



BOOK 3910

FIELD NOTES

OF THE RESURVEY OF THE

East Boundary of Township 8 South, Range 15 West

Part of the South Boundary

and Part of the Subdivision Lines of

Township 8 South, Range 14 West

AND OF THE SURVEY OF

Part (Completion) of the South Boundary

and Part (Completion) of the Subdivision Lines of

Township 8 South, Range 14 West

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Francis E. Joy, U.S. Cadastral Engineer

In the capacity of U. S. Surveyor, under Special Instructions dated October 23, 1928, issued by the District Cadastral Engineer to govern surveys included in Group No. 156 Arizona, which were approved by the Commissioner of the General Land Office, November 16, 1928, and Assignment Instructions dated October 21, 1930

Resurvey and Survey commenced November 5, 1930

Resurvey and Survey completed November 22, 1930

3910

3910

INDEX DIAGRAM.

Township _____, Range _____

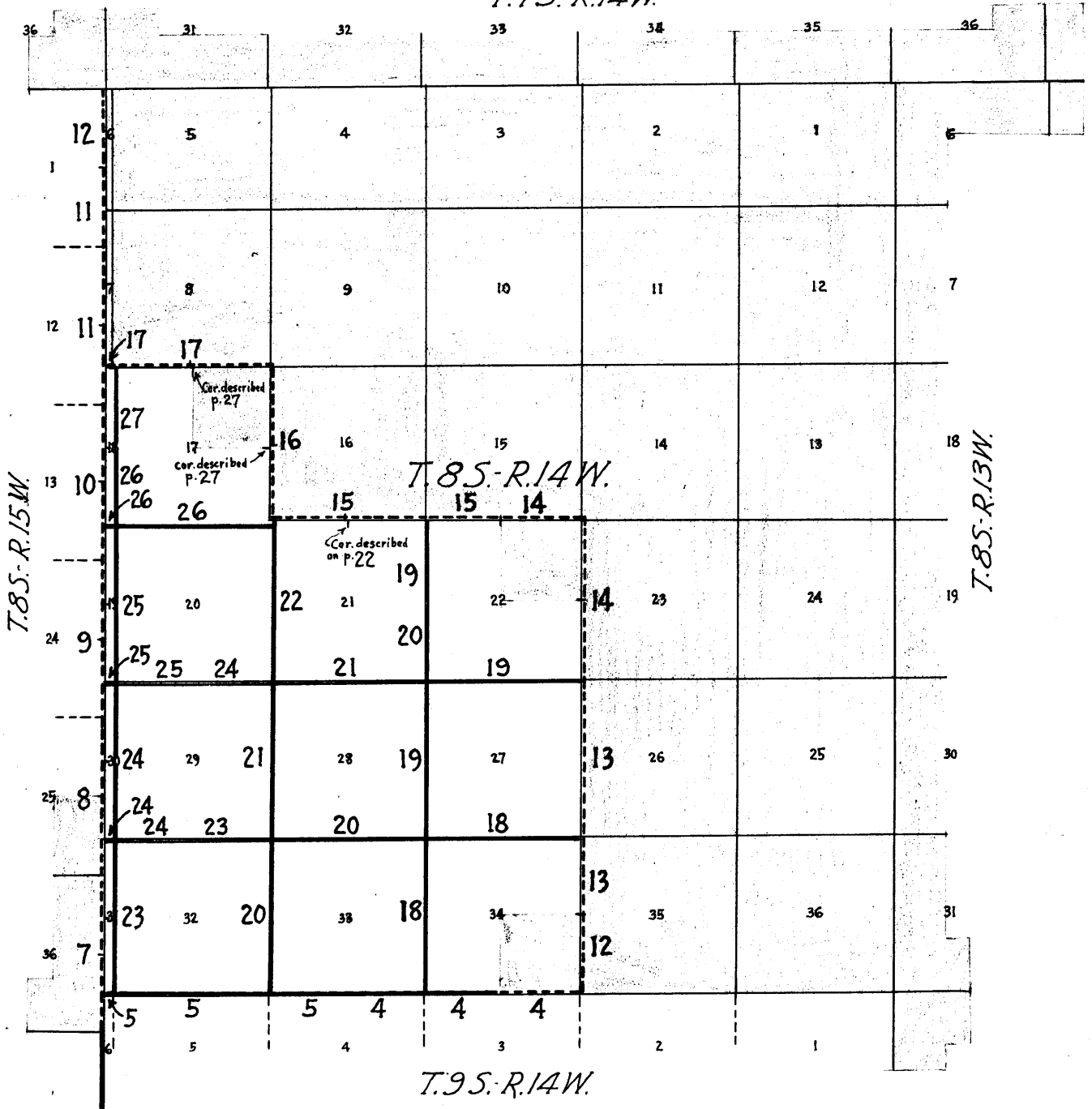
6	5	4	3	2	1
7	8	9	10	11	12
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GOVERNMENT PRINTING OFFICE

Book "F"
Group 156 Arizona
INDEX DIAGRAM

BOOK 3910

T.7S.-R.14W.



————— Surveyed under this group.

- - - - - Resurveyed under this group.

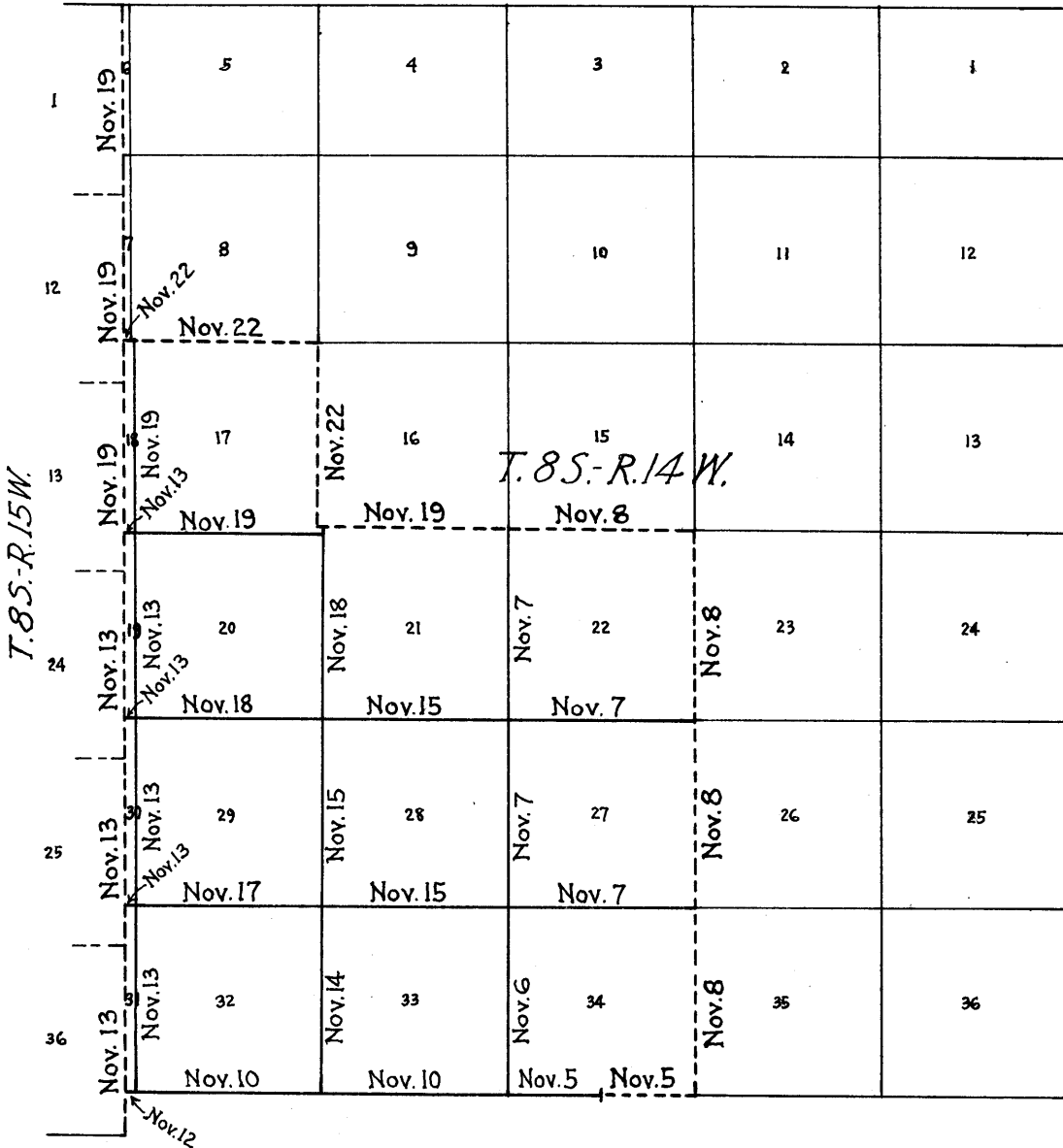
————— Accepted surveyed lines.

- - - - - Unsurveyed.

▒▒▒▒▒ Areas surveyed as per accepted plats on file.

Book "F"
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 DATE DIAGRAM
 1930.

BOOK 3910



— Nov. 14 — Surveyed.

- - - Nov. 22 - - - Resurveyed.

— Accepted surveyed lines.

- - - - - Unsurveyed.

} By Francis E. Joy, U.S. Cadastral Engineer,
 on dates (1930) shown thereon.

T. 8 S., R. 14 W.

Chains.

The resurvey of the E. bdy. of T. 8 S., R. 15 W., the completion of the S. bdy. and subdivisions of T. 8 S., R. 14 W., G. and S. R. B. & M., were executed with a light mountain solar transit made by Buff & Buff, Serial No. 16723, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of $4\frac{1}{2}$ ins., with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 4 ins., with one double vernier reading to single minutes. The instrument is equipped with the improved Smith solar attachment; radius of latitude arc $2\frac{1}{2}$ ins., and of declination arc $3\frac{1}{2}$ ins., each with verniers reading to single minutes. The instrument was in good condition, having been placed in satisfactory adjustment prior to beginning the survey, tested and found free from appreciable error and was approved by the district cadastral engineer on October 21, 1930. Examine all the instrumental adjustments before making the field tests hereinafter described.

The direction of all lines were determined by the solar transit method. The measurements were made with a Lallie steel tape, 5 chs. in length, graduated every link for the first 100 lks. and thereafter at intervals of 10 lks. The tape was tested by comparison with a Keuffel & Esser standard and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

At camp near the center of sec. 17, T. 8 S., R. 14 W., latitude $32^{\circ} 44'$ N., longitude $113^{\circ} 45'$ W., make the following observations for the determination of azimuth, and to verify time and latitude.

November 2, 1930, at 5h 14m 30s p.m., l.m.t. or 5h 49m 26s p.m. by watch, which reads correct 105th meridian time as determined by comparison with a Western Union clock, make an hour angle observation on Polaris, east of the meridian, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a stone mound about $1\frac{1}{2}$ miles S., in the direction S-E-N to Polaris.

Mean horizontal angle Polaris to mound	178° 33' 30" N-E-S
Azimuth of Polaris	1° 16' 00" E.
True bearing to mound	N. 179° 49' 30" E.
	or S. 0° 10' 30" E.

November 3, make a meridian observation on the sun for time and latitude, observing simultaneously the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously the altitude of the sun's upper limb and the transit of the sun's east limb:

Mean observed altitude	42° 17' 30"
Reduced latitude	32° 42' 02" N.
Mean watch time of observation	12h 18m 35s
Watch fast of local mean time	34m 57s

November 4; every hour from 8 to 11 a.m. and from 1:30 to 4:30 p. m., make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1' 30".

Repeat the tests of the arcs daily by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

SOUTH BOUNDARY OF T. 8 S., R. 14 W.
Resurvey of Part and
Survey of Part (Completion)

Chains.

An independent resurvey of the E $\frac{1}{2}$ of the S. bdy. of sec. 34, as executed by Lewis Wolfley, U. S. Deputy Surveyor, in 1893, and the completion of the survey of the S. bdy. of T. 8 S., R. 14 W.

Commence at the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp., which is a redwood post, 6 ins. sq., 30 ins. long, loosely set in a mound of stone, marked and witnessed as described in the official record.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, with brass cap mkd.

T8S | R14W
S34 | S35

S3 | S2
T9S
1930

raise a mound

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

Thence

West, on a true line, bet. secs. 3 and 34.

Ascend 90 ft. over rolling land; general NE. slope.

.40 Draw, drains NE.

10.00 Wash, 50 lks. wide, course NE.

25.50 Low spur from ridge, slopes NE.; thence along rolling N. slope.

32.00 Descend 23 ft. over NW. slope to

36.00 Draw, drains N.

39.00 Wash, 20 lks. wide, 10 ft. deep, course NE.

39.85 The original $\frac{1}{4}$ sec. cor. of secs. 3 and 34, bears N. 36 lks. dist.; a post, 3 ins. sq., 30 ins. long, marked and witnessed as described in the official record. Destroy this corner monument.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on face of a gravel bank 20 ft. high.

41.50 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S34
S3 WC

1930

raise a mound

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

Continue along N. edge of same wash.

47.00 Leave wash from SW.; ascend 745 ft. over broken and stony NE. slope.

54.40 Gulch, course NE.

77.50 Granite spur from ridge, slopes N.; descend 35 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, with a granite stone, 6 x 6 x 10 ins., mkd. X, deposited at base, and in a mound of stone to top, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd.

T8S | R14W
S33 | S34

S4 | S3
T9S
1930

Land, rolling and mountainous.
Soil, stony; 3rd and 4th rates.
No timber.

West, bet. secs. 4 and 33.

Ascend 566 ft. over rough and broken NE. slope.

19.80 Summit of Mohawk Mountains, bears NW. and SE.; descend 700 ft. over rough and broken SW. slope.

25.45 Spur from ridge, slopes SW., continue descent over NW. slope.

SOUTH BOUNDARY OF T. 8 S., R. 14 W.
Survey of Part (Completion)

Chains. 40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> $\frac{1}{4} \frac{S33}{S4}$ <p>1930</p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. This cor. is at base of granite bluff about 100 ft. high.</p> <p>Descend 680 ft. over NW. slope to</p>
65.60	<p>Wash, 20 lks. wide, 4 ft. deep, course SW.; descend gradually through scattering desert growth.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd.</p> $\begin{array}{c} T8S R14W \\ S32 S33 \\ \hline S5 S4 \\ T9S \\ 1930 \end{array}$ <p>raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling and mountainous. Soil, stony; 4th rate. Timber, palo verde and ironwood.</p>
<p>West, bet. secs. 5 and 32. Descend gradually through scattering palo verde and ironwood.</p>	
11.40	<p>Wash, course SW.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> $\frac{1}{4} \frac{S32}{S5}$ <p>1930</p> <p>dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.</p>
52.10	<p>Dim road, bears NW. and SE.</p>
55.00	<p>SE. end of isolated knoll.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.</p> $\begin{array}{c} T8S R14W \\ S31 S32 \\ \hline S6 S5 \\ T9S \\ 1930 \end{array}$ <p>from which</p> <p>A palo verde, 8 ins. diam., bears N. 62° 45' E., 56 lks. dist., mkd. T8S R14W S32 BT.</p> <p>A palo verde, 6 ins. diam., bears S. 11° 45' E., 148 lks. dist., mkd. T9S R14W S5 BT.</p> <p>Dig pits, 18 x 18 x 12 ins., in each sec. 3 ft. dist. Land, rolling. Soil, gravelly; 3rd rate. Timber, palo verde and ironwood; undergrowth, scattering creosote brush.</p>
<p>West, bet. secs. 6 and 31. Over level land, through scattering palo verde.</p>	
1.44	<p>Intersect the E. bdy. of T. 8 S., R. 15 W. Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, for closing cor. of Tps. 8 and 9 S., R. 14 W., with brass cap mkd.</p>

SOUTH BOUNDARY OF T. 8 S., R. 14 W.

Chains.

T8S	T8S
	R14W
R15W	S31
	S6
S36	T9S
1930	

dig pits,
18 x 18 x 12 ins., N., S. and E. of post, 3 ft. dist.
From point of intersection the cor. of Tps. 8 and 9 S.,
R. 15 W., bears S. 0° 03' E., 19.45 chs. dist., and the
 $\frac{1}{4}$ sec. cor. of E. bdy. of sec. 36, T. 8 S., R. 15 W., bears
N. 0° 03' W., 20.78 chs. dist.; both corners hereinafter
described.

Land, level.

Soil, sandy loam; 2nd rate.

Timber, palo verde.

RESURVEY OF THE EAST BOUNDARY OF T. 8 S., R. 15 W.

Reestablishment of the surveys executed by Lewis Wolfley.
U. S. Deputy Surveyor, in 1893.

- From the cor. of Tps. 8 and 9 S., R. 15 W.
- 40.23 North, on a random line along E. bdy. of sec. 36. ($S\frac{1}{2}$)
Fall 4 lks. E. of the $\frac{1}{4}$ sec. cor.
Thence from $\frac{1}{4}$ sec. cor.
- 40.15 North, on a random line along E. bdy. of sec. 36. ($N\frac{1}{2}$).
Fall 18 lks. E. of the cor. of secs. 25 and 36.
Thence from cor.
- 41.69 North, on a random line along E. bdy. of sec. 25. ($S\frac{1}{2}$)
Fall 17 lks. W. of the $\frac{1}{4}$ sec. cor.
Thence from $\frac{1}{4}$ sec. cor.
- 39.41 North, on a random line along E. bdy. of sec. 25 ($N\frac{1}{2}$).
Fall 32 lks. E. of the cor. of secs. 24 and 25.
Thence from cor.
- 40.30 North, on a random line along E. bdy. of sec. 24. ($S\frac{1}{2}$)
Fall 9 lks. E. of the $\frac{1}{4}$ sec. cor.
Thence from $\frac{1}{4}$ sec. cor.
- 39.58 North, on a random line along E. bdy. of sec. 24 ($N\frac{1}{2}$).
Fall 36 lks. W. of the cor. of secs. 13 and 24.
Thence from cor.
- 41.12 North, on a random line along E. bdy. of sec. 13. ($S\frac{1}{2}$)
Fall 69 lks. E. of the $\frac{1}{4}$ sec. cor.
Thence from $\frac{1}{4}$ sec. cor.
- 39.15 North, on a random line along E. bdy. of sec. 13 ($N\frac{1}{2}$).
Fall 39 lks. E. of the cor. of secs. 12 and 13.
Thence from cor.
- 42.14 North, on a random line along E. bdy. of sec. 12. ($S\frac{1}{2}$)
Fall 18 lks. E. of the $\frac{1}{4}$ sec. cor.
Thence from $\frac{1}{4}$ sec. cor.
- 39.12 North, on a random line along E. bdy. of sec. 12 ($N\frac{1}{2}$).
Fall 72 lks. W. of the cor. of secs. 1 and 12.
Thence from cor.
- 40.22 North, on a random line along E. bdy. of sec. 1. ($S\frac{1}{2}$)
Fall 50 lks. E. of the $\frac{1}{4}$ sec. cor.
Thence from $\frac{1}{4}$ sec. cor.
- 39.60 North, on a random line along E. bdy. of sec. 1 ($N\frac{1}{2}$).
Fall 6 lks. W. of the cor. of Tps. 7 and 8 S., Rs. 14
and 15 W.

Return to the cor. of Tps. 8 and 9 S., R. 15 W. and
run northerly on true line rebuilding all corners along
the E. bdy. of T. 8 S., R. 15 W., to refer to said Tp.
only. A second set of cors. is set at intervals of 40
and 80 chs. in latitude, counting from the closing cor. of
Tps. 8 and 9 S., R. 14 W., to and including the $\frac{1}{4}$ sec.
cor. of sec. 18 to refer to T. 8 S., R. 14 W. only.

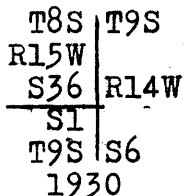
RESURVEY OF THE EAST BOUNDARY OF T. 8 S., R. 15 W.

Chains.

The cor. of Tps. 8 and 9 S., R. 15 W. is a redwood post, 4 ins. sq., 30 ins. above ground, firmly set and marked as described in the official record. No evidence of pits found.

North and alongside of old cor.

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, for cor. of Tps. 8 and 9 S., R. 15 W., with brass cap mkd.



18 x 18 x 12 ins., N., S. and W. of post, 3 ft. dist. dig pits,
Thence

N. 0° 03' W., on a true line along E. bdy. of sec. 36. (S $\frac{1}{2}$)
Over level land, through brush.

18.00 No trace found of original closing cor. of Tps. 8 and 9 S., R. 14 W., established by L. Wolfley, U.S.D.S. in 1893.

18.15 Dim road, bears NW. and SE.; enter scattering timber.

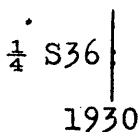
19.45 The re-established closing cor. of Tps. 8 and 9 S., R. 14 W., hereinbefore described.

36.50 A dim road, bears NW. and SE.

40.23 The $\frac{1}{4}$ sec. cor. of sec. 36 only, which is a palo verde post, 4 ins. diam., 2 $\frac{1}{2}$ ft. long, loosely set, marked and witnessed as described in the official record.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36 only, with brass cap mkd.



A palo verde, 6 ins. diam., bears N. 60° 00' W., 124 lks. dist., mkd. BT. from which (Old BT.)

A palo verde, 8 ins. diam., bears N. 60° 00' W., 126 lks. dist., mkd. in bark $\frac{1}{4}$ S36 BT. (New BT.)

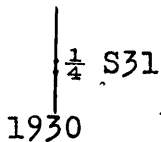
A palo verde, 6 ins. diam., bears S. 50° 00' W., 177 lks. dist., mkd. in bark $\frac{1}{4}$ S36 BT. (New BT.)

Thence

N. 0° 15' W., on a true line along E. bdy. of sec. 36. (N $\frac{1}{2}$)
An arroyo, course SW.

14.40

19.22 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap mkd.



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

28.00

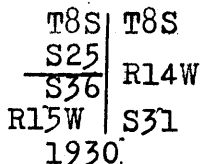
Wash, 30 lks. wide, 3 ft. deep, course SW.

40.15

The cor. of secs. 25 and 36 only, which is a post, 4 ins. sq., 30 ins. long, properly marked and loosely set.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 25 and 36 only, with brass cap mkd.



A palo verde, 7 ins. diam., bears N. 68° 00' W., 48 lks. dist., mkd. T8S R15W S25 BT. from which

RESURVEY OF THE EAST BOUNDARY OF T. 8 S., R. 15 W.

Chains.

A palo verde, 4 ins. diam., bears S. 26° 00' W., 85 lks. dist., mkd. in bark, BT only.
 Land, rolling.
 Soil, sandy loam and gravelly; 2nd and 3rd rates.
 Timber, scattering palo verde and ironwood; undergrowth, scattering creosote brush.

19.07 N. 0° 14' E., on a true line along E. bdy. of sec. 25. (S½)
 Gradually ascend through scattering brush.
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 30 and 31 only, with brass cap mkd.

T8S	T8S
R15W	S30
S25	S31
1930	R14W

28.85 of stone, 3 ft. base, 2 ft. high, E. of cor. raise a mound
 Head of dry drain, course SW.; ascend 198 ft. over S. slope in cove.

33.15 Top of isolated hill, bears SE. and SW.; descend 169 ft. over N. slope to

41.69 The ¼ sec. cor. of sec. 25 only, which is a post, 2 x 4 x 30 ins., loosely set, mkd. and witnessed as described in the official recbrd.

At point for cor.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 25 only, with brass cap mkd.

¼ S25
1930

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

Thence N. 0° 28' W., on a true line along E. bdy. of sec. 25. (N½)
 Over rolling W. slope.

3.16 Dry drain, course W.

12.57 Dry drain, course W.

17.38 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 30 only, with brass cap mkd.

¼ S30
1930

28.83 of stone, 2 ft. base, 1½ ft. high, E. of cor. raise a mound
 Dry drain, course W.

39.41 The cor. of secs. 24 and 25 only, which is a post, 6 ins. sq., 3 ft. long., properly marked and loosely set.

At point for cor.
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 24 and 25 only, with brass cap mkd.

T8S	T8S
S24	R14W
S25	S30
R15W	1930

of stone, 3 ft. base, 2 ft. high, W. of cor. raise a mound
 Land, rolling and broken.
 Soil, gravelly, 3rd rate; stony, 4th rate.
 No timber; undergrowth, scattering creosote brush.

RESURVEY OF THE EAST BOUNDARY OF T. 8 S., R. 15 W.

Chains.

17.75 N. 0° 08' W., on a true line along E. bdy. of sec. 24. (S $\frac{1}{2}$)
Over rolling W. slope through scattering brush.
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground, for witness cor. to cor. of secs. 19 and 30
only, with brass cap mkd.

WC	
T8S	T8S
R15W	S19
	S30
S24	R14W
1930	

17.97 raise a mound
of stone, 3 ft. base, 2 ft. high, E. of cor.
The true point for the cor. of secs. 19 and 30 only, falls
in a wash, 15 lks. wide, course W.

25.35 Dry drain, course NW.

34.95 Dry drain, course W.

40.30 The $\frac{1}{4}$ sec. cor. of sec. 24 only, which is a granite stone,
14 x 16 x 4 ins. above ground, firmly set, marked and
witnessed as described in the official record.

North and alongside of cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor. of sec. 24 only, with brass cap
mkd.

$\frac{1}{4}$ S24
1930

rebuild mound
of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Thence

N. 0° 31' E., on a true line along E. bdy. of sec. 24. (N $\frac{1}{2}$)
Wash, 20 lks. wide, 4 ft. deep, course W.

13.75 Dry drain, course W.; ascend 140 ft. over SW. slope to

17.67 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock, with a granite stone, 10 x 6 x 5 ins.,
mkd. X, deposited at base, and in a mound of stone to
top, for $\frac{1}{4}$ sec. cor. of sec. 19 only, with brass cap
mkd.

$\frac{1}{4}$ S19

1930

Ascend 143 ft. to

20.20 Spur from ridge, slopes W.; descend 70 ft. to ravine.

28.35 Head of ravine, course NW.; ascend 222 ft. to

35.25 Spur from ridge, slopes W.; descend 117 ft.

39.58 The cor. of secs. 13 and 24, which is a post, 6 ins. sq.,
3 ft. long, loosely set, marked and witnessed as describ-
ed in the official record.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
ground to bedrock, with a granite stone, 10 x 6 x 4
ins., mkd. X, deposited at base, and in a mound of stone
to top, for cor. of secs. 13 and 24 only, with brass
cap mkd.

T8S	T8S
S13	R14W
S24	S19
R15W	S19
1930	

Land, rolling and mountainous.

Soil, gravelly and stony; 3rd and 4th rates.

No timber; undergrowth, scattering creosote brush.

RESURVEY OF THE EAST BOUNDARY OF T. 8 S., R. 15 W.

Chains. N. 0° 58' W., on a true line along E. bdy. of sec. 13. (S $\frac{1}{2}$)
 Over mountainous land.

1.10 Ravine, course NW.; ascend 109 ft. over SW. slope to
 5.35 Summit of Mohawk Mountains, bears NW. and SE.; descend
 248 ft. over NE. slope.

18.09 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the
 ground to bedrock, with a marked granite stone, 8 x 6 x
 6 ins., mkd. X, deposited at base, and in a mound of
 stone to top, for cor. of secs. 18 and 19 only, with
 brass cap mkd.

T8S	T8S
	S18
R15W	S19
S13	R14W

1930

Mohawk station bears W. about 20.00 chs. dist.

23.87 Telegraph line, bears E. and W.
 27.76 Middle of single track, Southern Pacific, at W. end of
 short tangent bears N. 65° 30' E. and curves to SW.

35.90 Wash, 50 lks. wide, 5 ft. deep, course SE.
 36.40 Highway, (U. S. 80) at E. end of bridge across wash, bears
 NE. and SW.

39.90 Telephone line, bears E. and W.
 41.13 The $\frac{1}{4}$ sec. cor. for sec. 13 only, which is a mound of
 earth and slight evidence of pits.
 At point for cor.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of sec. 13 only, with brass cap
 mkd.

$\frac{1}{4}$ S13

1930

raise a mound

of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Thence

2.35 N. 0° 34' W., on a true line along E. bdy. of sec. 13. (N $\frac{1}{2}$)
 Wash, 20 lks. wide, 4 ft. deep, course SW.; ascend 60 ft.
 gradually to

12.60 Ascend 130 ft. over broken SW. slope.
 16.96 The true point for the $\frac{1}{4}$ sec. cor. of sec. 18 only, falls
 on bluff 30 ft. high.

17.78 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for witness cor. to $\frac{1}{4}$ sec. cor. of sec. 18 only, with
 brass cap mkd.

$\frac{1}{4}$ S18
WC

1930

raise a mound

of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

18.60 Top of spur ridge, bears NW. and SE.; descend 187 ft. over
 broken NE. slope to

35.25 Dry drain, course NE.; thence over rolling E. slope.
 38.15 Dry drain, course NE.
 39.15 The cor. of secs. 12 and 13 only, which is a post, 6 ins.
 sq., 3 ft. long, properly marked, lying on a small mound
 of gravel.
 At point for cor.
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for cor. of secs. 12 and 13 only, with brass
 cap mkd.

T8S	T8S
S12	R14W
S13	S18
R15W	

1930

raise a mound

of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous and rolling.

RESURVEY OF THE EAST BOUNDARY OF T. 8 S., R. 15 W.

Chains.

Soil, gravelly and stony; 3rd and 4th rates.
No timber.

N. 0° 15' W., on a true line along E. bdy. of sec. 12.(S½)
Over rolling E. slope.

- 7.20 Wash, 100 lks. wide, 4 ft. deep, course NE.
- 10.80 Wash, 30 lks. wide, 4 ft. deep, course E.
- 18.59 The closing cor. of secs. 7 and 18, hereinafter described.
- 18.70 Dry drain, course NE.
- 24.50 Dry drain, course E.
- 27.10 Wash, 100 lks. wide, 2 ft. deep, course NE.
- 38.60 Dry drain, course E.; ascend 45 ft.
- 40.60 Spur from ridge, slopes E.; descend slightly to
- 42.14 The ¼ sec. cor. of sec. 12 only, which is a rotted post, showing scribe marks and set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 12 only, with brass cap mkd.

¼ S12

1930

raise a mound

of stone, 2 ft. base, 1½ ft. high, W. of cor.

Thence

N. 1° 03' E., on a true line along E. bdy. of sec. 12.(N½)
Ascend 87 ft. over S. slope.

- 3.45 Spur from ridge, slopes SE; descend 136 ft. over NE. slope.
- 10.00 Enter rolling land and brush, bears NW. and SE.
- 14.00 Wash, course E.
- 28.40 Wash, course NE.
- 32.00 Wash, course NE.
- 39.13 The cor. of secs. 1 and 12 only, which is a badly rotted post, showing scribe marks and set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 1 and 12 only, with brass cap mkd.

T8S | T8S
S1 | R14W
S12 |
R15W | S7
1930

raise a mound

of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling and broken.

Soil, gravelly and stony; 3rd and 4th rates.
No timber; undergrowth, creosote brush.

N. 0° 43' W., on a true line along E. bdy. of sec. 1.(S½)
Over rolling land, through brush.

- 13.60 Road, bears NE. and SW.
- 15.30 Wash, course NE.
- 17.52 The closing cor. of secs. 6 and 7, which is a pine post, 4 ins. sq., 4 ft. long, lying on ground 18 lks. E. of a small mound of gravel.

At point for cor. (center of gravel mound)

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for closing cor. of secs. 6 and 7, with brass cap mkd.

T8S | T8S
S6 |
R15W | S7 CC
S1 | R14W
1930

dig pits,

18 x 18 x 12 ins., N., S. and E. of post, 3 ft. dist.
From this point the cor. of secs. 5, 6, 7 and 8, bears

RESURVEY OF THE EAST BOUNDARY OF T. 8 S., R. 15 W.

Chains.

32.00 East, 64 lks. dist.; a post, 4 ins. sq., 3 ft. above ground, set in a mound of gravel.
 Road, bears NW. and SE.
 40.22 The $\frac{1}{4}$ sec. cor. of sec. 1 only, which is a small mound of earth between pits nearly filled.
 At point for cor.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1 only, with brass cap mkd.

$\frac{1}{4}$ S1

1930

redig pits,
 18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.
 Thence

39.60 N. 0° 05' E., on a true line along E. bdy. of sec. 1. (N $\frac{1}{2}$)
 Over level land through dense brush.
 The cor. of Tps. 7 and 8 S., Rs. 14 and 15 W., which is a mesquite post, 5 ins. sq., 3 ft. above ground, firmly set, marked and witnessed as described in the official record.

North and alongside

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, for cor. of Tps. 7 and 8 S., Rs. 14 and 15 W., with brass cap mkd.

T7S	
R15W	R14W
S36	S31
S1	S6

T8S
 1930

dig new pits,
 18 x 18 x 12 ins., N., S., E. and W. of post, 3 ft. dist.
 Land, level and rolling.
 Soil, sandy loam, 2nd rate; and gravelly, 3rd rate.
 No timber; undergrowth, mesquite and creosote brush.

RESURVEY of PART of the SUBDIVISION LINES of T. 8 S., R. 14 W.

40.09 From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the Tp., hereinbefore described.
 North, on a random line, bet. secs. 34 and 35. (S $\frac{1}{2}$)
 Fall 11 lks. W. of the $\frac{1}{4}$ sec. cor.
 Thence from $\frac{1}{4}$ sec. cor.
 40.14 North, on a random line bet. secs. 34 and 35. (N $\frac{1}{2}$).
 Fall 61 lks. E. of the cor. of secs. 26, 27, 34 and 35.
 Return to the cor. of secs. 2, 3, 34 and 35.
 Thence
 N. 0° 09' E., on a true line, bet. secs. 34 and 35. (S $\frac{1}{2}$)
 Over rolling land, through scattering timber.
 1.00 Draw, drains NE.
 22.60 Shallow wash, 2.00 chs. wide, course NE.
 35.30 Dry drain, course NE.
 40.09 The $\frac{1}{4}$ sec. cor., which is a post, 3 ins. sq., 3 ft. long, loosely set in a mound of earth, marked and witnessed as described in the official record.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1930

redig pits.

RESURVEY OF PART of the SUBDIVISION LINES of

T. 8 S. R. 14 W.

Chains.	<p>18 x 18 x 12 ins., N. and S. of post, 3 ft. dist. Thence N. 0° 52' W., on a true line bet. secs. 34 and 35 (N$\frac{1}{2}$). 3.00 Dry drain, course NE. 10.65 Dry drain, course NE. 16.15 Top of isolated hill, extends W. about 15 chs. and E. about 5 chs. 26.95 Dry drain, course NE. 40.14 The cor. of secs. 26, 27, 34 and 35, which is a post, 6 ins. sq., 2$\frac{1}{2}$ ft. long, loosely set in a mound of earth, marked and witnessed as described in the official record. At point for cor. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T8S</td><td>R14W</td></tr> <tr><td>S27</td><td>S26</td></tr> <tr><td>S34</td><td>S35</td></tr> <tr><td colspan="2">1930</td></tr> </table> <p style="text-align: right;">raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, gravelly; 2nd rate. Timber, scattering palo verde and ironwood.</p>	T8S	R14W	S27	S26	S34	S35	1930				
T8S	R14W											
S27	S26											
S34	S35											
1930												
40.04	<p>North, on a random line bet. secs. 26 and 27. (S$\frac{1}{2}$) Fall 36 lks. E. of the $\frac{1}{4}$ sec. cor. Thence from the $\frac{1}{4}$ sec. cor. 40.04 North, on a random line bet. secs. 26 and 27. (N$\frac{1}{2}$) Fall 34 lks. E. of the cor. of secs. 22, 23, 26 and 27 Returning to the cor. of secs. 26, 27, 34 and 35. Thence N. 0° 31' W., on a true line bet. secs. 26 and 27. (S$\frac{1}{2}$) Over nearly level land, through scattering timber. 7.50 Dry drain, course NE. 17.00 Dry drain, course NE. 33.80 Dry drain, course NE. 40.04 The $\frac{1}{4}$ sec. cor., which is a post, 2 x 4 ins., 30 ins. long, loosely set in a mound of earth, marked and witnessed as described in the official record. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>$\frac{1}{4}$</td></tr> <tr><td>S27 S26</td></tr> <tr><td>1930</td></tr> </table> <p style="text-align: right;">raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor. Thence N. 0° 29' W., on a true line bet. secs. 26 and 27 (N$\frac{1}{2}$). 14.80 Dim road, bears NW. and SE. 40.04 The cor. of secs. 22, 23, 26 and 27, which is a post, 6 ins. sq., 2$\frac{1}{2}$ ft. long, loosely set in a small mound of stone, from which A palo verde, 8 ins. diam., bears S. 55° 00' E., 135 lks. dist., mkd. T8S R14W S26 BT. At point for cor. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T8S</td><td>R14W</td></tr> <tr><td>S22</td><td>S23</td></tr> <tr><td>S27</td><td>S26</td></tr> <tr><td colspan="2">1930</td></tr> </table> <p style="text-align: right;">raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, W. of cor.</p>	$\frac{1}{4}$	S27 S26	1930	T8S	R14W	S22	S23	S27	S26	1930	
$\frac{1}{4}$												
S27 S26												
1930												
T8S	R14W											
S22	S23											
S27	S26											
1930												

RESURVEY OF PART OF THE SUBDIVISION LINES COPT. S. S.,

T. 8 S., R. 14 W.

Chains.

Land, nearly level.
Soil, sandy and gravelly loam; 2nd rate.
Timber, palo verde and ironwood.

- 40.14 North, on a random line bet. secs. 22 and 23. ($S\frac{1}{2}$)
Fall 18 lks. W. of the $\frac{1}{4}$ sec. cor.
Thence from $\frac{1}{4}$ sec. cor.
40.14 North, on a random line bet. secs. 22 and 23 ($N\frac{1}{2}$).
Fall 30 lks. W. of the point for cor. of secs. 14, 15, 22 and 23.
Returning to the cor. of secs. 22, 23, 26 and 27.
Thence
6.15 N. $0^{\circ} 15'$ E., on a true line bet. secs. 22 and 23. ($S\frac{1}{2}$)
Over nearly level land, through scattering timber.
Enter a shallow wash, skirted with heavy timber, course
N. 20° E.
15.15 Leave wash and timber.
36.65 Dry drain, course NE.
40.14 The $\frac{1}{4}$ sec. cor., which is a post, 2 x 4 ins. by 30 ins. 1
long, loosely set in mound of earth, marked and witness-
ed as described in the official record.
At point for cor.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \hline S22 | S23 \\ \hline 1930 \end{array}$$

- raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Thence
25.00 N. $0^{\circ} 26'$ E., on a true line bet. secs. 22 and 23. ($N\frac{1}{2}$)
Enter land covered with numerous small shallow washes
draining NE.
40.14 The point for cor. of secs. 14, 15, 22 and 23, deter-
mined from original NE. bearing tree.
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground, for cor. of secs. 14, 15, 22 and 23, with brass
cap mkd.

$$\begin{array}{c} T8S | R14W \\ S15 | S14 \\ S22 | S23 \\ \hline 1930 \end{array}$$

- from which
A dead palo verde, 6 ins. diam., bears N. $20^{\circ} 00'$ E.,
115 lks. dist., mkd. T8S R14W S14 BT. (Old BT.)
Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.
Land, nearly level.
Soil, sandy and gravelly loam; 2nd rate.
Timber, palo verde and ironwood.

- 40.43 West, on a random line bet. secs. 15 and 22. ($E\frac{1}{2}$)
Fall 32 lks. S. of the $\frac{1}{4}$ sec. cor.
Thence from the $\frac{1}{4}$ sec. cor.
39.97 West, on a random line bet. secs. 15 and 22 ($W\frac{1}{2}$).
Fall 23 lks. S. of the cor. of secs. 15, 16, 21 and 22.
Returning to the cor. of secs. 14, 15, 22 and 23.
Thence
5.40 N. $89^{\circ} 33'$ W., on a true line bet. secs. 15 and 22. ($E\frac{1}{2}$)
Over nearly level land, through scattering timber, and
over land crossed by numerous shallow washes.
11.40 Leave shallow washes, course NE.
32.90 Shallow wash, 2.00 chs. wide, course NE.
40.00 Shallow wash, 1.00 ch. wide, course NE.
Dry drain, course NE.

RESURVEY OF PART of the SUBDIVISION LINES of T. 8 S. R. 14 W.

T. 8 S. R. 14 W.

Chains.	
40.43	The $\frac{1}{4}$ sec. cor., which is a post, 2 x 4 ins. by 30 ins. long, loosely set in a mound of earth, marked and witnessed as described in the official record. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S15 S22
	1930
	renew the pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
	Thence N. 89° 40' W., on a true line bet. secs. 15 and 22 ($W\frac{1}{2}$).
6.00	Dry drain, course NE.
21.00	Shallow wash, 2.00 chs. wide, course NE.
30.00	Shallow wash, 2.00 chs. wide, course NE.
39.97	The cor. of secs. 15, 16, 21 and 22, where I find a mound of earth from which post has been removed, and evidence of four pits, one in each sec., NE., SE., SW., and NW. of mound. At point for cor. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap mkd.
	T8S R14W S16 S15 S21 S22 1930
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, nearly level. Soil, sandy and gravelly; 2nd rate. Timber, scattering palo verde and ironwood.
40.51	West, on a random line bet. secs. 16 and 21. Intersect the $\frac{1}{4}$ sec. cor.
80.70	Intersect the cor. of secs. 16, 17, 20 and 21. Returning to the cor. of secs. 15, 16, 21 and 22. Thence West, on a true line along the S. bdy. of sec. 16. Over nearly level land, through scattering timber.
1.10	Dim road, bears N. and S.
8.70	Wash, 15 lks. wide, 18 ins. deep, course NE.
11.35	A flood water diversion dike, bears NE. and S.
40.51	The $\frac{1}{4}$ sec. cor., which is a post, 2 x 4 ins. by 3 ft. long, loosely set in a mound of earth, marked and witnessed as described in the official record, now becomes a cor. of sec. 16 only. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 16 only, with brass cap mkd.
	$\frac{1}{4}$ S16
	1930
	renew the pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
41.80	Dry drain, course NE.
49.01	Telegraph line parallel to railroad.
49.10	Dry drain, course NE.
63.96	Railroad telephone line parallel to railroad.
67.16	Middle of single track, Southern Pacific railroad, on curve, bears S. 72° 30' W. and N. 86° 30' E.
70.81	Telegraph line parallel to railroad.
78.10	Dry drain, course NE.
80.70	The cor. of secs. 16, 17, 20 and 21, which is a redwood post, 4 ins. sq., 3 ft. long, loosely set in a mound of earth, marked as described in the official record, and

RESURVEY OF PART of the SUBDIVISION LINES of ...

T.8.S14 R. 14 W.

Chains.

evidence of four pits, one in each section, NE., SE., SW. and NW., now becomes a cor. for sec. 16 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of sec. 16 only, with brass cap mkd.

T8S	R14W
	S16

S17

1930

dig two pits,

18 x 18 x 12 ins., 3 ft. and 6 ft. dist., NE. of cor.

Land, nearly level.

Soil, gravelly; 2nd rate.

Timber, scattering palo verde and ironwood.

39.88

North, on a random line bet. secs. 16 and 17.

Fall 2 lks. E. of the point for the $\frac{1}{4}$ sec. cor. (S $\frac{1}{2}$)

Thence from point for $\frac{1}{4}$ sec. cor.

40.04

North, on a random line bet. secs. 16 and 17 (N $\frac{1}{2}$).

Fall 34 lks. W. of the cor. of secs. 8, 9, 16 and 17.

Returning to the cor. of sec. 16 only.

Thence

N. 0° 02' W., on a true line along W. bdy. of sec. 16. (S $\frac{1}{2}$)

Over nearly level land, through scattering timber.

13.90

Wash, 15 lks. wide, course NE.

14.55

Highway, (U.S.80) bears E. and W.

15.20

Telephone line, bears E. and W.

39.88

The point for $\frac{1}{4}$ sec. cor., where I find a small mound of earth and evidences of two pits, N. and S. of mound 3 ft. dist. This cor. now becomes a cor. of sec. 16 only.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 16 only, with brass cap mkd.

	$\frac{1}{4}$ S16
--	-------------------

1930

renew the pits,

18 x 18 x 12 ins., N. and S. of post, 3 ft. dist.

Thence

N. 0° 29' E., on a true line along W. bdy. of sec. 16 (N $\frac{1}{2}$).

37.30

Dry drain, course NE.

40.04

The cor. of secs. 8, 9, 16 and 17, which is a redwood post, 6 ins. sq., 3 ft. long, set in a small mound of earth, marked as described in the official record, and evidence of four pits, one in each section, NE., SE., SW. and NW.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 8, 9, 16 and 17 with brass cap mkd.

T8S	R14W
S8	S9
S17	S16

1930

dig new pits,

18 x 18 x 12 ins., in each sec. 3 ft. dist.

A frame house, bears N. 30° E., about 8.50 chs. dist.

Land, nearly level.

Soil, sandy and gravelly; 2nd rate.

Timber, scattering palo verde and ironwood.

40.09

West, on a random line bet. secs. 8 and 17. (E $\frac{1}{2}$)

Fall 20 lks. N. of the point for $\frac{1}{4}$ sec. cor.

Thence from the point for $\frac{1}{4}$ sec. cor.

40.08

West, on a random line bet. secs. 8 and 17, (W $\frac{1}{2}$).

Fall 5 lks. S. of the cor. of secs. 7, 8, 17 and 18.

Returning to the cor. of secs. 8, 9, 16 and 17.

RESURVEY OF PART OF THE SUBDIVISION LINES of T. 8 S.,

T. 8 S., R. 14 W.

Chains.

Thence
S. 89° 43' W., on a true line, along S. bdy. of sec. 8. (E $\frac{1}{2}$)
Over nearly level land, through scattering timber.
10.90 Dim road, bears NE. and SW.
26.25 Road, Texas Hill Ranch to Highway, bears NE. and SW.
30.00 SE. cor. of cleared land.
38.00 Cabin, built of ties, bears N. about 8.00 chs. dist.
40.09 The point for $\frac{1}{4}$ sec. cor. determined from mound of earth
and evidence of two pits, E. and W. of mound. This
point now becomes a cor. of sec. 8 only.
At point for cor.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor. of sec. 8 only, with brass cap
mkd.

$\frac{1}{4}$ S8

1930

renew pits,

18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.

Thence
N. 89° 56' W., on a true line, along S. bdy. of sec. 8 (W $\frac{1}{2}$).
Gradually ascending through brush and scattering timber.
0.30 Road, bears N. and S.
7.40 Dry drain, course NE.
32.50 Dry drain, course NE.
37.00 Dry drain, course NE.
40.08 The cor. of secs. 7, 8, 17 and 18, which is a redwood post,
6 ins. sq., 2 $\frac{1}{2}$ ft. long, set in a mound of earth, marked
as described in the official record, and evidence of
four pits, one in each section, NE., SE., SW. and NW.
This cor. now becomes the cor. of secs. 7 and 8 only.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground, for cor. of secs. 7 and 8 only, with brass cap
mkd.

T8S | R14W
S7 | S8

S18

1930

dig new pits,

18 x 18 x 12 ins., NE. and NW. of cor., 3 ft. dist.

Land, level and rolling.

Soil, gravelly; 2nd rate.

Timber, scattering palo verde; undergrowth, creosote brush.

West, on a true line, along S. bdy. of sec. 7.
Over nearly level land.
0.60 The old closing cor. of secs. 7 and 18, which is a decayed
post, showing incomplete scribe marks and set in
small mound of gravel. Destroy this cor. monument.
0.82 Intersect E. bdy. of T. 8 S., R. 15 W.
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground, for closing cor. of secs. 7 and 18, with brass
cap mkd.

T8S | T8S
R15W | S7 C
S12 | S18 C
R14W

1930

raise a mound

of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.

From point of intersection, the cor. of secs. 12 and
13, T. 8 S., R. 15 W., bears S. 0° 15' E., 18.59 chs.
dist.; hereinbefore described.

Land, level.

Soil, gravelly; 3rd rate.

No timber.

SURVEY of
PART of THE SUBDIVISION LINES of T.8 S., R.14 W.
(Completion).

Chains.	<p>Commence the completion of the subdivisional lines with in T. 8 S., R. 14 W. at the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp., hereinbefore described.</p> <p>A calculated course of N. 0° 16' W. is obtained for a governing section line between the above described corner and the corner of secs. 15, 16, 21 and 22.</p> <p>N. 0° 16' W., bet. secs. 33 and 34.</p> <p>Over mountainous land; descend 350 ft. over N. slope to</p>						
6.85	Ravine, course NE.; ascend 86 ft.						
7.25	Spur from ridge, slopes E.; descend 116 ft.						
13.50	Ravine, course E.; ascend 236 ft.						
19.20	Spur, slopes SE.; descend 405 ft.						
35.00	Ravine, course E.; ascend 128 ft.						
39.80	Spur slopes E.						
40.00	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a granite stone, 10 x 8 x 6 ins. mkd. X, deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.						
	$\frac{1}{4}$ <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S33</td> <td style="padding: 0 5px;">S34</td> </tr> </table>	S33	S34				
S33	S34						
	1930						
	Thence along broken E. slope.						
47.00	Descend 443 ft. over NE. slope to						
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, with brass cap mkd.						
	<table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T8S</td> <td style="padding: 0 5px;">R14W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S28</td> <td style="padding: 0 5px;">S27</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S33</td> <td style="padding: 0 5px;">S34</td> </tr> </table>	T8S	R14W	S28	S27	S33	S34
T8S	R14W						
S28	S27						
S33	S34						
	1930						
	raise a mound						
	of stone, 3 ft. base, 2 ft. high, W. of cor.						
	Land, mountainous.						
	Soil, stony; 4th rate.						
	No timber.						
	East, on a random line bet. secs. 27 and 34.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
79.90	Intersect N. and S. line, 21 lks. S. of the cor. of secs. 26, 27, 34 and 35, hereinbefore described.						
	Thence						
	S. 89° 51' W., on a true line, bet. secs. 27 and 34.						
	Over nearly level land, through scattering timber.						
0.90	Dry drain, course N.						
15.90	Wash, 1.00 ch. wide, 20 ft. deep, course N. 20° W.						
34.70	Dry drain, course N.						
39.20	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap mkd.						
	<table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">WC $\frac{1}{4}$</td> <td style="padding: 0 5px;">S27</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;">S34</td> </tr> </table>	WC $\frac{1}{4}$	S27		S34		
WC $\frac{1}{4}$	S27						
	S34						
	1930						
	raise a mound						
	of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.						
39.95	True point for $\frac{1}{4}$ sec. cor. falls in a dry drain, course N.; ascend 100 ft. gradually.						
49.90	Wash, 1.00 ch. wide, 10 ft. deep, course NE.						
64.90	Same wash, 30 lks. wide, 10 ft. deep, course SE.						
79.90	The cor. of secs. 27, 28, 33 and 34.						
	Land, level and rolling.						
	Soil, gravelly; 3rd rate.						
	Timber, scattering palo verde and ironwood; Undergrowth, scattering creosote brush.						

SURVEY of
PART OF THE SUBDIVISION LINES of T.8S., R.14W.
(Completion)

Chains.	<p>N. 0° 16' W., bet. secs. 27 and 28. Over gently rolling land, through scattering brush. 4.80 Wash, 30 lks. wide, 10 ft. deep, course SE. 37.00 Dry drain, course NE. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S28 S27 1930</p> <p style="text-align: right;">raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>43.30 Dry drain, course NE. 54.50 Dry drain, course NE.; ascend 18 ft. 56.90 East end of an isolated hill, bears NE. and SW.; descend 88 ft. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap mkd.</p> <p style="text-align: center;">T8S R14W S21 S22 S28 S27 1930</p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, rolling. Soil, gravelly; 3rd rate. Timber, scattering palo verde and ironwood; undergrowth, scattering creosote brush.</p>
40.00 79.64	<p>N. 89° 51' E., on a random line, bet. secs. 22 and 27. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 9 lks. S. of the cor. of secs. 22, 23, 26 and 27, hereinbefore described. Thence S. 89° 47' W., on a true line, bet. secs. 22 and 27. Over level land, through scattering timber.</p> <p>4.65 Shallow wash, 100 lks. wide, course N. 27.45 Dim road, bears NW. and SE. 39.82 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S22 S27</p> <p style="text-align: center;">1930</p> <p style="text-align: right;">raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p> <p>52.25 Dry drain, course N. 77.95 Dry drain, course NW. 79.64 The cor. of secs. 21, 22, 27 and 28. Land, nearly level. Soil, gravell and sandy loam; 2nd rate. Timber, scattering palo verde and ironwood.</p>
40.00 81.10 1.60 7.50 21.10 41.10	<p>N. 0° 16' W., on a random line, bet. secs. 21 and 22. Set temp. $\frac{1}{4}$ sec. cor. 81.10 Intersect E. and W. line, 7 lks. W. of the cor. of secs. 15, 16, 21 and 22, hereinbefore described. Thence S. 0° 13' E., on a true line, bet. secs. 21 and 22. Over level land, through scattering timber.</p> <p>1.60 Dim road, bears NW. and SE. 7.50 Wash, 100 lks. wide, 3 ft. deep, course NE. 21.10 Dry drain, course NE. 41.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p>

SURVEY of
PART OF THE SUBDIVISION LINES of T.8S., R.14W.
(Completion)

Chains.

$\frac{1}{4}$
S21 | S22
1930

raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
69.50 Wash, 100 lks. wide, 10 ft. deep, course NE.
78.10 Dry drain, course NW.
81.10 The cor. of secs. 21, 22, 27 and 28.
Land, level.
Soil, sandy and gravelly loam; 2nd rate.
Timber, scattering paloverde and ironwood.

Thence from the cor. of secs. 4, 5, 32 and 33, on the S.
bdy. of the Tp., hereinbefore described,
N. $0^{\circ} 16'$ W., bet. secs. 32 and 33.
Gradually ascend through scattering palo verde.
4.20 Dry drain, course SW.
17.00 Dry drain, course SW.; ascend 320 ft. over SW. slope.
36.00 Gulch, course SW. Leave scattering timber.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
ground to bedrock, with a granite stone, $8 \times 6 \times 4$ ins.,
mkd. X, deposited at base, and in a mound of stone to
top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S32 | S33
1930

Ascend 1100 ft. over rough and broken SW. slope.
75.00 Head of gulch, course SW.
80.00 True point for cor. of secs. 28, 29, 32 and 33. falls on
face of ledge, 4 ft. high, bears NW. and SE.
Land, mountainous.
Soil, stony; 4th rate.
Timber, palo verde.

From true point for cor. of secs. 28, 29, 32 and 33,
East, on a random line, bet. secs. 28 and 33.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.88 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
27, 28, 33 and 34.
Thence
S. $89^{\circ} 57'$ W., on a true line, bet. secs. 28 and 33.
Ascend 148 ft. over NE. slope.
7.80 Spur, slopes NE.; descend 103 ft. to
18.50 Rocky wash, 30 lks. wide, 10 ft. deep, course NE.; thence
ascend 52 ft. over a boulder flat.
29.50 Ascend 213 ft. over E. slope to
39.94 True point for $\frac{1}{4}$ sec. cor. falls on face of decomposing
ledge of rock.
39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S28 | WC
S33

1930

raise a mound
of stone, 3 ft. base, 2 ft. high, N. of cor.
Thence ascend 1030 ft. over rough and broken NE. slope.
79.88 The true point for cor. of secs. 28, 29, 32 and 33.
Land, mountainous.
Soil, stony; 4th rate.
No timber.

SURVEY of
 PART OF THE SUBDIVISION LINES of T.8 S., R.14 W.
 (Completion)

Chains.

- From the true point for cor. of secs. 28, 29, 32 and 33.
 N. 0° 16' W., bet. secs. 28 and 29.
 Over mountainous land.
- 0.05 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for witness cor. to the cor. of secs. 28, 29,
 32 and 33, with brass cap mkd.
- | | |
|-----|------|
| T8S | R14W |
| S29 | S28 |
| S32 | S33 |
- WC
1930
- raise a mound
 of stone, 3 ft. base, 2 ft. high, W. of cor.
 This cor. is set between two ledges.
 Descend 1223 ft. over broken NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground to bedrock, with a granite stone, 10 x 6 x 4 ins.,
 mkd. X, deposited at base, and in a mound of stone to
 top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- | | |
|---------------|-----|
| $\frac{1}{4}$ | |
| S29 | S28 |
- 1930
- 42.00 Head of a rocky wash, course E.; ascend 203 ft. to
 52.50 Spur, slopes NE.; descend 413 ft. to
 79.00 Dry drain, course NW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for cor. of secs. 20, 21, 28 and 29, with brass
 cap mkd.
- | | |
|-----|------|
| T8S | R14W |
| S20 | S21 |
| S29 | S28 |
- 1930
- raise a mound
 of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, stony; 4th rate.
 No timber.
-
- 40.00 N. 89° 57' E., on a random line, bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
- 79.84 Intersect N. and S. line, 12 lks. N. of the cor. of secs.
 21, 22, 27 and 28.
 Thence
 N. 89° 58' W., on a true line, bet. secs. 21 and 28.
 Over nearly level land, through scattering timber.
- 4.20 Wash, 20 lks. wide, 10 ft. deep, course NE.
 26.00 Wash, 30 lks. wide, 4 ft. deep, course NE.
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- | | |
|---------------|-----|
| $\frac{1}{4}$ | S21 |
| $\frac{1}{4}$ | S28 |
- 1930
- raise a mound
 of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 58.00 Wash, 15 lks. wide, 10 ft. deep, course NE.
 65.00 Leave level land and scattering timber, bears NW. and SE.;
 ascend 156 ft.
- 71.70 Top of isolated knoll, about 5.00 chs. N. of saddle bet.
 knoll and spur. Descend 127 ft. to
- 79.84 The cor. of secs. 20, 21, 28 and 29.
 Land, level and rolling.
 Soil, gravelly; 3rd rate.
 Timber, scattering palo verde and ironwood.

SURVEY of
 PART OF THE SUBDIVISION LINES of T.8 S., R.14 W.
 (Completion)

Chains.

- N. $0^{\circ} 16'$ W., on W. bdy. of sec. 21.
 Over heavy rolling land.
 1.50 Dry drain, course NW.; ascend 55 ft.
 6.00 Top of knoll; descend 125 ft. to
 14.60 Wash, 20 lks. wide, 10 ft. deep, course E.; enter scat-
 tering timber, bears NW. and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S20 | S21
 1930

- raise a mound
 of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Thence over nearly level land.
 47.50 Wash, 40 lks. wide, 4 ft. deep, course NE.
 75.50 Telegraph line parallel to railroad.
 76.40 Railroad telephone line parallel to railroad.
 77.20 Middle of single track of the Southern Pacific RR., bears
 N. $72^{\circ} 20'$ E. and S. $72^{\circ} 20'$ W.
 78.00 Telegraph line parallel to railroad.
 79.30 Dry drain, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for cor. of secs. 17 and 20 only, with brass
 cap mkd.

T8S | R14W
 S17 | S21
 S20 |
 1930

- dig pits,
 18 x 18 x 12 ins., in each sec., 3 ft. dist.
 Thence with continuous alinement and measurement, bet.
 secs. 17 and 21.
 80.88 Intersect the S. bdy. of sec. 16.
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for closing cor. of secs. 17 and 21, with brass
 cap mkd.

S16
 S17 | S21
 T8S | R14W
 C C
 1930

- dig pits,
 18 x 18 x 12 ins., E., W. and S. of cor., 3 ft. dist.
 From this point the SW. cor. of sec. 16 only, bears
 West, 80 lks. dist.; hereinbefore described.
 Land, level and rolling.
 Soil, gravelly and stony; 3rd rate.
 Timber, scattering palo verde and ironwood.

- At the mid-point between the NE. and NW. cors. of sec. 21
 and on the S. bdy. of sec. 16,
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. of sec. 21 only, with brass cap
 mkd.

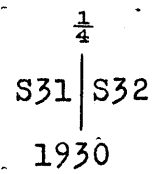
$\frac{1}{4}$ S21
 1930

- dig pits,
 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
 From this point the $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 16,
 bears West, 56 lks. dist.; hereinbefore described.

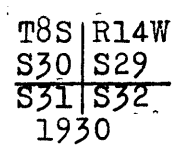
SURVEY of PART OF THE SUBDIVISION LINES of T.8 S., R.14 W. (Completion)

Chains.

Thence from the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., hereinbefore described. N. 0° 17' W., bet. secs. 31 and 32. Over nearly level land, through brush and scattering palo verde. 16.40 Dim road, bears NW. and SE. 36.00 An arroyo, course SW. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.

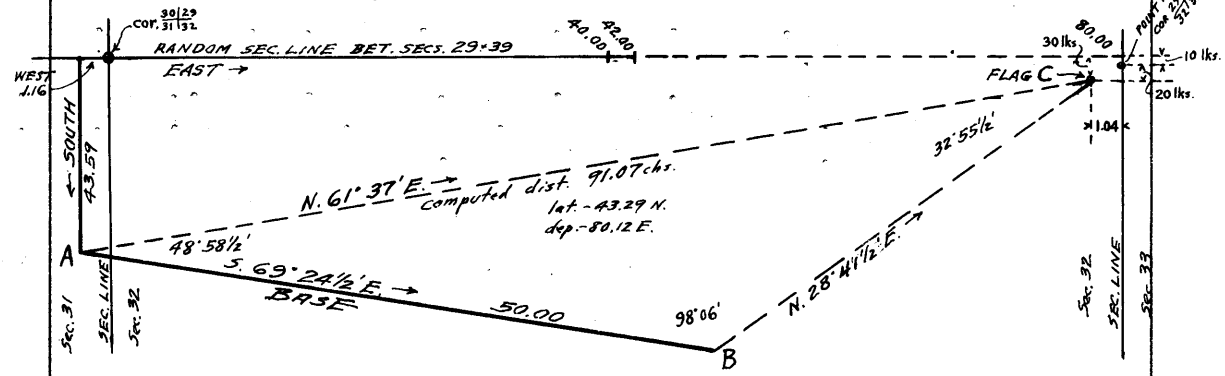


49.50 Wash, 30 lks. wide, 3 ft. deep, course SW. 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap mkd.



raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, level and rolling. Soil, sandy and gravelly; 2nd and 3rd rates. Timber, scattering palo verde and ironwood; undergrowth, creosote brush.

40.00 East, on a random line, bet. secs. 29 and 32. Set temp. 1/4 sec. cor. 42.00 Base of mountains and precipitious bluffs. Therefore to obtain distance proceed as follows: Return to the cor. of secs. 29, 30, 31 and 32, and run West, 1.16 chs., thence South 43.59 chs. to a point designated "A" from which a flag "C", 20 lks. S. and 104 lks. W. of the true point for cor. of secs. 28, 29, 32 and 33, bears N. 61° 37' E. Now measure a base S. 69° 24 1/2' E., 50.00 chs. to point "B" from which flag "C" bears N. 28° 41 1/2' E.; all bearings checked by direct reading of the solar and all angles checked by deflection:



80.00 A - C by triangulation equals 91.07 chs. From the above data the total length of the random line and falling between sections 29 and 32 is determined to be Fall 10 lks. N. of the true point for cor. of secs. 28, 29, 32 and 33.

Thence N. 89° 56' W., on a true line, bet. secs. 29 and 32. Over mountainous land; ascend 50 ft. 1.50 Summit of the Mohawk Mountains, bears NW. and SE.; thence descend along S. slope of bluffs. 6.00 (Approximate) Descend about 1500 ft. over rough and broken SW. and W. slopes. 38.00 Base of mountains, bears NW. and SE.; thence gradually descend over rolling land.

SURVEY of
PART OF THE SUBDIVISION LINES of T.8S., R.14 W.
(Completion)

Chains. 40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$ S29 4 S32</p> <p style="text-align: center;">1930</p> <p style="text-align: right;">raise a mound</p> <p>of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Descend 100 ft. over rolling W. slope to</p>
64.00	Wash, course SW.; ascend 150 ft. over E. slope.
71.50	Top of isolated hill, bears NW. and S.; descend 145 ft.
80.00	The cor. of secs. 29, 30, 31 and 32. Land, mountainous and rolling. Soil, stony; 3rd and 4th rates. No timber.
1.16	<p>The objective section corner in sight, West, on a true line, bet. secs. 30 and 31. Over rolling land. Intersect the cor. of secs. 30 and 31 only, on the E. bdy. of T. 8 S., R. 15 W., hereinbefore described. Land, rolling. Soil, gravelly; 3rd rate. No timber.</p>
8.00	<p>From the cor. of secs. 29, 30, 31 and 32. N. $0^{\circ} 17'$ W., bet. secs. 29 and 30. Ascend gradually over open land. Ascend 180 ft. over S. slope.</p>
14.00	Top of isolated hill, bears W. and SE.; descend 150 ft. over N. slope.
25.80	Dry drain, course W.; thence over rolling W. slope.
35.20	Dry drain, course W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
51.45	<p style="text-align: center;">$\frac{1}{4}$ S30 S29 1930</p> <p style="text-align: right;">raise a mound</p> <p>of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Dry drain, course W.</p>
79.78	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for witness cor. to cor. of secs. 19, 20, 29 and 30, with brass cap mkd.
80.00	<p style="text-align: center;">W C T8S R14W S19 S20 S30 S29 1930</p> <p style="text-align: right;">raise a mound</p> <p>of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. The true point for cor. of secs. 19, 20, 29 and 30, falls in a wash, 15 lks. wide, course W. from NE. Land, rolling and broken. Soil, gravelly and stony; 3rd and 4th rates. No timber.</p>
40.00	<p>From true point for cor. of secs. 19, 20, 29 and 30, S. $89^{\circ} 56'$ E., on a random line, bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.</p>
80.04	<p>Intersect N. and S. line, 16 lks. S. of the cor. of secs. 20, 21, 28 and 29. Thence S. $89^{\circ} 57'$ W., on a true line, bet. secs. 20 and 29.</p>

SURVEY of
PART OF THE SUBDIVISION LINES of T.8 S., R.14 W.
(Completion)

Chains.

0.45 Over-rolling land.
Wash, 15 lks. wide, 4 ft. deep, course NW.; ascend 848 ft. over general NE. slope.
26.70 Ravine, course NE.; ascend steeply.
40.02 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a granite stone, 10 x 6 x 4 ins., mkd. X, deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$ S20
S29

1930

This cor. is at the head of a dry drain, course NE.; ascend 108 ft.
45.00 Summit of the Mohawk Mountains, bears NW. and SE.; descend 770 ft. over broken SW. slope.
65.00 Base of mountains, bears NW. and SE.; descend 40 ft. to
80.04 The true point for cor. of secs. 19, 20, 29 and 30.
Land, mountainous.
Soil, stony; 4th rate.
No timber.

1.05 From the true point for cor. of secs. 19, 20, 29 and 30, the true point for the objective cor. being in sight. West, on a true line, bet. secs. 19 and 30. Along the bed of a wash, 15 lks. wide. Intersect the true point for the cor. of secs. 19 and 30 only, on the E. bdy. of T. 8 S., R. 15 W., hereinbefore described.
Land, rolling.
Soil, stony; 4th rate.
No timber.

7.40 From the true point for cor. of secs. 19, 20, 29 and 30, N. 0° 17' W., bet. secs. 19 and 20. Over rolling W. slope.
Dry drain, course W.
17.00 Dry drain, course W.
23.30 Wash, 20 lks. wide, course W.
36.10 Dry drain, course W.; ascend 150 ft. over SW. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a granite stone, 6 x 5 x 4 ins., mkd. X, deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S19 | S20

1930

42.30 Spur, slopes W.; descend 75 ft.
50.70 Head of ravine, course NW.; ascend 200 ft.
57.60 Spur, slopes W.; descend 100 ft. to
62.50 Ravine, course NW.; ascend 120 ft.
67.30 Summit of the Mohawk Mountains, bears NW. and SE.; descend 250 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap mkd.

T8S | R14W
S18 | S17
S19 | S20

1930

from which
A palo verde, 5 ins. diam., bears N. 60° 45' E., 45 lks. dist., mkd. in bark, T8S R14W S17 BT
A palo verde, 6 ins. diam., bears S. 29° 15' E., 104 lks. dist., mkd. in bark, T8S R14W S20 BT.

SURVEY of
PART OF THE SUBDIVISION LINES of T. 8 S., R. 14 W.
(Completion)

Chains.

	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, gravelly and stony; 3rd and 4th rates. No timber.
40.00	N. $89^{\circ} 57'$ E., on a random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, 16 lks. S. of the cor. of secs. 17 and 20 only, on W. bdy. of sec. 21. Thence S. $89^{\circ} 50'$ W., on a true line, bet. secs. 17 and 20. Over nearly level land, through scattering brush.
21.30	Wash, 15 lks. wide, 2 ft. deep, course NE.
34.40	Telegraph line, bears parallel to railroad.
35.65	Middle of single track of the Southern Pacific Railroad, bears N. $23^{\circ} 15'$ W. and S. $23^{\circ} 15'$ E.
36.60	Railroad telephone line, parallel to railroad.
38.60	Telegraph line, parallel to railroad.
40.01	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	1 S17 4 S20 1930
	raise a mound
	of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Thence over rolling land.
53.20	Wash, 15 lks. wide, 2 ft. deep, course NE.
69.50	Dry drain, course NE.
80.02	The cor. of secs. 17, 18, 19 and 20. Land, level and rolling. Soil, gravelly and stony; 3rd and 4th rates. Timber, scattering palo verde; Undergrowth, scattering creosote brush.
	The objective corner being in sight. West, on a true line, bet. secs. 18 and 19. Over rolling land.
0.64	Intersect the cor. of secs. 18 and 19 only, on the E. bdy. of T. 8 S., R. 15 W., hereinbefore described. Land, rolling. Soil, gravelly; 3rd rate. No timber.
	From the cor. of secs. 17, 18, 19 and 20, N. $0^{\circ} 17'$ W., bet. secs. 17 and 18. Over rolling land, through scattering brush.
5.78	Telegraph line, bears E. and W.
9.93	Middle of single track of the Southern Pacific Railroad on curve, bears N. $65\frac{1}{2}^{\circ}$ E. and SW.
17.00	Wash, 50 lks. wide, course SE.
18.30	Highway, U.S. 80, bears E. and W.
21.80	Telephone line, bears E. and W.
25.60	Wash, 20 lks. wide, course SW.; ascend gradually.
34.50	Ascend 140 ft. over broken SW. slope.
40.00	True point for $\frac{1}{4}$ sec. cor. falls on face of bluff.
40.17	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S18 | S17
WC
1930

raise a mound

SURVEY of
PART OF THE SUBDIVISION LINES of T. 8 S., R. 14 W.
(Completion)

Chains.

of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
41.00 Top of spur ridge, bears NW. and SE.; descend 190 ft.
over NE. slope.
58.40 Dry drain, course NE.; thence over rolling land.
61.30 Dry drain, course NE.
70.40 Wash, 1.00 ch. wide, 4 ft. deep, course NE.
73.00 Wash, 30 lks. wide, 4 ft. deep, course E.
80.78 Intersect the S. bdy. of sec. 8.
Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
ground, for closing cor. of secs. 17 and 18, with brass
cap mkd.

S 8
S17 | S18
T8S | R14W
C | C
1930

raise a mound

of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
From this point the cor. of secs. 7 and 8 only, bears
N. $89^{\circ} 56'$ W., 26 lks. dist., hereinbefore described.
Land, rolling and mountainous.
Soil, gravelly and stony; 3rd and 4th rates.
No timber; undergrowth, scattering creosote brush.

At a point 40.00 chs. in latitude N. of the SE. cor. of
sec. 17 and on the W. bdy. of sec. 16,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor. of sec. 17 only, with brass cap
mkd.

$\frac{1}{4}$ S17 |
1930

raise a mound

of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
From this point the $\frac{1}{4}$ sec. cor. of sec. 16 only, bears
N. $0^{\circ} 02'$ W., 76 lks. dist.; hereinbefore described.

At a point 40.00 chs. in departure E. of the NW. cor. of
sec. 17 and on the S. bdy. of sec. 8,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor. of sec. 17 only, with brass cap
mkd.

$\frac{1}{4}$ S17
1930

dig pits,

18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.
From this point the $\frac{1}{4}$ sec. cor. of sec. 8 only, bears
S. $89^{\circ} 43'$ W., 18 lks. dist.; hereinbefore described.

GENERAL DESCRIPTION.

About half of the area included within this fragmentary
survey is nearly level while the remainder is covered by
the Mohawk Mountains, which rise abruptly 1500 to 1800 ft.
from the level land on either side of the range. The ele-
vation at the base of the mountains is approximately 500
ft. above sea level.

The soil on the level portion, for the most part, is a
sandy and gravelly loam capable of producing the usual
crops of this latitude if water for irrigation becomes
available.

The mountains are barren of vegetation while on the
level land along the larger washes is found some palo ver-
de and ironwood and between the washes creosote brush.

No settlers, springs or water holes are noted.

SURVEY of
PART OF THE SUBDIVISION LINES OF T.8 S. R. 14 W.
(Completion)

FINAL TEST OF SOLAR ATTACHMENT.

November 22; on at camp near the center of sec. 17, at 9h 0m a.m., app. t., I set off 32° 42' N. on the lat. arc; 20° 03' S. on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At 2h 0m p.m., app. t., I set off 32° 42' N. on the lat. arc; 20° 07' S. on the decl. arc; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

November 22, 1930.

Boundaries of that Part of Township 8 South, Range 14 West
added by the surveys hereinbefore described.

Latitudes, departures and closing errors.

Lines Designated	True Courses	Dists.	Latitudes		Departures	
			N.	S.	E.	W.
South bdy. of Tp.	West	241.44				241.44
West bdy. of Tp.	N. 0° 3' W.	20.78	20.78			.02
	N. 0° 15' W.	40.15	40.15			.18
	N. 0° 14' E.	41.69	41.69		.17	
	N. 0° 28' W.	39.41	39.41			.32
	N. 0° 8' W.	40.30	40.30			.09
	N. 0° 31' E.	39.58	39.58		.36	
	N. 0° 58' W.	41.13	41.12			.69
	N. 0° 34' W.	39.15	39.15			.39
	N. 0° 15' W.	18.59	18.59			.08
Subdivisional Boundary	East	0.82			.82	
	S. 89° 56' E.	40.08		.05	40.08	
	N. 89° 43' E.	40.09	.20		40.09	
	S. 0° 29' W.	40.04		40.04		.34
	S. 0° 2' E.	39.88		39.88	.02	
	East	80.70			80.70	
	S. 89° 40' E.	39.97		.23	39.97	
	S. 89° 33' E.	40.43		.32	40.43	
	S. 0° 26' W.	40.14		40.14		.30
	S. 0° 15' W.	40.14		40.14		.18
	S. 0° 29' E.	40.04		40.04	.34	
	S. 0° 31' E.	40.04		40.04	.36	
	S. 0° 52' E.	40.14		40.14	.61	
S. 0° 9' W.	40.09		40.09		.11	
Convergency					.13	
Totals			320.97	321.11	244.08	244.14
				320.97		244.08
<u>Error in latitude</u>				0.14		
<u>Error in departure</u>						0.06

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Francis E. Joy U.S. Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 156 Arizona bearing date of the 23rd day of October, 1928, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, resurveyed all those parts or portions of the East bdy. of Township 8 South, Range 15 West, and South bdy. and Subdivision Lines of Township 8 South, Range 14 West and surveyed all those parts or portions of the South bdy. and Subdivision Lines of Township 8 South, Range 14 West of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 2 hereof} as having been executed by me, and under my direction; and that all the corners of said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 156 Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.
San Francisco, California,
August 20, 1931.

Francis E. Joy
U. S. Cadastral Engineer.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., December 14, 1931

The foregoing field notes of the resurvey of the East bdy. of T.8 S., R.15 W., Part of the South bdy. of T.8 S., R.14 W. and Part of the Subdivision Lines of T.8 S., R.14 W. and of the survey of Part (Completion) of the South bdy., and Part (Completion) of the Subdivision Lines of Township 8 South, Range 14 West of the Gila and Salt River Base and Meridian, in the State of Arizona executed by Francis E. Joy, U.S. Cadastral Engineer under his special instructions dated October 23, 1928 for Group 156, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ^{and surveys} resurveys they describe, are hereby approved.

Wm. H. Johnson
U. S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~

~~, has been correctly copied from the original notes on file in this office.~~

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