

Book C.

BOOK 3997

FIELD NOTES

OF THE

Resurvey of a Portion of the North Boundary, a Portion of
 the South Boundary, a Portion of the Subdivisional Lines,
 and Survey of a portion of the Subdivisional Lines,
 Completing the Subdivision of Township 13 South, Range
 19 East,

Of the Gila and Salt River Meridian,

In the State of Arizona,

EXECUTED BY

Charles E. Hunter, U. S. Transitman,

Under special instructions dated October 8, 1932, which provided
 for the surveys included under Group No. 179, bearing the approval of the
 Commissioner of the General Land Office under date of November 4, 1932,
 and assignment instructions dated November 16, 1932.

Survey commenced December 30, 1932.

Survey completed January 26, 1933.

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INDEX DIAGRAM.

Township 13 SOUTH, Range 19 EAST

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39		38		14	<i>8 Reconstructed.</i>					
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The Survey was executed with Young and Sons transit No. 8292, property of the General Land Office. The horizontal circle has a diameter of $4\frac{3}{4}$ ins. and two double opposite verniers reading to single minutes; the diameter of the vertical circle is 5 ins., with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132, with a focal constant of 1.2 lks. The instrument is equipped with the improved Smith solar attachment; radius of latitude arc $3\frac{1}{4}$ ins., and of declination arc $3\frac{7}{8}$ ins.; each with verniers reading to single minutes. The instrument was 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 Nov. 16, 1932. I examine all the instrumental adjustments before making the field tests hereinafter recorded.

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

The data furnished with the special instructions gives the geographic position for the SE. cor. of T.13 S., R.19 E., as follows: latitude $32^{\circ}15'10''$ N., and longitude $110^{\circ}21'12''$ W.

December 30, 1932, in camp near the cor. of secs. 22, 23, 26, and 27, T.13 S., R.19 E., at 6h 00m 10s p.m. by my watch, which is 22m 4s fast of l.m.t., I make an hour angle observation on Polaris E. of the meridian, two sights each with telescope in direct and reversed positions, and measure the deflection angle from a well defined point on a hill about 40.00 chs. distant, in the direction E.-N. to Polaris.

Azimuth of Polaris at hour angle	=	$N.0^{\circ}27'E.$
Deflection angle to Polaris	=	$50^{\circ}34'$
Bearing to reference point	=	$N.51^{\circ}01'E.$

In order to verify the latitude of this station and the reading of my watch, I make a meridian observation of the sun, first setting on the lower limb and noting the transit of the west limb, then after reversal of the instrument, setting on the upper limb and noting the transit of the east limb, as follows: Dec. 31

Mean observed altitude	=	$34^{\circ}39'00''$
Reduced latitude	=	$32^{\circ}17'42''$
Mean watch time of observation	=	$12h25m12s$
Watch fast of l.m.t.	=	$22m04s$
Same by calculated difference in long.	=	$21m32s$

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

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

Resurvey of the North Bdy. of T.14 S., R.19 E.

Chains	<p>The east one half mile of the S. bdy. of T.13 S., R.19 E. was surveyed by J.L. Harris, U.S.D.S. in 1879. In 1923 this half mile was resurveyed by S.E. Blout, U.S.C.E. and the west $5\frac{1}{2}$ miles of the N. bdy. of T.14 S., R.19 E. was surveyed under the same assignment. The east 15.39 chs. of the N. bdy. of T.14 S., R.18 E., was also resurveyed by Blout in 1923. No subsequent retracement or resurvey of this line is of record.</p> <p>Preliminary retracements verify the courses, distances, corner descriptions, and topography as given in the official record. The following notes describe the establishment of sec. and $\frac{1}{4}$ sec. cors. referring to areas in T.13 S., R.19 E. only, at intervals of 40.00 chs. beginning from the $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 36.</p> <p>-----</p> <p>From the cor. of secs. 1 and 2, S. $89^{\circ}46'W.$, on the N. bdy. of sec. 2.</p> <p>17.65 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, in mound of stone to top, for cor. of secs. 35 and 36 only, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S R19E</td></tr> <tr><td>S 35 S 36</td></tr> <tr><td>-----</td></tr> <tr><td>S 2</td></tr> <tr><td>T14S R19E</td></tr> <tr><td>1933</td></tr> </table> <p>40.00 The $\frac{1}{4}$ sec. cor. on N. bdy. of sec. 2.</p> <p>57.65 The true point for $\frac{1}{4}$ sec. cor. of sec. 35, falls on steep sloping rock.</p> <p>58.40 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for witness $\frac{1}{4}$ sec. cor. of sec. 35 only, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>$\frac{1}{4}$ S 35</td></tr> <tr><td>-----</td></tr> <tr><td>WC</td></tr> <tr><td>1933</td></tr> </table> <p style="text-align: right;">raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.</p> <p>80.00 The cor. of secs. 2 and 3.</p> <hr/> <p>S. $89^{\circ}46'W.$, on the N. bdy. of sec. 3.</p> <p>17.65 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top, for cor. of secs. 34 and 35 only, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S R19E</td></tr> <tr><td>S 34 S 35</td></tr> <tr><td>-----</td></tr> <tr><td>S 3</td></tr> <tr><td>T14S R19E</td></tr> <tr><td>1933</td></tr> </table> <p>39.60 The witness $\frac{1}{4}$ sec. cor. on N. bdy. of sec. 3.</p> <p>57.45 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for witness $\frac{1}{4}$ sec. cor. of sec. 34 only, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>WC</td></tr> <tr><td>$\frac{1}{4}$ S 34</td></tr> <tr><td>-----</td></tr> <tr><td>1933</td></tr> </table> <p style="text-align: right;">from which Fork of large juniper, 14 ins. diam., bears N. $17^{\circ}E.$, 101 lks. dist. marked $\frac{1}{4}$ S 34 W C B T</p>	T13S R19E	S 35 S 36	-----	S 2	T14S R19E	1933	$\frac{1}{4}$ S 35	-----	WC	1933	T13S R19E	S 34 S 35	-----	S 3	T14S R19E	1933	WC	$\frac{1}{4}$ S 34	-----	1933
T13S R19E																					
S 35 S 36																					

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

1933																					

Resurvey of the North Bdy. of T.14 S., R.19 E.

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Chains	A juniper, 7 ins. diam., bears N.16 $\frac{3}{4}$ °W., 77 lks. dist. marked $\frac{1}{4}$ S 34 W C B T										
57.65	The true point for $\frac{1}{4}$ sec. cor. falls in small gully, course NE.										
80.00	The cor. of secs. 3 and 4.										
S.89°46'W., on the N. bdy. of sec. 4.											
17.65	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 33 and 34 only, with brass cap marked										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S</td><td>R19E</td></tr> <tr><td>S 33</td><td>S 34</td></tr> <tr><td colspan="2" style="text-align: center;">S 4</td></tr> <tr><td>T14S</td><td>R19E</td></tr> <tr><td colspan="2" style="text-align: center;">1933</td></tr> </table>	T13S	R19E	S 33	S 34	S 4		T14S	R19E	1933	
T13S	R19E										
S 33	S 34										
S 4											
T14S	R19E										
1933											
	from which,										
	A juniper, 12 ins. diam., bears N.17°E., 38 lks. dist. marked T 13 S R 19 E S 34 B T										
40.00	The $\frac{1}{4}$ sec. cor. on N. bdy. of sec. 4.										
57.65	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with a stone 8x6x4 ins. marked X, deposited at the base, for $\frac{1}{4}$ sec. cor. of sec. 33 only, with brass cap marked										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>$\frac{1}{4}$ S 33</td></tr> <tr><td style="text-align: center;">1933</td></tr> </table>	$\frac{1}{4}$ S 33	1933								
$\frac{1}{4}$ S 33											
1933											
	raise a mound of stone,										
	2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.										
80.00	The cor. of secs. 4 and 5.										
S.89°46'W., on N. bdy. of sec. 5.											
17.65	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top, for cor. of secs. 32 and 33, with brass cap marked										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S</td><td>R19E</td></tr> <tr><td>S 32</td><td>S 33</td></tr> <tr><td colspan="2" style="text-align: center;">S 5</td></tr> <tr><td>T14S</td><td>R19E</td></tr> <tr><td colspan="2" style="text-align: center;">1933</td></tr> </table>	T13S	R19E	S 32	S 33	S 5		T14S	R19E	1933	
T13S	R19E										
S 32	S 33										
S 5											
T14S	R19E										
1933											
40.00	The $\frac{1}{4}$ sec. cor. on N. bdy. of sec. 5.										
57.65	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground, with a granite stone 6x6x4 ins. marked X, deposited at the base for $\frac{1}{4}$ sec. cor. of sec. 32 only, with brass cap marked										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>$\frac{1}{4}$ S 32</td></tr> <tr><td style="text-align: center;">1933</td></tr> </table>	$\frac{1}{4}$ S 32	1933								
$\frac{1}{4}$ S 32											
1933											
	No suitable accessory.										
80.00	The cor. of secs. 5 and 6.										
S.89°46'W., on N. bdy. of sec. 6.											
17.65	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the										

Resurvey of the North Bdy. of T.14 S., R.19 E.

Chains

ground to bed rock, in mound of stone to top, for cor. of secs. 31 and 32, with brass cap marked

T13S R19E
S 31 S 32

S 6

T14S R19E
1933

from which

A juniper, 16 ins. diam., bears N. $51\frac{3}{4}^{\circ}$ E., 32 lks. dist. marked T 13 S R 19 E S 32 B TA juniper, 12 ins. diam., bears N. 54° W., 21 lks. dist. marked T 13 S R 19 E S 31 B T40.00 The $\frac{1}{4}$ sec. cor. on N. bdy. of sec. 6.57.65 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap marked $\frac{1}{4}$ S 31

1933

from which

A juniper, 10 ins. diam., bears N. $15\frac{1}{2}^{\circ}$ E., 80 lks. dist. marked $\frac{1}{4}$ S 31 B TA juniper, 12 ins. diam., bears N. $52\frac{1}{4}^{\circ}$ W., 135 lks. dist. marked $\frac{1}{4}$ S 31 B T

79.83 The cor. of Ts. 14 S., Rs. 18 and 19 E.

Resurvey of a Portion of the South Bdy. of
T.12 S., R.19 E.

The south bdy. of T.12 S., R.19 E. was surveyed by J.L. Harris, U.S.D.S. in 1879. There is no retracement or resurvey of record.

The $\frac{1}{4}$ sec. cor. of secs. 4 and 33 is a badly decayed stake in a mound of stone. In place of and with the old stake alongside,

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

S 33

 $\frac{1}{4}$

S 4

1933

from which,

the original bearing tree, a dead mesquite, 6 ins. diam. bears S. $69\frac{1}{2}^{\circ}$ W., 38 lks. dist. marked $\frac{1}{4}$ S B T

No new bearing trees available.

Thence

West, on a random line bet. secs. 4 and 33, 5 and 32.

40.00 Set temp. cor. of secs. 4, 5, 32 and 33, as no evidence of the original cor. could be found.

80.03 Fall 44 lks. N. of the $\frac{1}{4}$ sec. cor. of secs. 5 and 32.From $\frac{1}{4}$ sec. cor.

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

Resurvey of a Portion of the South Bdy. of
T.12 S., R.19 E.

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Chains
38.78

Fall 24 lks. S. of the cor. of secs. 5, 6, 31 and 32.

I return to the temp. cor. of secs. 4, 5, 32 and 33, and measure 22 lks. S. and 1 lk. W. therefrom to a point which is proportional distance bet. the $\frac{1}{4}$ sec. cor. of secs. 4 and 33 and the $\frac{1}{4}$ sec. cor. of secs. 5 and 32.

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 marked

T12S	R19E
S 32	S 33
S 5	S 4
T13S	R19E
1933	

from which

A mesquite, 10 ins. diam., bears N.61°E., 182 lks. dist. marked T 12 S R 19 E S 33 B T

A mesquite, 6 ins. diam., bears S.8°E., 145 lks. dist. marked T 13 S R 19 E S 4 B T

A mesquite, 9 ins. diam., bears S.42 $\frac{3}{4}$ °W., 154 lks. dist. marked T 13 S R 19 E S 5 B T

A mesquite, 12 ins. diam., bears N.68 $\frac{1}{4}$ °W., 66 lks. dist. marked T 13 S R 19 E S 32 B T

Thence

S.89°41'W., on a true line bet. secs. 5 and 32.

Over bottom land, through dense mesquite.

2.75 Ditch, 4 ft. wide; bears N. and S.

6.10 Desc. over 7 ft. bank to bed of San Pedro River.

10.00 Main channel of river with small stream, course N.60°W.

20.00 Asc. over 8 ft. cut bank, bears SE. and N.

40.02 The $\frac{1}{4}$ sec. cor. of secs. 5 and 32, which is a mesquite stake lying on mound of stone. At point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs. 5 and 32, with brass cap marked

S 32
$\frac{1}{4}$ ----
S 5
1933

from which

The original bearing tree, a dead mesquite limb, 7 ins. diam., bears N.71 $\frac{1}{4}$ °E., 54 lks. dist. marked $\frac{1}{4}$ S B T

New bearing trees,

A mesquite, 5 ins. diam., bears N.51 $\frac{1}{4}$ °E., 122 lks. dist. marked $\frac{1}{4}$ S 32 B T

A mesquite, 4 ins. diam., bears S.9 $\frac{3}{4}$ °E., 164 lks. dist. marked $\frac{1}{4}$ S 5 B T

Thence

N.89°39'W., on a true line bet. secs. 5 and 32.

Asc. 19 ft. over gradual NE. slope.

Resurvey of a Portion of the South Bdy. of
T.12 S., R.19 E.

Chains

- 3.30 Low spur, slopes N.20°E. Desc. 11 ft.
4.10 Enter washed land, drains NE.
10.60 Foot of hill, bears SE. and NW. Asc. 240 ft. over E. slope.
20.35 Fence, bears NE. and SW.
27.30 Spur, slopes N. Desc. 100 ft. over NW. slope.
33.10 Ravine, course N.30°W.
35.10 Ravine, course N. Asc. 40 ft. over E. slope.
36.70 Small spur, slopes N. Desc. 80 ft. over steep W. slope.
38.70 Gulch, course N.
38.78 The cor. of secs. 5, 6, 31 and 32, which is a mesquite post, 4 ins. sq., 3 ft. long, with scribe marks partly legible, set in a mound of stone. At point for cor.,

Mark a X on surface rock and over same set an iron post, 3 ft. long, 2 ins. diam., supported in a mound of stone, 5 ft. base, 2½ ft. high for cor. of secs. 5, 6, 31, and 32, with brass cap marked

T12S	R19E
S 31	S 32
S 6	S 5
T13S	R19E
1933	

Land, bottom land, wash land, and rolling hills.
Soil, sand and clay loam on bottom, 1st. rate, balance, sandy and rocky, 2nd. and 3rd. rates.
Timber, mesquite and palo verde.
Undergrowth, ocotillo, cactus and catclaw.

- West, on a random line bet. secs. 6 and 31.
39.14 Fall 6 lks. S. of the old ¼ sec. cor. of secs. 6 and 31.
From the ¼ sec. cor.,
West, on a random line bet. secs. 6 and 31.
39.60 Fall 32 lks. S. of the cor. of Ts. 12 and 13 S., Rs. 18 and 19 E.
I return to the cor. of secs. 5, 6, 31 and 32,
Thence
N.89°55'W., on a true line bet. secs. 6 and 31.
Over rolling hills, through desert growth.
2.10 Ravine, course N., joins gulch just N. of line. Asc. 150 ft. over E. slope.
7.50 Spur, slopes N.20°E. Desc. 74 ft. over NW. slope.
15.80 Ravine, course N.60°E. Asc. 100 ft. over E. slope.
19.50 Spur, slopes N.30°E. Desc. 40 ft. over NW. slope.

Resurvey of a Portion of the South Bdy. of
T.12 S.,R.19 E.

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Chains	
22.00	Head of ravine, course NE. Asc. 37 ft. over NE. slope.
26.00	Ridge, bears S.20°E. and N.20°W. Desc. 110 ft. over W. slope.
32.00	Gulch, 30 lks. wide, course N. Asc. 60 ft. over NE. slope.
36.90	Spur, slopes N.30°W. Desc. 30 ft. over SW. slope.
39.14	The old $\frac{1}{4}$ sec. cor. of secs. 6 and 31, which is a mesquite post, 4 ins. sqr., 2 $\frac{1}{2}$ ft. long, marked $\frac{1}{4}$ S on N. side and set in a mound of stone. In place of and with the old post alongside, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 31 only, with brass cap marked $\frac{1}{4}$ S 31 <hr/> 1933 raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor. Thence N.89°32'W., on a true line bet. secs. 6 and 31. Over rolling land. Desc. 46 ft. over SW. slope. .86 (40.00 chs. from the NE. cor. of sec. 6) Set an iron post, 3 ft. long, 1 in. diam., 29 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked $\frac{1}{4}$ S 6 <hr/> 1933 raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high S. of cor.
2.80	Gulch, 20 lks. wide, course N.20°W. Asc. 25 ft. over NE. slope.
4.60	Point of spur, slopes N. Desc. 20 ft. over NW. slope.
5.20	Wash, 20 lks. wide, course N.10°E. Asc. 50 ft. over E. slope.
8.40	Spur, slopes N. Desc. 140 ft. over a series of small spurs and ravines, course NW.
16.00	Wash, 10 lks. wide, course N.20°W.
30.10	Fence, bears SE. and NW.
30.10	Fence, bears SE. and NW.
30.20	Flat wash, 30 lks. wide, course NW.
39.60	The cor. of Ts. 12 and 13 S.,Rs. 18 and 19 E., which is an iron post, 3 ins. diam., 10 ins. above ground, marked and witnessed as described in the official record. Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, none. Undergrowth, palo verde, mesquite, ocotillo, cactus, and yucca.

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

Chains	Reestablishment of surveys executed by J.L.Harris, U.S.D.S. in 1879.								

	From the point for cor. of secs. 15, 16, 21, and 22, South, on a random line bet. secs. 21 and 22.								
39.63	Fall 1 lk. W. of the $\frac{1}{4}$ sec. cor. From $\frac{1}{4}$ sec. cor., South, on a random line bet. secs. 21 and 22.								
40.00	Find no trace of the cor. of secs. 21, 22, 27 and 28. Set temp. cor. Thence East, on a random line bet. secs. 22 and 27.								
38.97	Fall 7 lks. S. of the $\frac{1}{4}$ sec. cor. From $\frac{1}{4}$ sec. cor. East, on a random line bet. secs. 22 and 27, 23 and 26.								
40.00	Find no trace of the cor. of secs. 22, 23, 26, and 27. Set temp. cor.								
80.00	Find no trace of the $\frac{1}{4}$ sec. cor. of secs. 23 and 26. Set temp. cor.								
119.49	Fall 55 lks. S. of the cor. of secs. 23, 24, 25, and 26. From the temp. cor. of secs. 22, 23, 26, and 27, South, on a random line bet. secs. 26 and 27.								
39.82	Fall 7 lks. E. of the $\frac{1}{4}$ sec. cor. From the temp. cor. of secs. 22, 23, 26, and 27, North, on a random line bet. secs. 22 and 23.								
40.00	Find no trace of the $\frac{1}{4}$ sec. cor. Point falls in wash of San Pedro River.								
79.71	Fall 1.03 chs. W. of the cor. of secs. 14, 15, 22, and 23, which is a mesquite post, 4 ins. sqr., 2 $\frac{1}{2}$ ft. long, set in a mound of stone. No marks legible. In place of and with the old stake alongside, Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top, for cor. of secs. 14, 15, 22, and 23, with brass cap marked								
	<table border="1"> <tr> <td>T13S</td> <td>R19E</td> </tr> <tr> <td>S 15</td> <td>S 14</td> </tr> <tr> <td>S 22</td> <td>S 23</td> </tr> <tr> <td colspan="2">1933</td> </tr> </table>	T13S	R19E	S 15	S 14	S 22	S 23	1933	
T13S	R19E								
S 15	S 14								
S 22	S 23								
1933									
	Cor. stands under fence, bearing N. and S.								

	At the point for cor. of secs. 15, 16, 21, and 22, determined from the original bearing trees, Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for cor., with brass cap marked								

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

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Chains

T13S	R19E
S 16	S 15
S 21	S 22
1933	

from which,

The original bearing trees:

A dead mesquite, 18 ins. diam., bears N.38°E., 64 lks. marks on old blaze eradicated by decay.

A mesquite, 10 ins. diam., bears S.35°E., 78 lks. dist. marked TX111S RX1XE SXX

New bearing trees:

A mesquite, 10 ins. diam., bears N.0°15'E., 215 lks. dist., marked T13 S R 19 E S 15 B T

A mesquite, 3 ins. diam., bears S.58°E., 159 lks. dist. marked B T

A catclaw, 8 ins. diam., bears S.3°W., 78 lks. dist. marked T 13 S R 19 E S 21 B T

A catclaw, 5 ins. diam., bears N.38 $\frac{1}{4}$ °W., 117 lks. dist. marked T 13 S R 19 E S 16 B T

Thence

S.0°01'E., on a true line bet. secs. 21 and 22.

Over wash land.

- .53 Fence, bears W. and E. 25 lks. to cor. then N.
- 1.20 Leave wash land and asc. 45 ft. over gradual N. slope.
- 2.20 Dim road, bears E. and W.
- 7.50 Foot of hill, bears E. and W. Asc. 100 ft. over steep N. slope.
- 10.50 Point of spur, slopes NE. Desc. 18 ft. over SE. slope.
- 12.40 Ravine, course NE. Asc. 90 ft. over N. slope.
- 17.40 Spur, slopes N.70°E. Desc. 40 ft. over SE. slope.
- 20.10 Ravine, course N.70°E. Asc. 90 ft. over broken land, draining NE.
- 32.00 Wash, 60 lks. wide, course NE.
- 36.70 Spur, slopes NE. Desc. 30 ft. over SE. slope.
- 39.53 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for witness $\frac{1}{4}$ sec. cor. with brass cap marked

S 21	S 22
W C	
1933	

from which,

A mesquite, 5 ins. diam., bears S.46 $\frac{3}{4}$ °E., 340 lks. dist. marked WC $\frac{1}{4}$ S 22 BT.

- 39.63 The old $\frac{1}{4}$ sec. cor. of secs. 21 and 22, which is a mesquite stake, 4 ins. diam., 2 $\frac{3}{8}$ ft. above ground, marked $\frac{1}{4}$ S. This cor. stands on cut bank, a place unsuitable for permanent position of cor.

Resurvey of a Portion of the Subdivisions of
T:13 S., R.19 E.

Chains	Thence										
	S.1°29'W., on a true line bet. secs. 21 and 22.										
	Continue over rolling hills.										
.10	Small wash, course N.70°E. Asc. 30 ft. over NE. slope.										
3.80	Point of small spur, slopes NE. Desc. 25 ft.										
5.00	Wash, 1 ch. wide, course NE. Asc. 120 ft. over NW. slope.										
13.10	Small spur, slopes N.30°E. Along E. slope.										
20.80	Spur, N.70°E. Desc. 46 ft.										
23.90	Ravine, course N.60°E. Asc. 87 ft. over N. slope.										
27.90	Spur, slopes NE. Desc. 34 ft.										
32.50	Head of small wash, course NE. Asc. 35 ft.										
38.40	Ravine, course NE. Asc.										
40.01	A point which is record distance in latitude from the $\frac{1}{4}$ sec. cor. of secs. 21 and 22, and record distance in departure from the $\frac{1}{4}$ sec. cor. of secs. 22 and 27.										
	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 21, 22, 27, and 28, with brass cap marked										
	<table border="1"> <tr> <td colspan="2">T13S R19E</td> </tr> <tr> <td>S 21</td> <td>S 22</td> </tr> <tr> <td colspan="2" style="text-align: center;">-----</td> </tr> <tr> <td>S 28</td> <td>S 27</td> </tr> <tr> <td colspan="2" style="text-align: center;">1933</td> </tr> </table>	T13S R19E		S 21	S 22	-----		S 28	S 27	1933	
T13S R19E											
S 21	S 22										

S 28	S 27										
1933											
	raise a mound of stone,										
	3 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.										
	Land, rolling hills.										
	Soil, gravelly, 2nd. and 3rd. rate.										
	Undergrowth, mesquite, ocotillo, palo verde, cactus, and spanish dagger.										
	No timber.										
	N.89°54'E., on a true line bet. secs. 22 and 27.										
	Over rolling hills, through desert growth.										
	Asc. 30 ft. over NW. slope.										
3.60	Spur, slopes N.20°E. Desc. 100 ft. over E. slope.										
7.40	Wash, 20 lks. wide, course N.30°E. Asc. 40 ft.										
11.50	Point of spur, slopes N.20°E. Desc. 43 ft.										
13.80	Wash, 30 lks. wide, course N. Asc. 43 ft.										
15.70	Spur, slopes N.10°E. Desc. 56 ft. over E. slope.										
18.10	Ravine, course N.20°E. Asc. 56 ft.										
21.60	Spur, slopes N.20°E. Desc. 114 ft. over broken NE. slope.										
27.50	Small spur, slopes NE.										
30.90	Ravine, course NE. Asc. 56 ft. over W. slope.										

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

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Chains	
33.20	Point of spur, slopes N. Desc. 110 ft. over NE. slope.
35.00	Change to SE. slope.
40.00	The $\frac{1}{4}$ sec. cor. of secs. 22 and 27, which is a mesquite stake, 4 ins. in diam., 30 ins. above ground, and in mound of stone, marked $\frac{1}{4}$ S. In place of and with the old stake alongside, Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked <div style="text-align: center;"> <p>S 22 ----- S 27 1933</p> </div> <p style="text-align: right;">raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Cor. stands at cor. of fences, bearing N.20°E. and S. 70°E.</p> <p>Thence N.89°58'E., on a true line bet. secs. 22 and 27. Continue over rolling land.</p> <p>2.00 Wash, 20 lks. wide, course SE.</p> <p>2.80 Desc. 86 ft. over SE. slope.</p> <p>9.00 Same wash, 60 lks. wide, course SE. from SW.</p> <p>12.30 Same wash, course NE. Asc. 23 ft. over NW. slope.</p> <p>14.30 Point of spur, slopes NE. Desc. 150 ft. over E. slope.</p> <p>34.00 Enter valley, bears N. and S. Fence, bears N. and S. Through dense mesquite.</p> <p>39.50 Pettit's house, bears N. about 7 chs. dist.</p> <p>39.83 A point determined by proportional measurement, for latitude bet. the $\frac{1}{4}$ sec. cor. of secs. 26 and 27 and the cor. of secs. 14, 15, 22, and 23 and for departure bet. the $\frac{1}{4}$ sec. cor. of secs. 22 and 27 and the cor. of secs. 23, 24, 25, and 26. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for the cor. of secs. 22, 23, 26, and 27, with brass cap marked <div style="text-align: center;"> <p>T13S R19E S 22 S 23 ----- S 27 S 26 1933</p> </div> <p style="text-align: right;">from which,</p> <p>A mesquite, 6 ins. diam., bears N.44$\frac{1}{4}$°E., 63 lks. dist. marked T 13 S R 19 E S 23 B T</p> <p>A mesquite, 7 ins. diam., bears S.11$\frac{3}{4}$°E., 59 lks. dist. marked T 13 S R 19 E S 26 B T</p> <p>A mesquite, 8 ins. diam., bears S.50$\frac{1}{2}$°W., 83 lks. dist. marked T 13 S R 19 E S 27 B T</p> <p>A mesquite, 8 ins. diam., bears N.25$\frac{1}{2}$°W., 45 lks. dist. marked T 13 S R 19 E S 22 B T</p> </p>

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

Chains	Land, rolling hills and valley. Soil, gravel, 2nd. rate. Timber, mesquite and catclaw. Undergrowth, cactus, ocotillo, spanish dagger and palo verde.								
	N.89°37'E., on a true line bet. secs. 23 and 26. Over valley land.								
3.54	Fence, bears N. and S.								
4.27	Dim road, bears N. and S.								
10.00	Desc. over 10 ft. bank into wash of Turkey Creek.								
11.20	Main channel of wash, course N.								
18.80	E. bank of wash, 7 ft. high, bears N.20°E. and S.20°W.								
20.20	Leave valley and asc. 105 ft. over W. slope.								
23.80	Spur, slopes N. Desc. 70 ft. over NW. slope.								
27.90	Wash, 20 lks. wide, course N. Asc. 115 ft. over SW. slope.								
39.83	At the mid-point, Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap marked <table style="margin-left: auto; margin-right: auto;"> <tr><td></td><td>S 23</td></tr> <tr><td>$\frac{1}{4}$</td><td>----</td></tr> <tr><td></td><td>S 26</td></tr> <tr><td></td><td>1933</td></tr> </table>		S 23	$\frac{1}{4}$	----		S 26		1933
	S 23								
$\frac{1}{4}$	----								
	S 26								
	1933								
41.00	Spur, slopes N.70°W. Along N. slope.								
49.20	Spur, slopes NW. Desc. 180 ft. over NE. slope.								
60.90	San Pedro River, 1 ch. wide, course N.60°W.								
65.50	E. bank of river bed, 23 ft. high, bears SE. and NW. Over level land.								
73.80	Enter cultivated field.								
79.66	The cor. of secs. 23, 24, 25, and 26, which is a badly decayed mesquite stake, the top with scribe marks visible is broken off and lying on top of ground. At point for cor., Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 23, 24, 25, and 26, with brass cap marked <table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S R19E</td><td></td></tr> <tr><td>S 23 S 24</td><td></td></tr> <tr><td>S 26 S 25</td><td></td></tr> <tr><td>.1933</td><td></td></tr> </table> <p style="text-align: right;">from which,</p> <p>A mesquite, 9 ins. diam., bears N.58°E., 243 lks. dist. marked. T 13 S R 19 E S.24 B T</p> <p>A mesquite, 5 ins. diam., bears S.30$\frac{1}{2}$°E., 272 lks. dist. marked. T 13 S R 19 E S.25 B T</p>	T13S R19E		S 23 S 24		S 26 S 25		.1933	
T13S R19E									
S 23 S 24									
S 26 S 25									
.1933									

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

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Chains	<p>A mesquite, 8 ins. diam., bears N. $57\frac{1}{4}^{\circ}$ W., 272 lks. dist. marked T 13 S R 19 E S 23 B T</p> <p>Cor. is under fence, bearing E. and W.</p> <p>Land, rolling hills and level valley. Soil, sandy loam in valley, 1st. rate, balance, 2nd. rate. Timber, mesquite and catclaw. Undergrowth, ocotillo and cactus.</p>
39.99	<p>East, on a random line bet. secs. 24 and 25.</p> <p>Fall 5 lks. N. of the $\frac{1}{4}$ sec. cor.</p> <p>From the $\frac{1}{4}$ sec. cor.</p>
39.19	<p>East, on a random line bet. secs. 24 and 25.</p> <p>Fall 32 lks. S. of the cor. of secs. 24 and 25 on E. bdy. of T.</p> <p>I return to the cor. of secs. 23, 24, 25, and 26,</p> <p>Thence</p> <p>S. $89^{\circ}56'E.$, on a true line bet. secs. 24 and 25.</p> <p>Over valley land, asc. gradual W. slope.</p>
5.72	Fence, bears N. and S.
11.50	Well and tank on line.
22.60	House on line.
19.30	Road, bears N. 30° W. to Cascabel and S. 30° E. to Benson.
22.30	Enter wash land.
26.40	Leave wash land, asc. 80 ft. over NW. slope.
33.00	Slope changes to SW.
38.00	Desc. 25 ft. over SE. slope.
39.99	<p>The $\frac{1}{4}$ sec. cor. of secs. 24 and 25, which is a mesquite stake, 4 ins. diam., 3 ft. long, marked $\frac{1}{4}$ S and lying on mound of stone. At point for cor.,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked</p>
	<p style="text-align: center;">S 24 $\frac{1}{4}$ ---- S 25 1933</p> <p style="text-align: right;">raise a mound of stone, 3 ft. base, 2 ft. high N. of cor.</p>
	<p>Thence</p> <p>N. $89^{\circ}32'E.$, on a true line bet. secs. 24 and 25.</p> <p>Over rolling land.</p>
.30	Small wash, course S. Asc. 30 ft. over broken SW. slope.
3.00	Small wash, course SW.
6.10	Small spur, slopes SW. Desc. 30 ft. over SE. slope.

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

Chains											
10.00	Enter flat wash, course S. from NE.										
17.40	Leave wash and asc. 70 ft. over W. slope.										
23.60	Asc. 70 ft. over NW. slope.										
39.19	The cor. of secs. 24 and 25, on E. bdy. of T., which is an iron post, 2 ins. diam., 10 ins. above ground, marked and witnessed as described in the official record.										
	Land, level valley and rolling hills. Soil, sandy loam, 1st. and 2nd. rates. Timber, mesquite and catclaw. Undergrowth, greasewood, palo verde, and ocotillo.										
	From the cor. of secs. 15, 16, 21, and 22, West, on a random line bet. secs. 16 and 21.										
40.00	Find no trace of the $\frac{1}{4}$ sec. cor. Set temp. cor.										
80.00	Find no trace of the cor. of secs. 16, 17, 20, and 21. Set temp. cor.										
	Thence										
	North, on a random line bet. secs. 16 and 17, 8 and 9, making diligent search for the original corners at record distances, and setting temp. cors.										
158.87	Fall 62 lks. E. of the cor. of secs. 4, 5, 8, and 9.										
	----- The cor. of secs. 9, 10, 15, and 16, is a mesquite stake 4 ins. sqr., marked RXLXE on one side and some scribe marks on two other sides, lying alongside old mound of stone. At point for cor.,										
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 9, 10, 15, and 16, with brass cap marked										
	<table border="0"> <tr> <td>T13S</td> <td>R19E</td> </tr> <tr> <td>S 9</td> <td>S 10</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S 16</td> <td>S 15</td> </tr> <tr> <td colspan="2" style="text-align: center;">1933</td> </tr> </table>	T13S	R19E	S 9	S 10			S 16	S 15	1933	
T13S	R19E										
S 9	S 10										
S 16	S 15										
1933											
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.										
	From cor., fences run E. and S.										
	Thence										
	West, on a random line bet. secs. 9 and 16.										
40.00	Find no evidence of the $\frac{1}{4}$ sec. cor.										
79.55	Fall 141 lks. S. of the temp. cor. of secs. 8, 9, 16, and 17.										
	----- From the cor. of secs. 15, 16, 21, and 22, S.89°11'W., on a true line bet. secs. 16 and 21. Over wash land.										
2.70	Fence, bears N.70°W. and S.70°E.										

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

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Chains											
12.00	Dim road, bears SE. and NW.										
12.40	Leave wash land, bears SE. and NW. Asc. 66 ft. over NE. slope.										
14.90	Point of spur, slopes N. Desc. 34 ft. over NW. slope.										
17.30	Foot of slope, bears NE. and SW. Over wash land.										
18.90	Road, bears SE. and NW.										
40.00	Mid-point, Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked <div style="text-align: center;"> <table style="margin-left: auto; margin-right: auto;"> <tr><td></td><td>S 16</td></tr> <tr><td>$\frac{1}{4}$</td><td>-----</td></tr> <tr><td></td><td>S 21</td></tr> <tr><td></td><td>1933</td></tr> </table> </div> <p style="text-align: right;">from which,</p> <p>A mesquite, 8 ins. diam., bears N. $9\frac{1}{2}^{\circ}$E., 134 lks. dist. marked $\frac{1}{4}$ S 16 B T</p> <p>A mesquite, 6 ins. diam., bears S. $32\frac{3}{4}^{\circ}$E., 62 lks. dist. marked $\frac{1}{4}$ S 21 B T</p>		S 16	$\frac{1}{4}$	-----		S 21		1933		
	S 16										
$\frac{1}{4}$	-----										
	S 21										
	1933										
41.96	Fence, bears NE. and SW.										
43.00	Foot of slope, bears NE. and SW. Asc. 87 ft.										
47.70	Small spur, slopes S. 20° E. Desc. 40 ft. over SW. slope.										
49.90	Small wash, course S. 20° E. Asc. 37 ft. over SE. slope.										
51.50	Point of spur, slopes SE. Desc. 17 ft. over SW. slope.										
55.50	Enter flat wash, course S. 60° E.										
60.30	Leave wash and asc. 175 ft. over NE. slope.										
76.70	Fence, bears N. and S.										
80.01	A point which is record distance in departure from the cor. of secs. 15, 16, 21, and 22, and record distance in latitude from the cor. of secs. 4, 5, 9, and 9. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 16 and 21 only, with brass cap marked <div style="text-align: center;"> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S</td><td>R19E</td></tr> <tr><td></td><td>S 16</td></tr> <tr><td>S 20</td><td>-----</td></tr> <tr><td></td><td>S 21</td></tr> <tr><td></td><td>1933</td></tr> </table> </div> <p style="text-align: right;">raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.</p> <p>Land, wash land and rolling hills. Soil, rock and gravel, 2nd. and 3rd. rates. Timber, mesquite and catclaw. Undergrowth, cactus, yucca, and spanish dagger.</p>	T13S	R19E		S 16	S 20	-----		S 21		1933
T13S	R19E										
	S 16										
S 20	-----										
	S 21										
	1933										
	N. $0^{\circ}15'$ W., on a true line on W. bdy. of sec. 16. Over rolling hills, through desert undergrowth.										
1.42	80.00 chs. N. of the SE. cor. of sec. 20,										

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

Chains	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 17 and 20 only, with brass cap marked
	$\begin{array}{r} T13S R19E \\ S 17 \\ \hline S 20 \end{array} \left \begin{array}{l} \\ \\ S 16 \end{array} \right.$
	1933
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
3.33	Small spur, slopes NE. Desc. 100 ft. over NW. slope.
8.30	Wash, 30 lks. wide, course N.80°E. Asc. 74 ft. over SE. slope.
11.20	Point of spur, slopes E. Desc. 70 ft. over NE. slope.
13.23	Fence, bears N.20°W. and S.20°E.
14.23	Wash, 30 lks. wide, course E. 2 chs. then SE. Asc. 165 ft. over E. slope.
22.40	Ridge, bears E. and W. Along W. slope.
25.00	Desc. 80 ft. over NW. slope.
29.30	Ravine, course NE. Asc. 34 ft. over SE. slope.
33.40	Point of spur, slopes NE. Desc. 64 ft. over N. slope.
36.20	Ravine, course N.80°E. Asc. 35 ft. over SE. slope.
38.00	Point of spur, slopes E. Desc. 20 ft. to wash.
40.00	Mid-point,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 16 only, with brass cap marked
	$\begin{array}{r} \frac{1}{4} \\ \\ S 16 \end{array}$
	1933
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.
40.70	Wash, 40 lks. wide, course S.60°E.
41.42	40.00 chs. from the SE. cor. of sec. 17,
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 17 only, with brass cap marked
	$\begin{array}{r} \frac{1}{4} \\ \\ S 17 \end{array}$
	1933
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
	Asc. 134 ft. over SW. slope.
48.50	Ridge, bears E. and W. Desc. 150 ft. over N. slope.
55.60	Wash, 20 lks. wide, course N.70°E. Asc. 56 ft. over SE. slope.
60.00	Small spur, slopes E. Desc. 60 ft. over NE. slope.
63.35	Wash, course NE.
63.90	Wash, course SE.

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

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Chains	Asc. 60 ft. over S. slope.								
67.00	Slope changes to SW. Asc. 70 ft. to								
71.80	Spur, slopes SE. Desc. 66 ft. over NE. slope.								
74.40	Head of ravine, course E. Asc. 66 ft.								
76.50	Point of spur, slopes S.70°E. Desc. 45 ft. over NE. slope.								
79.20	Ravine, course SE. Asc. S. slope.								
80.00	A point which is record distance in departure from the cor. of secs. 9, 10, 15, and 16, and record distance in latitude from the cor. of secs. 4, 5, 8, and 9.								
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 8, 9, 16, and 17, with brass cap marked								
	<table border="1"> <tr> <td>T13S R19E</td> <td></td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> <tr> <td>S 17</td> <td>S 16</td> </tr> <tr> <td colspan="2" style="text-align: center;">1933</td> </tr> </table>	T13S R19E		S 8	S 9	S 17	S 16	1933	
T13S R19E									
S 8	S 9								
S 17	S 16								
1933									
	raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor.								
	Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite and catclaw. Undergrowth, yucca, cactus, greasewood, ocotilla, and palo verde.								
	N.0°11'W., on a true line bet. secs. 8 and 9.								
	Over rolling hills. Asc. 44 ft. over S. slope.								
2.30	Spur, slopes S.70°E. Desc. 90 ft. over NE. slope.								
7.50	Ravine, near head, course S.70°E. Asc. 85 ft. over S. slope.								
11.30	Ridge, bears SW. and E. Desc. 250 ft. over NW. slope. Fence, bears NE. and SW.								
26.50	Wash, 30 lks. wide, course N.70°E. Asc. 46 ft. over S. slope.								
27.50	Point of spur slopes NE. Desc. 30 ft.								
28.60	Small ravine, course N.70°E.								
31.60	Small ravine, course SE. Asc. 170 ft. over S. slope.								
40.00	Mid-point,								
	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor. of secs. 8 and 9, with brass cap marked								
	<table border="1"> <tr> <td>¼</td> <td></td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> <tr> <td colspan="2" style="text-align: center;">1933</td> </tr> </table>	¼		S 8	S 9	1933			
¼									
S 8	S 9								
1933									
	raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor.								
40.50	Ridge, bears E. and W. Desc. 80 ft. over NW. slope.								
49.00	Desc. 210 ft. over N. slope.								
56.00	Gulch, 30 lks. wide, course N.70°E., Asc. 195 ft. over								

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

Chains	steep SE. slope.								
65.20	Spur, slopes NE. Desc. 245 ft. over NW. slope.								
78.60	Enter sandy wash, course N.70°E.								
80.00	The cor. of secs. 4, 5, 8, and 9, which is a mesquite stake, 4 ins. sqr., 2 $\frac{1}{2}$ ft. long, lying on an old mound of stone. No marks legible. At point for cor., Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 4, 5, 8, and 9, with brass cap marked <div style="text-align: center;"> <table border="1"> <tr><td>T13S</td><td>R19E</td></tr> <tr><td>S 5</td><td>S 4</td></tr> <tr><td>S 8</td><td>S 9</td></tr> <tr><td colspan="2">1933</td></tr> </table> </div> <p style="text-align: right;">from which,</p> <p>A catclaw, 6 ins. diam., bears N.63°E., 70 lks. dist. marked T 13 S R 19 E S 4 B T</p> <p>A catclaw, 5 ins. diam., bears S.21$\frac{1}{2}$°E., 67 lks. dist. marked T 13 S R 19 E S 9 B T</p> <p>A juniper, 8 ins. diam., bears S.8$\frac{1}{4}$°W., 85 lks. dist. marked T 13 S R 19 E S 8 B T</p> <p>A juniper, 12 ins. diam., bears N.82$\frac{1}{2}$°W., 117 lks. dist. marked T 13 S R 19 E S 5 B T</p> <p>Land, rolling hills. Soil, gravelly and rocky, 2nd. and 3rd. rates. Timber, catclaw and mesquite. Undergrowth, greasewood, palo verde, cactus and yucca.</p>	T13S	R19E	S 5	S 4	S 8	S 9	1933	
T13S	R19E								
S 5	S 4								
S 8	S 9								
1933									
	North, on a random line bet. secs. 4 and 5.								
40.00	Find no trace of the $\frac{1}{4}$ sec. cor. Set temp. cor.								
79.63	Fall 23 lks. E. of the cor. of secs. 4, 5, 32, and 33 on N. bdy. of Tp. I return to the cor. of secs. 4, 5, 8, and 9, Thence N.0°10'W., on a true line bet. secs. 4 and 5. Over wash.								
4.10	Leave wash and asc. 40 ft. over SE. slope.								
7.50	Small spur, slopes E.								
8.80	Wash, 10 lks. wide, course E.								
10.60	Spur, slopes E. Desc. 140 ft. over broken NE. slope.								
20.20	Enter wash land, bears NE. and SW.								
34.00	Enter valley, bears SE. and NW.								
34.60	A well, bears W. about 40 lks. dist. Enter dense mesquite.								
39.86	Proportional distance, Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked								

Resurvey of a Portion of the Subdivisions of
T.13 S., R.19 E.

BOOK 3907

Chains

 $\frac{1}{4}$

S 5 | S 4

1933

from which,
A mesquite, 5 ins. diam., bears S. $78\frac{1}{2}^{\circ}$ E., 48 lks. dist.
marked $\frac{1}{4}$ S 4 B T

A mesquite, 5 ins. diam., bears S. $51\frac{1}{2}^{\circ}$ W., 18 lks. dist.
marked $\frac{1}{4}$ S 5 B T

- 42.00 An adobe house, bears E. about $2\frac{1}{2}$ chs.
46.40 S. bank of San Pedro River, 30 ft. high, bears SE. & NW.
47.60 Main channel, with stream, 60 lks. wide, course NW.
63.70 Lower N. bank of river, bears SE. and NW.
73.50 Upper bank, 7 ft. high, bears SE. and NW. Over bottom
land, through dense mesquite.
75.00 Ditch, 4 ft. wide, $2\frac{1}{2}$ ft. deep, bears SE. and NW.
79.63 The cor. of secs. 4, 5, 32, and 33.

Land, rolling hills, wash land, and bottom land.
Soil, sandy loam, 1st. rate, and gravelly, 2nd. rate.
Timber, mesquite and catclaw.
Undergrowth, cactus.

Resurvey and Survey of a Portion of the Subdivision
of T.13 S., R.19 E.

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

S. $0^{\circ}09'$ E., on a true line bet. secs. 26 and 27.

Over level valley, through dense mesquite.

- 26.15 Leave valley and asc. 76 ft. over N. slope.
28.53 Fences, bear E. and NW.
29.15 Small spur, slopes E. Desc. 40 ft. over SE. slope.
31.70 Foot of hill, thence along gradual E. slope.
37.70 Dim road, bears NE. and SW.
39.84 The point for $\frac{1}{4}$ sec. cor. determined from the original
bearing trees.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the
ground for $\frac{1}{4}$ sec. cor. with brass cap marked

 $\frac{1}{4}$

S 27 | S 26

1933

from which,

Old bearing trees:

A mesquite, 8 ins. diam., bears N. 22° E., 40 lks. dist.
marked $\frac{1}{4}$ S B T

A dead mesquite, 7 ins. diam., bears S. $63\frac{1}{2}^{\circ}$ E., 29 lks.
dist., marked $\frac{1}{4}$ S B T

Resurvey and Survey of a Portion of the Subdivisions
of T.13 S., R.19 E.

Chains	<p>New bearing tree: A catclaw, 5 ins. diam., bears S. $18\frac{1}{4}^{\circ}$ W., 78 lks. dist. marked $\frac{1}{4}$ S 27 B T</p> <p>Thence</p> <p>South, bet. secs. 26 and 27.</p> <p>Along gentle E. slope.</p> <p>3.30 Fence, bears E. and W.</p> <p>16.50 Point of small spur, slopes E. Gibson's house, bears S. $45^{\circ}45'$ E.</p> <p>79.54 chs.</p> <p>39.55 A point due west of the SW. cor. of sec. 25,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 26, 27, 34, and 35, with brass cap marked</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S</td><td>R19E</td></tr> <tr><td>S 27</td><td>S 26</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td></tr> <tr><td>S 34</td><td>S 35</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;">1933</td></tr> </table> <p>A catclaw, 8 ins. diam., bears N. $28\frac{3}{4}^{\circ}$ E., 112 lks. dist. marked T 13 S R 19 E S 26 B T</p> <p>A catclaw, 8 ins. diam., bears S. $13\frac{3}{4}^{\circ}$ E., 104 lks. dist. marked T 13 S R 19 E S 35 B T</p> <p>A catclaw, 5 ins. diam., bears S. $52\frac{1}{2}^{\circ}$ W., 106 lks. dist. marked T 13 S R 19 E S 34 B T</p> <p>A mesquite, 6 ins. diam., bears N. $69\frac{1}{4}^{\circ}$ W., 127 lks. dist. marked T 13 S R 19 E S 27 B T</p> <p>Land, slightly rolling. Soil, sandy, 2nd. rate. Timber, mesquite and catclaw. Undergrowth, cactus and yucca.</p>	T13S	R19E	S 27	S 26			S 34	S 35	1933	
T13S	R19E										
S 27	S 26										
S 34	S 35										
1933											
40.03	<p>From the cor. of secs. 23, 24, 25, and 26, South, on a random line bet. secs. 25 and 26.</p> <p>Fall 3 lks. E. of the $\frac{1}{4}$ sec. cor.</p> <p>I return to the cor. of secs. 23, 24, 25, and 26,</p> <p>Thence</p> <p>S. $0^{\circ}03'$ W., on a true line bet. secs. 25 and 26.</p> <p>Over level cultivated land.</p> <p>7.00 Leave field and enter dense undergrowth.</p> <p>20.50 Fence, bears N. 70° E. and S. 70° W.</p> <p>22.70 N. bank of San Pedro River, 10 ft. deep, bears S. 30° E. and N. 30° W.</p> <p>26.00 Main channel of river, course N. 30° W.</p> <p>30.70 S. bank of river, 10 ft. high, bears SE. and NW. Asc. 54 ft. over broken NE. slope.</p> <p>40.03 The $\frac{1}{4}$ sec. cor. of secs. 25 and 26, which is a mesquite</p>										

Resurvey and Survey of a Portion of the Subdivisions
of T.13 S., R.19 E.

BOOK 3997

Chains	<p>stake marked $\frac{1}{4}$ S and lying on old mound of earth. At point for cor.,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S 26 S 25</p> <p style="text-align: center;">1933</p> <p style="text-align: right;">raise a mound of stone,</p> <p>2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.</p> <p>Continue line and measurement. Asc. 500 ft. over a series of spurs, sloping NE.</p> <p>77.60 Ridge, bears SE. and NW. Desc. slightly.</p> <p>78.50 Head of small ravine, course SW. Along W. slope.</p> <p>79.93 A point 79.56 chs. West of the cor. of secs. 25 and 36, on E. bdy. of Tp. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 25, 26, 35, and 36, with brass cap marked</p> <p style="text-align: center;">T13S R19E S 26 S 25 S 35 S 36 1933</p> <p style="text-align: right;">raise a mound of stone,</p> <p>2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.</p> <p>Land, N. half, level, S. half, hilly. Soil, sandy loam, 1st. rate in valley, balance, rocky. Timber, mesquite and catclaw. Undergrowth, ocotillo, cactus, spanish dagger, and sage.</p>
40.00	<p>From the cor. of secs. 25 and 36 on E. bdy. of Tp., West, on a random line bet. secs. 25 and 36.</p> <p>Find no trace of the $\frac{1}{4}$ sec. cor. Set temp. cor.</p> <p>I return to the cor. of secs. 25 and 36, which is an iron post, 2 ins. diam., 10 ins. above ground, marked and witnessed as described in the official record.</p> <p>Thence</p> <p>West, on a true line bet. secs. 25 and 36.</p> <p>Over rolling land. Desc. 30 ft. over gradual NW. slope.</p> <p>5.00 Small wash, course S.60°W.</p> <p>11.90 Road, bears SE. to Benson and NW. to Cascabel.</p> <p>15.20 Fence; bears SE. and NW.</p> <p>19.30 Enter bottom land and dense mesquite, bears SE. and NW.</p> <p>31.50 E. bank of San Pedro River, a stream of muddy water, 1 ch. wide, course N.</p> <p>33.80 West bank of river, 10 ft. high. Over bottom land.</p> <p>40.00 Record distance,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the</p>

BOOK 3997

Resurvey and Survey of a Portion of the Subdivisions
of T.13 S., R.19 E.

Chains	ground for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 25 ----- S 36 1933
	from which, A mesquite, 5 ins. diam., bears N.25 $\frac{1}{2}$ °W., 62 lks. dist. marked $\frac{1}{4}$ S 25 B T
	A mesquite, 7 ins. diam., bears S.80 $\frac{1}{2}$ °E., 79 lks. dist. marked $\frac{1}{4}$ S 36 B T
	Continue over level bottom land.
50.00	Leave bottom land and asc. 140 ft. over gradual NE. slope, through dense undergrowth.
66.10	Asc. 340 ft. over precipitous NE. slope.
78.70	Ridge, bears SE. and NW. Desc. 12 ft. over W. slope.
79.56	The cor. of secs. 25, 26, 35, and 36.
	Land, level and mountainous. Soil, loam and rocky, 1st. and 3rd. rates. Timber, mesquite and catclaw. Undergrowth, ocotillo, cactus, spanish dagger, and sage.
	West, bet. secs. 26 and 35.
	Over rolling hills, through desert undergrowth. Desc. 84 ft. over broken W. slope.
2.10	Junction of two ravines, from NE. and SE., course W.
4.60	Leave ravine, course S.60°W.
8.70	Same ravine, course NW. Asc. slightly.
11.20	Point of spur, slopes NW. Desc. 30 ft. over NW. slope.
14.40	Wash, 20 lks. wide, course N.20°W. Asc. 35 ft. to .
18.50	Spur, slopes N.20°W. Desc. 60 ft. over NW. slope.
23.50	Wash, 20 lks. wide, course N.20°W. Asc. 20 ft.
26.10	Spur, slopes NW. Desc. 80 ft. over SW. slope.
33.00	Small ravine, course NW. Asc. 30 ft.
36.10	Spur, slopes NW. Desc. 50 ft. over W. slope.
38.10	Head of small ravine, course NW. Asc. slightly.
39.77	Mid-point, Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, supported in a mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 26 ----- S 35 1933
40.90	Spur, slopes NW. Desc. 95 ft. over broken W. slope.

Subdivision of T.13 S., R.19 E.

BOOK 3997

Chains	
50.30	Flat wash, 150 lks. wide, course N.60°W. Asc. slightly.
62.60	Point of spur, slopes NW. Desc. 90 ft. over SW. slope.
66.60	Foot of slope, enter valley.
69.20	Fence, bears N. and S.
74.70	Dim road, bears N. and S.
75.80	Enter sand wash, course N.60°E.
79.30	Leave wash.
79.54	The cor. of secs. 26, 27, 34, and 35.
	Land, rolling hills. Soil, gravelly, 2nd. and 3rd. rates. Timber, mesquite and catclaw, Undergrowth, spanish dagger, ocotillo, and greasewood.
	From the cor. of secs. 21, 22, 27, and 28, South, bet. secs. 27 and 28. Over rolling hills. Asc. 100 ft. over N. slope.
3.90	Spur, slopes NE. Desc. 75 ft. over SE. slope.
7.50	Wash, 30 lks. wide, course NE. Asc. 80 ft. over NE. slope.
11.20	Spur, slopes NE. Desc. 45 ft. over SE. slope.
13.60	Ravine, course NE. Asc. 88 ft. over N. slope.
18.30	Spur, slopes E. Along E. slope.
21.70	Desc. 67 ft. over SE. slope.
25.70	Ravine, course N.70°E. Asc. 70 ft. over NE. slope.
30.30	Spur, slopes E. Desc. 66 ft. over SE. slope.
33.10	Wash, 10 lks. wide, course N.80°E. Asc. 30 ft.
34.60	Small spur, slopes E. Desc. 46 ft.
38.50	Wash, 10, lks. wide, course S.70°E. Asc. 30 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 28 S 27 1933 raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
40.30	Small spur, slopes E. Desc. 70 ft. over broken SE. slope.
48.80	Enter sand wash, course E.
50.30	Leave wash and asc. 50 ft. over N. slope.
53.80	Spur, slopes E. Desc. 60 ft. over S. slope.

Subdivision of T.13 S., R.19 E.

Chains	
57.60	Enter wash, course N.70°E.
59.20	Leave wash, asc. 60 ft. over NW. slope.
62.30	Spur, slopes NE. Desc. 60 ft. over SE. slope.
66.80	Enter wash, course NE.
67.90	Dim road, bears NE. and SW.
71.10	Leave wash and asc. 180 ft. over NW. slope.
79.12	A point 80.02 chs. West of the cor. of secs. 26, 27, 34, and 35.
	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 27 and 34 only, with brass cap marked
	T13S R19E S 28 S 27 S 34 1933
	raise a mound of stone, 2 ft. base, 1½ ft. high E. of cor.
	Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite and catclaw. Undergrowth, ocotillo, palo verde, cactus, and spanish dagger.
	East, bet. secs. 27 and 34. Over rolling hills.
.50	Spur, slopes NE. Desc. 80 ft. over SE. slope.
5.50	Ravine, course NE. Asc. 67 ft. over NW. slope.
12.00	Spur, slopes NE. Desc. 157 ft. over SE. slope.
21.40	Wash, 40 lks. wide, course SE. from SW. Asc. 34 ft.
24.10	Spur, slopes E. from N.70°W. Desc. 75 ft. along spur.
37.00	Leave spur, slopes N.70°E. Desc. 50 ft. to
40.01	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for ¼ sec. cor. with brass cap marked
	S 27 ---- S 34 1933
	deposit a stone, 4 x 4 x 2 ins. marked X, at base of post.
	Desc. 186 ft. over broken SE. slope.
48.90	Wash, 20 lks. wide, course SE. from SW.
54.90	Wash, 10 lks. wide, course S.20°E. Asc. 53 ft. over SW. slope.
56.90	Small spur, slopes S. Desc. 195 ft. over broken SE. slope.
76.50	Foot of slope, bears N. and S. Enter valley.
80.02	The cor. of secs. 26, 27, 34, and 35.

Subdivision of T.13 S.,R.19 E.

BOOK 3997

Chains

Land, rolling hills.
Soil, sandy and gravelly, 1st. and 3rd. rates.
Timber, mesquite and catclaw.
Undergrowth, ocotillo, cactus, and spanish dagger.

From the cor. of secs. 21, 22, 27, and 28,
West, on S. bdy. of sec. 21.

Over rolling hills.

2.20 Ravine, course NE. Asc. 90 ft. over E. slope.

6.00 Spur, slopes NE.

9.40 Spur, slopes N. Desc. 57 ft. over W. slope.

12.10 Ravine, course N. Asc. 80 ft. over NE. slope.

16.90 Spur, slopes N.30°E. Desc. 80 ft. over NW. slope.

20.50 Wash, 30 lks. wide, course N. Asc. 55 ft. over NE. slope.

28.80 Small spur, slopes NE. Desc. 40 ft. over NW. slope.

32.30 Wash, 1 ch. wide, course NE. Asc. 67 ft. to cor.

39.80 Small wash, course S.70°E.

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

S 21
 $\frac{1}{4}$ ----
S 28
1933

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

Asc. 127 ft. over E. slope.

46.50 Spur, slopes NE. Desc. 110 ft. over NW. slope.

52.20 Small ravine, course N.20°E. Asc. 66 ft. over NE. slope.

54.60 Spur, slopes N.20°E. Desc. 125 ft. to

64.50 Wash, 70 lks. wide, course NE. Asc. 168 ft. over SE.slope.

78.91 A point 78.58 chs. South of the NW. cor. of sec. 21.

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

T13S | R19E
S 20 | S 21

S 28
1933

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

Land, rolling hills.
Soil, gravelly, 3rd. rate.
Timber, mesquite.
Undergrowth, palo verde, ocotillo, cactus, and spanish dagger.

Chains	North, bet. secs. 20 and 21. Over rolling hills. Asc. 30 ft. over SE. slope.
2.20	Spur, slopes N.70°E. Desc. 57 ft. over NE. slope.
4.40	Head of ravine, course N.70°E. Asc. 30 ft.
6.90	Spur, slopes N.70°E. Desc. 200 ft. over NW. slope.
14.80	Ravine, course NE. Asc. 17.ft.
16.70	Spur, slopes NE. Desc. 250 ft. over broken N. slope.
31.70	Foot of hill, bears NE. and SW. Enter wash.
35.00	A cabin, bears W. about 6 chs. dist.
38.58	40.00 chs. from the NW. cor. of sec. 21, Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 21 only, with brass cap marked
	$\frac{1}{4}$ S 21 1933
	from which,
	A mesquite, 5 ins. diam., bears N.16 $\frac{1}{4}$ °E., 94 lks. dist. marked $\frac{1}{4}$ S 21 B T
	A mesquite, 5 ins. diam., bears S.61 $\frac{1}{4}$ °E., 95 lks. dist. marked $\frac{1}{4}$ S 21 B T
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 20 only, with brass cap marked
	$\frac{1}{4}$ S 20 1933
	from which,
	A mesquite, 14 ins. diam., bears S.37 $\frac{1}{2}$ °W., 188 lks. dist. marked $\frac{1}{4}$ S 20 B T
	A mesquite, 16 ins. diam., bears N.88°W., 139 lks. dist. marked $\frac{1}{4}$ S 20 B T
	Continue over wash land.
45.50	Dim road, bears NE. and SW.
48.60	Main channel of wash, course N.70°E.
49.00	Fence, bears NE. and SW.
54.00	Leave wash land and asc. 50 ft. over SE. slope.
59.20	Small spur, slopes E. Along broken E. slope.
68.70	Enter wash, course S.60°E.
72.00	Leave wash and asc. 120 ft. over S. slope.
78.58	The cor. of secs. 16 and 21. Land, rolling. Soil, gravelly. Timber, mesquite and catclaw. Undergrowth, ocotillo, cactus, and palo verde.

Subdivision of T.13 S., R.19 E.

BOOK 3997

Chains	From the cor. of secs. 25, 26, 35 and 36, South, on a random line bet. secs. 35 and 36.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect the cor. of secs. 35 and 36 on S. bdy. of Tp. Thence North, on a true line bet. secs. 35 and 36. Over rolling land. Asc. SE. slope.
2.50	Ridge, bears NE. and SW. Thence over general NW. slope, crossing numerous spurs and gulches.
11.55	Fence, bears S.80°E. and N.80°W.
39.55	Same ridge, bears SE. and NW.
40.07	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked $\frac{1}{4}$ S 35 S 36 1933 raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.
45.35	Same ridge, bears NE. and SW. Desc. 140 ft. over N. slope.
56.00	Wash, 20 lks. wide, course N.20°W. Along W. slope.
66.65	Same ridge, bears SE. and NW.
71.65	Same ridge, bears NE. and SW. Desc. 90 ft. over NW. slope.
78.15	Head of ravine, course NW. Asc. SW. slope.
80.14	The cor. of secs. 25, 26, 35, and 36. Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite and catclaw. Undergrowth, spanish dagger, ocotillo, sage, and cactus.
	From the cor. of secs. 26, 27, 34, and 35, South, on a random line bet. secs. 34 and 35.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.28	Fall 23 lks. E. of the cor. of secs. 34 and 35 on S. bdy. of Tp., Thence N.0°10'E., on a true line bet. secs. 34 and 35. Over hilly land. Asc. 80 ft. over SW. slope.
16.80	Spur, slopes NW. Desc. 550 ft. over steep N. slope.
33.40	Foot of hill, bears N.70°E. and S.70°W. Enter valley.
36.30	Road, bears NE. and SW.

Chains	
38.00	Same road, bears S.10°E. and N.10°W.
39.14	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for witness $\frac{1}{4}$ sec. cor. with brass cap marked WC $\frac{1}{4}$ S 34 S 35 1933 from which, A catclaw, .7 ins. diam., bears S.34 $\frac{1}{2}$ °E., 32 lks. dist. marked WC $\frac{1}{4}$ S 35 BT. A mesquite, 6 ins. diam., bears N.82 $\frac{1}{2}$ °W., 172 lks. dist. marked WC $\frac{1}{4}$ S 34 BT.
40.14	True point for $\frac{1}{4}$ sec. cor. falls in wash, 50 lks. wide, course NE.
59.00	Dim road, bears N.20°E. and S.20°W.
62.70	Enter wash, course N. from S.30°W.
78.00	Leave wash, course NE.
80.28	The cor. of secs. 26, 27, 34 and 35. Land, mountainous and level. Soil, rocky, 4th. rate on hills, sandy loam in valley. Timber, mesquite and catclaw. Undergrowth, ocotillo, sage, and cactus.
	From the cor. of secs. 33 and 34 on S. bdy. of Tp., North, on a random line bet. secs. 33 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Set temp. cor. of secs. 28 and 33.
80.80	Fall 19 lks. W. of the cor. of secs. 27 and 34. I return to the cor. of secs. 33 and 34 on S. bdy. Thence N.0°08'E., on a true line bet. secs. 33 and 34. Over rolling hills. Desc. 40 ft. over N. slope.
1.60	Ravine, course N.60°E. Asc. 80 ft.
5.00	Spur, N.70°E. Desc. 80 ft. over N. slope.
7.50	Wash, 30 lks. wide, course N.80°E. Asc. 80 ft.
12.70	Spur, slopes E. Desc. 60 ft. over NE. slope.
15.60	Wash, 30 lks. wide, course E. 2 chs. then SE. Asc. 100ft.
18.90	Spur, slopes S.60°E. Desc. 34 ft.
21.80	Wash, 40 lks. wide, course SE. Asc. 45 ft.
24.00	Spur, slopes S.60°E. Desc. 50 ft. over NE. slope.
27.40	Wash, 20 lks. wide, course S.60°E. Asc. 100 ft. over SW. slope.

Subdivision of T.13 S., R.19 E.

BOOK 3007

- Chains
- 33.60 Spur, slopes S.80°E. Desc. 30 ft.
- 36.10 Wash, 20 lks. wide, course S.70°E. Asc. 50 ft. over S. slope.
- 38.30 Spur, slopes SE. Desc. 24 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, supported in a mound of stone, 3 ft. base to top of post, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$\frac{1}{4}$
S 33 | S 34
1933

Continue over broken land, draining SE.

- 40.20 Small ravine, course S.60°E.
- 43.90 Ravine, course SE.
- 47.70 Ravine, course SE.
- 51.30 Ravine, course SE.
- 55.90 Ravine, course E.
- 60.20 Ravine, course S.60°E. Asc. 116 ft. over S. slope.
- 62.80
- 64.80 Spur, slopes N.80°E. Desc. 118 ft. over N. slope.
- 68.60 Ravine, course N.70°E. Asc. 123 ft. over SE. slope.
- 72.86 High spur, slopes N.80°E. Desc. 122 ft. over N. slope.
- 77.70 Head of ravine, course NE. Asc.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 28 and 33 only, with brass cap marked

T13S R19E
S 28 | S 34
S 33 |
1933

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

- 80.80 The cor. of secs. 27 and 34.

Land, rolling hills.
Soil, gravelly, 3rd. rate.
Timber, mesquite and catclaw.
Undergrowth, spanish dagger and cactus.

From the cor. of secs. 32 and 33 on S. bdy. of Tp.,
North, bet. secs. 32 and 33.

Over rolling hills. Along W. slope.

- 7.30 Desc. 60 ft. over NW. slope.
- 20.75 Forks of wash, from W. and SW. to NE.
- 21.00 Dim road, bears N.70°E. and S.70°W. Asc. over broken SE. slope.

Subdivision of T.13 S., R.19 E.

Chains	
27.65	Small ravine, course N.70°E.
.35.25	Head of ravine, course S.70°E.
39.15	Ridge, bears NE. and SW. Desc. over NW. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, supported in a mound of stone to top for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$
	S 32 S 33
	1933
	Continue descent 120 ft. over NW. slope.
54.40	Wash, 30 lks. wide, course NE. Asc. 40 ft.
61.10	Spur, slopes N.80°E. Desc. 50 ft.
65.30	Wash, 20 lks. wide, course N.80°E. Asc. 80 ft.
71.00	Spur, slopes N.70°E. Desc. 95 ft. over N. slope.
76.90	Wash, 20 lks. wide, course N.80°E. Asc. 30 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, with a stone marked 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 marked
	T13S R19E
	S 29 S 28
	S 32 S 33
	1933
	Land, rolling hills.
	Soil, gravelly, 3rd. rate.
	Timber, mesquite.
	Undergrowth, ocotillo, palo verde, and cactus.
	N.89°46'E., on a random line bet. secs. 28 and 33.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.18	Fall 5 lks. N. of the cor. of secs. 28 and 33.
	Thence
	S.89°48'W., on a true line bet. secs. 28 and 33.
	Over rolling hills, along N. slope.
2.50	Desc. 104 ft. over NW. slope.
10.90	Enter wash, course NE.
11.70	Dim road, bears NE. and SW.
13.10	Leave wash, asc. 250 ft. over general E. slope.
31.30	Spur, slopes NE. Along N. slope.
40.09	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked

Subdivision of T.13 S., R.19 E.

BOOK 8997

Chains

S 28
 $\frac{1}{4}$ ----
 S 33
 1933

raise a mound of stone,

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

44.50 Wash, 40 lks. wide, course N.70°E. Asc. 146 ft. over E. slope.

52.70 Ridge, bears N.10°E. and S.10°W. Desc. 113 ft. over NW. slope.

58.00 Small ravine, course NW.

66.00 Sand wash, 120 lks. wide, course NE. Asc. 80 ft. over SE. slope.

76.80 Small wash; course SE.

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

Land, rolling hills.

Soil, gravelly, 3rd. rate.

Timber, mesquite and catclaw.

Undergrowth, palo verde, ocotillo, cactus, and spanish dagger.

From the cor. of secs. 31 and 32 on S. bdy. of Tp.,

N.0°01'W., bet. secs. 31 and 32.

Over rolling hills, through scattering timber and undergrowth. Desc. 60 ft. over N. slope.

1.50 Canyon, 80 lks. wide, course E. Asc. 90 ft. over S. slope.

5.30 Spur, slopes SE. Desc. 80 ft. over NE. slope.

12.00 Mouth of ravine, course S.70°E. Asc. 123 ft. over SE. slope

19.00 Spur, slopes E. Desc. 166 ft. over NE. slope.

29.40 Enter west edge of canyon, course N. from S.10°E.

31.00 Mouth of ravine, from S.60°W.

33.20 Leave canyon, course N.20°E. Asc. 160 ft. over SE. slope.

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

S 31 | S 32

1933

from which,

A juniper, 14 ins. diam., bears N.39 $\frac{1}{4}$ °E., 130 lks. dist. marked $\frac{1}{4}$ S 32 B TA juniper, 8 ins. diam., bears S.63 $\frac{1}{2}$ °W., 160 lks. dist. marked $\frac{1}{4}$ S 31 B T

42.60 Point of spur, slopes E. Desc. 100 ft. over broken NE. slope.

53.30 Enter sandy wash, 150 lks. W. of junction with main wash.

57.20 Leave wash, asc. 100 ft. over SE. slope.

Subdivision of T.13 S., R.19 E.

Chains											
62.00	Point of spur, slopes E. Desc. 126 ft. over NE. slope.										
68.20	Enter west edge of wash, course N. from S.10°E.										
74.30	Leave wash, course N.30°E. Asc. 50 ft. over SE. slope.										
77.30	Spur, slopes E. Desc. 50 ft. over NE. slope.										
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 29, 30, 31, and 32, with brass cap marked										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T13S</td><td>R19E</td></tr> <tr><td>S 30</td><td>S 29</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;"></td></tr> <tr><td>S 31</td><td>S 32</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;">1933</td></tr> </table>	T13S	R19E	S 30	S 29			S 31	S 32	1933	
T13S	R19E										
S 30	S 29										
S 31	S 32										
1933											
	from which,										
	A mesquite, 6 ins. diam., bears N.25½°E., 113 lks. dist. marked T 13 S R 19 E S 29 B T										
	A mesquite, 8 ins. diam., bears S.28½°E., 154 lks. dist. marked T 13 S R 19 E S 32 B T										
	A juniper, 10 ins. diam., bears S.4¼°W., 116 lks. dist. marked T 13 S R 19 E S 31 B T										
	A mesquite, 5 ins. diam., bears N.63¼°W., 83 lks. dist. marked T 13 S R 19 E S 30 B T										
	Land, mountainous. Soil, gravelly and rocky, 3rd. and 4th. rates. Timber, juniper, mesquite, and catclaw. Undergrowth, ocotillo, cactus, and spanish dagger.										
	N.89°46'E., on a random line bet. secs. 29 and 32.										
40.00	Set temp. ¼ sec. cor.										
80.16	Fall 14 lks. N. of the cor. of secs. 28, 29, 32, and 33. Thence										
	S.89°52'W., on a true line bet. secs. 29 and 32.										
	Over rolling hills, through desert growth. Asc. 50 ft. over E. slope.										
4.15	Spur, slopes NE. Desc.										
9.75	Head of ravine, course NE. Asc.										
12.65	Spur, slopes N. Desc. 77 ft.										
18.00	Wash, 15 lks. wide, course N.60°E. Asc. 23 ft.										
20.25	Point of spur, slopes N. Desc. 44 ft.										
25.00	Wash, 10 lks. wide, course NE. Asc. 50 ft.										
28.75	Spur, slopes N. Desc. 165 ft. over W. slope.										
37.25	Ravine, course N.60°W. Asc. 30 ft. over NE. slope.										
40.08	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for ¼ sec. cor. with brass cap marked										
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>S 29</td></tr> <tr><td>¼</td></tr> <tr><td>----</td></tr> <tr><td>S 32</td></tr> <tr><td colspan="2" style="border-top: 1px solid black;">1933</td></tr> </table>	S 29	¼	----	S 32	1933					
S 29											
¼											

S 32											
1933											

Subdivision of T.13 S., R.19 E.

BOOK 3997

Chains	<p>from which, A juniper, 6 ins. diam., bears S.61$\frac{1}{4}$°W., 10 lks. dist. marked $\frac{1}{4}$ S 32 B T</p> <p>Asc. 45 ft. over NE. slope.</p> <p>42.00 Spur, slopes N. Desc. 90 ft. over NW. slope.</p> <p>47.25 Ravine, course N.20°E. Asc. 55 ft.</p> <p>49.75 Spur, slopes N. Desc. 316 ft. over broken W. slope.</p> <p>62.65 Top of bluff, 30 ft. high, facing SW.</p> <p>65.35 Small wash, course N.60°W.</p> <p>73.45 Enter sandy wash, course N.20°E.</p> <p>76.75 Dim road, bears N.20°E. and S.20°W.</p> <p>79.85 Leave wash.</p> <p>80.16 The cor. of secs. 29, 30, 31, and 32.</p> <p>Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite and catclaw. Undergrowth, ocotillo, palo verde, and cactus.</p>
	<p>S.89°46'W., on a random line bet. secs. 30 and 31.</p> <p>40.00 Set temp. $\frac{1}{4}$ sec. cor.</p> <p>77.10 Fall 14 lks. N. of the cor. of secs. 25, 30, 31, and 36 on W. bdy. of Tp., which is an iron post, 2 ins. diam., 16 ins. above ground, marked and witnessed as described in the official record.</p> <p>Thence</p> <p>N.89°40'E., on a true line bet. secs. 30 and 31.</p> <p>Over mountainous land. Asc. 170 ft. over steep NW. slope.</p> <p>5.00 Spur, slopes N.20°E. Desc. 390 ft. over steep NE. slope.</p> <p>15.35 A cabin, bears N. about 6.50 chs. dist.</p> <p>15.55 Small stream, in canyon, course S.30°E. Asc. 95 ft. over SW. slope.</p> <p>17.46 Point of spur, slopes S. Desc. 130 ft. over SE. slope.</p> <p>22.50 Same canyon, course N.70°E. from S. Asc. 30 ft.</p> <p>24.00 Point of short spur, slopes NW. Desc. 43 ft.</p> <p>27.10 Same canyon, course S.70°E. Asc. 50 ft. over SW. slope.</p> <p>28.80 Short spur, slopes S. Desc. 46 ft. over SE. slope.</p> <p>34.20 Enter same canyon, course NE.</p> <p>34.50 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 marked</p>

S 30
 $\frac{1}{4}$ --- W C
S 31
1933

from which

Subdivision of T.13 S., R.19 E.

Chains	A mesquite, 7 ins. diam., bears N.63°E., 37 lks. dist. marked WC 4 S 30 BT. T.
	A juniper, 22 ins. diam., bears S.14 $\frac{1}{4}$ °W., 224 lks. dist. marked WC 4 S 31 BT. T.
37.10	True point for $\frac{1}{4}$ sec. cor. falls in wash, where it is impracticable to establish monument. Asc. 70 ft. over NW. slope.
38.80	Point of spur, slopes N. Desc. 23 ft.
40.40	Gulch, 40 lks. wide, course NW. Asc. 280 ft. over steep rocky SW. slope.
47.10	Slope changes to NW. Asc. 67 ft.
52.10	Spur, slopes N.10°E. Desc. 495 ft. to cor.
68.40	Ravine, course N.70°E. Continue descent.
77.10	The cor. of secs. 29, 30, 31, and 32. Land, mountainous. Soil, rocky, 4th. rate. Timber, scrub juniper, scrub oak, and mesquite. Undergrowth, soto, palo verde, ocotillo, sage, and spanish dagger.
	N.0°01'W., bet. secs. 29 and 30. Over rolling hills. Along E. slope.
6.40	Wash, course NE.
6.50	Asc. 130 ft. over SE. slope.
13.10	Spur, slopes E. Desc. 164 ft. over NE. slope.
30.30	Enter wash, course N.60°E.
31.50	Dim road, bears N.60°E. and S.60°W.
35.40	Leave wash and asc. 160 ft. over SE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked $\frac{1}{4}$ S 30 S 29 1933 raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor. Asc. 104 ft. over broken SE. slope.
40.30	Small spur, slopes E.
47.30	Small wash, course NE.
51.40	Spur, slopes S.70°E. Desc. 80 ft. over NE. slope.
61.00	Wash, 15 lks. wide, course SE. Asc. 125 ft. over SE. slope.
70.30	Spur, slopes E. Desc. 115 ft. over steep N. slope.
73.10	Wash, 3 chs. wide, course N.70°E. Asc. 40 ft.
79.70	Small spur, slopes S.60°E.

Subdivision of T.13 S., R.19 E.

BOOK 3997

Chains

80.00

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

T13S	R19E
S 19	S 20
S 30	S 29
1933	

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

Land, rolling hills.

Soil, gravelly, 3rd. rate.

Timber, mesquite and catclaw.

Undergrowth, palo verde, ocotillo, cactus, and spanish dagger.

N.89°52'E., on a random line on S. bdy. of sec. 20.

40.00 Set temp. ¼ sec. cor.

81.29 Fall 30 lks. S. of the SW. cor. of sec. 21.

Thence

S.89°39'W., on a true line on S. bdy. of sec. 20.

Over rolling hills.

1.27 A point 80.28 chs. N. of the cor. of secs. 28, 29, 32, and 33.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 28 and 29 only, with brass cap marked

T13S	R19E
S 20	
S 29	S 28
1933	

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

Asc. gradual SE. slope.

8.40 Spur, slopes NE. Desc. 415 ft. over broken NW. slope.

30.20 Wash, 20 lks. wide, course NW. Continue descent.

35.80 Foot of descent. Enter wash land, NE. and SW.

40.70 Dim road, bears NE. and SW.

41.28 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for ¼ sec. cor. with brass cap marked

S 20

¼
S 29
1933

from which,
A mesquite, 9 ins. diam., bears N.77½°W., 9 lks. dist.
marked ¼ S 20 B T

A catclaw, 6 ins. diam., bears S.45¼°W., 109 lks. dist.
marked ¼ S 29 B T

42.70 Leave wash land and asc. 140 ft. over broken SE. slope.

Chains	
52.40	Spur, slopes SE. Desc. 34 ft.
58.50	Small ravine, course SE. Asc. 75 ft. over NE. slope.
63.10	Small spur, slopes SE. Desc. 60 ft. over SW. slope.
66.40	Wash, 40 lks. wide, course S.20°E. Asc. 106 ft. over SE. slope.
77.30	Short spur, slopes SE. Desc. 30 ft. over SW. slope.
80.35	Small ravine, course SE. Asc. 30 ft.
81.29	The cor. of secs. 19, 20, 29, and 30.
	Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite and catclaw. Undergrowth, ocotillo, palo verde, soto, cactus, and spanish dagger.
	From the cor. of secs. 28, 29, 32, and 33, North, bet. secs. 28 and 29. Over rolling hills.
.30	Head of wash, course S.70°E. Asc. 40 ft. over SE. slope.
4.60	Spur, slopes NE. Desc. 114 ft. over N. slope.
20.00	Wash, 40 lks. wide, course NE. Asc. 40 ft. over SE. slope.
38.00	Spur, slopes NE. Desc. 30 ft. over N. slope.
40.14	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 29 S 28 1933
	raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.
	Desc. 90 ft. over NW. slope.
47.70	Wash, 20 lks. wide, course NE. Asc. 25 ft.
56.90	Point of spur, slopes NE. Desc. 90 ft. over NE. slope.
61.70	Same wash, course NW.
65.20	Same wash, course NE.
71.50	Ravine, course E.
76.00	Ravine, course S.80°E. Asc. 100 ft. over S. slope.
80.28	The cor. of secs. 28 and 29.
	Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite and catclaw. Undergrowth, ocotillo; palo verde, cactus, and spanish dagger.

Subdivision of T.13 S., R.19 E.

Chains	From the cor. of secs. 19, 20, 29 and 30, S.89°40'W., on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.24	Fall 2 lks. N. of the cor. of secs. 19, 24, 25, and 30, on W. bdy. of Tp., which is an iron post, 2 ins. diam., set in mound of stone and marked and witnessed as de- scribed in the official record.
	Thence
	N.89°39'E., on a true line bet. secs. 19 and 30.
	Over rolling hills. Desc. 30 ft.
1.00	Ravine, course N.30°E. Asc. 42 ft.
4.30	Spur, slopes N. Desc. 160 ft. over NE. slope.
17.25	Dim road, bears SE. and NW.
18.75	Wash, 2 chs. wide, course S.60°E. Asc. 156 ft. over SW. slope.
37.24	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 19 ----- S 30 1933
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
	Along S. slope.
41.25	Spur, slopes SE. Desc. 165 ft. over NE. slope.
51.45	Ravine, course SE. Asc. 26 ft.
59.00	Spur, slopes SE. Desc. 125 ft. over NE. slope.
68.00	Wash, 15 lks. wide, course S.60°E. Along S. slope.
74.85	Desc. 20 ft. over SE. slope.
76.45	Small spur, slopes SE. Desc. 30 ft. over E. slope.
77.24	The cor. of secs. 19, 20, 29, and 30: Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite and catclaw. Undergrowth, palo verde, ocotillo, cactus, and spanish dagger.
	N.0°01'W., bet. secs. 19 and 20.
	Over rolling hills.
.90	Small ravine, course SE. Asc. 95 ft. over S. slope.
4.70	Spur, slopes SE. Desc. 80 ft. over NE. slope.
10.00	Wash, 50 lks. wide, course SE.
13.80	Same wash, course S.10°W.
17.50	Same wash, course S.20°E. Asc. 210 ft. over SW. slope.

Subdivision of T.13 S., R.19 E.

BOOK 3997

Chains	
28.80	Spur, slopes SE. Desc. 70 ft. over NE. slope.
34.00	Head of ravine, course SE. Asc. 60 ft. over SE. slope.
36.80	Spur, slopes SE. Desc. 60 ft. over NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, supported in a mound of stone, 3 ft. base to top for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 19 S 20 1933
	Desc. 20 ft.
41.20	Wash, 20 lks. wide, course S. 70° E. Asc. 125 ft. over S. slope.
49.30	Ridge, bears E. and W. Thence along broken E. slope.
52.90	Wash, 10 lks. wide, course NE.
66.00	Small spur, slopes E. Desc. 65 ft. over N. slope.
72.40	Small wash, course N. 70° E. Asc. 60 ft. over SE. slope.
79.10	Spur, slopes E. 1 ch. then NE. Desc.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 17, 18, 19, and 20, with brass cap marked
	T13 SR19E S 18 S 17 S 19 S 20 1933
	raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
	Land, rolling hills. Soil, gravelly, 2nd. and 3rd. rates. Timber, mesquite. Undergrowth; palo verde, ocotillo, cactus, and spanish dagger.
	N. 89° 39' E., on a random line bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
81.35	Fall 9 lks. N. of the cor. of secs. 17 and 20.
	Thence
	S. 89° 43' W., on a true line bet. secs. 17 and 20.
	Over rolling hills. Asc. 45 ft. over SE. slope.
3.20	Spur, from N. 80° W. divides and slopes NE. and S. 80° E.
6.30	Desc. 104 ft. over SW. slope.
13.20	Sandy wash, course S. 70° E. from S. 70° W. Asc. 320 ft. over broken E. slope.
19.20	Wash, 10 lks. wide, course SE.
24.50	Small wash, course S. 60° E.

Subdivision of T.13 S., R.19 E.

BOOK 8897

Chains	
37.60	Head of small ravine, course SE.
41.35	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with a stone 7 x 4 x 3 ins. marked X, deposited at the base, for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 17 ----- S 20 1933
	Desc. 50 ft. over SW. slope.
43.15	Small ravine, course SE. Asc. 40 ft.
44.75	Small spur, slopes SE. Desc. 35 ft.
56.50	Ravine, course SE. Asc. 180 ft. over NE. slope.
62.35	Low ridge, bears N.20°E. and S.20°W. Desc. 40 ft.
64.50	Wash, .60 lks. wide, course N.20°E. Asc. 115 ft. over general E. slope.
78.55	Spur, slopes NE. Along N. slope.
81.35	The cor. of secs. 17, 18, 19 and 20. Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite. Undergrowth, ocotillo, palo verde, cactus, and spanish dagger.
	S.89°39'W., on a random line bet. secs. 18 and 19.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.18	point for Fall 5 lks. S. of the cor. of secs. 13, 18, 19, and 24, The witness cor. 20 lks. S. of true point is an iron post 2 ins. diam., firmly set and marked and witnessed as described in the official record.
	Thence from true point for cor., N.89°41'E., on a true line bet. secs. 18 and 19. Over rolling hills. Desc. 50 ft. over E. slope.
12.20	Wash, 30 lks. wide, course N.20°E. Asc. 50 ft. over NW. slope.
24.70	Spur, slopes N. Desc. 45 ft.
28.80	Ravine, course N. Asc. 40 ft.
32.70	Spur, slopes N. Desc. 36 ft.
37.18	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked
	$\frac{1}{4}$ S 18 ----- S 19 1933
	raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
41.00	Wash, 25 lks. wide, course N. Asc. 55 ft. over W. slope.
45.90	Spur, slopes N. Desc. 90 ft. over NE. slope.

Subdivision of T.13 S., R.19 E.

Chains	
58.10	Wash, 20 lks. wide, course N. Asc. 90 ft. over NW. slope.
74.50	Low ridge, bears N. and S. Desc. NE. slope.
77.18	The cor. of secs. 17, 18, 19, and 20. Land, rolling hills. Soil, gravelly, 2nd. and 3rd. rates. Timber, mesquite and catclaw. Undergrowth, ocotillo and cactus.
	N.0°01'W., bet. secs. 17 and 18. Over rolling hills. Desc. 30 ft.
2.60	Head of wash, course NE. Thence along broken E. slope.
24.90	Spur, slopes E. about 1 ch. then N. Desc. 50 ft. over gradual NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked $\begin{array}{c} \frac{1}{4} \\ \text{S } 18 \mid \text{S } 17 \\ 1933 \end{array}$ raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Desc. 50 ft. over gradual NE. slope.
57.20	Wash, 30 lks. wide, course N.30°W. Asc. 60 ft. over SW. slope.
68.70	Small spur, slopes NW. Desc. 75 ft. over NE. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, with a stone 10x6x3 ins. marked X, deposited at the base, for cor. of secs. 17 and 18 only, with brass cap marked $\begin{array}{c} T13S R19E \\ \text{S } 7 \\ \hline \text{S } 18 \mid \text{S } 17 \\ 1933 \end{array}$ Land, rolling. Soil, gravelly, 2nd. and 3rd. rates. Timber, mesquite and catclaw. Undergrowth, palo verde, ocotillo, and cactus.
	S.89°41'W., on a random line bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.11	Fall 2 lks. S. of the cor. of secs. 7, 12, 13, and 18, on W. bdy. of Tp., which is an iron post, 2 ins. diam., firmly set, and marked and witnessed as described in the official record. Thence N.89°42'E., on a true line bet. secs. 7 and 18. Over rolling land.
1.20	Spur, slopes N.20°W.

Subdivision of T.13 S., R.19 E.

BOOK 3997

Chains	Desc. 105 ft. over E. slope.
17.50	Wash, 10 lks. wide, course N.30°E.
20.30	Spur, slopes N.
25.30	Wash, 40 lks. wide, course NE. Asc. 80 ft. over NW. slope.
32.40	Spur, slopes N.20°E. Desc. gradual E. slope.
37.11	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 18 only, with brass cap marked
	$\frac{1}{4}$ S 18 <hr/> 1933 raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high S. of cor.
38.77	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap marked
	$\frac{1}{4}$ S 7 <hr/> 1933 raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
	Desc. 67 ft. over E. slope.
47.80	Wash, 40 lks. wide, course N.20°E. Asc. 60 ft. over broken NW. slope.
58.80	Spur, slopes N. Desc. 43 ft.
65.60	Wash, 25 lks. wide, course N.10°W. Asc. 60 ft. over NW. slope.
73.60	Spur, slopes N. Desc. gradually.
77.11	The cor. of secs. 17 and 18. Continue N.89°42'E., on true line bet. secs. 7 and 17.
78.77	The cor. of secs. 7 and 17, hereinafter described. Land, rolling. Soil, gravelly, 2nd. and 3rd. rates. Timber, mesquite and catclaw. Undergrowth, ocotillo, cactus, and spanish dagger.
	From the cor. of secs. 8, 9, 16, and 17, West, bet. secs. 8 and 17. Over rolling land.
1.60	Head of ravine, course SE. Asc. 60 ft. over E. slope.
4.50	Spur, slopes SE. Desc. 85 ft. over SW. slope.
12.10	Fence, bears NE. and SW. 1 ch. then SE. Ridge, in saddle bears N.60°E. and S.60°W.
14.80	Small spur, slopes N. Desc. 60 ft. over NW. slope.
21.30	Wash, 30 lks. wide, course N.20°E. Asc. 100 ft. over broken land, draining NE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the

Chains	ground for $\frac{1}{4}$ sec. cor. of sec. 8 only, with brass cap marked $\frac{1}{4}$ S 8 1933 from which, A juniper, 7 ins. diam., bears N.72 $\frac{1}{2}$ °E., 83 lks. dist. marked $\frac{1}{4}$ S 8 B T A juniper, 4 ins. diam., bears N.30 $\frac{1}{2}$ °W., 159 lks. dist. marked B T
40.70	Small wash, course NE.
40.88	40.00 chs. in departure from the NW. cor. of sec. 17, Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 17 only, with brass cap marked $\frac{1}{4}$ S 17 1933 Asc. 270 ft. over broken E. slope.
51.70	Wash, 8 lks. wide, course NE.
63.00	Wash, 10 lks. wide, course NE.
73.15	Ridge, bears N. and S. Desc. 70 ft. over W. slope.
77.52	Wash, 15 lks. wide, course NW. Asc.
79.22	A point 80.11 chs. South of the NW. cor. of sec. 8, Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with a stone, 7x6x4 ins. marked X, deposited at the base, for cor. of sec. 8 only, with brass cap marked T13S R19E S 8 S 17 1933 Land, rolling hills. Soil, gravelly, 2nd. and 3rd. rates. Timber, mesquite and catclaw. Undergrowth, ocotillo, cactus, and spanish dagger.
	North, on W. bdy. of sec. 8. Over rolling hills. Desc.
.82	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 7 and 17 only, with brass cap marked T13S R19E S 7 S 17 1933 raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
4.50	Wash, 13 lks. wide, course N.30°W. Along W. slope.
27.90	Ridge, bears N.20°W. and S.20°E. Desc. 106 ft. over NE. slope.

Subdivision of T.13 S., R.19 E.

BOOK 3997

<p>Chains 38.90</p>	<p>Small wash, course NE.</p>
<p>40.06</p>	<p>Mid-point of W. bdy. of sec. 8,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 8 only, with brass cap marked</p> <div style="text-align: center;"> $\frac{1}{4}$ S 8 1933 </div> <p>raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high E. of cor.</p>
<p>40.82</p>	<p>40.00 chs. from the SE. cor. of sec. 7,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 7 only, with brass cap marked</p> <div style="text-align: center;"> $\frac{1}{4}$ S 7 1933 </div> <p>raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.</p> <p>Desc. 150 ft. over broken NE. slope.</p>
<p>42.50</p>	<p>Small wash, course NE.</p>
<p>56.60</p>	<p>Wash, 20 lks. wide, course NE.</p>
<p>71.90</p>	<p>Small wash, course NE. Along gradual E. slope.</p>
<p>80.11</p>	<p>A point 79.74 chs. South of the cor. of secs. 5, 6, 31, and 32 on N. bdy. of Tp., and 78.97 chs. West of the cor. of secs. 4, 5, 8, and 9,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 5 and 8 only, with brass cap marked</p> <div style="text-align: center;"> T13S R19E S 5 ——— S 8 1933 </div> <p>raise a mound of stone, 3 ft. base, 2 ft. high E. of cor.</p> <p>Land, rolling hills. Soil, gravelly, 3rd. rate. Timber, mesquite and catclaw. Undergrowth, palo verde, ocotillo, yucca, and cactus.</p>
<p>.71</p>	<p>North, on the west bdy. of sec. 5.</p> <p>Over rolling hills. Along E. slope.</p> <p>A point 80.00 chs. from the SE. cor. of sec. 7,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 6 and 7 only, with brass cap marked</p> <div style="text-align: center;"> T13S R19E S 6 S 7 1933 </div>

Chains	Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.
3.50	Wash, 15 lks. wide, course NE.
19.10	Slope changes to N. Desc. 85 ft.
27.80	Enter sandy wash, course N.70°E.
30.50	Leave wash. Asc. 80 ft. over SE. slope.
36.20	Spur, slopes NE. Desc. 50 ft. over NE. slope.
39.20	Head of small ravine, course NE.
39.92	Proportional distance, 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 marked <div style="text-align: center;"> $\frac{1}{4}$ S 5 1933 raise a mound of stone, 3 ft. base, 2 ft. high E. of cor. </div>
40.71	40.00 chs. from the SE. cor. of sec. 6, Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap marked <div style="text-align: center;"> $\frac{1}{4}$ S 6 1933 Asc. SE. slope. </div>
42.75	Spur, slopes N.30°E. Desc. 120 ft. over N. slope.
45.94	Fence, bears NE. and SW.
53.45	Gulch, course N.50°E. Asc. 50 ft. over SE. slope.
58.35	Short spur, slopes E. Desc. 180 ft. to cor.
71.45	Same gulch, course N.20°W.
77.55	Same gulch, course N.20°E.
79.74	The cor. of secs. 5, 6, 31, and 32, on N. bdy. of Tp. Land, rolling hills. Soil, gravelly, 2nd. rate. Timber, mesquite and catclaw. Undergrowth, ocotillo, spanish dagger, and cactus.
40.00	From the cor. of secs. 6 and 7, on the W. bdy. of sec. 5, S.89°42'W., on a random line bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec. cor.
78.75	Fall 5 lks. N. of the cor. of secs. 1, 6, 7, and 12 on W. bdy. of Tp., which is an iron post, 2 ins. diam., firmly set, marked and witnessed as described in the official record.

Subdivision of T.13 S., R.19 E.

BOOK 3997

Chains	Thence
	N.89°40'E., on a true line bet. secs. 6 and 7. Over rolling hills. Asc. 25 ft. over W. slope.
.75	Spur, slopes N. Desc. 55 ft. over NE. slope.
5.75	Ravine, course N. Asc. 50 ft. over NW. slope.
10.00	Spur, slopes N. Desc. 90 ft. over E. slope.
19.15	Wash, 180 lks. wide, course N.10°E.
25.75	Wash, 10 lks. wide, course N.20°W. Asc. 104 ft. over NW. slope.
33.50	Low ridge, bears N. and S. Desc. E. slope.
38.75	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor. with brass cap marked S 6 $\frac{1}{4}$ --- S 7 1933 raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
39.25	Wash, 10 lks. wide, course NE. Along broken N. slope.
54.75	Desc. 60 ft. over E. slope.
61.85	Wash, 70 lks. wide, course N. Asc. 30 ft.
65.25	Low spur, slopes N.
73.25	Wash, 10 lks. wide, course NE. Desc. 33 ft. over gradual SE. slope.
78.75	The cor. of secs. 6 and 7. Land, rolling hills. Soil, gravelly, 2nd. and 3rd. rates. Timber, mesquite and catclaw. Undergrowth, ocotillo, cactus, and spanish dagger.

Resurvey and Survey of a Portion of the Subdivision
of T.13 S., R.19 E.

	From the cor. of secs. 4, 5, 8, and 9, West, on a random line bet. secs. 5 and 8.
40.00	Find no trace of the original $\frac{1}{4}$ sec. cor. Set temp. I return to the cor. of secs. 4, 5, 8, and 9, Thence West, on a true line bet. secs. 5 and 8. Over wash land, Asc. gradually.
4.00	Leave wash land, bears N.70°E. and S.70°W. Asc. 115 ft. over SE. slope.
10.20	Asc. 180 ft. over general E. slope.
26.80	Spur, slopes NE. Desc. 140 ft. over NW. slope.

BOOK 3997

Resurvey and Survey of a Portion of the Subdivision
of T.13 S., R.19 E.

Chains	
33.60	Small wash, course N. Asc. 50 ft. over NE. slope.
35.20	Point of spur, slopes N.20°E. Desc. 40 ft. over NW. slope.
38.10	Wash, 70 lks. wide, course NE. Asc. 26 ft. over E. slope.
40.00	Record distance, Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, with a stone marked X, deposited at the base, and in a mound of stone, 3 ft. base, to top for $\frac{1}{4}$ sec. cor. with brass cap marked
	S 5 ----- $\frac{1}{4}$ S 8 1933
	Asc. 175 ft. over E. slope.
50.30	Spur, slopes NE. Along N. slope.
52.70	Slope changes to NW. Desc. 140 ft.
60.20	Wash, 40 lks. wide, course NE. Asc. 120 ft. over E. slope.
67.40	Spur, slopes NE. Desc. 66 ft. over NW. slope.
71.40	Ravine, course NE. Asc. 60 ft. over gradual E. slope.
78.97	The cor. of secs. 5 and 8. Land, rolling hills. Soil, gravelly, 2nd. and 3rd. rates. Timber, mesquite and catclaw. Undergrowth, palo verde, ocotillo, yucca, and cactus.

Final Test of Solar

Jan. 25: At 4h 00m p.m., app. t., At the station described on page 1, I set off $32^{\circ}17\frac{1}{2}'$ N. on the latitude arc, $18^{\circ}49\frac{1}{2}'$ S. on the declination arc, and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

Jan. 26: At 8h 00m a.m., app. t., I set off $32^{\circ}17\frac{1}{2}'$ N. on the latitude arc, $18^{\circ}41'$ S. on the declination arc, and repeat the test of the solar; the line of sight agrees with the meridian established by Polaris observation.

Jan. 26, 1932;

General Description

The portion of T.13 S., R.19 E., surveyed under this assignment consists of rolling foot-hills, rising in the south part to about 500 ft. above the level of the San Pedro river, which crosses the township diagonally from sec. 36 to sec. 5. The soil is thin and of a disintegrated granite formation. There is no timber of a commercial nature, the mesquite and catclaw being fit mainly for fire wood. There are the usual varieties of desert undergrowth. The chief value of the land is for grazing, water can be found in some of the washes. There are three settlers, one in sec. 20, one in sec. 26, and one in sec. 30.

4-680
(August, 1926)

FIELD ASSISTANTS.

NAMES.	CAPACITY.
Howard Beard	First Chainman.
Fred Pender	Second Chainman.
Allen Blout	Flagman
J.D.Harris	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR

I, Charles E. Hunter, U. S. Transitman hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 8th day of October, 1932, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ~~Surveyed at those portions of~~ resurveyed a portion of the South Boundary, a portion of the North Boundary, a portion of the subdivisional lines, and surveyed a portion of the subdivisional lines, completing the subdivision of Township 13 South, Range 19 East, 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 me, and under my direction; and that all the corners of said survey and resurvey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for 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.

Glendale, California.
May 3, 1934.

Charles E. Hunter
U.S. Transitman

APPROVAL

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
Denver, Colorado, June 18, 1934.

The foregoing field notes of the ~~Survey of~~ resurvey of a portion of the North Boundary, a portion of the South Boundary, a portion of the subdivisional lines, and survey of a portion of the subdivisional lines, completing the subdivision of Township 13 South, Range 19 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Charles E. Hunter, U. S. Transitman, under his special instructions dated October 8, 1932, 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.

[Signature]
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.