

Original

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4-679  
(April 1933)

Book H.

BOOK 4012

# FIELD NOTES

OF THE SURVEY OF THE

South Boundary of Township 2 South, Range 6 West;

East, South and West Boundaries and Subdivisional

Lines of Township 2 South, Range 7 West, and Resurvey

of a Portion of the North Boundary of Township

2 South, Range 7 West.

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Francis E. Joy, U. S. Cadastral Engineer  
and

Robert H. Fischer, U. S. Transitman

Under special instructions dated July 15, 1930, which provided  
for the surveys included under Group No. 164, bearing the approval of the  
Commissioner of the General Land Office under date of August 5, 1930  
and assignment instructions dated January 26, 1934.

Survey commenced March 2, 1934

Survey completed March 22, 1934

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BOOK 4012

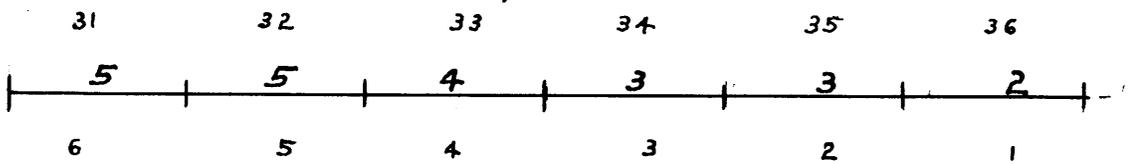
# INDEX DIAGRAM.

Township 2 SOUTH, Range 7 WEST

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T. 2 S., R. 6 W.



The surveys and resurveys hereinafter recorded were executed with Buff & Buff transit Serial No. 16723, used by Francis E. Joy, U. S. Cadastral Engineer, and Young & Sons transit Serial No. 8545, used by Robert H. Fisher, U. S. Transitman. The instruments were constructed in accordance with the standard specifications of the General Land Office. The horizontal circle of Buff & Buff transit has a diameter of  $4\frac{1}{2}$  ins., with two 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 the declination arc  $3\frac{1}{2}$  ins., each with verniers reading to single minutes.

The horizontal circle of Young & Sons transit has a diameter of  $4\frac{3}{4}$  ins., with two opposite verniers reading to single minutes; the vertical circle has a diameter of 5 ins., with one double vernier reading to single minutes. The instrument is equipped with the improved Smith solar attachment; radius of latitude arc  $3\frac{1}{2}$  ins., and of the declination arc  $3\frac{7}{8}$  ins., with two opposite verniers reading to single minutes. The instruments were in good condition, and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer on Jan. 26, 1934. We 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 Lallie steel tapes 5 chs. in length, graduated every link for the first 100 lks. and the balance at intervals of 10 lks. The tapes were 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 clinometers in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions gives the geographic position for the SE. cor. of T. 2 S., R. 7 W., as follows: latitude  $33^{\circ}12'07''$  N., and longitude  $112^{\circ}55'07''$  W.

February 28, 1934, with Buff transit No. 16723, in camp in the NE $\frac{1}{4}$  of sec. 15, T. 2 S., R. 7 W; at 6h 09m 00s p. m., l.m.t., or 6h 40m 47s p.m., by my watch which reads correct 105th meridian time as determined by Western Union clock, I make an hour angle observation on Polaris west of the meridian for latitude and azimuth, making four readings, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a giant cactus about  $1\frac{1}{2}$  miles distance in the direction N-W to Polaris.

Mean horizontal angle cactus to Polaris	19° 35' 40"
Azimuth of Polaris	54' 18"
True bearing to cactus	N. 20° 29' 58" W
Mean observed altitude	34° 00' 50"
Reduced latitude	33° 15' 23"

Every 30 min. from 8 to 10.30 a.m., and from 1.30 to 4 p.m. We make proper settings on the arcs of the solar attachments and ascertain that the resulting orientation of the instruments, when compared with the meridian established by Polaris observation, has a maximum error of less than 1'30".

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

Chains. The SW. cor. of T. 2 S., R. 5 W., was established in 1882 by R. C. Powers, U. S. Deputy Surveyor.

Beginning at the cor. of Tps. 2 and 3 S., Rs. 5 and 6 W., which is a lava rock, 10 x 12 x 8 ins. above ground, firmly set, marked with 6 grooves on N, S, E and W. faces.

North and alongside of corner,

Set an iron post, 3 ft. long, 3 ins. diam., 26 ins. in the ground, for cor. of Tps. 2 and 3 S., Rs. 5 and 6 W., with brass cap mkd.

T 2 S.  
R. 6 W. | R 5 W  
S 36 | S 31  
S 1 | S 6  
T 3 S  
1934

from which

The original bearing tree:

A palo verde, 5 ins. diam., bears N.  $45\frac{1}{4}^{\circ}$  W., 219 lks. dist., marks illegible.

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

West, bet. secs. 1 and 36.

Over rolling land, through scattered desert growth.

- 7.70 Wash, 15 lks. wide, course S.  
14.50 Wash, 30 lks. wide, course SE.  
26.00 Wash, 10 lks. wide, course 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.

$\frac{1}{4}$  S 36  
S 1  
1934

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

71.10 Dim road, bears N. and S.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, with brass cap mkd.

T 2 S R 6 W  
S 35 | S 36  
S 2 | S 1  
T 3 S  
1934

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

Land, rolling.

Soil, rocky; 3rd rate.

Timber, scattered palo verde; undergrowth greasewood and

Chains.

cacti.

West, bet. secs. 2 and 35.

Over rolling land, through scattered desert growth.

20.20 Wash, 30 lks. wide, course N.

31.20 Wash, 10 lks. wide, course NE.

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.
$$\frac{1}{4} \begin{array}{c} \text{S } 35 \\ \hline \text{S } 2 \\ 1934 \end{array}$$

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

63.50 Wash, 15 lks. wide, course NE.

72.30 Dim road, bears N. and S.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

$$\begin{array}{c} \text{T } 2 \text{ N } \text{R } 6 \text{ W} \\ \hline \text{S } 34 \mid \text{S } 35 \\ \hline \text{S } 3 \mid \text{S } 2 \\ \hline \text{T } 3 \text{ S} \\ 1934 \end{array}$$

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

Land, rolling.

Soil, sandy and rocky; 2nd and 3rd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

West, bet. secs. 3 and 34.

Over rolling land, through scattered desert growth.

4.00 Wash, 30 lks. wide, course N.

9.50 Wash, 100 lks. wide, course NE.

13.70 Dim road, bears NE. and SW. at foot of hill.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with a slate stone, mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.
$$\frac{1}{4} \begin{array}{c} \text{S } 34 \\ \hline \text{S } 3 \\ 1934 \end{array}$$

from which

A ledge on top of mountain, bears S.  $30\frac{1}{2}^{\circ}$  W.

Chains. The  $\frac{1}{4}$  sec. cor. is located on S. slope at foot of hill.

53.00 Wash, 30 lks. wide, 15 ft. deep. course S.

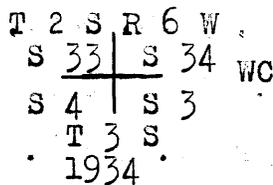
80.00 True point for cor. of secs. 3, 4, 33, and 34, falls in wash, 20 lks. wide, 10 ft. deep, course S.

Land, rolling.  
Soil, sandy and rocky; 2nd and 3rd rate.  
Timber, palo verde; undergrowth, greasewood and cacti.

West, bet. secs. 4 and 33.

Over rolling land, through scattered desert growth.

1.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for witness cor. of secs. 3, 4, 33, and 34, with brass cap mkd.

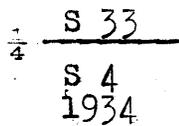


raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

9.70 Wash, 30 lks. wide, 12 ft. deep, course S.

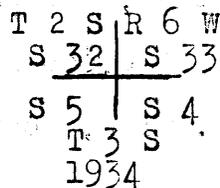
33.80 Wash, 30 lks. wide, course SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a slate stone, 10x6x5 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.



68.60 Dim road, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, with brass cap mkd.



from which

Ledge on mountain, bears S.1 $\frac{1}{4}$ ° E.

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

Land, rolling.  
Soil, gravelly and stony; 3rd rate.  
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

Chains. West, bet. secs. 5 and 32.

Over rolling land, through scattered desert growth.

37.50 Wash, 30 lks. wide, course S.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4 S 32  
S 5  
1934

18x18x12 ins., E. and W. of post, 3 ft. dist. dig pits,

53.80 Wash, 30 lks. wide, course NW.

56.70 Same wash, 30 lks. wide, course N. 20° W.

66.80 Foot of hill, bears N. and S.

77.00 Top of hill about 40 ft. high.; desc. 15 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, with brass cap mkd.

T 2 S R 6 W  
S 31 | S 32  
S 6 | S 5  
T 3 N  
1934

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

Land, rolling.  
Soil, gravelly and stony; 3rd and 4th rate.  
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

West; bet. secs. 6 and 31.

Over rolling land, through scattered desert growth.

Descend 30 ft. over SW. slope.

7.00 Base of hill.; continue over rolling land.

32.30 Wash, 30 lks. wide, course N.

35.30 Wash, 30 lks. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a granite stone, 6x4x4 ins. mkd. X, deposited at the base, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.

1/4 S 31  
S 6  
1934

from which

A palo verde, 6 ins. diam., bears S. 8° E., 105 lks. dist., mkd. 1/4 S6 BT.

Chains. A palo verde, 8 ins. diam., bears N. 50 1/4° W., 182 lks. dist., mkd. 1/4 S 31 BT.

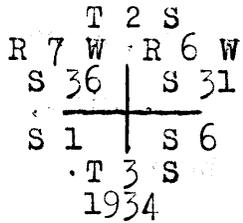
40.80 Wash, 20 lks. wide, course SE.

62.50 Old Agua Caliente road, bears N. and S.

72.80 Wash, 20 lks. wide, course NE.

79.59 At this point which is 472.64 chs. south of the cor. of Tps. 1 and 2 S., Rs. 6 and 7 W., hereinafter described.

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Tps. 2 and 3 S., Rs. 6 and 7 W., with brass cap mkd.



from which

An ironwood, 9 ins. diam., bears N. 53 1/2° E., 149 lks. dist., mkd. T2S R6W S31 BT.

An ironwood, 8 ins. diam., bears S. 69 3/4° E., 70 lks. dist., mkd. T 3 S R6W S6 BT.

A palo verde, 8 ins. diam., bears N. 26 1/4° W., 47 lks. dist., mkd. T2S R7W S36 BT.

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

Land, rolling.

Soil, sandy and stony; 2nd and 3rd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

EAST BOUNDARY OF T. 2 S., R. 7 W.

North on a true line bet. secs. 31 and 36.

Over rolling land, through scattered desert growth.

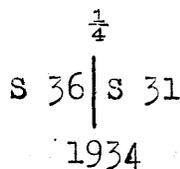
.25 Junction of washes, 30 lks. wide, course E. from W. and SW.

2.85 Wash, 10 lks. wide, course SE.

22.45 Low ridge, bears E. and W.; desc. 38 ft. over N. slope.

31.14 Wash, 25 lks. wide, course E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.



EAST BOUNDARY OF T. 2 S., R. 7 W.

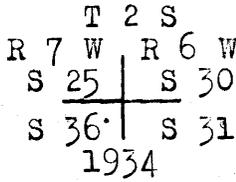
BOOK 4012 7

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

33.94 Dim road, bears E. and W.

63.84 Wash, 30 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, with brass cap mkd.



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

Land, rolling.  
Soil, gravelly; 3rd rate.  
Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

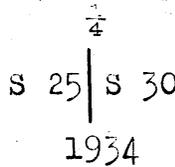
North, on a true line bet. secs. 25 and 30.

Over rolling land, through scattered desert growth.

16.54 Wash, 75 lks. wide, course NE.

30.34 Wash, 40 lks. wide, course E.

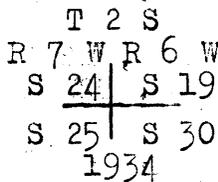
40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a lava stone, 6x4x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for 1/4 sec. cor. with brass cap mkd.



47.44 Wash, 50 lks. wide, course E.

79.34 Wash, 30 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 25 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, with brass cap mkd.

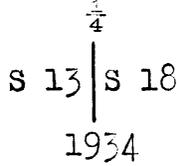


of stone, 3 ft. base, 2 ft. high, W. of cor. raise amount

Land, rough and rolling.  
Soil, gravelly and stony; 3rd rate.  
Timber, palo verde; undergrowth, greasewood and cacti.

Chains	North on a true line bet. secs. 19 and 24. Over rolling land, through scattered desert growth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.  <div style="text-align: center;"> <math>\frac{1}{4}</math>            S 24   S. 19            1934         </div>
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
46.94	Junction of washes, course E. from W. and NW.
60.45	Foot of ascent; asc. 63 ft. over SW. slope.
65.20	Top of hill, bears NW. and SE.; desc. 63 ft. over rocky NE. slope.
77.25	Base of hill.
80.00	True point for cor. of secs. 13, 18, 19 and 24, falls in wash, 50 lks. wide, course E.  Land, rough and rolling. Soil, gravelly and stony; 3rd rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.
	North, on a true line bet. secs. 13 and 18. Over rolling land, through scattered desert growth.
1.10	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for witness cor. of secs. 13, 18, 19, and 24, with brass cap mkd.  <div style="text-align: center;">           T 2 S            R 7 W R 6 W            S 13   S 18            S 24   S 19.            W C            1934         </div>
	from which  An ironwood, 6 ins. diam., bears N. $13\frac{1}{4}^{\circ}$ E., 233 lks. dist., mkd. T2S R6W S18 BT.  A palo verde, 12 ins. diam., bears S. $10\frac{1}{2}^{\circ}$ E., 87 lks. dist., mkd. T2S R6W S19 BT.  An ironwood, 24 ins. diam., bears S. $41^{\circ}$ W., 176 lks. dist., mkd. T2S R7W S24 BT.  A palo verde, 10 ins. diam., bears N. $9^{\circ}$ W., 327 lks. dist., mkd. T2S R7W S13 BT.
12.54	Dim road, bears E. and W.
26.64	Mineral location cor., pine post, 4x4x4 ft. above ground, bears W. 30 lks. dist.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Chains. ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.



from which

An ironwood, 9 ins. diam., bears N. 43° E., 64 lks. dist., mkd.  $\frac{1}{4}$  S18 BT.

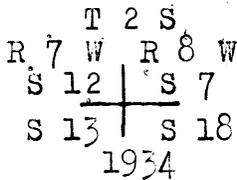
A palo verde, 6 ins. diam., bears N. 83° W., 54 lks. dist., mkd.  $\frac{1}{4}$  S13 BT.

31.64 Wash, 50 lks. wide, course NE.

65.50 Bend in wash, course N. 15° W. from SW.

73.15 Same wash, 50 lks. wide, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap mkd.



from which

An ironwood, 24 ins. diam., bears N. 74 $\frac{1}{2}$ ° E., 241 lks. dist., mkd. T2S R6W S7 BT.

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

Land, rolling

Soil, stony; 3rd rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

North, on a true line bet. secs. 7 and 12.

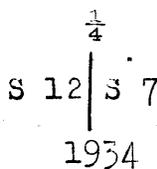
Over rolling land, through scattered desert growth.

1.45 Wash, 10 lks. wide, course E.

22.65 Dim road, bears NE. and SW.

32.64 Shallow wash, 100 lks. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.



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

76.54 Shallow wash, 30 lks. wide, course NE. soon N.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in

Chains

the ground, for cor. of secs. 1, 6, 7, and 12, with brass cap mkd.

T 2 S	
R 7 W	R 6 W
S 1	S 6
S 12	S 7
1934	

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

Land, rolling.

Soil, stony; 2nd and 3rd rate.

Timber, palo verde and ironwood.

Undergrowth, greasewood and cacti.

North, on a true line bet. secs. 1 and 6.

Over rolling land, through scattered desert growth.

9.44 Shallow wash, 20 lks. wide, course NE.

25.04 Agua Caliente graded road, bears E. and W.

32.24 Shallow wash, 100 lks. wide, course E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for sec. cor. with brass cap mkd.

$\frac{1}{4}$	
S 1	S 6
1934	

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

59.24 Shallow wash, 200 lks. wide, course N. 60° E.

72.64 The cor. of Tps. 1 and 2 S., Rs. 6 and 7 W., which is an iron post, 3 ins. diam., standing firmly 10 ins. above ground, marked and witnessed as described in the official record.

Land, rolling.

Soil, gravelly; 2nd rate.

Timber, none; undergrowth, greasewood.

#### SOUTH BOUNDARY OF T. 2 S., R. 7 W.

From the cor. of Tps. 2 and 3 S., Rs. 6 and 7 W., hereinbefore described.

West, bet. secs. 1 and 36.

Over rolling land, through scattered desert growth.

7.50 Wash, 15 lks. wide, course N. 75° E.

10.00 Ascend 58 ft. over gradual E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor. with brass cap mkd.

Chains.  $\frac{1}{4}$  S 36  
S 1  
1934

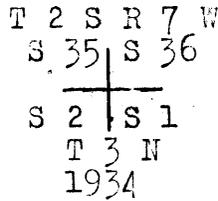
raise a mound  
of stone, 3 ft. base, 2 ft. high, N. of cor.

41.00 Wash, 10 lks. wide, course NE.; asc. 150 ft. over gradual NE. slope.

58.80 Continue ascending 75 ft. over rocky E. slope.

64.90 Top of knoll; desc. 97 ft. over SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with broken glass deposited at the base, and in a mound of stone to top, for cor. of secs. 1, 2, 35, and 36, with brass cap mkd.



The sec. cor. is located 30 lks. E. of ravine, 5 lks. wide, 6 ft. deep, **course** SW.

Land, rolling.  
Soil, rocky; 3rd and 4th rate.  
Timber, palo verde; undergrowth, greasewood and cacti.

West, bet. secs. 2 and 35.

Over mountainous land, through scattered desert growth.

Descend 40 ft. over SW. slope.

6.40 Wash, 10 lks. wide, course N. 60° W.

9.20 Wash, 15 lks. wide, 7 ft. deep, course N.; asc. 199 ft. over NE. slope.

25.75 Top of NW. end of rocky butte; desc. 112 ft. over W. slope.

37.90 Ravine, course S.; asc. 13 ft. over NE. slope.

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

$\frac{1}{4}$  S 35  
S 2  
1934

The  $\frac{1}{4}$  sec. cor. is located 70 lks. N. of wash, 30 lks. wide; 10 ft. deep, course S. 75° E.

41.60 Wash, 30 lks. wide, course S. 75° E.; asc. 79 ft. over SE. slope.

47.30 Rocky spur, slopes SW.; desc. 34 ft. over SW. slope.

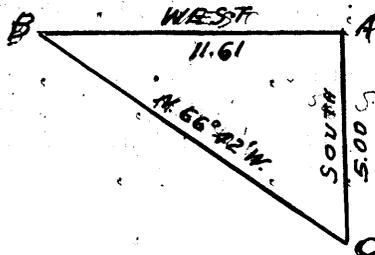
49.90 Ledge, 50 ft. high, bears S. 300 lks. dist.

Chains.

54.85 Foot of descent; asc. 38 ft. over NE. slope.

57.60 Abandoned Power Line, on top of knoll, bears S. 60° W., to Aeronautical Beacon.

61.41 In order to determine the distance by triangulation over crumbling cliffs, I designate the 61.41 ch. point A and set a flag B on line on top of cliffs; from point A I measure a base, south 5.00 chs. dist., and set flag C from which flag B bears N. 66° 42' W.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by direct meas.  
Dist. by triangulation

61.41 chs.  
11.61 ✓  
73.02

Ascend 314 ft. over E. slope.

73.02 Point B on ridge, bears NW. and SE.; desc. 172 ft. over W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with broken glass deposited at the base, and in a mound of stone to top, for cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

T 2 S R. 7 W  
S 34 | S 35  
S 3 | S 2  
T 3 S  
1934

Land, mountainous.  
Soil, rocky; 4th rate,  
Timber, palo verde; undergrowth, cacti and greasewood.

West, bet. secs. 3 and 34.

Over mountainous land, through scattered desert growth.

Descend 205 ft. over W. slope.

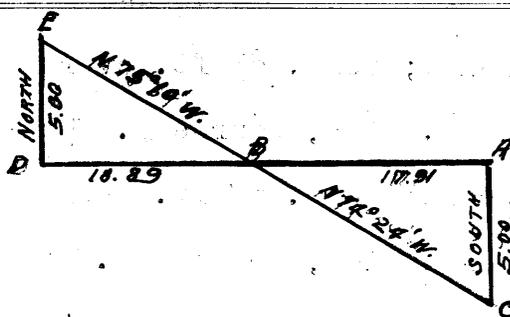
10.42 Top of bluff 200 ft. high.

In order to determine the distance by triangulation over precipitous bluffs, I designate the above point A and set a flag B on line on top of bluffs, vertical angle +14°; from point A I measure a base south 5.00 chs. dist. from which flag B bears N. 74° 24' W.

28.33 Point B on top of square butte, bears N. 30° W. and S. 30° E.

From point B in order to triangulate over precipitous bluffs, I set a flag D on line below bluffs, vertical angle - 14°, also a flag E which from point B bears N. 75° 10' W.; the base DE bears north 5.00 chs. dist.; all bearings checked by direct reading of the solar, and all angles checked by deflection.

Chains.



Dist. by direct meas.	10.42 chs.
Dist. by triangulation AB	17.91 ✓
	<hr/>
	28.33
Dist. by triangulation BD	18.89 ✓
	<hr/>
	47.22
Dist. by return meas.	7.22
	<hr/>
	40.00

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

$\frac{1}{4}$  S 34  
S 3  
1934

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

From  $\frac{1}{4}$  sec. cor. water hole in wash, bears northeasterly about 20 chs. dist.

Desc. 56 ft. over SW. slope.

47.24 Foot of descent; asc. 50 ft. over NE. slope.

58.80 Spur, slopes SE.; desc. 134 ft. over W. slope.

64.00 Base of slope.; asc. 17 ft.

65.20 Top of ascent; desc. 69 ft. over NW. slope.

69.90 Wash, 20 lks. wide, course S. 30° W.; asc. 20 ft. over SE. slope.

72.95 Top of ascent; desc. 28 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, with a cross X, mkd. at the base, with broken glass deposited alongside, and in a mound of stone to top, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd.

T 2 S R 7 W  
S 33 | S 34  
S 4 | S 3  
T 3 S  
1934

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, palo verde; undergrowth, greasewood and cacti.

West, bet. secs. 4 and 33.

Over rolling land, through scattered desert growth.

Ascend 25 ft. over SE. slope.

Chains

- 3.50 Top of knoll.; desc. 83 ft. over SW. slope.
- 14.90 Wash, 20 lks. wide, course N. 75° W.; asc. 20 ft.
- 18.20 Top of ascent; desc. 27 ft. over SE. slope.
- 22.00 Wash, 30 lks. wide, course S. 75° W.
- 24.00 Same wash, course N. 60° W.; asc. 37 ft. over NE. slope of narrow spur.
- 29.20 Top of spur, slopes NE.; desc. 52 ft. over NW. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with broken glass deposited at the base, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S. 33  
 S 4  
 1934

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

- 50.30 Ravine, 15 lks. wide, 12 ft. deep, course N.
- 54.15 Descend 22 ft.
- 59.90 Ravine, 20 lks. wide, 15 ft. deep, course N.
- 72.90 Sharp point on knoll, bears 3.00 chs. S.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with broken glass deposited at the base, and in a mound of stone to top, for cor. of secs. 4, 5, 32, and 33, with brass cap mkd.

T 2 S R 7 W  
 S 32 | S 33  
 S 5 | S 4  
 T 3 S  
 1934

The sec. cor. is located 150 lks. S. of wash, 30 lks. wide, course S. 60° W.

Land, rolling.  
Soil, rocky; 4th rate.  
Timber, palo verde and catclaw; undergrowth, greasewood and cacti.

West, bet. secs. 5 and 32.  
Over rolling land, through scattered desert growth.

- 2.30 Wash, 30 lks. wide, 10 ft. deep, course SW.
- 10.00 Ascend 13 ft.
- 11.90 Top of ascent; desc. 29 ft.
- 16.90 Foot of descent; asc. 7 ft.
- 18.90 Top of ascent; desc. 22 ft.
- 23.65 Foot of descent;

Chains.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with broken glass deposited at the base, and in a mound of stone to top, for 4 sec. cor. with brass cap mkd.

$$\frac{S\ 32}{4}$$
 S 5  
 1934

40.40 Wash, 15 lks. wide, course N. 75° W.

45.50 Wash, 30 lks. wide, course SW.; asc. 40 ft. over SE. slope.

53.00 Continue ascending 75 ft. over NE. slope.

60.00 Top of knoll.; desc. 74 ft. over SW. slope.

70.00 Base as descent, bears N. and S.; asc. 53 ft. over E. slope.

77.50 Top of spur ridge, bears N. and S.; desc. 75 ft. over W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a red rock, 6x6x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 5, 6, 31 and 32, with brass cap mkd.

T 2 S R 7 W  

$$\frac{S\ 31\ | \ S\ 32}{S\ 6\ | \ S\ 5}$$
 T 3 N  
 1934

Land, rolling.  
 Soil, rocky; 3rd and 4th rate.  
 Timber, palo verde; undergrowth, greasewood and cacti.

West, bet. secs. 6 and 31.

Over rolling land, through scattered desert growth.

Descend 23 ft. over W. slope.

8.20 Wash, 10 lks. wide, course S.; asc. 49 ft. over SE. slope.

16.40 Top of knoll.; desc. 23 ft. over NW. slope.

22.00 Base of slope, continue over level land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, with a stone 4x5x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for 4 sec. cor. with brass cap mkd.

$$\frac{S\ 31}{4}$$
 S 6  
 1934

45.00 Leave level land.; asc. 422 ft. over E. slope.

67.60 Top of rocky butte, bears N. and S.; desc. 184 ft. over W. slope.

Chains.  
79.39

At this point which is 472.46 chs. south of the cor. of Tps. 1 and 2 S., Rs. 7 and 8 W., hereinafter described.

Set an iron post, 3 ft. long, 3 ins. diam., on surface rock, with a stone 5x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of Tps. 2 and 3 S., Rs. 7 and 8 W., with brass cap mkd.

T 2 S  
R 8 W R 7 W  
S 36 | S 31  
S 1 | S 6  
T 3 S  
1934

Land, rolling and mountainous.

Soil, rocky; 4th rate.

Timber, palo verde and ironwood; undergrowth, greasewood and cacti.

WEST BOUNDARY OF T. 2 S., R. 7 W.

North, on a true line bet. secs. 31 and 36.

Over mountainous land, through scattered desert growth.

Ascend 157 ft. over SW. slope.

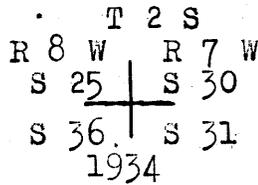
- 4.60 Top of butte, bears NW. and SE.; desc. 345 ft. over NE. slope.
- 33.75 Wash, 200 lks. wide, course N. 75° W.; also a road in bed of wash, bears NW. and SE.; Southern Pacific Ry. bridge bears W. 200 lks. dist.
- 34.58 Fence of the Southern Pacific Ry, bears N. 70° E. and S. 70° W.
- 34.98 Main line of the Southern Pacific Ry., bears N. 70° E. and S. 70° W.
- 36.55 Fence of the Southern Pacific Ry, bears N. 70° E. and S. 70° W.
- 38.96 Base of slope, bears NE. and SW.; asc. 31 ft. over SE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a felsite rock, 5x4x1 in. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.
- $\frac{1}{4}$   
S 36 | S 31  
1934
- The  $\frac{1}{4}$  sec. cor. is located on W. edge of ravine course S.
- Ascend 50 ft. over SE. slope.
- 66.00 Top of spur, 100 lks. below top of butte, slopes W.; desc. 52 ft. over NW. slope.

WEST BOUNDARY OF T. 2 S., R. 7 W.

COOK 4012

Chains.  
80.00

Set an iron post; 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with a felsite rock, 5x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 25, 30, 31, and 36, with brass cap mkd.



Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, palo verde and catclaw; undergrowth, greasewood and cacti.

North, on a true line bet. secs. 25 and 30.

Over rolling land, through scattered desert growth.

Descend 215 ft. over NW. slope.

5.00 Saddle in ridge, bears N. and S.; desc. 163 ft. over NE. slope.

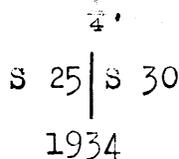
15.70 Base of slope, bears NE. and SW.; asc. 35 ft. over SE. slope.

17.70 Spur, slopes NW.; desc. 70 ft. over NE. slope.

27.26 Wash, 15 lks. wide, course SE.

33.46 Wash, 15 lks. wide, course SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a calcite rock, 4x5x1 in. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.



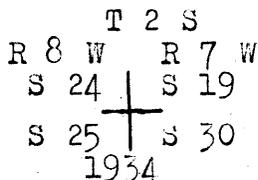
Ascend 50 ft. over S. slope.

56.12 Top of knoll, bears E. and W.; desc. 35 ft. over N. slope.

59.26 Wash, 25 lks. wide, course E.

65.16 Wash, 50 lks. wide, course SE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, with brass cap mkd.



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

Chains.	Land, rolling and mountainous. Soil, rocky; 3rd and 4th rate. Timber, palo verde and catclaw; undergrowth, greasewood and cacti.															
	North, on a true line bet. secs. 19 and 24. Over rolling land, through scattered desert growth. Ascend 57 ft. over SW. slope.															
12.50	Top of knoll.; desc. 46 ft. over NE. slope.															
40.00	True point for $\frac{1}{4}$ sec. cor. falls in wash, 10 lks. wide, course N.60° E.															
40.40	Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a felsite rock, 3x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor. with brass cap mkd.															
	$\frac{1}{4}$ <table style="margin-left: auto; margin-right: auto;"> <tr> <td>S 24</td> <td> </td> <td>S 19</td> </tr> <tr> <td></td> <td>W</td> <td>C</td> </tr> <tr> <td></td> <td></td> <td>1934</td> </tr> </table>	S 24		S 19		W	C			1934						
S 24		S 19														
	W	C														
		1934														
	Ascend 54 ft. over SW. slope.															
49.06	Wash, 15 lks. wide, course N. 70° E.															
59.46	Small rocky knoll, bears NW. and SE.; desc. 34 ft. over NE. slope.															
69.16	Wash, 20 lks. wide, course S. 30° E.															
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock; with a stone mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 13, 18, 19, and 24, with brass cap mkd.															
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>T 2 S</td> <td></td> </tr> <tr> <td>R 8 W</td> <td> </td> <td>R 7 W</td> </tr> <tr> <td>S 13</td> <td> </td> <td>S 18</td> </tr> <tr> <td>S 24</td> <td> </td> <td>S 19</td> </tr> <tr> <td></td> <td></td> <td>1934</td> </tr> </table>		T 2 S		R 8 W		R 7 W	S 13		S 18	S 24		S 19			1934
	T 2 S															
R 8 W		R 7 W														
S 13		S 18														
S 24		S 19														
		1934														
	from which															
	A palo verde, 8 ins. diam., bears N. 4° E., 11 $\frac{1}{2}$ lks. dist., mkd. T2S R7W S18 BT.															
	A catclaw, 5 ins. diam., bears S. 52 $\frac{3}{4}$ ° E., 34 lks. dist., mkd. T2S R7W S19 BT.															
	Land, rolling. Soil, rocky; 4th rate. Timber, palo verde, ironwood and catclaw; undergrowth, greasewood and cacti.															
	North, on a true line bet. secs. 13 and 18. Over rolling and broken land, through scattered desert growth.															
8.88	Ascend 182 ft. over SW. slope.															

- Chains.  
 26.60 Spur, slopes SE.; desc. 63 ft. over rocky spur.  
 37.46 Foot of descent, bears NW. and SE.; continue over level land.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a felsite rock, 4x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

4  
 S 13 | S 18  
 1934

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, with a felsite rock, mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 7, 12, 13, and 18, with brass cap mkd.

T 2 S  
 R 8 W | R 7 W  
 S 12 | S 7  
 S 13 | S 18  
 1934

from which

A palo verde, 12 ins. diam., bears N.  $24\frac{1}{2}^{\circ}$  E., 46 lks. dist., mkd. T2S R7W S7 BT.

An ironwood, 14 ins. diam., bears N.  $37\frac{1}{2}^{\circ}$  W., 131 lks. dist., mkd. T2S R8W S12 BT.

Land, rolling.

Soil, rocky; 4th rate.

Timber, palo verde, and ironwood; undergrowth, greasewood and cacti.

North, on a true line bet. secs. 7 and 12.

Over rolling land, through scattered desert growth.

- 2.46 Wash, 60 lks. wide, course N.  
 3.76 Leave wash, 25 lks. wide, course NW.  
 8.36 Road, bears NW. and SE.  
 11.16 Wash, 25 lks. wide, course N.  $60^{\circ}$  W.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

4  
 S 12 | S 7  
 1934

dig pits,  
 18x18x12 ins., N. and S. of post, 3 ft. dist.

- 54.76 Wash, 70 lks. wide, course N.  $60^{\circ}$  E.  
 69.46 Road, bears NW. and SE.

Chains. 75.76	Graded road, bears N. 60° E., to Phoenix and Buckeye, and S. 60° W., to Auga Caliente Hot Springs.
79.30	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, with a stone mkd. X, deposited at the base, for witness cor. of secs. 1, 6, 7 and 12, with brass cap mkd.
	WC T 2 S R 8 W R 7 W S 1   S 6 S 12   S 7 1934
80.00	dig pits, 18x18x12 ins. NE. SE. SW. and NW. of cor. 3 ft. dist. True point for cor. of secs. 1, 6, 7 and 12, falls in wash; course N. 75° E. Land, rolling. Soil, rocky; 3rd rate. Timber, palo verde and catclaw; undergrowth, greasewood and cacti.
	North, on a true line bet. secs. 1 and 6.
	Over rolling land, through scattered desert growth.
29.76	Wash, 75 lks. wide, course S. 75° E.
37.96	Ascend 95 ft. over SW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 1   S 6 1934
	dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Continue ascending.
62.56	Top of knoll.; desc 71 ft. over NE. slope.
72.46	The cor. of Tps. 1 and 2 S., Rs. 7 and 8 W., which is an iron post, 3 ins. diam., standing firmly 5 ins. above ground, marked and witnessed as described in the official record. Land, rolling. Soil, rocky 3rd rate. Timber, palo verde and catclaw; undergrowth, greasewood and cacti.

## RESURVEY OF A PORTION OF THE SOUTH BOUNDARY

21

OF T. 1 S., R. 7 W.

BOOK 4012

Chains. The south boundary of T. 1 S., R. 7 W., was surveyed in 1914, by John F. Hesse, U. S. Surveyor.

Resurvey of the S. bdy. of secs. 31, 32 and 33 for measurement only, the topography being in substantial agreement with the original record.

From the cor. of secs. 3, 4, 33, and 34 on S. bdy. of the Tp., which is an iron post, 2 ins. diam., standing firmly 7 ins. above ground, marked and witnessed as described in the official record.

and true  
West on a random line bet. secs. 4 and 33.

40.08 Intersect the  $\frac{1}{4}$  sec. cor. of secs. 4 and 33, which is an iron post, 1 in. diam., standing firmly 7 ins. above ground, marked and witnessed as described in the official record. This cor. will now refer to sec. 33 only.

I alter th marks on brass cap to read:

$\frac{1}{4}$  S 33

1914

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

80.14 Intersect the cor. of secs. 4, 5, 32 and 33, which is an iron post, 2 ins. diam., standing firmly 8 ins. above ground, marked and witnessed as described in the official record. This cor. will now refer to cor. of secs. 32 and 33 only.

I alter the marks on brass cap to read:

T 1 S R 7 W

S 32 | S 33

S 5

T 2 S R 7 W

1914

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

40.06 Intersect the  $\frac{1}{4}$  sec. cor. of secs. 5 and 32, which is an iron post, 1 in. diam., standing firmly 7 ins. above ground, marked and witnessed as described in the official record. This cor. will now refer to sec. 33 only.

I alter the marks on brass cap to read:

$\frac{1}{4}$  S 32

1914

80.06 Intersect the cor. of secs. 5, 6, 31, and 32, which is an iron post, 2 ins. diam., standing firmly 7 ins. above ground, marked and witnessed as described in the official record. This cor. will now refer to secs 31 and 32 only.

I alter the marks on brass cap to read:

Chains

T 1 S R 7 W  
S 31 | S 32

S 6

T 2 S R 7 W  
1914

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

40.07 Intersect the  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, which is an iron post, 1 in. diam., standing firmly 7 ins. above ground, marked and witnessed as described in the official record. This cor. will now refer to sec. 31 only.

I alter the marks on brass cap to read:

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

1914

78.30 Intersect the cor. of Tps. 1 and 2 S., Rs. 7 and 8 W., hereinbefore described.

## SUBDIVISION OF T. 2 S., R. 7 W.

From the cor. of secs. 1, 2, 35 and 36 on S. bdy. of the Tp., hereinbefore described.

N.0°01'W., bet. secs. 35 and 36.

Over rolling land, through scattered desert growth.

Ascend 75 ft. over SW. slope.

5.00 Rocky spur, slopes W.; desc. 75 ft. over NW. slope.

23.00 Wash, 20 lks. wide, course NE.

26.60 Wash, 20 lks. wide, course E.; asc. 40 ft. over SE. slope.

31.50 Top of ascent, bears E. and W.; desc. 27 ft. over NE. slope.

35.70 Wash, 10 lks. wide, course E.; asc. 30 ft.

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

4

S 35 | S 36

1934

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

43.88 Gulch, 45 ft. deep, course NE.

53.00 Gulch, 59 ft. deep, course E.

55.85 Top of spur, slopes E.; desc. 58 ft. over NE. slope.

- Chains.  
 59.85 Wash, 15 lks. wide, course E.; asc. 65 ft. over SE. slope.  
 67.55 Spur, slopes E.; desc. 57 ft. over NE. slope.  
 73.50 Wash, 5 lks. wide, course E.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a sandstone, 12x8x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 25, 26, 35, and 36, with brass cap mkd.

T 2 S R 7 W  
 S 26 | S 25  
 S 35 | S 36  
 1934

Land, rolling.  
 Soil, gravelly; 3rd rate.  
 Timber, palo verde; undergrowth, greasewood and cacti.

East, on a random line bet. secs. 25 and 36.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect E. bdy. of Tp., at the cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence

West, on a true line bet. secs. 25 and 36.

Over rolling land, through scattered desert growth.

- 18.60 Wash, 10 lks. wide, course NE.  
 29.60 Wash, 100 lks. wide, 10 ft. deep, course NE.  
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 25.  
 S 36  
 1934

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

- 41.70 Wash, 50 lks. wide, course SE.  
 51.40 Bend in same wash, 30 lks. wide, from SW. course SE.  
 58.90 Bend in same wash, from SW. course SE.  
 64.90 Same wash, 20 lks. wide, course SE.  
 71.20 Wash, 10 lks. wide, course S. 60° E.  
 79.96 The cor. of secs. 25, 26, 35, and 36.

Land, rolling.  
 Soil, gravelly; 3rd rate.  
 Timber, palo verde; undergrowth, greasewood and cacti.

Chains.	N.0°01'W., bet. secs. 25 and 26. Over rolling land, through scattered desert growth.
3.10	Wash, 10 lks. wide, course SE.; asc. 25 ft. over S. slope.
22.10	Low spur, slopes E.; desc. 52 ft. over NE. slope.
23.00	Wash, 30 lks. wide, 10 ft. deep, course E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 26   S 25 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
40.70	Wash, 30 lks. wide, course E.
48.90	Wash, 10 lks. wide, course SE.; asc. 153 ft. over SW. slope.
60.95	Thence along W. slope.
64.75	Head of wash, course W.
69.10	Spur, slopes W.; desc. 88 ft. over NW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a malpais stone, 6x4x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.
	T 2 S R 7 W S 23   S 24 S 26   S 25 1934
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde; undergrowth greasewood and cacti.
	East, on a random line bet. secs. 24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect E. bd. of T., 7 lks. S. of the cor. of secs. 19, 24; 25 and 30; hereinbefore described.
	Thence
	S.89°57'W.; on a true line bet. secs. 24 and 25.
	Over rolling land, through scattered desert growth.
	Ascend 57 ft. over SE. slope.
33.44	Wash, 15 lks. wide, course NE.; continue ascending 60 ft.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the

Chains ground to bedrock, with a malpais rock, 6x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 24  
S 25  
1934

Descend 150 ft. along N. slope.

46.64 Wash, 10 lks. wide, course N.

79.94 The cor. of secs. 23, 24, 25, and 26.

Land, rolling.  
Soil, gravelly and stony; 3rd rate.  
Timber, scattered palo verde; undergrowth, greasewood and cacti.

N.0°01'W., bet. secs. 23 and 24.

Over rolling land, through scattered desert growth.

Descend 63 ft. over N. slope.

7.70 Head of wash, 20 lks. wide, course NW.; desc. 34 ft. over N. slope.

22.80 Foot of descent; asc. 23 ft.

24.40 Top of small cone.; desc. 29 ft.

39.00 Wash, 50 lks. wide, course N. 30° E.; continue descending 23 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$   
S 23 | S 24  
1934

from which

An ironwood, 8 ins. diam., bears S. 21 $\frac{3}{4}$ ° E., 44 lks. dist., mkd.  $\frac{1}{4}$  S24 BT.

An ironwood, 10 ins. diam., bears S. 58 $\frac{1}{2}$ ° W., 105 lks. dist., mkd.  $\frac{1}{4}$  S23 BT.

43.20 Road, bears NW. and SE.; asc. 21 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, with brass cap mkd.

T 2 S R 7 W  
S 14 | S 13  
S 23 | S 24  
1934

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

Land, rolling.  
Soil, gravelly and stony; 3rd rate.

Chains.	Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.
	N.89°57'E., on a random line bet. secs. 13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect E. bdy. of Tp., 19 lks. N. of the true point for cor. of secs. 13, 18, 19, and 24, hereinbefore described. Thence
	N.89°55'W., on a true line bet. secs. 13 and 24.
	Over rolling land, through scattered desert growth.
.60	Leave wash, course S. 70° E.
5.50	Mineral Location Monument, bears S. 10 lks. dist.
22.40	Wash, 20 lks. wide, course NE.
28.90	Discovery monument ( Little King No. 8) along shaft 6 ft. square, 5 ft. deep, bears S. about 200 lks. dist.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ <u>S 13</u>
	S 24
	1934
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
40.10	Road, bears SW. and NE.
54.10	Road, bears SW. and NE.
80.00	The cor. of secs. 13, 14, 23, and 24.
	Land, rolling. Soil gravelly and stony 3rd and 4th rate. Timber, scattered palo verde; undergrowth, greasewood and catclaw.
	N.0°01'W., bet. secs. 13 and 14.
	Over rolling land, through scattered desert growth.
25.00	Road, bears E. and W.
29.50	Wash, 10 lks. wide, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a malpais stone, 8x6x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$
	S 14   S 13
	1934
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in

Chains. the ground, for cor. of secs. 11, 12, 13, and 14, with brass cap mkd.

T 2 S R 7 W  
 S 11 | S 12  
 S 14 | S 13  
 1934

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

Land, rolling.  
 Soil, gravelly and stony; 3rd rate.  
 Timber, scattered palo verde; undergrowth, greasewood and cacti.

S.89°55'E., on a random line bet. secs. 12 and 13.

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

80.02 Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs. 7, 12, 13 and 18, hereinbefore described.

Thence

N.89°56'W., on a true line bet. secs. 12 and 13.

Over rolling land, through scattered desert growth.

6.23 Wash, 30 lks. wide, course NE.

35.83 Wash, 30 lks. wide, course NE.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 12  
 S 13  
 1934

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

64.43 Wash, 10 lks. wide, course N.

80.02 The cor. of secs. 11, 12, 13, and 14.

Land, rolling.  
 Soil, gravelly; 3rd rate.  
 Timber, scattered palo verde; undergrowth, greasewood and cacti.

N.0°01'W., bet. secs. 11 and 12.

Over rolling land, through scattered desert growth.

1.00 Wash, 20 lks. wide, course NE.

13.00 Wash, 30 lks. wide, course NE.; asc. 23 ft.

39.00 Small wash, 5 lks. wide, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

Chains

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

S 11	S 12
1934	

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

49.30 Road, bears NE. and SW.

59.90 Shallow wash, course NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, with brass cap mkd.

T 2 S R 7 W	
S 2	S 1
S 11   S 12	
1934	

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

Land, rolling.

Soil, gravelly; 3rd rate.

Timber, scattered palo verde; undergrowth, greasewood and cacti.

S. 89°56' E., on a random line bet. secs. 1 and 12.

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

79.98 Intersect E. bdy. of Tp., 7 lks. N. of the cor. of secs. 1, 6, 7, and 12, hereinbefore described.

Thence

N. 89°53' W., on a true line bet. secs. 1 and 12.

Over rolling land, through scattered desert growth.

6.00 Wash, 15 lks. wide, course NE.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$ S 1	
S 12	
1934	

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

61.20 Road, bears NE. and SW.

74.50 Wash, course NE.

79.98 The cor. of secs. 1, 2, 11, and 12.

Land, rolling.

Soil, gravelly; 3rd rate.

Timber, scattered palo verde; undergrowth, greasewood and cacti.

Chains.	N.0°01'W., on a random line bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
72.48	Intersect N. bdy. of Tp., 5 lks. E. of the cor. of secs. 1, 2, 35 and 36, which is an iron post, 2 ins. diam., standing firmly 7 ins. above ground, marked and witnessed as described in the official record.
	Thence
	S.0°03'E., on a true line bet. secs. 1 and 2.
	Over rolling land, through scattered desert growth.
15.18	Right of way fence of the Southern Pacific Ry, bears N. 61° E. and S. 61° W.
16.03	Telegraph line, bears N. 61° E. and S. 61° W.
16.84	Main line of the Southern Pacific Ry., bears N. 61° E. and S. 61° W.
18.23	Telegraph line, bears N. 61° E. and S. 61° W.
18.57	Right of way fence of the Southern Pacific Ry, bears N. 61° E. and S. 61° W.
24.28	Highway 80, bears SE. to Phoenix, and NW. to Agua Caliente Hot Springs.
32.48	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.
	$\frac{1}{4}$ S 2   S 1 1934
	dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.
	From this point a bench mark of the U. S. Geological Survey, marked G 10, dated 1927, bears N. 19°40' W., 12.48 chs. dist.; a brass tablet seated in concrete block, 12 ins. square.
72.48	The cor. of secs. 1, 2, 11 and 12.
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.
	Thence from the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., hereinbefore described.
	N.0°01'W., bet. secs. 34 and 35.
	Over mountainous land, through scattered desert growth.
	Ascend 440 ft. over ledge.
13.30	Spur, slopes SE.; desc. 442 ft. over ledges.
17.04	Impassable ledge; thence offset W. 1.47 chs.; then run on offset line N.0°01'W.

Chains.	
20.58	Offset E. 1.47 chs., to true line, continue descending.
22.93	Ledge, 25 ft. high, bears E. and W.
25.18	Ledge, 40 ft. high, bears E. and W.
38.48	Head of wash, course NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 5 ins. in the ground to bedrock, with a lava stone, 8x8x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 34   S 35 1934
	Descend 81 ft. over broken N. slope.
53.16	Gulch, 15 lks. wide, 12 ft. deep, course E.; continue over rolling land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with a sandstone, 8x8x5 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 26, 27, 34, and 35, with brass cap mkd.
	T 2 S R 7 W S 27   S 26 S 34   S 35 1934
	Land, mountainous and rolling. Soil, rocky; 4th rate. Timber, none; undergrowth, greasewood and cacti.
	East, on a random line bet. secs. 26 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 25, 26, 35, and 36.
	Thence
	S.89°57'W., on a true line bet. secs. 26 and 35.
	Over rolling land, through scattered desert growth.
33.46	Gulch, 30 lks. wide, course N.
39.94	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 26 S 35 1934
	Ascend 44 ft. over NE. slope.
48.68	Top of ascent, bears N. and S., and bluff 40 ft. high.; desc. 128 ft. over W. slope.
67.48	Wash, 10 lks. wide, course N.

Chains 71.28	Wash, 10 lks. wide, course N.
79.88	The cor. of secs. 26, 27, 34, and 35..
	Land, rolling. Soil, rocky; 4th rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.
	N.0°01'W., bet. secs. 26 and 27.
	Over mountainous land, through scattered desert growth. Descend 80 ft.
24.20	Wash, 10 lks. wide, course NW.
27.40	Bend in same wash, from SW. course NW.
36.80	Wash, 10 lks. wide, course NW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 27   S 26 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Ascend 23 ft.
56.90	Top of ascent on W. slope of spur.; desc. 74 ft. over NW. slope.
74.92	Wash, 50 lks. wide, course NE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with a malpais stone, 10x6x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 22, 23, 26 and 27, with brass cap mkd.
	T 2 S R 7 W S 22   S 23 S 27   S 26 1934
	Land, mountainous. Soil, rocky; 4th rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.
	N.89°57'E., on a random line bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Intersect N. and S. line, 7 lks. N. of the cor. of secs. 23, 24, 25, and 26.
	Thence

Chains.	West, on a true line bet. secs. 23 and 26. Over rolling and broken land, through scattered desert growth. Descend 34 ft. over SW. slope.
7.55	Wash, 10 lks. wide, course NW.
9.05	Wash, 10 lks. wide, course N. 20° E.
26.60	Wash, 15 lks. wide, course NE.
39.93	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with a malpais stone, 6x4x4 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \text{ S } 23 \\ \hline \text{S } 26 \\ 1934 \end{array}$
46.15	Wash, 20 lks. wide, course N.
55.45	Road, bears N. and S.
75.65	Wash, 50 lks. wide, course N.
79.86	The cor. of secs. 22, 23, 26, and 27. Land, rolling. Soil, rocky; 4th rate. Timber, scattered palo verde; undergrowth, cacti.
	N.0°01'W., bet. secs. 22 and 23. Over rolling land, through scattered desert growth.
12.30	Wash, 30 lks. wide, course NE.
19.30	Wash, 30 lks. wide, course NW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \\ \hline \text{S } 22 \mid \text{S } 23 \\ \hline 1934 \end{array}$
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap mkd. raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	$\begin{array}{r} \text{T } 2 \text{ S } \text{ R } 7 \text{ W} \\ \hline \text{S } 15 \mid \text{S } 14 \\ \hline \text{S } 22 \mid \text{S } 23 \\ \hline 1934 \end{array}$
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, gravelly; 3rd rate.

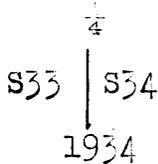
Chains.	<p>Timber, scattered palo verde; undergrowth, greasewood and cacti.</p> <hr/> <p>East, on a random line bet. secs. 14 and 23.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>79.80 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 13, 14, 23, and 24.</p> <p>Thence</p> <p>S.89°56'W., on a true line bet. secs. 14 and 23.</p> <p>Over rolling land, through scattered desert growth.</p> <p>25.30 Wash, 10 lks. wide, course NE.; asc. 23 ft. over E. slope.</p> <p>33.90 Top of low ridge, bears N. and S.</p> <p>34.00 Road, bears SW. and NE.</p> <p>39.90 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <div style="text-align: center;"> <math>\frac{1}{4}</math> <u>S 14</u>              S 23              1934         </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Descend 23 ft. over NW. slope.</p> <p>48.60 Wash, 30 lks. wide, course NE.</p> <p>52.30 Base of slope, bears NE. and SW.; asc. 114 ft. over SE. slope.</p> <p>67.30 Top of ascent.; desc. 23 ft. over SW. slope.</p> <p>79.80 The cor. of secs. 14, 15, 22, and 23.</p> <p>Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.</p> <hr/> <p>N.0°01'W., bet. secs. 14 and 15.</p> <p>Over rolling land, through scattered desert growth.</p> <p>Ascend 23 ft. over SW. slope.</p> <p>19.90 Spur, slopes W.; desc. 141 ft. NW. slope.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <div style="text-align: center;"> <math>\frac{1}{4}</math>              S 15   S 14              1934         </div> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p>
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Chains.	The $\frac{1}{4}$ sec. cor. is located at base of slope.
51.00	Road, bears E. and W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, with brass cap mkd.
	$\begin{array}{c} T\ 2\ S\ R\ 7\ W \\ S\ 10\  S\ 11 \\ S\ 15\  S\ 14 \\ 1934 \end{array}$
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.
	N. $89^{\circ}56'$ E., on a random line bet. secs. 11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.88	Intersect N. and S. line, 9 lks. N. of the cor. of secs. 11, 12, 13, and 14.
	Thence
	West, on a true line bet. secs. 11 and 14.
	Over rolling land, through scattered desert growth.
.30	Wash, 10 lks. wide, course NE.
13.20	Wash, 10 lks. wide, course NE.
22.78	Road, bears N. and S.
30.30	Wash, 30 lks. wide, 8 ft. deep, course N.
39.94	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap
	$\begin{array}{c} S\ 11 \\ \frac{1}{4} \\ S\ 14 \\ 1934 \end{array}$
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
41.28	Wash, 30 lks. wide, course N.
73.38	Wash, 10 lks. wide, course NE.
75.68	Wash, 10 lks. wide, course NE.
79.88	The cor. of secs. 10, 11, 14, and 15.
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde; undergrowth, greasewood and cactus.

Chains.	N.0°01'W., bet. secs. 10 and 11. Over rolling land, through scattered desert growth. Ascend 35 ft.
6.16	Top of small hill.; desc. 29 ft.
14.65	Wash, 10 lks. wide, course N. 30° W.
37.50	Wash, 10 lks. wide, course N. 60° E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 10   S 11 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
47.70	Wash, 10 lks. wide, course N. 80° E.
65.80	Road, bears NE. and SW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, with brass cap mkd.
	T 2 S R 7 W S 3   S 2 S 10   S 11 1934
	raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.
	East, on a random line bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.82	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 1, 2, 11, and 12.
	Thence
	S.89°58'W., on a true line bet. secs. 2 and 11.
	Over level land, through scattered desert growth.
8.81	Wash, 50 lks. wide, course N.
39.91	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 2 S 11 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

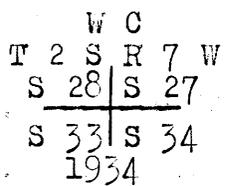
Chains.	
43.01	Wash, 10 lks. wide, course N.10°E.
56.52	Road, bears NE. and SW.
62.62	Wash, 20 lks. wide, course N. 10° E.
79.82	The cor. of secs. 2, 3, 10, and 11.
	Land, level. Soil, gravelly; 3rd rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.
	N.0°03'W., on a random line bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
72.55	Intersect N. bdy. of Tp., 20 lks. E. of the cor. of secs. 2, 3, 34, and 35, which is an iron post, 2 ins. diam., standing firmly 7 ins. above ground, marked and witnessed as described in the official record.
	Thence
	S.0°13'E., on a true line bet. secs. 2 and 3.
	Over level land, through scattered desert growth.
12.55	Road, bears E. to Phoenix, and W. to Agua Caliente Hot Springs.
32.55	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 3   S 2 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
41.65	Wash. 50 lks. wide, course N. 80° E.
50.55	Wash, 100 lks. wide, course N. 10° E.
59.35	Right of way fence of the Southern Pacific Ry, bears N. 61° E. and S. 61° W.
60.25	Telegraph line, bears N. 61° E. and S. 61° W.
61.25	Main line of the Southern Pacific Ry, bears N. 61° E. and S. 61° W.
61.45	Telegraph line, bears N. 61° E. and S. 61° W.
62.85	Right of way fence of the Southern Pacific Ry, bears N. 61° E. and S. 61° W.
65.65	Road, bears E. and W.
72.55	The cor. of secs. 2, 3, 10, and 11.
	Land, level. Soil, gravelly; 3rd rate. Timber, none; undergrowth, greasewood and cacti.

- Chains. Thence from the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., hereinbefore described.
- N.0°02'W., bet. secs. 33 and 34.
- Over rolling land, through scattered desert growth.
- Ascend 9 ft.
- 3.00 Saddle in spur, bears E. and W.; continue along W. slope.
  - 30.06 Wash, 50 lks. wide, 6 ft. deep, course W.
  - 31.76 Wash, 20 lks. wide, course SW.
  - 32.17 Top of small knoll.
  - 34.76 Wash, 20 lks. wide, course SW.
  - 39.46 Bend in wash, from NW. course SW.
  - 40.00 Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.



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

- 40.96 Same wash, 15 lks. wide, course SW.
- 49.78 Wash, 10 lks. wide, course W.
- 51.04 Wash, 10 lks. wide, course SW.
- 52.00 Base of slope.; asc. 471 ft. over SW. slope.
- 67.30 Top of ascent, bears E. and W.; desc. 178 ft. over N. slope.
- 79.67 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, with a cross (X) mkd. at the base, and in a mound of stone to top, for witness cor. of secs. 27, 28, 33, and 34, with brass cap mkd.



from which

E. face of bluff 15 ft. high, bears N. 72 $\frac{1}{2}$ ° W., 24 lks. dist., mkd. X B O.

- 80.00 True point for cor. of secs. 27, 28, 33, and 34, falls on ledge 4 ft. high.
- Land, rolling and mountainous.  
Soil, rocky; 4th rate.  
Timber, none; undergrowth, palo berde, greasewood and cacti.

Chains.	East, on a random line bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 26, 27, 34, and 35.
	Thence
	N.89°58'W., on a true line bet. secs. 27 and 34.
	Over mountainous land, through scattered desert growth.
	Descend 29 ft. over NW. slope.
15.66	Wash, 50 lks. wide, 10 ft. deep, course NE.; asc. 356 ft. over broken NE. slope.
26.61	Top of ledge 12 ft. high.
39.56	Set an iron post, 3 ft. long, 1 in. diam., 3 ins. in the ground to bedrock, with a sandstone, 6x6x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for witness $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} \text{WC } \frac{1}{4} \text{ S } 27 \\ \text{S } 34 \\ 1934 \end{array}$
	The witness $\frac{1}{4}$ sec. cor. is located near top on W. slope of rocky spur, sloping N.
40.00	True point for $\frac{1}{4}$ sec. cor. falls on sloping rock a place unsuitable for permanent cor.
	Descend 293 ft. over W. slope of ledges.
47.73	Wash, 10 lks. wide, course N.
65.03	Head of wash, course NW.
80.00	The true point for cor. of secs. 27, 28, 33, and 34.
	Land, mountainous.
	Soil, rocky; 4th rate.
	Timber, none; undergrowth, greasewood and cacti.
	N.0°02'W., bet. secs. 27 and 28.
	Over mountainous land, through scattered desert growth.
3.90	Desc. 204 ft. over NE. slope.
10.10	Wash, 10 lks. wide, 12 ft. deep, course W.; asc. 42 ft. over S. slope.
12.60	Top of knoll.; desc. 101 ft. over N. slope.
30.00	Wash, 15 lks. wide, 20 ft. deep, course N. 15° W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, with a felsite stone, 5x6x1 in. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \\ \text{S } 28 \mid \text{S } 27 \\ 1934 \end{array}$

Chains. Continue over rolling land.

51.90 Descend 11 ft. along narrow spur, slopes N.

72.50 Leave spur,; desc. 34 ft. along W. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bedrock, with a felsite stone, 6x4x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 21, 22, 27, and 28, with brass cap mkd.

T 2 S R 7 W  
 S 21 | S 22  
 S 28 | S 27  
 1934

The sec. cor. is located on W. slope of sharp narrow ridge.

Land, mountainous and rolling.  
 Soil, rocky; 4th rate.  
 Timber, scattered palo verde and catclaw; undergrowth, greasewood and cacti.

S.89°58'E., on a random line bet. secs. 22 and 27.

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 22, 23, 26, and 27.

Thence

West, on a true line bet. secs. 22 and 27.

Over rolling land, through scattered desert growth.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/4 sec. cor. with brass cap mkd.

1/4 S 22  
 S 27  
 1934

18x18x12 ins., E. and W. of post, 3 ft. dist. dig pits,

49.12 Mineral Location Monument, bears S. 150 lks. dist.

52.82 Wash, 20 lks. wide, course NW.

64.32 Wash, 20 lks. wide, 6 ft. deep, course N. 30° W.; asc. 23 ft. along E. slope of narrow ridge.

77.52 Top of ascent, bears N. and S.; desc. 22 ft. over W. slope.

79.92 The cor. of secs. 21, 22, 27, and 28.

Land, rolling.  
 Soil, gravelly; 3rd rate.  
 Timber, scattered ironwood, palo verde and catclaw; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 21 and 22.

Over rolling land, through scattered desert growth.

Chains.	Descend 17 ft. along W. slope.						
13.80	Wash, 15 lks. wide, course N. 60° E.						
15.00	Same wash, 15 lks. wide, course N. 30° W.						
27.40	Wash, 20 lks. wide, course S. 75° W.						
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.						
	$\frac{1}{4}$ <table style="margin: auto;"> <tr> <td>S 21</td> <td> </td> <td>S 22</td> </tr> <tr> <td colspan="3" style="text-align: center;">1934</td> </tr> </table>	S 21		S 22	1934		
S 21		S 22					
1934							
	dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.						
80.00	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.						
	<table style="margin: auto;"> <tr> <td>T 2 S R 7 W</td> </tr> <tr> <td>S 16   S 15</td> </tr> <tr> <td>S 21   S 22</td> </tr> <tr> <td style="text-align: center;">1934</td> </tr> </table>	T 2 S R 7 W	S 16   S 15	S 21   S 22	1934		
T 2 S R 7 W							
S 16   S 15							
S 21   S 22							
1934							
	from which						
	An ironwood, 5 ins. diam., bears N. 3 $\frac{1}{2}$ ° E., 30 lks. dist., mkd. BT.						
	An ironwood, 9 ins. diam., bears S. 46 $\frac{1}{4}$ ° E., 440 lks. dist., mkd. T2S R7W S22 BT.						
	An ironwood, 6 ins. diam., bears S. 49° W., 173 lks. dist., mkd. T2S R7W S21 BT.						
	An ironwood, 10 ins. diam., bears N. 72° W., 253 lks. dist., mkd. T2S R 7 W S16 BT.						
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde, ironwood and catclaw; undergrowth, greasewood and cacti.						
	East, on a random line bet. secs. 15 and 22.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
79.96	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 14, 15, 22, and 23.						
	Thence						
	N. 89° 55' W., on a true line bet. secs. 15 and 22.						
	Over rolling land, through scattered desert growth.						
	Ascend 23 ft. along S. slope.						
9.70	Top of ascent.						
10.69	Wash, 20 lks. wide, course NW.						
27.49	Road, bears SE. and NE.						

Chains.

31.12 Wash, 10 lks. wide, course N.

33.49 Dim road, bears N. and S.

39.98 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.

$\frac{1}{4}$  S 15  
 S 22  
 1934

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

46.69 Wash, 15 lks. wide, course N.

54.69 Wash, 10 lks. wide, course NW.

57.69 Wash, 10 lks. wide, course N.

65.49 Shallow wash, 10 lks. wide, course N.

75.89 Wash, 10 lks. wide, course NE.

79.96 The cor. of secs. 15, 16, 21, and 22.

Land, rolling.  
Soil, gravelly; 3rd rate.  
Timber, scattered palo verde; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 15 and 16.

Over rolling land, through scattered desert growth.

9.70 Wash, 10 lks. wide, course N. 10° E.

12.00 Same wash, course N. 30° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a malpais stone, 4x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$   
 S 16 | S 15  
 1934

56.50 Wash, 15 lks. wide, course NW.

67.30 Dim road, bears SE. and NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap mkd.

T 2 S R 7 W  
S 9 | S 10  
 S 16 | S 15  
 1934

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

Chains.	Land, rolling. Soil, stony; 3rd rate. Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.
	S.89°55'E., on a random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.90	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 10, 11, 14, and 15.
	Thence
	N.89°57'W., on a true line bet. secs. 10 and 15.
	Over rolling land, through scattered desert growth.
19.40	Road, bears NW. and SE.
37.50	Wash, 30 lks. wide, 6 ft. deep, course N. 10°E.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, with a malpais stone, 6x4x3 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ <u>S 10</u> S 15 1934
51.00	Wash, 20 lks. wide, course N. 10° E.
58.10	Wash, 10 lks. wide, course N.
58.80	Wash, 30 lks. wide, course N.10°E.
64.90	Head of wash, course N. 20° E.
79.90	The cor. of secs. 9, 10, 15, and 16.
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.
	N.0°02'W., bet. secs. 9 and 10.
	Over rolling land, through scattered desert growth.
39.80	Road, bears E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 9   S 10 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
44.30	Right of way fence of the Southern Pacific Ry, bears N. 61°E. and S. 59½° W.

- Chains.
- 45.55 Telegraph line, bears N. 61° E. and S. 59 $\frac{1}{2}$ ° W.
- 47.00 Main line of the Southern Pacific Ry, bears N. 61° E. and S. 59 $\frac{1}{2}$ ° W.
- 47.90 Telegraph line, bears N. 61° E. and S. 59 $\frac{1}{2}$ ° W.
- 49.60 Right of way fence of the Southern Pacific Ry, bears N. 61° E. and S. 59 $\frac{1}{2}$ ° W.; also an abandoned mine shaft, 6x4x50 ft. deep, bears S. 59 $\frac{1}{2}$ ° W., 7.31 chs. dist.
- 60.00 Ascend 222 ft. over S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a malpais stone, 6x6x2 ins. mkd. X; deposited at the base and in a mound of stone to top, for cor. of secs. 3, 4, 9, and 10, with brass cap mkd.

T 2 S R 7 W  
 S 4 | S 3  
 S 9 | S 10  
 1934

Land, rolling and mountainous.  
 Soil, rocky; 4th rate.  
 Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.

- S. 89° 57' E., on a random line bet. secs. 3 and 10.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.86 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 2, 3, 10, and 11.
- Thence
- West, on a true line bet. secs. 3 and 10.
- Over rolling land, through scattered desert growth.
- 13.86 Road, bears NE. and SW.
- 17.26 Right of way fence of the Southern Pacific Ry, bears N. 61° E. and S. 61° W.
- 17.89 Telegraph line, bears N. 61° E. and S. 61° W.
- 20.66 Main line of the Southern Pacific Ry, bears N. 61° E. and S. 61° W.
- 22.06 Telegraph line, bears N. 61° E. and S. 61° W.
- 23.80 Right of way fence of the Southern Pacific Ry, bears N. 61° E. and S. 61° W.
- 34.46 Wash, 50 lks. wide, course N. 10° E.
- 39.93 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

S 3  
 $\frac{1}{4}$  S 10  
 1934

Chains.	<p style="text-align: right;">raise a mound</p> <p>of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Ascend 320 ft. over SE. slope.</p> <p>71.60 Top of ascent; desc. 40 ft. along S. slope.</p> <p>79.86 The cor. of secs. 3, 4, 9, and 10.</p> <p>Land, rolling and mountainous. Soil, rocky; 4th rate. Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.</p>
40.00	<p>N.0°13'W., on a random line bet. secs. 3 and 4.</p> <p>Set temp. <math>\frac{1}{4}</math> sec. cor.</p>
72.47	<p>Intersect N. bdy. of Tp., 7 lks. E. of the cor. of secs. 3, 4, 33 and 34, hereinbefore described.</p> <p>Thence</p> <p>S.0°16'E., on a true line bet. secs. 3 and 4.</p> <p>Over mountainous land, through scattered desert growth.</p> <p>Ascend 92 ft. over NW. slope.</p>
32.47	<p>Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bedrock, with a stone, 6x3x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor. with brass cap mkd.</p> <p style="text-align: center;"> <math>\frac{1}{4}</math>  S 4   S 3  1934 </p> <p>Ascend 422 ft. over NW. slope.</p>
63.70	<p>Top of spur slopes W.; desc. 234 ft. over S. slope.</p>
72.47	<p>The cor. of secs. 3, 4, 9, and 10.</p> <p>Land, mountainous. Soil, rocky; 4th rate. Timber none; undergrowth, greasewood and cacti.</p>
1.60	<p>Thence from the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N.0°02'W., bet. secs. 32 and 33.</p> <p>Over rolling land through scattered desert growth.</p> <p>Wash, 30 lks. wide, course S. 60° W.</p>
2.70	<p>Branch of same wash, 40 lks. wide, course S. 60° W.; asc. 67 ft. over S. slope.</p>
6.50	<p>Top of spur ridge, bears E. and W.; desc. 46 ft. over N. slope.</p>
11.50	<p>Base of slope, bears NW. and SE.; asc. 102 ft. over gradual S. slope.</p>

Chains.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a felsite stone, 4x4x1 in. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

4  
S 32 | S 33  
1934

The  $\frac{1}{4}$  sec. cor. is located on W. slope 50 lks. below top of light colored knoll.

Ascend 18 ft. along W. slope.

41.40 Top of ledge; continue ascending 173 ft. over SW. slope.

51.30 Small spur slopes W.; continue ascending 39 ft. over SW. slope.

57.25 Ridge, bears SE. and NW.; desc. 211 ft. over NW. slope.

63.70 Wash, 20 lks. wide, course S.75°W.; asc. 109 ft. over S. slope.

66.40 Top of ledge 80 ft. high.; desc. 65 ft. over N. slope.

69.60 Foot of descent, bears NW. and SE.; asc. 211 ft. over SW. slope.

79.30 Top of ascent, bears NW. and SE.; desc. 23 ft. over NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, with a felsite stone, 4x5x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 28, 29, 32, and 33, with brass cap mkd.

T 2 S R 7 W  
S 29 | S 28  
S 32 | S 33  
1934

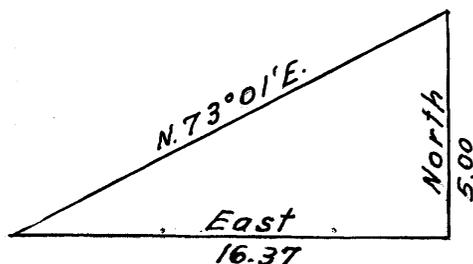
Land, rolling and mountainous.

Soil, rocky; 4th rate.

Timber, scattered palo verde; undergrowth, greasewood catclaw and cacti.

East, on a random line bet. secs. 28 and 33.

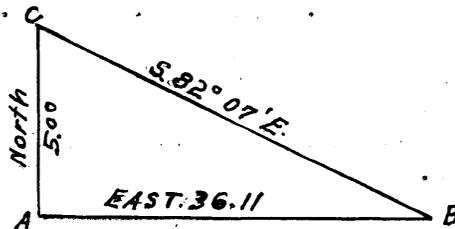
15.42 Top of precipitous bluff; vertical angle to flag on random line = 13°; auxiliary flag bears N.73°01'E.; from flag on random line the auxiliary flag bears North, 5.00 chs. dist.; all bearings checked by direct reading of the solar, and all angles checked by deflection.



Chains.	Dist. on random line	15.42 chs.
	Dist. by triangulation	<u>16.37</u> ✓
		31.79
	Dist. by direct meas.	<u>8.21</u>
		40.00

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

To obtain distance over precipitous bluffs: I designate the 31.79 ch. point A and set a flag B on random line, vertical angle  $-12\frac{1}{2}^{\circ}$ ; from flag A measure a base North, 5.00 chs. dist., and set flag C from which flag B bears  $S.82^{\circ}07'E$ ; all bearings checked by direct reading of the solar, and all angles checked by deflection:



Dist. by direct meas. and triangulation	31.79 chs.
Dist. by triangulation	<u>36.11</u>
	67.90 ✓
Dist. by direct meas.	<u>12.02</u>
	79.92

79.92 Intersect N. and S. line, 2 lks. N. of the true point for cor. of secs. 27, 28, 33, and 34.

Thence

N.  $89^{\circ}59'W$ ., on a true line bet. secs. 28 and 33.

Over mountainous land, through scattered desert growth.

Ascend 150 ft. over broken and rocky NE. slope.

1.00 spur, slopes NW.

12.00 Top of ridge, bears N. and S.

12.92 ( Estimated dist.) Top of cliff 50 ft. high, faces W.; desc. 524 ft. over SW. slope.

14.92 ( Estimated dist.) Head of canyon course N.

16.92 ( Estimated dist.) Ledge 50 ft. high, bears S. 250 lks. dist.

29.42 ( Estimated dist.) Top of square ledge on spur, slopes NW.

29.92 ( Estimated dist.) Top of bluff, 150 ft. high, bears N. and S.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with a felsite stone, 4x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 28  
S 33  
1934

Ascend 246 ft. over NE. slope of crumbling cliffs.

Chains.

64.40 Top of ascent, bears N. and S.; desc. 29 ft. over SW. slope.

69.42 Ledge on spur, bears N. and S.; desc. 101 ft. along S. slope.

79.92 The cor. of secs. 28, 29, 32, and 33.

Land, mountainous.  
Soil, rocky; 4th rate.  
Timber, scattered palo verde; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 28 and 29.

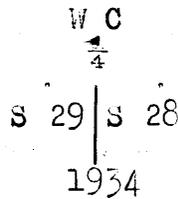
Over mountainous land, through scattered desert growth.

Descend 221 ft. over NW. slope.

28.20 Continue descending 34 ft. over N. slope.

38.30 Wash, 20 lks. wide, course S. 75° W.

39.80 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor. with brass cap mkd.



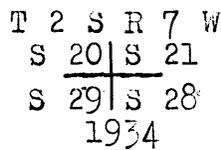
40.00 True point for  $\frac{1}{4}$  sec. cor. falls in wash, 5 lks. wide, 6 ft. deep, course SW.

Continue over rolling land.

52.26 Wash, 20 lks. wide, 6 ft. deep, course N. 75° W.

67.30 Wash, 20 lks. wide. course SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28, and 29, with brass cap mkd.



18x18x12 ins., in each sec. 3 ft. dist. dig pits,

Land, mountainous and rolling.  
Soil, rocky; 4th rate.  
Timber, palo verde and catclaw; undergrowth, greasewood and cacti.

S.89°59'E., on a random line bet. secs. 21 and 28.

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

80.00 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 21, 22, 27, and 28.

Chains.	Thence
	N.89°54'W., on a true line bet. secs. 21 and 28.
	Over rolling land, through scattered desert growth.
9.75	Top of knoll.; desc. 51 ft. along NW. slope.
17.80	Wash, 15 lks. wide, course N. 15° W.
40.00	Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a felsite stone, 3x3x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4} \begin{array}{r} S 21 \\ S 28 \\ 1934 \end{array}$
42.00	Wash, 15 lks. wide, course N.
80.00	The cor. of secs. 20., 21, 28, and 29.
	Land, rolling. Soil, rocky; 4th rate. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.
	N.0°02'W., bet. secs. 20 and 21.
	Over rolling land, through scattered desert growth.
13.80	Wash, 5 lks. wide, course SW.
32.20	Wash, 10 lks. wide, course NE.
38.10	Wash, 10 lks. wide, course E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4} \begin{array}{r} S 20   S 21 \\ 1934 \end{array}$
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
69.10	Wash, course SE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, with a granite stone, 10x8x8 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 16, 17, 20, and 21, with brass cap mkd.
	$\begin{array}{r} T 2 S R 7 W \\ S 17   S 16 \\ S 20   S 21 \\ 1934 \end{array}$
	Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.

Chains. S.89°54'E., on a random line bet. secs. 16 and 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.88 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 15, 16, 21, and 22.  
 Thence  
 N.89°55'W., on a true line bet. secs. 16 and 21.  
 Over rolling land, through scattered desert growth.  
 17.98 Wash, 50 lks. wide, course W.  
 39.94 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 16  
 S 21  
 1934

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

49.48 Wash, 15 lks. wide, course NW.  
 55.30 Wash, 15 lks. wide, course N.; asc. 28 ft. over E. slope.  
 55.68 Top of hill.; desc. 29 ft. over W. slope.  
 68.88 Wash, 5 lks. wide, course NW.  
 79.88 The cor. of secs. 16, 17, 20, and 21.

Land, rolling.  
 Soil, gravelly; 3rd rate.  
 Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 16 and 17.  
 Over rolling land, through scattered desert growth.

28.90 Wash, 20 lks. wide, course N. 30° E.  
 35.54 Right of way fence of the Southern Pacific Ry, bears N. 40° E. and S. 40° W.  
 37.17 Telegraph line, bears N. 40° E. and S. 40° W.  
 39.19 Main line of the Southern Pacific Ry, bears N. 40° E. and S. 40° W.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$   
 S 17 | S 16  
 1934

dis pits,  
 18x18x12 ins., N. and S. of post, 3 ft. dist.

Chains.																									
40.15	Telegraph line, bears N. 40° E. and S. 40° W.																								
42.73	Right of way fence of the Southern Pacific Ry, bears N. 40° E. and S. 40° W.																								
43.70	Road, bears NE. and SW.																								
58.30	Wash, 20 lks. wide, course E.																								
78.20	Wash, 15 lks. wide, course S. 60° E.																								
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a felsite stone, 4x4x5 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 8, 9, 16 and 17, with brass cap mkd.																								
	<table border="0"> <tr><td>T</td><td>2</td><td>S</td><td>R</td><td>7</td><td>W</td></tr> <tr><td>S</td><td>8</td><td> </td><td>S</td><td>9</td><td></td></tr> <tr><td>S</td><td>17</td><td> </td><td>S</td><td>16</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>1934</td><td></td></tr> </table>	T	2	S	R	7	W	S	8		S	9		S	17		S	16						1934	
T	2	S	R	7	W																				
S	8		S	9																					
S	17		S	16																					
				1934																					
	Land, rolling. Soil, gravelly; 3rd rate. Timber, palo verde and mesquite; undergrowth, greasewood and cacti.																								
	s. 89° 55' E., on a random line bet. secs. 9 and 16.																								
40.00	Set temp. 4 sec. cor.																								
79.86	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 9, 10, 15, and 16.																								
	Thence																								
	N. 89° 58' W., on a true line bet. secs. 9 and 16.																								
	Over rolling land, through scattered desert growth.																								
6.38	Road, bears NE. and SW.																								
10.78	Wash, 100 lks. wide, course N. 30° E.																								
30.78	Right of way fence of the Southern Pacific Ry, bears N. 39° 38' E. and S. 39° 38' W.																								
32.90	Telegraph line, bears N. 39° 38' E. and S. 39° 38' W.																								
33.58	Side track of the Southern Pacific Ry, bears NE. and SW.																								
33.88	Main line of the Southern Pacific Ry, bears N. 39° 38' E. and S. 39° 38' W.																								
35.38	Telegraph line, bears N. 39° 38' E. and S. 39° 38' W.																								
36.78	Right of way fence of the Southern Pacific Ry, bears N. 39° 38' E. and S. 39° 38' W.																								
39.03	Wash, 15 lks. wide, course N. 10° E.																								
39.93	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 4 sec. cor. with brass cap mkd.																								

Chains.

$\frac{1}{4}$  S 9  
S 16  
1934

18x18x12 ins., E. and W. of post, 3 ft. dist. dig pits.

- 52.36 Dim road, bears NW. and SE.
- 60.06 Wash, 15 lks. wide, course N.10°W.
- 79.86 The cor. of secs. 8, 9, 16, and 17.

Land, rolling.  
Soil, gravelly; 3rd rate.  
Timber, scattered palo verde; undergrowth, greasewood and cacti.

N.0°02'W., bet. secs. 8 and 9.

Over level land, through scattered desert growth.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a felsite stone, 4x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$   
S 8 | S 9  
1934

- 45.00 Ascend 51 ft. along SW. slope.
- 55.30 Top of knoll.; desc. 57 ft. over NE. slope.
- 62.90 Base of knoll.; asc. 55 ft. over SW. slope.
- 72.60 Top of knoll.; desc. 69 ft. over NE. slope.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a felsite stone, 4x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 4, 5, 8, and 9, with brass cap mkd.

T 2 S R 7 W  
S 5 | S 4  
S 8 | S 9  
1934

Land, level and rolling.  
Soil, rocky; 4th rate.  
Timber, scattered palo verde and catclaw; undergrowth, greasewood and cacti.

S.89°58'E., on a random line bet. secs. 4 and 9.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.82 Intersect N. and S. line. 2 lks. S. of the cor. of secs. 3, 4, 9, and 10.

Thence

Chains.	N.89°59'W., on a true line bet. secs. 4 and 9. Over mountainous land, through scattered desert growth. Descend 281 ft. over W. slope.
38.00	Wash, 100 lks. wide, course N. 10° W.
39.91	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. with brass cap mkd.  $\begin{array}{c} \frac{1}{4} \text{ S } 4 \\ \text{S } 9 \\ 1934 \end{array}$
	dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist. Continue over rolling land.
42.70	Road, bears NE. and SW.
60.25	Wash, 10 lks. wide, course N.
62.90	Wash, 10 lks. wide, course N. 10° W.
79.82	The cor. of secs. 4, 5, 8, and 9. Land, mountainous and rolling. Soil, rocky; 4th rate. Timber, scattered palo verde; undergrowth, catclaw, cacti and greasewood.
	N.0°02'W., bet. secs. 4 and 5. Over rolling land, through scattered desert growth.
31.80	Wash, 15 lks. wide, course N. 75° E.
34.20	Ascend 25 ft. over S. slope.
36.60	Top of knoll.; desc. 28 ft. over N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.  $\begin{array}{c} \frac{1}{4} \\ \text{S } 5   \text{S } 4 \\ 1934 \end{array}$
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
49.50	Graded road, bears S. 60° W., to Agua Caliente Hot Springs, and N. 60° E. to Phoenix and Buckeye.
60.50	Road, bears NW. and SE.
72.47	Intersect the S. bdy. of T. 1 S., R. 7 W. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for closing cor. of secs. 4 and 5, with brass cap mkd.

Chains.

T 1 S R 7 W  
 S 33  
 -----  
 S 5 | S 4  
 T 2 S | R 7 W  
 C C  
 1934

dig pits,

18x18x12 ins., E. W. and S of post, 3 ft. dist.

From point of intersection the cor. of secs. 32 and 33, T. 1 S., R. 7 W., hereinbefore described, bears West, 58 lks. dist.

Land, rolling.  
 Soil, gravelly; 2nd rate.  
 Timber, scattered palo verde, ironwood and catclaw; undergrowth, greasewood and cacti.

Thence from the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., hereinbefore described.

N.0°03'W., bet. secs. 31 and 32.

Over rolling land, through scattered desert growth.

Ascend 45 ft. over broken SW. slope.

24.80 Top of bluff.; desc. 40 ft. over NE. slope.

29.70 Wash, 15 lks. wide, course N. 60° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a stone, 7x6x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for sec. cor. with brass cap mkd.

†  
 S 31 | S 32  
 1934

41.50 Wash, 20 lks. wide, from N. 60° E., course N. 75° W.

79.70 Ravine, 5 lks. wide, 10 ft. deep, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., on surface rock, and in a mound of stone to top, for cor. of secs. 29, 30, 31, and 32, with brass cap mkd.

T 2 S R 7 W  
 S 30 | S 29  
 S 31 | S 32  
 1934

from which

A palo verde, 8 ins. diam., bears N. 68° E., 55 lks. dist., mkd. T2S R7W S29 BT.

A palo verde, 4 ins. diam., bears S. 14½° E., 67 lks. dist., mkd. BT.

A palo verde, 5 ins. diam., bears S. 84½° W., 204 lks. dist., mkd. T2S R7W S31 BT.

A palo verde, 14 ins. diam., bears N. 68½° W., 146 lks. dist., mkd. T2S R7W S30 BT.

Chains. The sec. cor. is located 150 lks. E. of junction of ravine and wash, 80 lks. wide, course S. 60° W.

Land, rolling.  
Soil, rocky; 4th rate.  
Timber, scattered palo verde; undergrowth, greasewood and cacti.

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East, on a random line bet. secs. 29 and 32.

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

60.72 To obtain distance over precipitous bluffs: I designate the 60.72 ch. point A and set a flag B on random line, vertical angle  $+14\frac{1}{2}^\circ$ ; from flag A measure a base South, 5.00 chs. dist. and set flag C from which flag B bears N. 69° 28' E.; all bearings checked by direct reading of the solar, and all angles checked by deflection:

Dist. by direct meas. 60.72 chs.  
Dist. by triangulation 13.35 ✓  
74.07

74.07 Point B.

80.00 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 28, 29, 32, and 33.

Thence

S. 89° 57' W., on a true line bet. secs. 29 and 32.

Over mountainous land, through scattered desert growth.

Ascend 19 ft. over NE. slope.

1.20 Spur, slopes SW.; desc. 324 ft. over ledges on W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, with a felsite stone, 4x3x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{S\ 29}{4}$   
S 32  
1934

40.30 Base of slope, bears N. and S.; asc. 74 ft. over E. slope.

50.40 Top of knoll.; desc. 99 ft. over W. slope.

67.00 Continue over rolling land.

80.00 The cor. of secs. 29, 30, 31, and 32.

Land, mountainous and rolling.  
Soil, rocky; 4th rate.  
Timber, scattered palo verde; undergrowth, greasewood and cacti.

Chains.	West, on a random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.38	Intersect W. bdy. of Tp., 14 lks. N. of the cor. of secs. 25, 30, 31, and 36, hereinbefore described.
	Thence
	N. $89^{\circ}54'E.$ , on a true line bet. secs. 30 and 31.
	Over mountainous land, through scattered desert growth.
	Descend 307 ft. over SE. slope.
30.48	Wash, 20 lks. wide, course S. $15^{\circ} E.$ ; asc. 51 ft. over SW. slope.
34.88	Spur, slopes NW.; desc. 69 ft. over SE. slope.
39.38	Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\begin{array}{r} \frac{S\ 30}{4} \\ S\ 31 \\ 1934 \end{array}$
	raise a mound
	of stone, 3 ft. base, 2 ft. high, N. of cor.
	Descend 40 ft. over SE. slope.
43.58	Wash, 200 lks. wide, course S.; continue over rolling land.
65.63	Right of way fence of the Southern Pacific Ry, bears N. $15^{\circ} E.$ and S. $15^{\circ} W.$
67.33	Main line of the Southern Pacific Ry, bears N. $15^{\circ} E.$ and S. $15^{\circ} W.$
68.93	Right of way fence of the Southern Pacific Ry, bears N. $15^{\circ} E.$ and S. $15^{\circ} W.$
	Ascend 57 ft. over W. slope.
70.50	Top of knoll; desc. 44 ft. over E. slope.
77.38	Wash, 80 lks. wide, course S. $60^{\circ} W.$
79.38	The cor. of secs. 29, 30, 31, and 32.
	Land, mountainous and rolling.
	Soil, rocky; 4th rate.
	Timber, palo verde and catclaw; undergrowth, greasewood and cacti.
	N. $0^{\circ}03'W.$ , bet. secs. 29 and 30.
	Over rolling land, through scattered desert growth.
1.90	Wash, 100 lks. wide, course SW.
7.00	Road, bears E. and W.
9.80	Wash, 20 lks. wide, course W.; asc. 23 ft.
22.70	Top of ascent in saddle; desc. 23 ft.

Chains	
33.00	Wash, 100 lks. wide, course SW.
36.80	Wash, 30 lks. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a malpais stone, 6x6x2 ins. mkd. X, deposited at the base, and in a mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 30   S 29 1934
40.47	Right of way fence of the Southern Pacific Ry, bears N. 3°35' E. and S. 3°35' W.
58.69	Main line of the Southern Pacific Ry, bears N. 3°35' E. and S. 3°35' W.
60.21	Center S. head wall of culvert, No. 848 B.
67.08	Telegraph line, bears N. 3° 35' E. and S. 3°35' W.
70.45	Culvert and right of way fence of the Southern Pacific Ry, bears E. and W.
71.30	Culvert and right of way fence of the Southern Pacific Ry, bears E. and W.
71.50	Telegraph line, bears N. 3° 35' E. and S. 3° 35' W.
79.36	Right of way fence, of the Southern Pacific Ry, bears N. 3°35' E. and S. 3°35' W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock, with a granite stone, 8x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 19, 20, 29, and 30, with brass cap mkd.
	T 2 S R 7 W S 19   S 20 S 30   S 29 1934
	Land, rolling. Soil, gravelly; 2nd rate. Timber, scattered palo verde; undergrowth, greasewood and cacti.
	N. 89°57' E., on a random line bet. secs. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 20, 21, 28, and 29.
	Thence
	N. 89°58' W., on a true line bet. secs. 20 and 29.
	Over rolling land, through scattered desert growth.
8.75	Wash, 50 lks. wide, course SW.

Chains.	Ascend 107 ft. over E. slope.
22.50	Top of ascent, bears N. and S.; desc. 123 ft. over W. slope.
28.00	Foot of slope, bears N. and S.; asc. 62 ft. over E. slope.
29.20	Top of ascent, bears NE. and SW.; desc. 62 ft. over W. slope.
36.90	Wash, 15 lks. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a granite stone, 6x6x4 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ <u>S 20</u> S 29 1934
51.90	Wash, 10 lks. wide, course SW.
61.80	Wash, 10 lks. wide, course S.
76.90	Right of way fence, bears N. 9° E. and S. 6 $\frac{1}{2}$ ° W.
78.42	Main line of the Southern Pacific Ry, bears N. 9° E. and S. 6 $\frac{1}{2}$ ° W.
78.90	Telegraph line, bears NE. and SW.
79.33	Telegraph line, bears NE. and SW.
79.95	Right of way fence, bears N. 9° E. and S. 6 $\frac{1}{2}$ ° W.
80.00	The cor. of secs. 19, 20, 29, and 30.
	Land, rolling. Soil, rocky; 3rd rate. Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.
	S.89°54'W., on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.26	Intersect W. bdy. of Tp., 7 lks. N. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described.
	Thence
	N.89°51'E., on a true line bet. secs. 19 and 30.
	Over rolling land, through scattered desert growth.
	Ascend 28 ft. over SW. slope.
3.00	Top of knoll, bears NW. and SE.; desc. 13 ft. over NE. slope.
4.30	Foot of descent bears NW. and SE.; asc. 86 ft. over NW. slope.
16.60	Top of knoll.; desc. 136 ft. over E. slope.
39.26	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a felsite stone, 3x4x2 ins. mkd.

Chains. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 19  
S 30  
1934

43.00 Wash, 10 lks. wide, 6 ft. deep, course S. 15° E.

51.10 Wash, 30 lks. wide, 8 ft. deep, course S. 15° W.

56.65 Road, bears N. and S,

60.25 Road, bears N. and S.

61.40 Wash, 25 lks. wide, course S.

70.80 Road, bears NE. and SW.

79.26 The cor. of secs. 19, 20, 29, and 30.

Land, rolling.

Soil, rocky; 4th rate.

Timber, palo verde and catclaw; undergrowth, greasewood and cacti.

N.0°03'W., bet. secs. 19 and 20.

Over rolling land, through scattered desert growth.

17.60 Road, bears NE. and SW.

20.70 Wash, 20 lks. wide, course S.30° W.

25.00 Ascend 23 ft. along E. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with a felsite stone, 3x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$   
S 19 | S 20  
1934

50.00 Ascend 101 ft. along SW. slope.

67.56 Top of knoll.; desc. 69 ft. over NE. slope. From this point S.P.Ry, Station at Harqua, Arizona, bears S.73° E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with a felsite stone, 7x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for cor. of secs. 17, 18, 19, and 20, with brass cap mkd.

T 2 S R 7 W  
S 18 | S 17  
S 19 | S 20  
1934

Land, rolling.

Soil, rocky; 3rd rate.

Timber, scattered palo verde and catclaw; undergrowth, greasewood and cacti.

Chains. S.89°58'E., on a random line bet. secs. 17 and 20.

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

80.08 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence

West, on a true line bet. secs. 17 and 20.

Over rolling land, through scattered desert growth.

30.54 Right of way fence, bears NE. and SW.

30.84 Telegraph line, bears NE. and SW.

32.54 Main line of the Southern Pacific Ry, bears NE. and SW.

32.69 Side track of the Southern Pacific Ry, bears NE. and SW.

33.46 Telegraph line bears NE. and SW.

34.36 Right of way fence, bears NE. and SW.

40.04 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 17  
S 20  
1934

18x18x12 in., E. and W. of post, 3 ft. dist. dig pits,

40.39 Road, bears NE. and SW.

54.94 Southern Pacific Ry station at Harqua, bears S.15°E.

80.08 The cor. of secs. 17, 18, 19, and 20.

Land, rolling.  
Soil, gravelly; 3rd rate.  
Timber, scattered palo verde and mesquite; undergrowth, greasewood and cacti.

S.89°51'W., on a random line bet. secs. 18 and 19.

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

79.15 Intersect W. bdy. of Tp., 2 lks. S. of the cor. of secs. 13, 18, 19, and 24, hereinbefore described.

Thence

N.89°52'E., on a true line bet. secs. 18 and 19.

Over rolling land, through scattered desert growth.

20.90 Wash, 15 lks. wide, course S. 15° E.

27.20 Road, bears N. and S.

39.15 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a felsite stone, 4x3x2 ins mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

Chains.	$\frac{1}{4} \begin{array}{c} S 18 \\ S 19 \\ 1934 \end{array}$
44.00	Ascend 117 ft. over SW. slope.
53.60	Top of ascent, bears NW. and SE.; desc. 80 ft. over NE. slope.
60.30	Foot of slope, bears NE. and SW.; asc. 36 ft. over SW. slope.
67.30	Top of ascent, bears NW. and SE.; desc. 52 ft. over SE. slope.
70.80	Foot of slope, bears NE. and SW.; asc. 31 ft. over SW. slope.
73.60	Top of ledge, bears NW. and SE.; desc. 46 ft. over NE. slope.
79.15	The cor. of secs. 17, 18, 19, and 20. Land, rolling. Soil, rocky; 4th rate. Timber, palo verde and ironwood; undergrowth, greasewood and cacti.
N.0°03'W., bet. secs. 17 and 18. Over rolling land, through scattered desert growth.	
16.80	Wash, 15 lks. wide, course S. 75° E.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a felsite stone, 5x3x2 ins. mkd. X, deposited at the base, and in a mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4}$ $\begin{array}{c} S 18   S 17 \\ 1934 \end{array}$
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bedrock, with a felsite stone, 4x3x6 ins. mkd. X, deposited at the base, and in a mound of stone to top for cor. of secs. 7, 8, 17, and 18, with brass cap mkd. $\begin{array}{c} T 2 S R 7 W \\ S 7   S 8 \\ S 18   S 17 \\ 1934 \end{array}$
Land, rolling. Soil, rocky; 3rd rate. Timber, scattered palo verde, ironwood and catclaw; undergrowth, greasewood and cacti.	
East, on a random line bet. secs. 8 and 17.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line at the cor. of secs. 8, 9, 16, and 17.

Chains.	Thence West, on a true line bet. secs. 8 and 17. Over rolling land, through scattered desert growth. 5.34 Wash, 15 lks. wide, course S.60°E. 40.02 Set an iron post, 3 ft. long, 1 in. diam., on surface rock, with a felsite stone, 4x4x6 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4} \frac{S 8}{S 17}$ 1934 The $\frac{1}{4}$ sec. cor. is located 3 lks. W. of ledge 2 ft. high, bearing N. and S. 80.04 The cor. of secs. 7, 8, 17, and 18. Land, rolling. Soil, rocky; 3rd rate. Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.
40.00	S.89°52'W., on a random line bet. secs. 7 and 18. Set temp. $\frac{1}{4}$ sec. cor.
79.10	Intersect W. bdy. of Tp., 12 lks. S. of the cor. of secs. 7, 12, 13, and 18. <del>hereinbefore</del> described. Thence N.89°57'E., on a true line bet. secs. 7 and 18. Over rolling land, through scattered desert growth. .55 Wash, 30 lks. wide, course N.30°W. 3.95 Road, bears N. and S. 15.00 Ascend 34 ft. over SW. slope. 20.00 Top of ascent, bears NW. and SE.; desc. 23 ft. over SE. slope. 39.10 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a malpais stone, 2x2x1 in. mkd. X, deposited at the base, and in a mound of earth to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd. $\frac{1}{4} \frac{S 7}{S 18}$ 1934 18x18x12 ins., E. and W. of post, 3 ft. dist. dig pits, 54.30 Wash, 15 lks. wide, course N.30°W. 79.10 The cor. of secs. 7, 8, 17, and 18. Land, rolling. Soil, gravelly; 3rd rate. Timber, scattered palo verde and ironwood; undergrowth,

Chains.	greasewood and cacti.
	N.0°03'W., bet. secs. 7 and 8.
	Over rolling land, through scattered desert growth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground to bedrock, with a malpais stone, mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 7   S 8 1934
42.70	Wash, 20 lks. wide, course N.15°E.
74.00	Shaft, 8 ft. deep and mineral location monument bears W.
74.10	Shaft, 6 ft. deep and mineral location monument bears E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, with brass cap mkd.
	T 2 S R 7 W S 6   S 5 S 7   S 8 1934
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Land, rolling. Soil, rocky; 4th rate. Timber, palo verde; undergrowth, greasewood.
	East, on a random line bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8, and 9.
	Thence
	S.89°57'W., on a true line bet. secs. 5 and 8.
	Over rolling land, through scattered desert growth.
10.85	Wash, 20 lks. wide, course N.10°E.
36.90	Wash, 10 lks. wide, course N.80°E.
39.97	Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, with a granite stone, 8x4x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.
	$\frac{1}{4}$ S 5 S 8 1934
53.30	Dim road, bears N. and S.

Chains.

66.90 Wash, 40 lks. wide, course NE.

71.60 Dim road, bears N. and S.

73.40 Wash, 10 lks. wide, course N.10°W.

79.94 The cor. of secs. 5, 6, 7, and 8.

Land, rolling.  
Soil, rocky; 4th rate.  
Timber, scattered palo verde and ironwood; undergrowth, greasewood and cacti.

S.89°57'W., on a random line bet. secs. 6 and 7.

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

78.96 Intersect W. bdy. of Tp., 2 lks. S. of the true point for cor. of secs. 1, 6, 7, and 12, hereinbefore described.

Thence

N.89°58'E., on a true line bet. secs. 6 and 7.

Over rolling land, through scattered desert growth.

Over bed of wash.

3.50 Leave wash, course NE.

6.20 Graded road, bears NE. to Phoenix, and SW. to Agua Caliente Hot Springs.

16.00 Enter wash, course NE.

27.90 Leave wash, course NE.

36.40 Dim road, bears N. and S.

37.98 Wash, 10 lks. wide, course N.10°E.

38.96 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$  S 6  
S 7  
1934

18x18x12 ins., E. and W. of post, 3 ft. dist. dig pits,

40.00 Wash, 20 lks. wide, course N.20°W.

55.10 Prospect hole on line.

69.60 Road, bears N. and S.

73.22 Wash, 10 lks. wide, course N.20°E.

78.96 The cor. of secs. 5, 6, 7, and 8.

Land, rolling.  
Soil, rocky; 4th rate.  
Timber, scattered palo verde; undergrowth, greasewood and cacti.

Chains. N.0°03'W., bet. secs. 5 and 6.

Over rolling land, through scattered desert growth.

13.00 Graded road, bears E. to Buckeye and Phoenix, and W. to Agua Caliente Hot Springs.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock, with a felsite stone, 3x6x2 ins. mkd. X, deposited at the base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

$\frac{1}{4}$   
S 6 | S 5

1934

54.00 Wash, 60 lks. wide, course N.60°E.

67.40 Wash, 75 lks. wide, course N.75°E.

72.48 Intersect the S. bdy. of T. 1 S., R. 7 W.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 5 and 6, with brass cap mkd.

T 1 S R 7 W

S 32

S 6 | S 5  
T 2 S | R 7 W

C C

1934

dig pits,  
18x18x12 ins., E. W. and S. of post, 3 ft. dist.

From point of intersection the cor. of secs. 31 and 32, T. 1 S., R. 7 W., hereinbefore described, bears West, 68 lks. dist.

Land, rolling.

Soil, gravelly; 2nd rate.

Timber, scattered palo verde and catclaw; undergrowth, greasewood.

At a point mid-way bet. the NE. and NW. cors. of sec. 4, which is 30 lks. E. of the  $\frac{1}{4}$  sec. cor. of sec. 33, T. 1 N., R. 7 W., hereinbefore described.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 4 only, with brass cap mkd.

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

1934

dig pits,  
18x18x12 ins., E. and W. of post, 3 ft. dist.

## SUBDIVISION OF T. 2 S., R. 7 W.

65

BOOK 4012

Chains. At a point mid-way bet. the NE. and MW.cors. of sec. 5, which is 66 lks. E. of the  $\frac{1}{4}$  sec. cor. on the S. bdy. of sec. 32, T. 1 S., R. 7 W., hereinbefore described.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 5 only, with brass cap mkd.

$\frac{1}{4}$  S 5  
1934

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

At a point 40.00 chs. W. of the NE. cor. of sec. 6, which is 75 lks. E. of the  $\frac{1}{4}$  sec. cor. on the S. bdy. of sec. 31, T. 1 S., R. 7 W., hereinbefore described.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap mkd.

$\frac{1}{4}$  S 6  
1934

dig pits,  
18x18x12 ins., E. and W. of post, 3 ft. dist.

From this point, ruins of old house, bears S.  $1\frac{1}{2}^{\circ}$  W., about 10.00 chs. dist.

## FINAL TEST OF SOLAR ATTACHMENTS.

Mar. 22: On the meridian hereinbefore described with Buff transit No. 16723, and Young & Sons transit No. 8545, at 8h 30m a.m., app. t., We set off  $33^{\circ}15\frac{1}{2}'$  N., on the lat. arcs;  $0^{\circ}33'$  N., on the decl. arcs; and orient the instruments with the solar; the line of sight agrees with the meridian established by Polaris observation.

At 4h 30m p.m., app. t., We set off  $33^{\circ}15\frac{1}{2}'$  N., on the lat. arcs;  $0^{\circ}41'$  N., on the decl. arcs; and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

March 22, 1934.

## GENERAL DESCRIPTION.

The land included in this survey is rolling and mountainous. The general elevation of the township is about 2,000 ft. above sea level. The Gila Mountains trend E. and W. through the two south tiers of the township, which is steep, rough and rugged with precipitous bluffs. The remainder of the township slopes to the north with several isolated hills. The soil is stony and gravelly 4th rate in the south part along the mountains. The soil in the northern part is 2nd and 3rd rate, gravelly and more or less eroded. The timber is scattered palo verde and ironwood. The undergrowth is greasewood, catclaw and cacti.

Some mineral developments are found in secs. 14, 15 and 9. One settler has evidently intended to locate in the NE $\frac{1}{4}$  of sec. 6. However ruins of old house is located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of sec. 6.

4-680  
(August, 1926)

**FIELD ASSISTANTS.**

NAMES.	CAPACITY.
T. H. Burris	1st Chainman
Wallace Ried	2nd Chainman
John Midzor	Flagman
Arthur A. Kidd	Moundman
E. A. Robart	Moundman
Walter C. Smith	Axman
Olliver H. Miller	Axman
Jack Sheley	1st Chainman
Otho Thornton	2nd Chainman
Bill Sheldon	Rodman
Arthur Hargraves	Axman
John Grandstaff	Axman
S. E. Wood	Moundman
J. I. Meskimons	Moundman

BOOK 4012

CERTIFICATE OF UNITED STATES SURVEYOR

Engineer and Robert H. Fischer, U.S. Transitman  
We, Francis E. Joy, U.S. Cadastral/ hereby certify upon honor that, in pursuance

of special instructions received from the District Cadastral Engineer for Arizona

bearing date of the 15th day of July, 1930, we have well, faithfully, and truly

in our own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-  
tions, and the laws of the United States, surveyed ~~the south boundary~~ the south boundary

of Township 2 South, Range 6 West; the east, south and west boundaries  
and subdivisional lines of Township 2 South, Range 7 West, and resur-

veyed a portion of the north boundary of Township 2 South, Range 7 West,

of the Gila and Salt  
River Meridian, in the State of Arizona, which are represented in

the foregoing field notes as having been executed by us, and under our direction; and that all the corners of  
said survey and resurvey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the District Cadastral Engineer for Arizona

and in the specific manner described in the field notes, and that the foregoing are the original field notes of  
such survey and resurvey.

Robert H Fischer  
Phoenix, Arizona  
April 7, 1934.

Francis E Joy  
U. S. Cadastral Engineer  
Glendale, California  
September 13, 1934.

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, December 3, 1934.

The foregoing field notes of the survey of the south boundary of Township 2 South,  
Range 6 West; the east, south and west boundaries of Township 2 South,  
Range 7 West, and resurvey of a portion of the north boundary of Town-  
ship 2 South, Range 7 West, of the Gila and Salt River Meridian in the  
State of Arizona,

executed by Francis E. Joy, U.S. Cadastral Engineer and Robert H. Fischer,  
U.S. Transitman,  
under their special instructions dated July 15, 1930, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys  
and resurveys they describe, are hereby approved.

U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in  
has been correctly copied from the original notes on file in this office

U. S. Supervisor of Surveys.