> <p>(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S29   S28</p> <p style="text-align: center;">1938</p> <p>No bearing trees available.</p> <p>Raise a mound of stone, 3 ft. base. 1½ ft. high, W. of cor.</p> <p>Continue over gently rolling land, ascending gradually over SE. slope to sec. cor.</p>
43.50	<p>Wash, 10 lks. wide, course SE.</p>

44

Chains

- 46.60 Wash, 15 lks. wide, 6 ft. deep, course SE.
- 56.70 Old State Highway (abandoned) bears N. 66° E. and S. 66° W.
- 72.60 Wash, 10 lks. wide, course SE.
- 79.88 The point for the reestablishment of the cor. of secs. 20, 21, 28 and 29, determined by double proportion between original corners 1 mile easterly, 2 miles northerly, and southerly and the reestablished sec. cor. on W. bdy. of the Tp. 2 miles westerly, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for reestablished cor. of secs. 20, 21, 28 and 29, with brass cap marked

T16N	R4E
S20	S21
S29	S28

1938

No bearing trees available.

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

A U. S. Coast and Geodetic bench mark, a 4 in. brass cap, set in block of concrete, 12x12x8 ins. above ground, bears S. 9° 04' W., 18.91 chs. dist., marked ELEV 3618.152 J33 1933.

Land, gently rolling.  
 Soil, sandy and gravelly, 2nd and 3rd rates.  
 Timber, juniper and mesquite.  
 Undergrowth, oakbrush and sangre de cristo.

From the original cor. of secs. 21, 22, 27 and 28.

N. 89° 49' W., on true line, bet. secs. 21 and 28.

Over gently rolling land, thru scattering timber and undergrowth.

Ascend gradually over NE. slope to  $\frac{1}{4}$  sec. cor.

12.72 Corral, bears N., 7.00 chs. dist.

26.02 Road, bears N. 25° E. and S. 12° W.

33.82 Road, bears N. 65 $\frac{1}{2}$ ° E. and S. 65 $\frac{1}{2}$ ° W.40.80 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S 21
	S 28

1938

No bearing trees available.

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

Continue over gently rolling land, ascending gradually over NE. slope.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4193

45

Chains	
43.00	Old State highway, bears N. 15° E. and SW.; at junction of roads, bearing S. 29° E., S. 61 $\frac{1}{4}$ ° E., and N. 60° E.
47.72	Low ridge, bears N. 35° W. and S. 20° E.; desc. gradually over SW. slope.
79.52	Road, bears N. 15° W. and S. 15° E.
80.90	Sheephead Canyon Wash, 5 lks. wide, 2 ft. deep, course S. 15° E.; asc. slightly over SE. slope to
81.60	The reestablished cor. of secs. 20, 21, 28 and 29.
	Land, gently rolling. Soil, sandy, gravelly and rocky, 3rd and 4th rates. Timber, juniper and mesquite. Undergrowth, greasewood, catclaw and sangre de cristo.
	N. 1° 29' E., on true line, bet. secs. 20 and 21.
	Over gently rolling land, thru scattering timber and undergrowth.
	Asc. slightly over SE. slope to
3.86	Sheephead Canyon Wash, 5 lks. wide, 3 ft. deep, course S. 25° E.; asc. gradually over SW. slope to $\frac{1}{4}$ sec. cor.
8.90	Road, bears S. 25° E. and N. 25° W.
39.55	Arizona State Highway No. 79, bears N. 45 $\frac{1}{2}$ ° E. and S. 45 $\frac{1}{2}$ ° W.
39.96	(Proportional dist.) Point for reestablishment of the $\frac{1}{4}$ sec. cor. of secs. 20 and 21 is on edge of right-of-way of highway where it is impracticable to monument the cor., therefore establish witness cor. 30 lks. N. 1° 29'E.
40.26	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness cor. to reestablished $\frac{1}{4}$ sec. cor. of secs. 20 and 21, with brass cap marked
	$\frac{1}{4}$ S20   S21 W C 1938
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Continue over gently rolling land; ascend 40 ft. over SW. slope.
52.30	Low ridge, bears NW. and SE.; desc. 45 ft. over NE. slope.
75.70	Wash, course E.; asc. gradually over E. slope.
79.92	Point for reestablishment of the cor. of secs. 16, 17, 20 and 21, as determined by double proportion between original corners 1 mile northerly, 3 miles southerly, $\frac{1}{2}$ mile westerly and sec. cor. 1 mile easterly reestablished by collateral evidence. Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

46

Chains

the ground, for reestablished cor. of secs. 16, 17, 20 and 21, with brass cap marked

T16N	R4E
S17	S16
S20	S21

1938

No bearing trees available.

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

Land, gently rolling.

Soil, sandy and gravelly, 3rd rate.

Timber, juniper and mesquite.

Undergrowth, oakbrush and sangre de cristo.

From true point for reestablished cor. of secs. 15, 16, 21 and 22

S. 89° 30' W., on true line, bet. secs. 16 and 21.

Over nearly level bed of Spring Creek, thru scattering timber and undergrowth.

1.20 Right edge of bed of Spring Creek, bears NW. and S. 15° E.; leave creek bed and enter pasture land, ascending slightly over E. slope.

1.30 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in ground, for witness cor. to cor. of secs. 15, 16, 21 and 22, with brass cap marked

T16N	R4E
S16	S15 WC
S21	S22

1938

from which

A willow, 16 ins. diam., bears N. 84½° E., 135 lks. dist., marked WC T16N R4E S15 BT.

A mulberry, 12 ins. diam., bears S. 4¾° E., 130 lks. dist., marked WC T16N R4E S21 BT.

A cottonwood, 30 ins. diam., bears N. 29° W., 680 lks. dist., marked WC T16N R4E S16 BT.

No other bearing tree available.

NW. cor. of cabin, bears S. 19¾° W., 343 lks. dist.

5.50 Page wire fence, bears N. and S.; leave pasture land.

6.70 NW. cor. of barn, bears S., 4.40 chs. dist.

8.60 NW. cor. of most easterly of 5 stone cabins, bears S., 4.70 chs. dist.

13.40 NW. cor. of most westerly of same cabins, bears S., 4.70 chs. dist. NE. cor. of large stone cabin, bears S., 9.30 chs. dist. These cabins belong to Leo Greenough's dude ranch.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 2198

47

## Chains

- 14.90 Road, bears NW. and SE.; enter gently rolling land; asc. 44 ft. over NE. slope.
- 21.70 Barbed wire fence ( 5 wire) bears N. and S.
- 31.05 Old highway, bears N.  $10\frac{1}{2}^\circ$  W. and S.  $10\frac{1}{2}^\circ$  E. on low spur sloping SE.; desc. 25 ft. over SW. slope to
- 40.37 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\frac{1}{4} \frac{S 16}{S 21}$$
- 1938
- No bearing trees available.
- Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
- Desc. gradually over SW. slope.
- 41.82 Arizona State Highway No. 79, bears N.  $38^\circ$  E. and S.  $38^\circ$  W.
- 43.50 Wash, 10 lks. wide, course SE.; asc. gradually over E. slope to
- 80.74 The reestablished cor. of secs. 16, 17, 20 and 21.
- Land, nearly level and gently rolling.  
Soil, sandy and gravelly, 3rd rate.  
Timber, mesquite, juniper and cottonwood.  
Undergrowth, greasewood, catclaw and sangre de cristó.
- 
- N.  $0^\circ 18'$  E., on true line, bet. secs. 16 and 17.
- Over gently rolling land, thru scattering timber and undergrowth.
- Asc. gradually over E. slope.
- 3.90 Wash, 10 lks. wide, course E.
- 18.80 Wash; 10 lks. wide, 3 ft. deep, course SE.; asc. gradually over SW. slope.
- 30.10 Dim road, bears NW. and SE., on low, flat-topped spur, sloping SE.; desc. 25 ft. over NE. slope.
- 37.00 Wash, 15 lks. wide, course S.  $70^\circ$  E.; asc. 15 ft. over SE. slope to
- 39.94 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap marked
- $$\frac{1}{4}$$
- SI7 | SI6
- 1938
- No bearing trees available.
- Raise a mound of stone,  $2\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Resurvey: Part of Subdivision lines; Frac. T. 16 N., R. 4 E.

48

Chains	Asc. slightly over SE. slope to
42.70	Slopes become steeper; enter rolling and mountainous land. Asc. 187 ft. over SE. slope.
63.15	Ridge, bears E. and W.; desc. 148 ft. over NW. slope to
79.88	Intersect point where the cor. of secs. 8, 9, 16 and 17 was originally established and monumented. The remains of the original cor. monument was found at this point by W. H. Richards, Jr., U. S. Surveyor in 1916, but, owing to adverse surface conditions he did not reconstruct the cor. monument in its original position. Instead, he established a witness cor. 30 lks. S.
	This witness cor. is an iron post, 2 ins. in diam., pro- jecting 9 ins. above ground, firmly set, marked on brass cap and witnessed as described in the official record.
	Land, gently rolling, rolling and mountainous. Soil, gravelly and rocky, 3rd and 4th rates. Timber, juniper and mesquite. Undergrowth, greasewood and sangre de cristo.
	From the original cor. of secs. 5, 6, 31 and 32, on S. bdy. of the Tp., heretofore described,
	N. 0° 02' E., on true line, bet. secs. 31 and 32 (S. $\frac{1}{2}$ ).
	Over gently rolling land, thru scattering timber and undergrowth.
	Asc. gradually over general W. slope to $\frac{1}{4}$ sec. cor.
13.40	Wash, course S. 80° W.
31.80	Cut wash, 4 $\frac{1}{2}$ lks. wide, 10 ft. deep, course S. 70° W.
40.55	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 31 and 32, which is a limestone 10x12x6 ins. above ground, firmly set, marked $\frac{1}{4}$ on W. face, with faint traces of pits N. and S., and mound of earth W.
	Reconstruct this corner monument as follows:
	Remove the old corner stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with old stone reset alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	S31   S32
	1938
	No bearing trees available.
	Thence
	N. 1° 14' W., on true line, bet. secs. 31 and 32 (N. $\frac{1}{2}$ ).
	Over gently rolling land, thru scattering timber and undergrowth.
	Asc. slightly over W. slope to
6.60	Cut wash, 9 lks. wide, 8 ft. deep, course S. 70° W.; asc.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4198

49

Chains	10 ft. over S. slope.						
12.15	Low spur slopes SW.; desc. 28 ft. over NW. slope.						
22.20	Wash, course S. 60° W.; asc. 45 ft. over SW. slope to						
39.66	The point for reestablishment of the cor. of secs. 29, 30, 31 and 32, determined by double proportion between original corners 2 miles northerly and easterly, $\frac{1}{2}$ mile southerly, and 1 mile westerly. Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground with several pieces of glass deposited at base, for reestablished cor. of secs. 29, 30, 31 and 32, with brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T16N</td> <td>R4E</td> </tr> <tr> <td>S30</td> <td>S29</td> </tr> <tr> <td>S31</td> <td>S32</td> </tr> </table>	T16N	R4E	S30	S29	S31	S32
T16N	R4E						
S30	S29						
S31	S32						
	1938.						
	No bearing trees available.						
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.						
	Land, gently rolling. Soil, gravelly and rocky, 3rd and 4th rates. Timber, mesquite and juniper. Undergrowth, greasewood and cacti.						
	From the reestablished cor. of secs. 28, 29, 32 and 33. N. 89° 39' W., on true line, bet. secs. 29 and 32. Over gently rolling land, thru scattering undergrowth. Asc. 50 ft. over SE. slope to						
24.20	Draw, 3 lks. wide, course SE.; asc. 46 ft. over E. slope.						
35.20	Low ridge, bears N. 5° W. and S. 5° E.; drainage divide bet. Verde River and Oak Creek. Road on top of same. Desc. 23 ft. over W. slope to						
40.60	(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground with a glass bottle deposited at base, for reestablished $\frac{1}{4}$ sec. cor., with brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td><math>\frac{1}{4}</math></td> <td>S 29</td> </tr> <tr> <td></td> <td>S 32</td> </tr> </table>	$\frac{1}{4}$	S 29		S 32		
$\frac{1}{4}$	S 29						
	S 32						
	1938						
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.						
	Desc. 30 ft. over W. slope to						
69.40	Wash, 5 lks. wide, 6 ft. deep, course SW.; asc. 31 ft. over SE. slope.						
76.45	Desc. 14 ft. over SW. slope to						
81.20	The reestablished cor. of secs. 29, 30, 31 and 32. Land, gently rolling. Soil, sandy and gravelly, 2nd and 3rd rates.						

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

50

Chains	
	<p>Timber, none. Undergrowth, greasewood, scrub mesquite, catclaw and el jerito.</p> <hr/> <p>From the accepted original cor. of secs. 25, 30, 31 and 36, on W. bdy. of the Tp., hereinbefore described, N. 89° 59' E., on true line, bet. secs. 30 and 31. Over gently rolling land, thru scattering undergrowth.</p>
12.73	Wash., 3 lks. wide, 3 ft. deep, course S.; asc. gradually over S. and SW. slopes to $\frac{1}{4}$ sec. cor.
21.21	U. S. Forest Service road, bears N. 4 $\frac{3}{4}$ ° W. and S. 4 $\frac{3}{4}$ ° E.
38.98	(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground with a glass bottle deposited at base, for reestablished $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S \ 30}{S \ 31}$ <p>1938</p> <p>from which</p> <p>Station 295+09, Arizona State Highway No. 79 Right-of-Way marker, a brass cap, 3 ins. in diam., marked "ARIZONA HIGHWAY DEPT. Elev. 3494.05, Sta. 295+09 1938", set in concrete post, 6x6x12 ins. above ground, bears S. 34<math>\frac{1}{2}</math>° W., 290 lks. dist.</p>
	Continue over gently rolling land, ascend gradually over SW. slope to sec. cor.
41.20	Arizona State Highway No. 79, bears N. 45 $\frac{1}{2}$ ° E. and S. 45 $\frac{1}{2}$ ° W.
67.43	Road, bears NE. and SW.
73.95	Old State Highway (abandoned) bears SW. and NE.
79.58	The reestablished cor. of secs. 29, 30, 31 and 32.
	<p>Land, gently rolling. Soil, sandy and gravelly, 2nd and 3rd rates. Timber, none. Undergrowth, greasewood, scrub mesquite, catclaw and el jerito,</p> <hr/> <p>N . 0° 03' E., on true line, bet. secs. 29 and 30. Over gently rolling land, thru scattering undergrowth. Asc. gradually over SW. slope to <math>\frac{1}{4}</math> sec. cor.</p>
5.50	Old State Highway, (abandoned) bears NE. and SW.
26.60	Wash, course S. 60° W.
37.75	Arizona State Highway No. 79, bears N. 43° E. and S. 43° W.
39.65	(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with several pieces of glass deposited at base, for reestablished $\frac{1}{4}$ sec. cor., with brass cap marked

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4108

51

Chains

 $\frac{1}{4}$ 

S30 | S29

1938

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

Continue over gently rolling land; asc. gradually over SW. slope to sec. cor.

48.65 Wash, course S. 40° W.

79.30 The point for the reestablishment of the cor. of secs. 19, 20, 29 and 30, determined by double proportion between original corners 1 mile northerly, 2 miles easterly,  $1\frac{1}{2}$  mile southerly and 1 mile westerly to reestablished sec. cor. on W. bdy. of Tp.

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground with several pieces of glass deposited at base, for reestablished cor. of secs. 19, 20, 29 and 30, with brass cap marked

T16N	RAE
S19	S20
S30	S29

1938

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

Land, gently rolling.

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

Timber, none.

Undergrowth, greasewood, scrub mesquite and sangre de cristo.

From the reestablished cor. of secs. 20, 21, 28 and 29.

S. 89° 54' W.; on true line, bet. secs. 20 and 29.

Over gently rolling land, thru scattering undergrowth.

Asc. 50 ft. over SE. slope.

18.50 Low spur slopes SE. Desc. 17 ft. over SW. slope.

23.90 Wash, 5 lks. wide, course SE.; asc. 20 ft. over E. slope to  $\frac{1}{4}$  sec. cor.

39.04 Arizona State Highway No. 79, bears NE. and SW.

40.80 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground with a glass bottle deposited at base, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S 20
	S 29

1938

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

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

52

Chains	
	Sta. 372+40 of Arizona State Highway No. 79 Right-of-Way marker, a brass cap, 3 ins. in diam., set in concrete post, 6x6x12 ins. above ground, marked "ARIZONA HIGHWAY DEPT Elev 3698.55 Sta 372+40 1938" bears N. 45½° E., 55 lks. dist.
	Continue over gently rolling land; asc. gradually over E. slope.
50.70	Ridge, bears N. 20° W. and S. 20° E.; drainage divide bet. Verde River and Oak Creek; desc. 115 ft. over SW. slope to
81.60	The reestablished cor. of secs. 19, 20, 29 and 30. Land, gently rolling. Soil, sandy and gravelly, 2nd and 3rd rates. Timber, none. Undergrowth, greasewood, catclaw and cacti.
	From the reestablished cor. of secs. 19, 24, 25 and 30, on W. bdy. of the Tp., hereinbefore described, S. 87° 55' E., on true line, bet. secs. 19 and 30. Over gently rolling land, thru scattering undergrowth. Asc. 34 ft. over SW. slope.
1.72	Dim road, bears NE. and SW.
10.46	Thence over S. slope with little change in elevation.
11.87	Dim road, bears N. and SW.
21.70	Dim road, bears N. and SW.
22.87	Cut wash, 5 lks. wide, 5 ft. deep, course S.
23.47	Dim road, bears N. and SW.
31.12	U. S. Forest Service road, bears N. 12° E. and S. 20° W.
39.29	(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with a glass bottle deposited at base, for reestablished ¼ sec. cor., with brass cap marked $\frac{1}{4} \frac{S 19}{S 30}$ 1938 Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. Continue over gently rolling S. slope with little change in elevation.
44.87	Cut wash, 3 lks. wide, 5 ft. deep, course S. 20° W.
56.87	Cut wash, 6 lks. wide, 6 ft. deep, course S.
68.57	Cut wash, 5 lks. wide, 7 ft. deep, course SW.; asc. 34 ft. over SW. slope to
80.12	The reestablished cor. of secs. 19, 20, 29 and 30.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4193

53

## Chains

Land, gently rolling.  
Soil, sandy and rocky, 2nd and 3rd rates.  
Timber, none.  
Undergrowth, greasewood, scrub mesquite, catclaw and  
sangre de cristo.

N. 2° 21' E., on true line, bet. secs. 19 and 20.  
Over gently rolling land, thru scattering undergrowth.  
Asc. gradually over SW. slope to  $\frac{1}{4}$  sec. cor.

30.25 Cut wash, 12 lks. wide, 8 ft. deep, course S. 35° W.

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

S19 | S20

1938

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

Continue over gently rolling land; asc. gradually over SW.  
slope to sec. cor.

79.36 Intersect the original cor. of secs. 17, 18, 19 and 20,  
which is a sandstone, 14x12x6 ins. above ground, firmly  
set, marked with 5 grooves on E. face and 3 grooves on  
S. face. Faint traces of pits in each sec.

Reconstruct this cor. monument as follows:

Remove the old corner stone and in same place, set an iron  
post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground  
with several pieces of glass deposited at base and old  
stone reset alongside, for cor. of secs. 17, 18, 19 and  
20, with brass cap marked

T16N	R4E
S18	S17
S19	S20

1938

Raise a mound of stone, 3 ft. base, 2½ ft. high, W.  
of cor.

Land, gently rolling.  
Soil, sandy, gravelly and rocky, 3rd and 4th rates.  
Timber, none.  
Undergrowth, greasewood, scrub mesquite and sangre de  
cristo.

From the reestablished cor. of secs. 16, 17, 20 and 21.  
S. 89° 24' W., on true line, bet. secs. 17 and 20 (E.  $\frac{1}{2}$ ).  
Over gently rolling land, thru scattering timber and  
undergrowth.  
Ascend gradually over E. slope.

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

54

Chains	
21.04	Low ridge, bears NW. and SE.; desc. 23 ft. over SW. slope.
26.04	Sheepshead Canyon Wash, 50 lks. wide, course SE.; asc. gradually over E. slope to
40.47	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 17 and 20, which is a limestone 12x10x10 ins. above ground, illegibly marked, firmly set, and witnessed by a small mound of earth and stone N.
	Reconstruct this cor. monument as follows:
	Remove the old corner stone and in same place, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, with the old stone reset alongside, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S 17}{S 20}$
	1938
	No bearing trees available.
	Rebuild the mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	Thence,
	S. 89° 30' W., on true line, bet. secs. 17 and 20. (W. $\frac{1}{2}$ ).
	Over gently rolling land, thru scattering undergrowth.
	Asc. gradually over E. slope.
19.80	Low spur, slopes SE.; desc. gradually over SW. slope.
30.00	Draw, course SE. near head; asc. 15 ft. over E. slope.
33.70	Low ridge, bears N. and S.; desc. 23 ft. over SW. slope to
40.04	The original cor. of secs. 17, 18, 19 and 20.
	Land, gently rolling.
	Soil, sandy and gravelly, 3rd rate.
	Timber, mesquite in E. $\frac{1}{2}$ , none in W. $\frac{1}{2}$ .
	Undergrowth, greasewood, scrub mesquite, catclaw and sangre de cristo.
	The cor. of secs. 13, 18, 19 and 24, on W. bdy. of the Tp. reestablished in 1916, is an iron post, 3 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap and witnessed by a mound of stone W. and a cedar bearing tree properly marked S. 85° E., 113 lks. dist.
	Thence
	S. 86° 51' E., on true line, bet. secs. 18 and 19.
	Over gently rolling land, thru very scattering timber and scattering undergrowth.
	Asc. gradually over W. slope.
9.17	Low limestone spur, slopes SW.; desc. 46 ft. over SE. slope to

Resurvey: Part of Subdivision lines: Frac. T. 16 N., R. 4 E.

BOOK 4198

55

## Chains

- 13.54 Foot of spur, bears NE. and SW.; desc. gradually over SE. slope to  $\frac{1}{4}$  sec. cor.
- 24.72 Dim road, bears NE. and SW.
- 25.92 Cut wash, .4 lks. wide, 12 ft. deep, course SE.
- 28.17 Dim road, bears N. and S.
- 39.84 Wash, 50 lks. wide, 11 ft. deep, course SE.
- 41.17 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{l} S 18 \\ S 19 \end{array}$$

1938

No bearing trees available.

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

Desc. gradually over SE. slope.

- 44.57 Wash, 15 lks. wide, 3 ft. deep, course S.; asc. gradually over W. slope.
- 48.57 Dim road, bears N. and S.
- 65.00 U. S. Forest Service road, bears N. 15° E. and S. 35 $\frac{3}{4}$ ° W.
- 67.27 Low ridge, bears NE. and SW.; desc. gradually over SE. slope.
- 81.57 Drain, course S. near head; asc. gradually over SW. slope to
- 84.17 The original cor. of secs. 17, 18, 19 and 20.

Land, gently rolling and nearly level.

Soil, sandy and rocky, 3rd rate.

Timber, mesquite.

Undergrowth, greasewood, scrub mesquite, el jerito and sangre de cristo.

N. 0° 10' W., on true line, bet. secs. 17 and 18.

Over gently rolling land, thru scattering undergrowth.

Asc. 51 ft. over SW. slope.

- 30.00 Low flat topped ridge, bears NW. and SE.; asc. slightly over E. slope to
- 40.95 (Midpoint) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground with several pieces of glass deposited at base, for reestablished  $\frac{1}{4}$  sec. cor., with brass cap marked

 $\frac{1}{4}$ 

S18 | S17

1938

Chains	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Continue over gently rolling land; desc. 15 ft. over NE. slope.</p> <p>53.10 Wash, course SE.; asc. 10 ft. over SW. slope.</p> <p>58.50 Desc. 6 ft. over NE. slope.</p> <p>62.70 Wash, course SE.; asc. 20 ft. over S. slope to</p> <p>81.90 Intersect the cor. of secs. 7, 8, 17 and 18 reconstructed in original position in 1916, which is an iron post, 2 ins. in diam., projecting 12 ins. above ground, firmly set and marked on brass cap as described in the official record. The record accessories, pits in each sec. and mound of earth W., have become almost obliterated therefore raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, gently rolling. Soil, sandy and rocky, 3rd and 4th rates. Timber, none. Undergrowth, greasewood, scrub mesquite, el jerito and sangre de cristo.</p>
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#### GENERAL DESCRIPTION

Frac. T. 16 N., R. 4 E., lies wholly within the Coconino National Forest, one mile north of the hamlet of Cornville, five miles east of the town of Cottonwood and southwesterly from the Mogollon Rim. That portion of the Tp. that was resurveyed varies from the westerly, rocky slopes of House Mountain in the easterly secs., thru the bottomlands of Oak and Spring Creeks, to the rolling low ridges in the westerly secs.

The drainage of the township is afforded by three principal systems, all of which flow in a southerly direction. Oak Creek which rises in the Rim country, is the principal stream, meandering thru the easterly sections where numerous large springs feed into it and thence along the S. bdy. of sec. 34 and to leave the Tp. in sec. 33. Spring Creek meanders dryly thru the center of the Tp. to sec. 15 where several large springs drain into it and thence on to flow into Oak Creek in sec. 34. Sheepshead Canyon is a dry wash, heading in sec. 8, meandering southeasterly thru the Tp. to sec. 33 where springs drain into it and thence on to join Oak Creek near the S. bdy. of sec. 33. Drainage west of the low sand ridge that traverses up the westerly secs. is towards the Verde River, about three miles west. Intermediate drainage is afforded by numerous deepcut washes which drain the intervening rocky slopes and sandy ridges.

The soil thru the creek bottoms is a black, sandy loam, 2nd and 3rd rates; other soils over the Tp. are of a sandy, gravelly and rocky nature, 3rd and 4th rates.

There is a scattering growth of juniper timber on the mountain slopes, and thru the creek bottoms, there is a good growth of cottonwood, sycamore, willow, hickory, walnut, maple and elm. Over the whole township is a scattering growth of cacti, mesquite, catclaw, greasewood, sangre de cristo and young timber.

There is no evidence of any minerals present nor of any past mining activity.

Along Oak Creek, thru the entire township, there are numerous well improved, irrigated farms engaged principally in stock raising and the growing of hay and fruit. There are a few scattering farms on Spring Creek engaged along the same agricultural lines. There is an abundance of springs on both of the two major creeks and water from them is used for domestic and irrigation purposes. Page's Spring in sec. 23 is a state-wide known spring and there the State of Arizona maintains a fish hatchery. Over the remainder of the township, on the more barren flats, stock grazing is the principal industry.

The entire township is accessible by a complete network of improved roads. Arizona State Highway No. 79, a hard surfaced road, enters the township thru the W. bdy. of sec. 31, running NE. to leave in sec. 10. An old abandoned stretch of the same highway, still in use, makes an easterly swing of the same route. Traversing up thru the Oak Creek bottom, an improved, all-weather gravel road connects Cornville with Hwy. No. 79. Other numerous roads to ranches and farms are well graded, year-around roads.

Oak Creek School, District No. 16, a two room building, is in sec. 35 about 5 chs. southeast from the  $\frac{1}{4}$  sec. cor. of secs. 34 and 35.

#### FINAL FIELD TESTS OF INSTRUMENTS.

Buff and Buff transit No. 18002  
Ty White, Public Land Surveyor.

May 18, 1938: at camp on Spring Creek, in NW $\frac{1}{4}$ SW $\frac{1}{4}$  of sec. 22, Frac. T. 16 N., R. 4 E., G. & S.R.M., Arizona, in latitude 34°45'48" N., and longitude 111°55'W., examine the adjustments of Buff and Buff transit No. 18002 and find no errors. Then, using the reference point determined at this station by Polaris observation on April 24, 1938, as described at the beginning of these field notes, test the solar apparatus of this instrument as follows:

At 9h. 00m., a.m., app.t., set off 34°46'N. on the latitude arc; 19°31'N. 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 19°32 $\frac{1}{2}$ ' N. 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 19°34'N. 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 thruout the resurveys described in the foregoing field notes.

Buff and Buff transit No. 10125  
Norville E. Shearer, Public Land Surveyor.

May 18, 1938: at same station, examine the adjustments of Buff and Buff transit No. 10125 and find no errors, then, using the same reference point, test the solar apparatus of the instrument as follows:

At 9h. 00m.; a.m., app.t., set off  $34^{\circ}46'N.$  on the latitude arc;  $19^{\circ}31'N.$  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  $19^{\circ}32\frac{1}{2}' N.$  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  $19^{\circ}34'N.$  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 thruout the resurveys described in the foregoing field notes.

Young and Sons transit No. 8385  
Frank Kennon, Public Land Surveyor.

May 18, 1938: at same station, examine the adjustments of Young and Sons transit No. 8385 and find no errors, then, using the same reference point; test the solar apparatus of the instrument as follows:

At 9h. 00m., a.m., app.t., set off  $34^{\circ}46'N.$  on the latitude arc;  $19^{\circ}31'N.$  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  $19^{\circ}32\frac{1}{2}' N.$  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  $19^{\circ}34'N.$  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 thruout the resurveys described in the foregoing field notes.



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BOOK 4193

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Norville E. Shearer, Public Land Surveyor, ~~do~~ HEREBY CERTIFY upon honor that, in  
and supplemental special  
pursuance of special instructions bearing dates of the 8th day of April and 3rd day of May, 1938,  
received from the district cadastral engineer for Arizona, with assignment  
instructions dated April 22, 1938, I have resurveyed

part of the Subdivision lines of  
Fractional Township No. 16 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  
resurvey 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  
February 24 1939.

Norville E. Shearer  
Public Land Surveyor

~~CERTIFICATE OF APPROVAL~~

~~Office of U.S. Supervisor of Surveys,~~

~~19~~

~~The foregoing field notes of the survey of~~

~~executed by~~  
~~under special instructions dated~~ ~~and assignment~~  
~~instructions dated~~ ~~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.~~

~~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.~~



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BOOK 4193

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Frank Kennon, Public Land Surveyor, HEREBY CERTIFY upon honor that, in  
and supplemental special  
pursuance of special instructions bearing date of the 8th day of April and  
3rd day of May, 1938,  
received from the district cadastral engineer for Arizona, with assignment  
instructions dated April 22, 1938, I have resurveyed part of the South boundary  
and part of the Subdivision lines of  
Fractional Township No. 16 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  
resurveys 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  
January 4 1939.

Frank Kennon  
Public Land Surveyor.

~~CERTIFICATE OF APPROVAL~~

~~Office of U.S. Supervisor of Surveys,~~  
~~1939~~

~~The foregoing field notes of the survey of~~

~~executed by~~  
~~supplemental~~  
~~under special instructions dated~~, and assignment  
~~instructions dated~~, having been critically examined, and  
~~the necessary corrections made prior to their certification by the engineer, the said field notes, and the surveys~~  
~~therein described, are hereby approved.~~

~~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.~~



BOOK 4193

CERTIFICATE OF ~~UNITED STATES~~ SURVEYOR

I, Ty White Public Land Surveyor, HEREBY CERTIFY upon honor that, in  
 and supplemental special  
 pursuance of special instructions bearing date of the 8th day of April and  
3rd day of May, 1938,  
 received from the district cadastral engineer for Arizona, with assignment  
 instructions dated April 22, 1938, I have resurveyed part of the South boundary  
 part of the West boundary  
 and part of the Subdivision lines of  
Fractional Township No. 16 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  
 resurveys 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  
June 12, 1939

Ty White  
 Public Land Surveyor.

CERTIFICATE OF APPROVAL

OFFICE OF THE SUPERVISOR OF SURVEYS,  
 Denver, Colo., JUN 15 1940, 1940

The foregoing field notes of the resurvey of part of the South boundary, part of  
 the West boundary, and part of the Subdivision lines of  
Fractional Township No. 16 North, Range No. 4 East  
of the Gila and Salt River Meridian, in the State of Arizona  
 executed by Ty White, Norville E. Shearer & Frank Kennon, Public Land Surveyors,  
 and supplemental special April 8 and  
 under special instructions dated May 3, 1938, for Group 223, Arizona, and assignment  
 instructions dated April 22, 1938, having been critically examined, and  
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the <sup>re</sup> surveys  
 therein described, are hereby approved.

Frank Kennon  
 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~~