

Original

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Book F

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 4249

FIELD NOTES

OF THE

Survey of the Subdivisional Lines of a part of

Township 12 South, Range 6 East,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Ty White, Surveyor,

and

Raymond F. Moss, Public Land Surveyor.

General Land Office.

Under special instructions dated January 10, 1939, which provided for the surveys included under Group No. 225, bearing the approval of the Commissioner of the General Land Office under date of February 24, 1939 and assignment instructions dated March 1, 1939

Survey commenced March 2, 1939

Survey completed March 7, 1939

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BOOK 4249

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## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

L. 12 S. R. 6 E. 4248

## Chains

The survey herein described was executed by Ty White, Surveyor and Raymond F. Moss, Public Land Surveyor, using respectively Buff solar transit No. 18002 and Gurley solar transit No. 371537. For description and test of instruments and establishment of meridian, see the field notes of the subdivisional lines of T. 10 S., R. 4 W., surveyed under this group.

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

All measurements were made with Lufkin and Dietzgen steel tapes, 5 chs. in length, graduated every link for the first 100 links, and the balance at intervals of 10 lks. The tapes were tested by comparison with a Lufkin standard tape 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 cor. of secs. 13, 14, 23 and 24, is an iron post, 2 ins. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record. This cor. is located in a fence line, 4 strands of barbed wire, bearing E. and W.

## Thence

N.0°01'W., bet. secs. 13 and 14.

Over nearly level land, thru scattering timber and dense undergrowth, with numerous small drains, course NW.

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

$\frac{1}{4}$   
S14 | S13  
1939

from which

A mesquite, 4 ins. diam., bears N.47 $\frac{1}{2}$ °E., 65 lks. dist. marked  $\frac{1}{4}$  S13 BT

A mesquite, 4 ins. diam., bears N.82 $\frac{1}{4}$ °W., 50 lks. dist. marked  $\frac{1}{4}$  S 14 BT

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked

T12S R6E  
S11 | S12  
-----  
S14 | S13  
1939

from which

A mesquite, 4 ins. diam., bears N.1 3/4°E., 182 lks. dist., marked T12S R6E S12 BT

An ironwood, 4 ins. diam., bears S.45 $\frac{1}{2}$ °E., 173 lks. dist., marked T12S R6E S13 BT

Survey of the subdivisional lines of frac. T.12 S., R.6 E.

Chains	<p>A mesquite, 3 ins. diam., bears S.35½°W., 309 lks. dist., marked T12S R6E S14 BT</p> <p>A mesquite, 4 ins. diam., bears N.68 3/4°W., 105 lks. dist., marked T12S R6E S11 BT</p> <p>Land, nearly level. Soil, sandy loam, 2nd. and 3rd. rates. Timber, mesquite and ironwood. Undergrowth, greasewood.</p>								
	<p>N.89°59'E., on a random line bet. secs. 12 and 13.</p>								
40.00	Set temp. ¼ sec. cor.								
80.02	A point 4 lks. S. of the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of Tp.; an iron post, 2 ins. diam., 2 ins. above ground, marked and witnessed as described in the official record.								
	Thence								
	S.89°57'W., on a true line bet. secs. 12 and 13.								
	Over nearly level land, through scattering timber and dense undergrowth.								
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								
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">S12</td> </tr> <tr> <td style="text-align: center;">¼</td> <td style="text-align: center;">—</td> </tr> <tr> <td></td> <td style="text-align: center;">S13</td> </tr> <tr> <td></td> <td style="text-align: center;">1939</td> </tr> </table>		S12	¼	—		S13		1939
	S12								
¼	—								
	S13								
	1939								
	from which								
	An ironwood, 8 ins. diam., bears N.43½°E., 333 lks. dist., marked ¼ S12 BT								
	An ironwood, 12 ins. diam., bears S.35 3/4°E., 216 lks. dist., marked ¼ S13 BT								
80.02	The cor. of secs. 11, 12, 13 and 14.								
	Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, mesquite, and ironwood. Undergrowth, greasewood.								
	N.0°01'W., bet. secs. 11 and 12.								
	Over nearly level land, through scattering timber and dense undergrowth.								
15.00	Enter mesquite and greasewood thicket, bears E. and W. Across a series of small drains, course N.60°W.								
22.00	Leave thicket, bears N.60°W. and S.60°E.								
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap marked								

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains

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

S11		S12
1939		

from which

A mesquite, 5 ins. diam., bears S.  $2\frac{1}{4}^{\circ}$  E., 70 lks.  
dist., marked  $\frac{1}{4}$  S12 BT.

A mesquite, 5 ins. diam., bears S.  $28\frac{1}{2}^{\circ}$  W., 128 lks.  
dist., marked  $\frac{1}{4}$  S11 BT.

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

T12S	R6E	
S2		S1
—		
S11		S12
1939		

from which

A mesquite, 6 ins. diam., bears N.  $53\frac{1}{2}^{\circ}$  E., 229 lks.  
dist., marked T12S R6E S1 BT.

An ironwood, 5 ins. diam., bears S.  $44^{\circ}$  W., 280 lks.  
dist., marked T12S R6E S11 BT.

A mesquite, 5 ins. diam., bears N.  $23\frac{1}{2}^{\circ}$  W., 242 lks.  
dist., marked T12S R6E S2 BT.

Dig a pit, 18X18X12 ins., in sec. 12, 3 ft. dist.

Land, nearly level.

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

Timber, mesquite and ironwood; undergrowth, greasewood.

N.  $89^{\circ} 57'$  E., on a random line, bet. secs. 1 and 12.

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

80.00 A point 5 lks. N. of the cor. of secs. 1, 6, 7 and 12; an  
iron post, 2 ins. diam., 10 ins. above ground, firmly set,  
marked and witnessed as described in the official record.

Thence

S.  $89^{\circ} 59'$  W., on true line, bet. secs. 1 and 12.

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

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

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

S1
—
S12
1939

from which

A mesquite, 5 ins. diam., bears N.  $45^{\circ}$  E., 117 lks.  
dist., marked  $\frac{1}{4}$  S1 BT.

A mesquite, 5 ins. diam., bears S.  $39^{\circ}$  W., 220 lks.  
dist., marked  $\frac{1}{4}$  S12 BT.

Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains  
80.00

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

Land, nearly level.  
Soil, sandy loam, 2nd and 3rd rates.  
Timber, mesquite and ironwood; undergrowth, greasewood.

40.00

N. 0° 01' W., bet. secs. 1 and 2.

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

$\frac{1}{4}$   
S2 | S1  
1939

from which

A mesquite, 8 ins. diam., bears S. 87° E., 146 lks. dist., marked  $\frac{1}{4}$  S1 BT.

A mesquite, 8 ins. diam., bears S. 43 $\frac{1}{2}$ ° W., 81 lks. dist., marked  $\frac{1}{4}$  S2 BT.

80.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for lot cor., with brass cap marked

$\frac{1}{4}$   
S2 | S1  
8 | 5  
1939

88.75

Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist. Intersect S. boundary of T. 11 S., R. 6 E.

At intersection

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

T11S R6E  
S36  
S2 | S1  
T12S R6E  
CC  
1939

from which

A mesquite, 5 ins. diam., bears S. 42 $\frac{3}{4}$ ° E., 134 lks. dist., marked T12S R6E S1 CC BT.

A mesquite, 4 ins. diam., bears S. 22 $\frac{1}{4}$ ° W., 219 lks. dist., marked T12S R6E S2 CC BT.

From the closing cor. the  $\frac{1}{4}$  sec. cor. of secs. 1 and 36, bears W. 10.86 chs. dist.; an iron post, 1 in. diam., 8 ins. above ground, firmly set, with brass cap marked

S36  
 $\frac{1}{4}$   
S1  
1916

As this cor. now refers to sec. 36 only, I change the markings on the brass cap to read.

$\frac{1}{4}$  S36  
1939  
1916

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

## Chains

From the same closing cor., the cor. of Ts. 11 and 12 S., Rs. 6 and 7 E., bears E. 29.14 chs. dist.; an iron post, 3 ins. diam., 10 ins. above ground, firmly set, with brass cap marked

T11S	
R6E	R7E
S36	S31
S1	S6
T12S	
1916	

As this cor. now refers to T. 11 S., Rs. 6 and 7 E., only, I change the markings on the brass cap to read

T11S	
R6E	R7E
S36	S31
T12S R6E S1	
1939	
1916	

from this last named cor.

A mesquite, 6 ins. diam., bears S. 9° E., 126 lks. dist., marked T12S R7E S6 BT.

An ironwood, 10 ins. diam., bears S. 38½° W., 183 lks. dist., marked T12S R6E S1 BT. I destroy the markings on these trees.

Land, nearly level.

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

Timber, mesquite and ironwood; undergrowth, greasewood.

The ¼ sec. cor. of secs., 31 and 6, Ts. 11 and 12 S., R. 7 E. is an iron post, 1 in. diam., 6 ins. above ground, firmly set, with brass cap marked

S31
¼
S6
1916

As this cor. now refers to sec. 31 only, I change the markings on the brass cap to read

¼ S31
1939
1916

The cor. of secs. 5, 6, 31 and 32, Ts. 11 and 12 S., R. 7 E. is an iron post, 3 ins. diam., 12 ins. above ground, firmly set, with brass cap marked

T11S	R7E
S31	S32
S6	S5
T12S	
1916	

from which

A palo verde, 8 ins. diam., bears N. 18½° E., 147 lks. dist., marked T11S R7E S32 BT.

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains

An ironwood, 12 ins. diam., bears N. 41° W., 301 lks. dist., marked T11S R7E S31 BT.

As this cor. now refers to secs. 31 and 32 only, I change the markings on the brass cap to read.

T11S R7E  
S31 | S32  
T12S R6E  
S6  
1939  
1916

The cor. of secs. 14, 15, 22 and 23 is an iron post, 2 ins. diam., 10 ins. above ground, firmly set, marked and witnessed as described in the official record. This cor. is located in the line of the Papago Indian Reservation fence (4 strand barbed wire) which bears E. and W.

Thence

N. 0° 01' W., bet. secs. 14 and 15.

Over nearly level land, thru scattering timber and undergrowth.

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

$\frac{1}{4}$   
S15 | S14  
1939

dig pits

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked

T12S R6E  
S10 | S11  
S15 | S14  
1939

dig pits

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

Land, nearly level.

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

Timber, mesquite; undergrowth, greasewood.

N. 89° 59' E., on a random line, bet. secs. 11 and 14.

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

80.00 A point 4 lks. N. of the cor of secs. 11, 12, 13 and 14.

Thence

N. 89° 59' W., on true line bet. secs. 11 and 14.

Over nearly level land, thru scattering timber and undergrowth.



## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains 28.80	Wash, 10 lks. wide, 1 ft. deep, course N. 70° W.
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
	$\begin{array}{r} S11 \\ \frac{1}{4} \text{---} \\ S14 \\ 1939 \end{array}$
	from which
	A mesquite, 4 ins. diam., bears N. 45 $\frac{1}{2}$ ° E., 109 lks. dist., marked BT.
	A mesquite, 4 ins. diam., bears S. 65 $\frac{1}{4}$ ° E., 257 lks. dist., marked BT.
45.00	Wash, 10 lks. wide, 2 ft. deep, course N. 30° W.
80.00	The cor. of secs. 10, 11, 14 and 15.
	Land, nearly level. Soil, clay loam, 2nd and 3rd rates. Timber, mesquite; undergrowth, greasewood.
<hr/>	
	N. 0° 01' W., bet. secs. 10 and 11.
	Over nearly level land, thru sparse timber and scattering undergrowth.
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
	$\begin{array}{r} S10 \text{---} S11 \\ \frac{1}{4} \\ 1939 \end{array}$
	from which
	A mesquite, 4 ins. diam., bears N. 49° E., 102 lks. dist., marked BT.
	A mesquite, 5 ins. diam., bears N. 66° W., 60 lks. dist., marked $\frac{1}{4}$ S10 BT.
62.40	Wash, 10 lks. wide, 2 ft. deep, course N. 20° W. Enter mesquite thicket N. 20° W. and S. 20° E. Across a series of small drains, course N. 20° W.
79.00	Leave mesquite thicket, bears N. 20° W. and S. 20° E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 2, 3, 10 and 11. with brass cap marked
	$\begin{array}{r} T12S \ R6E \\ S3 \text{---} S2 \\ \text{---} \\ S10 \text{---} S11 \\ 1939 \end{array}$
	from which
	A mesquite, 4 ins. diam., bears N. 41° E., 180 lks. dist., marked BT.
	Dig pits, 18x18x12 ins. in secs. 3, 10 and 11, 3 ft. dist.
	Land, nearly level.

Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains

Soil, clay loam, 2nd and 3rd rates.  
Timber, mesquite; undergrowth, greasewood.

S. 89° 59' E., on a random line, bet. secs. 2 and 11.

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

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

Thence

N. 89° 59' W., on true line, bet. secs. 2 and 11.

Over nearly level land, thru sparse timber and scattering undergrowth.

40.02 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

$\frac{1}{4}$   $\frac{S2}{S11}$   
1939

from which

A mesquite, 6 ins. diam., bears N.  $31\frac{1}{4}^\circ$  W., 106 lks. dist., marked  $\frac{1}{4}$  S2 BT.

A mesquite, 6 ins. diam., bears S.  $29\frac{3}{4}^\circ$  E., 358 lks. dist., marked  $\frac{1}{4}$  S11 BT.

72.05 Wash, 10 lks. wide, 3 ft. deep, course N. 10° W.

80.04 The cor. of secs. 2, 3, 10 and 11.

Land, nearly level.  
Soil, clay loam, 2nd and 3rd rates.  
Timber, mesquite; undergrowth, greasewood.

N. 0° 01' W., bet. secs. 2 and 3.

Over nearly level land, thru scattering timber and undergrowth.

13.30 Wash, 10 lks. wide, 3 ft. deep, course N. 45° W. Enter mesquite thicket, bears S. 20° W. and S. 60° E.

23.50 Leave thicket, bears N. 80° W. and S. 60° E.

37.40 Wash, 12 lks. wide, 1 ft. deep, course N. 45° W.

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

$\frac{1}{4}$   
S3 | S2  
1939

from which

A mesquite, 4 ins diam., bears S. 84° E., 346 lks. dist., marked BT.

A mesquite, 4 ins. diam., bears N.  $67\frac{1}{4}^\circ$  W., 106 lks. dist., marked BT.

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains

Across a series of small washes.

56.40 Wash 10 lks. wide, 1 ft. deep, course N.  $45^{\circ}$  W. Enter mesquite thicket, bears N.  $45^{\circ}$  W. and S.  $45^{\circ}$  E.73.40 Wash, 10 lks. wide, 1 ft. deep, course N.  $30^{\circ}$  W.

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

$$\begin{array}{c} 1|4 \\ S3|S2 \\ 8|5 \\ 1939 \end{array}$$

88.62 Dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist. Intersect the S. boundary of T. 11 S., R. 6 E.

At intersection

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

$$\begin{array}{c} T11S R6E \\ S35 \\ \hline S3|S2 \\ T12S R6E \\ CC \\ 1939 \end{array}$$

from which

A mesquite, 4 ins. diam., bears S.  $33^{\circ}$  E., 326 lks. dist., marked BT.A mesquite, 4 ins. diam., bears S.  $61\frac{1}{4}^{\circ}$  W., 268 lks. dist., marked BT.From the closing cor., the  $\frac{1}{4}$  sec. cor. of secs. 35 and 2, bears W. 10.75 chs. dist.; an iron post, 1 in. diam., 6 ins. above ground, firmly set, with brass cap marked
$$\begin{array}{c} S35 \\ \hline \frac{1}{4} \end{array}$$

$$\begin{array}{c} S2 \\ 1916 \end{array}$$

As this cor. now refers to sec. 35 only, I change the markings on the brass cap to read

$$\begin{array}{c} \frac{1}{4} S35 \\ \hline 1939 \\ 1916 \end{array}$$

From the same closing cor., the cor. of secs. 1, 2, 35 and 36, bears E. 29.25 chs. dist.; an iron post, 3 ins. diam., 6 ins. above ground, firmly set, with brass cap marked

$$\begin{array}{c} T11S R6E \\ S35|S36 \\ \hline S2|S1 \\ T12S \\ 1916 \end{array}$$

As this cor. now refers to secs. 35 and 36 only, I change the markings on the brass cap to read

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains

T11S R6E
S35   S36

T12S R6E
S2
1939
1916

Land, nearly level.  
Soil, clay loam, 2nd and 3rd rates.  
Timber, mesquite; undergrowth, greasewood.

The cor. of secs. 15, 16, 21 and 22 is an iron post, 2 ins. diam., 6 ins. above ground, firmly set, marked and witnessed as described in the official record.

Thence

N. 0° 02' W., bet. secs. 15 and 16.

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

Thru a dense mesquite and catclaw thicket, across a series of small drains.

1.00 Wash, 20 lks. wide, course NW.

39.00 Leave mesquite thicket.

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

$\frac{1}{4}$
S16   S15
1939

from which

A mesquite, 5 ins. diam., bears N.  $76\frac{1}{2}^{\circ}$  E., 210 lks. dist., marked  $\frac{1}{4}$  S15 BT.

A mesquite, 3 ins. diam., bears S.  $20^{\circ}$  W., 124 lks. dist., marked  $\frac{1}{4}$  S16 BT.

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

T12S R6E
S9   S10
S16   S15
1939

from which

A mesquite, 4 ins. diam., bears S.  $65^{\circ}$  W., 418 lks. dist., marked T12S R6E S16 BT.

Dig pits, 18x18x12 in each sec., 3 ft. dist.

Land, nearly level.  
Soil, sandy loam, 2nd and 3rd rates.  
Timber, mesquite, palo verde and ironwood; undergrowth, greasewood.

Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains N. 89° 59' E., on a random line, bet. secs. 10 and 15.

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

80.04 A point 12 lks. S. of the cor. of secs. 10, 11, 14 and 15.

Thence

S. 89° 54' W., on true line, bet. secs. 10 and 15.

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

40.02 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

$$\begin{array}{r} S10 \\ \frac{1}{4} \\ \hline S15 \\ 1939 \end{array}$$

from which

A mesquite, 3 ins. diam., bears N. 31° E., 236 lks. dist., marked  $\frac{1}{4}$  S10 BT.

A mesquite, 5 ins. diam., bears S. 19 $\frac{1}{2}$ ° E., 45 lks. dist., marked  $\frac{1}{4}$  S15 BT.

80.04 The cor. of secs. 9, 10, 15 and 16.

Land, nearly level.

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

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

N. 0° 02' W., bet. secs. 9 and 10.

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

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

$$\begin{array}{r} \frac{1}{4} \\ S9 | S10 \\ \hline 1939 \end{array}$$

from which

A mesquite, 5 ins. diam., bears S. 42° E., 91 lks. dist., marked  $\frac{1}{4}$  S10 BT.

A mesquite, 3 ins. diam., bears S. 48° W., 261 lks. dist., marked  $\frac{1}{4}$  S9 BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, with brass cap marked

$$\begin{array}{r} T12S R6E \\ S4 | S3 \\ \hline S9 | S10 \\ 1939 \end{array}$$

from which

A mesquite, 3 ins. diam., bears N. 1° E., 477 lks. dist., marked BT.

A mesquite, 5 ins. diam., bears S. 9 $\frac{1}{2}$ ° E., 356 lks. dist., marked T12S R6E S10 BT.

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

## Chains

A mesquite, 3 ins. diam., bears S.  $48\frac{1}{4}^{\circ}$  W., 237 lks. dist., marked T12S R6E S9 BT.

A mesquite, 4 ins. diam., bears N.  $57\frac{3}{4}^{\circ}$  W., 369 lks. dist., marked BT.

Land, nearly level.

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

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

N.  $89^{\circ} 54'$  E., on a random line, bet. secs. 3 and 10.

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

80.02 The cor. of secs. 2, 3, 10 and 11.

Thence

S.  $89^{\circ} 54'$  W., on true line, bet. secs. 3 and 10.

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

Thru a dense mesquite thicket.

12.00 Leave mesquite thicket, bears NW. and SE.

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

$$\frac{\frac{1}{4}}{S3} \\ \frac{S10}{1939}$$

from which

A mesquite, 5 ins. diam., bears N.  $57^{\circ}$  E., 260 lks. dist., marked  $\frac{1}{4}$  S3 BT.

A mesquite, 3 ins. diam., bears S.  $30\frac{1}{4}^{\circ}$  W., 472 lks. dist., marked  $\frac{1}{4}$  S10 BT.

80.02 The cor. of secs. 3, 4, 9 and 10.

Land, nearly level.

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

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

N.  $0^{\circ} 02'$  W., bet. secs. 3 and 4.

Over nearly level land, thru scattering timber and undergrowth.

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

$$S4 \left| \frac{\frac{1}{4}}{S3} \right. \\ 1939$$

dig pits

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

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains  
80.00

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for lot cor., with brass cap marked

$$\begin{array}{c} 1 \quad 4 \\ | \quad | \\ S4 - + - S3 \\ | \quad | \\ 8 \quad 5 \\ 1939 \end{array}$$

88.71

Dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist. Intersect S. boundary of T. 11 S., R. 6 E.

At intersection

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap marked

$$\begin{array}{c} T11S R6E \\ S34 \\ \hline S4 | S3 \\ T12S R6E \\ CC \\ 1939 \end{array}$$

from which

A mesquite, 4 ins. diam., bears S.  $74^{\circ}$  E., 118 lks. dist., marked T12S R6E S3 CC BT.A mesquite, 5 ins. diam., bears S.  $72\frac{3}{4}^{\circ}$  W., 459 lks. dist., marked BT.From the closing cor., the  $\frac{1}{4}$  sec. cor. of secs. 34 and 3, bears W. 10.69 chs. dist.; an iron post, 1 in. diam., 6 ins. above ground, firmly set, with brass cap marked
$$\begin{array}{c} S34 \\ \frac{1}{4} \\ \hline S3 \\ 1916 \end{array}$$

As this cor. now refers to sec. 34 only, I change the markings on the brass cap to read

$$\begin{array}{c} \frac{1}{4} S34 \\ \hline 1939 \\ 1916 \end{array}$$

From the same closing cor., the cor. of secs. 2, 3, 34 and 35, bears E. 29.31 chs. dist.; an iron post, 3 ins. diam., 6 ins. above ground, firmly set, with brass cap marked

$$\begin{array}{c} T11S R6E \\ S34 | S35 \\ \hline S3 | S2 \\ T12S \\ 1916 \end{array}$$

As this cor. now refers to secs. 34 and 35 only, I change the markings on the brass cap to read

$$\begin{array}{c} T11S R6E \\ S34 | S35 \\ \hline T12S R6E \\ S3 \\ 1939 \\ 1916 \end{array}$$

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

## Chains

Land, nearly level.  
Soil, sandy loam, 2nd and 3rd rates.  
Timber, mesquite, ironwood and palo verde; undergrowth,  
greasewood.

The cor. of secs. 16, 17, 20 and 21 is an iron post, 2 ins. diam., 6 ins. above ground, firmly set, marked and witnessed as described in the official record. This cor. is located in a line of the Papago Indian Reservation fence, (4 strand barbed wire) which bears E. and W.

## Thence

N. 0° 02' W., bet. secs. 16 and 17.

Over nearly level land, thru scattering timber and undergrowth.

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

$$\begin{array}{c} \frac{1}{4} \\ | \\ S17 | S16 \\ 1939 \end{array}$$

dig pits

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

50.00 Enter mesquite thicket, bears N. 45° W. and S. 45° E. Across a series of small washes.

72.80 Main wash, 12 lks. wide, 20 ft. deep, course N. 70° W. Continue across a series of small washes.

80.00 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

$$\begin{array}{cc} T12S & R6E \\ S8 & | & S9 \\ \hline S17 & | & S16 \\ 1939 & & \end{array}$$

from which

A mesquite, 4 ins. diam., bears N. 15 $\frac{1}{4}$ ° E., 81 lks. dist., marked BT.

A mesquite, 5 ins. diam., bears S. 27 $\frac{1}{2}$ ° E., 72 lks. dist., marked T12S R6E S16 BT.

A mesquite, 5 ins. diam., bears S. 9 $\frac{3}{4}$ ° W., 30 lks. dist., marked T12S R6E S17 BT.

A mesquite, 4 ins. diam., bears N. 9° W., 59 lks. dist., marked BT.

Land, nearly level.  
Soil, sandy loam, 2nd and 3rd rates.  
Timber, mesquite; undergrowth, greasewood.

N. 89° 59' E., on a random line, bet. secs. 9 and 16.

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

79.96 A point 7 lks. N. of the cor. of secs. 9, 10, 15 and 16.



## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

FOUNDED

## Chains

Thence

N. 89° 58' W., on true line, bet. secs. 9 and 16.

Over nearly level land, thru scattering timber and undergrowth.

22.00 Enter mesquite thicket, bears N. and S. Across a series of small washes.

39.98 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
$$\begin{array}{c} S9 \\ \frac{1}{4} \text{---} \\ S16 \\ 1939 \end{array}$$

dig pits

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

42.75 Wash, 15 lks. wide, 2 ft. deep, course N. 45° W.

52.00 Leave mesquite thicket, bears N. 45° W. and S. 45° E.

75.00 Enter dense mesquite, bears N. 45° W. and S. 45° E.

79.96 The cor. of secs. 8, 9, 16 and 17.

Land, nearly level.

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

Timber, Mesquite; undergrowth, greasewood.

N. 0° 02' W., bet. secs. 8 and 9.

Over nearly level land, thru scattering timber and undergrowth.

Thru dense mesquite thicket. Across a series of small washes.

18.00 Leave thicket, bears N. 45° W. and S. 45° 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
$$\begin{array}{c} \frac{1}{4} \\ S8 \text{---} | \text{---} S9 \\ 1939 \end{array}$$

dig pits

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

55.00 Enter mesquite thicket, bears N. 45° W. and S. 45° E. Across a series of small washes.

80.00 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

$$\begin{array}{c} T12S \ R6E \\ S5 \text{---} | \text{---} S4 \\ \text{---} | \text{---} \\ S8 \text{---} | \text{---} S9 \\ 1939 \end{array}$$

from which

A mesquite, 4 ins. diam., bears N. 53 $\frac{1}{4}$ ° E., 75 lks. dist. marked BT.

Survey of the subdivisional lines of frac. T. 12 S., R. 8 E.

Chains	<p>A mesquite, 4 ins. diam., bears S. <math>71\frac{3}{4}^{\circ}</math> E., 233 lks. dist., marked BT.</p> <p>A mesquite, 4 ins. diam., bears S. <math>39\frac{3}{4}^{\circ}</math> W., 155 lks. dist., marked BT.</p> <p>A mesquite, 4 ins. diam., bears N. <math>16\frac{3}{4}^{\circ}</math> W., 71 lks. dist., marked BT.</p> <p>Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, mesquite; undergrowth, greasewood.</p> <hr/> <p>S. <math>89^{\circ} 58'</math> E., on a random line, bet. secs. 4 and 9.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>80.00 A point 4 lks. N. of the cor. of secs. 3, 4, 9 and 10. Thence</p> <p>N. <math>89^{\circ} 56'</math> W., on true line, bet. secs. 4 and 9.</p> <p>Over nearly level land, thru scattering timber and undergrowth.</p> <p>35.30 Wash, 15 lks. wide, 2 ft. deep, course N. <math>45^{\circ}</math> W.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math display="block">\frac{1}{4} \frac{S4}{S9}</math> <p>1939</p> </div> <p style="text-align: right;">from which</p> <p>A mesquite, 4 ins. diam. bears N. <math>13\frac{1}{2}^{\circ}</math> E., 165 lks. dist., marked BT.</p> <p>A mesquite, 4 ins. diam., bears S. <math>4\frac{1}{2}^{\circ}</math> W., 97 lks. dist., marked BT.</p> <p>41.00 Enter mesquite thicket, bears N. <math>30^{\circ}</math> W. and S. <math>30^{\circ}</math> E.</p> <p>80.00 The cor. of secs. 4, 5, 8 and 9.</p> <p>Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, mesquite; undergrowth, greasewood,</p> <hr/> <p>N. <math>0^{\circ} 02'</math> W., bet. secs. 4 and 5.</p> <p>Over nearly level land, thru dense timber and undergrowth. Thru west edge of a mesquite thicket.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math display="block">S5 \frac{1}{4} S4</math> <p>1939</p> </div> <p style="text-align: right;">dig pits</p> <p>18x18x12 ins., N. and S. of post, 3 ft. dist.</p>
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## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains

50.00 Leave thicket, bears N. 40° E., and S. 40° W.

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

$$\begin{array}{c} 1 \quad | \quad 4 \\ \hline S5 \quad | \quad S4 \\ 8 \quad | \quad 5 \\ 1939 \end{array}$$

88.66 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist. Intersect S. boundary of T. 11 S., R. 6 E.

At intersection

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for closing cor. of secs. 4 and 5, with brass cap marked

$$\begin{array}{c} T11S R6E \\ S33 \\ \hline S5 \quad | \quad S4 \\ T12S R6E \\ CC \\ 1939 \end{array}$$

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

From the closing cor., the  $\frac{1}{4}$  sec. cor. of secs. 33 and 4, bears W. 10.64 chs. dist.; an iron post, 1 in. diam., 6 ins. above ground, firmly set, with brass cap marked
$$\begin{array}{c} S33 \\ \frac{1}{4} \\ \hline S4 \\ 1916 \end{array}$$

As this cor. now refers to sec. 33 only, I change the markings on the brass cap to read

$$\begin{array}{c} \frac{1}{4} S33 \\ 1939 \\ 1916 \end{array}$$

From the same closing cor., the cor. of secs. 3, 4, 33 and 34, bears E. 29.36 chs. dist.; an iron post, 3 ins. diam., 6 ins. above ground, firmly set, with brass cap marked

$$\begin{array}{c} T11S R6E \\ S33 \quad | \quad S34 \\ \hline S4 \quad | \quad S3 \\ T12S \\ 1916 \end{array}$$

As this cor. now refers to secs. 33 and 34 only, I change the markings on the brass cap to read

$$\begin{array}{c} T11S R6E \\ S33 \quad | \quad S34 \\ T12S R6E \\ S4 \\ 1939 \\ 1916 \end{array}$$

Land, nearly level.  
Soil, sandy loam, 2nd and 3rd rates.  
Timber, mesquite; undergrowth; greasewood.

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains	
	The cor. of secs. 17, 18, 19 and 20 is an iron post, 2 ins. diam., 18 ins. above ground, firmly set, marked and witnessed as described in the official record.
	Thence
	N. 0° 03' W., bet. secs. 17 and 18.
	Over nearly level land, thru scattering timber and dense undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.
	$\begin{array}{c} \frac{1}{4} \\ \text{S18} \mid \text{S17} \\ 1939 \end{array}$
	from which
	A mesquite, 5 ins. diam., bears S. 88 $\frac{1}{4}$ ° E., 263 lks. dist., marked $\frac{1}{4}$ S17 BT.
	Dig pits, 18x18x12 N. and S. of post, 3 ft. dist.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap marked
	$\begin{array}{cc} \text{T12S} & \text{R6E} \\ \text{S7} & \mid & \text{S8} \\ \hline \text{S18} & \mid & \text{S17} \\ & & 1939 \end{array}$
	from which
	A mesquite, 5 ins. diam., bears N. 75° E., 370 lks. dist., marked T12S R6E S8 BT.
	A mesquite, 5 ins. diam., bears S. 44 $\frac{1}{2}$ ° E., 197 lks. dist., marked T12S R6E S17 BT.
	A mesquite, 3 ins. diam., bears N. 70 $\frac{1}{4}$ ° W., 83 lks. dist., marked T12S R6E S7 BT.
	Dig pits, 18x18x12 ins. in each sec., 3 ft. dist. from post.
	Land, nearly level.
	Soil, sandy loam, 2nd and 3rd rates.
	Timber, mesquite and ironwood; undergrowth, greasewood.
	N. 89° 59' E., on a random line, bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	A point 10 lks. S. of the cor of secs. 8, 9, 16 and 17.
	Thence
	S. 89° 55' W., on true line bet. secs. 8 and 17.
	Over nearly level land, thru scattering timber and undergrowth.
	Thru dense mesquite thicket.
12.20	Leave mesquite thicket, bears N. and S.

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains	
17.10	Enter mesquite thicket, bears N. and S.
25.00	Leave mesquite thicket, bears N. and S.
38.90	Enter mesquite thicket, bears N. and S.
40.00	True point for $\frac{1}{4}$ sec. cor. falls in a wash, 40 lks. wide, course N. $15^{\circ}$ W., unsafe point to set the cor.
40.60	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
	$\begin{array}{c} S8 \\ \frac{1}{4} \text{---} WC \\ S17 \\ 1939 \end{array}$
	from which
	A mesquite, 3 ins. diam., bears N. $63^{\circ}$ E., 15 lks. dist., marked WC $\frac{1}{4}$ S8 BT.
	A mesquite, 7 ins. diam., bears S. $55^{\circ}$ W., 18 lks. dist., marked WC $\frac{1}{4}$ S17 BT.
42.00	Leave mesquite thicket, bears N. and S.
61.60	Enter mesquite thicket, bears N. and S.
68.70	Leave thicket, bears N. and S.
80.00	The cor of secs. 7, 8, 17 and 18.
	Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, mesquite and ironwood; undergrowth, greasewood.
	S. $89^{\circ} 59'$ W., on a random line, bet. secs. 7 and 18.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
76.32	A point 7 lks. S. of the cor. of secs. 7, 12, 13 and 18; <sup>on the W. bdy. of the TP.</sup> an iron post, 2 ins. diam., 6 ins. above ground, firmly set, marked and witnessed as described in the official record. Thence S. $89^{\circ} 58'$ E., on true line, bet. secs. 7 and 18.
	Over nearly level land, thru scattering timber and undergrowth.
36.32	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
	$\begin{array}{c} S7 \\ \frac{1}{4} \text{---} \\ S18 \\ 1939 \end{array}$
	from which
	A mesquite, 8 ins. diam., bears N. $12^{\circ}$ W., 238 lks. dist., marked $\frac{1}{4}$ S7 BT.
	A mesquite, 5 ins. diam., bears S. $17\frac{1}{4}^{\circ}$ W., 170 lks. dist., marked $\frac{1}{4}$ S18 BT.
76.32	The cor. of secs. 7, 8, 17 and 18.
	Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, mesquite and ironwood; undergrowth, greasewood.

Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains	<p>N. 0° 03' W , bet. secs. 7 and 8.</p> <p>Over nearly level land, thru scattering timber and undergrowth.</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} \frac{1}{4} \\ S7   S8 \\ 1939 \end{array}</math> </div> <p style="text-align: right;">from which</p> <p>A mesquite, 4 ins. diam., bears N. 12<math>\frac{1}{4}</math>° E., 403 lks. dist., marked <math>\frac{1}{4}</math> S8 BT.</p> <p>A mesquite, 5 ins. diam., bears S. 5° W., 288 lks. dist., marked <math>\frac{1}{4}</math> S7 BT.</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground for cor. of secs. 5, 6, 7 and 8, with brass cap marked</p> <div style="text-align: center;"> <math display="block">\begin{array}{cc} T12S &amp; R6E \\ S6 &amp;   &amp; S5 \\ \hline S7 &amp;   &amp; S8 \\ &amp; &amp; 1939 \end{array}</math> </div> <p style="text-align: right;">dig pits</p> <p>18x18x12 ins. in each sec., 3 ft. dist., from the post.</p> <p>Land nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, mesquite; undergrowth, greasewood.</p>
	<p>N. 89° 55' E., on a random line, bet. secs. 5 and 8.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>80.02 A point 4 lks. S. of the cor. of secs. 4, 5, 8 and 9.</p> <p>Thence</p> <p>S. 89° 53' W., on true line bet. secs. 5 and 8.</p> <p>Over nearly level land, thru scattering timber and undergrowth.</p> <p>35.00 Enter mesquite thicket, bears N. and S.</p> <p>40.01 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} S5 \\ \frac{1}{4} \text{---} \\ S8 \\ 1939 \end{array}</math> </div> <p style="text-align: right;">from which</p> <p>A mesquite, 4 ins. diam., bears N. 71° W., 24 lks. dist., marked <math>\frac{1}{4}</math> S5 BT.</p> <p>A mesquite, 3 ins. diam., bears S. 32<math>\frac{1}{2}</math>° E., 45 lks. dist., marked <math>\frac{1}{4}</math> S8 BT.</p> <p>40.40 Wash, 10 lks. wide, 4 ft. deep, course, N.</p> <p>45.00 Wash, 20 lks. wide, 4 ft. deep, course N.</p>

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains	
50.00	Leave thicket, bears N. and S.
63.00	Dim road, bears N. and S.
80.02	The cor. of secs. 5, 6, 7 and 8.  Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, mesquite; undergrowth, greasewood.
40.00	S. 89° 56' W., on a random line, bet. secs. 6 and 7, the objective cor. on sight. Set temp. $\frac{1}{4}$ sec. cor.
76.20	The cor. of secs. 1, 6, 7 and 12; <sup>on the W. bdy. of the Tp.</sup> an iron post, 2 ins. diam., 4 ins. above ground, firmly set, marked and witnessed as described in the official record.  Thence N. 89° 56' E., on true line, bet. secs. 6 and 7.  Over nearly level land, thru scattering timber and undergrowth.
36.20	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  $\begin{array}{r} S6 \\ \frac{1}{4} \\ \hline S7 \\ 1939 \end{array}$ from which  A mesquite, 4 ins. diam., bears N. 11° W., 238 lks. dist., marked $\frac{1}{4}$ S6 BT.  A mesquite, 5 ins. diam., bears S. 54 $\frac{3}{4}$ ° E., 252 lks. dist., marked $\frac{1}{4}$ S7 BT.
76.20	The cor. of secs. 5, 6, 7 and 8.  Land, nearly level. Soil, sandy loam, 2nd and 3rd rates. Timber, mesquite; undergrowth, greasewood.
40.00	N. 0° 03' W., bet. secs. 5 and 6.  Over nearly level land, thru scattering timber and undergrowth.  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  $\begin{array}{r} \frac{1}{4} \\ S6 \} S5 \\ \hline 1939 \end{array}$ from which  A mesquite, 3 ins. diam., bears N. 86° E., 300 lks. dist., marked $\frac{1}{4}$ S5 BT.  A mesquite, 3 ins. diam., bears N. 63 $\frac{1}{2}$ ° W., 312 lks. dist., marked $\frac{1}{4}$ S6 BT.

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

Chains

80.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for lot cor., with brass cap marked

$$\begin{array}{c} 1 \quad 4 \\ | \quad | \\ S6 \text{---} S5 \\ | \quad | \\ 8 \quad 5 \\ 1939 \end{array}$$

84.10 Dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist. Old road, bears NW. and SE.

88.86 Intersect the S. boundary of T. 11 S., R. 6 E.

At intersection

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

$$\begin{array}{c} T11S R6E \\ S32 \end{array}$$

$$\begin{array}{c} S6 \quad S5 \\ | \quad | \\ T12S R6E \\ CC \\ 1939 \end{array}$$

from which

A mesquite, 5 ins. diam., bears S.  $74\frac{1}{2}^\circ$  E., 180 lks. dist., marked T12S R6E S5 CC.BT.A mesquite, 3 ins. diam., bears S.  $1\frac{3}{4}^\circ$  W., 299 lks. dist., marked S6 CC BT.A U. S. C. and G. triangulation station bears N.  $70^\circ$  12' W., 1.19 chs. dist.; a brass tablet, 4 ins. diam., set in a cement block, 6x6 ins., 8 ins. above ground, marked
$$\begin{array}{c} MCEUEN \\ \nabla \\ 1936 \end{array}$$
From the closing cor., the  $\frac{1}{4}$  sec. cor. of secs. 32 and 5, bears W. 10.63 chs. dist.; an iron post, 1 in. diam., 10 ins. above ground, firmly set, with brass cap marked
$$\begin{array}{c} S32 \\ \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{c} S5 \\ 1916 \end{array}$$

As this cor. now refers to sec. 32 only, I change the markings on the brass cap to read

$$\frac{1}{4} S32$$

$$\begin{array}{c} 1939 \\ 1916 \end{array}$$

From the same closing cor., the cor. of secs. 4, 5, 32 and 33, bears E. 29.37 chs. dist.; an iron post, 3 ins. diam., 10 ins. above ground, firmly set, with brass cap marked

$$\begin{array}{c} T11S R6E \\ S32 \quad S33 \\ | \quad | \\ S5 \quad S4 \\ | \quad | \\ T12S \\ 1916 \end{array}$$



## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

## Chains

As this cor. now refers to secs. 32 and 33 only, I change the markings on the brass cap to read

T11S R6E
S32   S33

T12S R6E  
S5  
1939  
1916

Land, nearly level.  
Soil, sandy loam, 2nd and 3rd rates.  
Timber, mesquite; undergrowth, greasewood.

The cor. of secs. 5, 6, 31 and 32 is an iron post, 3 ins. diam., 6 ins. above ground, firmly set, with brass cap marked

T11S
R6E R6E
S31   S32
S6   S5
T12S
1916

As this cor. now refers to secs. 31 and 32 only, I change the markings on the brass cap to read

T11S R6E
S31   S32
T12S R6E
S6
1939
1916

For the final test of the solar attachments of instruments, see the field notes of the subdivisional lines of T. 12 S., R. 8 E., surveyed under this group.

## General Description

Frac. T. 12 S., R. 6 E., comprising secs. 1 to 18 incl. is nearly level desert land, lying at approximate elevation of 1700 ft. above sea level. It is drained by three distinct networks of dry washes, flowing in a general northerly direction, The first drain system originates in the N.  $\frac{1}{2}$  of sec. 14 and flows northerly thru secs. 11, 2 and 3. The second group of washes enters the S. bdy. of secs. 15 and 16 and flows northerly thru secs. 15 and 16 and the W.  $\frac{1}{2}$  of secs. 9 and 4. The third series of wash channels enters the S. bdy. of sec. 17 and flows northerly thru secs. 17, 8 and 5. There are no springs or permanent sources of water in the township. The soil is sandy loam, 2nd and 3rd rates. The wash bottoms contain quite a bit of sand. The entire area is almost completely free of rock. The land along the dry washes supports a heavy growth of palo verde, mesquite and ironwood timber with a thick undergrowth of greasewood. An average stand of native grass is found throughout the entire township. There are no surface indications of mineral deposits in the area. A road which is seldom used traverses the township north-

## Survey of the subdivisional lines of frac. T. 12 S., R. 6 E.

erly along the W. side of secs. 17, 8 and 5. There are no settlers living in the township. The Papago Indian Reservation fence runs along the E. S. and W. boundaries of the township, while a good 4 strand barbed wire fence runs the full length of the N. boundary. The land at the present time is being used for stock grazing. Mean magnetic declination is  $14^{\circ} 15'$  E.

81  
25

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Harold Ruddell	Principal Assistant
Donald Gifford	" " and chainman.
Van N. Kilgore	Chainman
Charles F. Bobo	"
James N. Pool	Flagman
Owen Longest	"
Landon Bates	Axeman
Leroy Lewis	"
Kenneth H. Strotjost	"
Norman Simser	"
Paschal Austin	"
Vermont Shaw	"
Frank M. Stivers	Moundman
Ray Sears	"

82  
26

BOOK 4249

CERTIFICATE OF SURVEYOR

We, Ty White, Surveyor, and Raymond F. Moss, Public Land Surveyor, General Land Office, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 10th day of January 1939, received from the district cadastral engineer for Arizona, with assignment instructions dated March 1, 1939, We have surveyed the subdivisional lines of a part of Township 12 South, Range 6 East,

River of the Gila and Salt/ Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by us and under our direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Glendale, Calif., Jan. 31, 1941  
Phoenix, Ariz., July 31, 1940

*Ty White*  
Surveyor  
*Raymond F. Moss*  
Public Land Surveyor  
General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,  
Denver, Colorado, April 23, 1942.

The foregoing field notes of the survey of the subdivisional lines of a part of Township 12 South, Range 6 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Ty White, Surveyor, and Raymond F. Moss, Public Land Surveyor, under special instructions dated January 10, 1939, and assignment instructions dated March 1, 1939, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

*Charles H. Johnson*  
Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in \_\_\_\_\_ is a true copy of the original field notes on file in the public survey office \_\_\_\_\_~~

~~Supervisor of Surveys.~~