

3388

Book "E"

85
1

4-679

BOOK 3388

FIELD NOTES

RE
OF THE SURVEY OF ~~THE~~

Part of the West Boundary of

T. 5 S., R. 5 E.,

and

The South Boundary of the Gila River Indian Reservation in

T. 5 S., Rs. 5 & 6 E.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Guy P. Harrington

In the capacity of U. S. ~~Surveyor~~ **Cadastral Engineer**, under Special Instructions dated **Sept., 20, 1919**,
issued by the United States Surveyor General to govern surveys included in Group
No. **98**, which were approved by the Commissioner of the General Land
Office, **October 11, 1919**, and Assignment Instructions dated **Oct., 13, 1919**

Survey commenced **Nov. 4, 1919**

Survey completed **Nov. 10, 1919**

3388

3388

1A
86

3388

BOOK 3388

INDEX DIAGRAM.

Township 5 South, Range 5 East

7	6	5	4	3	2	1
9	7	8	9	10	11	12
1	2	3	4	5	6	
			Reservation Boundary			
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

Surveys executed November 4 to 7, 1919

87
1B

3388

BOOK 3388

4-679 b

INDEX DIAGRAM.

Township 5 South, Range 6 East

6	5	4	3	2	1
7	8	9	10	11	12
11	12	13	15	17	19
18	17	Reservation Boundary	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Survey executed November 8 to 10, 1919.

6-4817

Resurvey of
The South Boundary of the Gila River Indian Reservation
in T. 5 S., R. 5 E.

Chains

Survey executed by Guy P. Harrington, U.S. Cadastral Engineer.

Beginning at the $\frac{1}{4}$ sec. cor. of secs. 7 and 18, T. 5 S., R. 6 E., which was reestablished by John F. Hesse, U.S. Surveyor, under Group No. 57, Arizona, and which is an iron post 1 in. in diam. 12 ins. above ground, firmly set, marked on brass cap

$$\begin{array}{r} .S7 \\ \frac{1}{4} \\ \hline S18 \end{array}$$

1916

Pits, partly filled, E. and W. of post 3 ft. dist., and mound of earth N. of cor.

Thence I run

West on a random line on the S. bdy of the Gila River Indian Reservation.

31.10 Intersect N. and S. line 188.97 chs. S. of the cor. of Tps. 5 S., Rs. 5 and 6 E., previously described.; Set temp. cor.

From this temp. cor. I continue West on a random line, setting temp. $\frac{1}{4}$ sec. and sec. cors. at intervals of 40.00 and 80.00 chs. and making diligent search for the old original cors., none of which I am able to find. At 491.47 chs. intersect the W. bdy. of T. 5 S., R. 5 E., 97 lks. N. of the cor. of secs. 7 and 18, hereinafter described. The falling answers to a correction of $0^{\circ}06'$ or 15 lks. S. per mile, counting from the reestablished $\frac{1}{4}$ sec. cor. of secs. 7 and 18, T. 5 S., R. 6 E., therefore

I run

N. $89^{\circ}54'E.$ along the S. bdy. of sec. 7, marking true line. Over nearly level land, through scattering palo verde and greasewood brush undergrowth.

51.47 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of secs 7. with brass cap mkd.

Resurvey of

BOOK 3388

The South Boundary of the Gila River Indian Reservation

in T. 5 S., R 5 E.

Chains.

GRIR
 $\frac{1}{4}$ S7

1911

A palo fierro, 6 ins. in diam. bears $N37\frac{1}{2}^{\circ}W$. 431 lks. dist.,
marked $\frac{1}{4}$ S 7 BT.

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

91.47 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the
ground for cor. of secs. 7 and 8, with brass cap mkd.

GRIR
T6S R5E
S7 S8

1911

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist.

This is the same post, that was set in the establishment
of this cor. by the Indian Survey.

Land nearly level.

Soil sandy and gravelly 2 nd. rate.

Timber scattering big palo fierro and palo verde.

Undergrowth greasewood.

N. $89^{\circ}54'E$. along the S. bdy. of sec. 8.

Over nearly level land, through scattering greasewood and
timber of palo verde and palo fierro

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. of sec. 8, with brass
cap mkd.

GRIR
 $\frac{1}{4}$ S8

1911

A palo fierro 8 ins. in diam. bears $N0\frac{1}{2}^{\circ}W$. 215 lks. dist.,
marked $\frac{1}{4}$ S 8 BT.

3
Resurvey of

The south boundary of the Gila River Indian Reservation
in T 5 S., R 5 E

BOOK 3388

Chains

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.;

This is the same post that was used when the cor. was established by the Indian Survey.

80.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for cor. of secs. 8 and 9, with brass cap marked.

GRIR

T5S | R5E
S8 | S9

1911

A palo fierro, 8 ins. in diam. bears N1½°E. 190 lks. dist., mkd. T5S., R5E., S9 BT.

A palo fierro 6 ins. in diam. bears N47°W. 276 lks. dist., mkd. T5S., R5E., S8 BT.

Land nearly level, slightly broken.

Soil gravelly, 2nd. rate.

Timber, scattering palo verde, and palo fierro.

Undergrowth, dense greasewood.

N 89°54'E. along the S. bdy. of sec. 9.

Ascend gradually over broken land, through greasewood brush and cactus.

28.00 Enter gravelly and stony wash 80 lks. wide, course SW. from E., thence up course of wash.

40.00 The point for the ¼ sec. cor. of sec. 9 falls in bed of wash., therefore, at a point N0°02'W. of true point, 1.30 chs. dist.; set an iron post 3 ft. long, 1 in. in diam. 12 ins. in the ground to bed rock and raise a mound of stone 3 ft. base, 2 ft. high around the post for witness cor to the ¼ sec. cor. of sec. 9., with brass cap, marked

GRIR

¼ S9

WC

1911

A palo verde 12 ins. in diam., bears N48°W. 126 lks. dist., marked ¼WC ¼ S9 BT

The south boundary of the Gila River Indian Reservation
in T 5 S., R 5 E

Chains 51.60	Leave wash, course W. from NE., begin very steep ascent of rugged and rocky W. slope.						
64.00	Top of ascent on rugged and rocky ridge, bears N. and S. A prominent peak about 300 ft. high, bears S. 2.50 chs. dist. thence very steep and rugged descent.						
80.00	Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in the ground to bed rock and raise a mound of stone 3 ft. base, 2 ft. high around the post for cor. of secs. 9 and 10, with brass cap marked						
	<table border="1"> <tr><td colspan="2">GRIR</td></tr> <tr><td>T5S</td><td>R5E</td></tr> <tr><td>S9</td><td>S10</td></tr> </table>	GRIR		T5S	R5E	S9	S10
GRIR							
T5S	R5E						
S9	S10						
	1911						
	Land rugged and mountainous.						
	Soil stony and gravelly 3rd. rate.						
	Undergrowth, greasewood and cactus.						
	N 89° 54' E. along the S. bdy. of sec. 10						
	Continue descent, through greasewood and cactus.						
6.00	Rocky wash, 50 lks. wide, course SE.						
36.00	Sandy wash, 30 lks. wide, course S.; Base of descent, bears N. and S., thence over nearly level valley.						
40.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 10, with brass cap marked,						
	<table border="1"> <tr><td colspan="2">GRIR</td></tr> <tr><td>S10</td><td></td></tr> </table>	GRIR		S10			
GRIR							
S10							
	1911						
	A lone Giant cactus 15 ft. high bears S 41° W. 76 lks. dist.						
	Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.						
80.00	Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for cor. of secs. 10 and 11, with brass cap mkd.						
	<table border="1"> <tr><td colspan="2">GRIR</td></tr> <tr><td>T5S</td><td>R5E</td></tr> <tr><td>S10</td><td>S11</td></tr> </table>	GRIR		T5S	R5E	S10	S11
GRIR							
T5S	R5E						
S10	S11						
	1911						
	A palo fierro 4 ins. in diam. bears N 74° E. 136 lks. dist. marked T5S., R5E., S11 BT						

Resurvey of

BOOK

3388

The South boundary of the Gila River Indian Reservation

in T 5 S., R 5 E

Chains

A palo fierro 8 ins. in diam. bears N10°W. 135 lks. dist.,
marked T5S., R5E., S10 BT.

Land rugged, broken, and nearly level.

Soil sandy and stony, 1st. and 3rd. rate.

Undergrowth, greasewood and cactus.

N 89°54'E. along the S. bdy. of sec. 11.

Begin ascent of rocky spur, through undergrowth of greasewood and cactus, with scattering timber of palo verde and palo fierro.

10.80 Top of ascent on rocky spur, bears N. and S., descend.

24.50 Rocky wash, 25 lks. wide; course N. ascend.

37.50 Top of ascent on rocky spur, bears N. and S., slopes N. thence descend along NE. slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 10 ins. in the ground, to bed rock, and raise a mound of stone 3 ft. base, 2 ft. high around the post for $\frac{1}{4}$ sec. cor of sec. 11, with brass cap marked

GRIR
 $\frac{1}{4}$ S11

1911

50.00 Base of descent, rocky wash, 30 lks. wide, course NW. ascend steep and rugged slope.

70:80 Top of ascent on rugged and rocky ridge, 250 ft. high, bears N. and S.; descend.

79.50 Rocky wash 30 lks. wide, course SE.

80.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for cor. of secs. 11 and 12., with brass cap marked

GRIR
T5S | R5E
S11 | S12

1911

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

Land rugged and mountainous.

Soil stony 3 dr. rate.

The South boundary of the Gila River Indian Reservation

in T 5 S., R 5 E.

Chains

Timber none.

Undergrowth, greasewood and cactus.

- 18.00 N 89° 54' E. along the S. bdy. of sec. 12.
Ascending rocky ridge, through greasewood and cactus.
- 25.50 Top of ascent on rocky ridge, bears N. and S.; A rocky peak, bears N. 1.00 ch. dist.; descend.
- 35.25 Rocky wash 30 lks. wide, course SE.; ascend rocky spur.
- 40.00 Top of ascent on S. end of rocky spur, bears NW. and SE.; descend.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 12, with brass cap mkd.

GRIR
 $\frac{1}{4}$ S12

1911

Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
This cor. is at the base of descent, bears NW. and SE.

- 80.00 Set an iron post 3 ft. long, 3 ins. in diam. 24 ins. in the ground for cor. of secs. 7 and 12 on E. bdy. of T5S., R5E. with brass cap marked

GRIR	
T5S	
T5S	R6E
S12	S7

1911

Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
A palo verde, 12 ins. in diam. bears N19° W. 110 lks. dist., marked T5S., R5E., S12 BT.

Land rolling and broken.

Soil stony and gravelly 3rd. rate.

Undergrowth of palo verde, greasewood, and cactus.

Resurvey of

West boundary of T 5 S., R 5 E

BOOK 3388

(which is also part of the West bdy. of the Gila River Indian Reservation)

Chains Survey executed by Guy P. Harrington, U.S. Cadastral Engineer.

Begin at the cor. of Tps. 4 and 5 S., R 4 E., previously described, which was established 8.11 chs. S. of the cor. of Tps. 4 and 5 S., R 5 E., thence

I run

South along E., bdy. of sec. 1.

Over slightly broken land, through undergrowth of greasewood and cactus.

5.00 Enter broken choppy and rocky hills, bears E. and W.

20.00 Leave broken, rocky hills, bears NE. and SW., thence over nearly level land.

31.89. (40.00) chs. from the cor. of Tps. 4 and 5 S., R 5 E.; set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 6, marked on brass cap

$\frac{1}{4}$

S6

1911

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

33.00 Begin ascent of rugged rocky ridge, bears E. and W..

38.00 Top of ascent on rocky ridge of decomposed granite, bears E. and W. descend.

40.63 Taking in account the bearing of the N. bdy. of sec. 1., making this $\frac{1}{4}$ sec. cor. East of the $\frac{1}{4}$ sec. cor. bet. secs. 1 and 2.; Set an iron post 3 ft. long, 1 in. in diam. on solid bed rock in a mound of stone 4 ft. base, 2 $\frac{1}{2}$ ft. high for $\frac{1}{4}$ sec. cor. of sec. 1., marked on brass cap

$\frac{1}{4}$

S1

1919

I chisel a cross (X) on the bed rock at the base of post.

55.00 Base of descent of rocky hill, bears E. and W. thence over level land covered with greasewood.

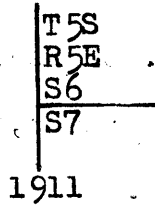
Resurvey of

West boundary of T 5 S., R 5 E

(which is also a part of the W.bdy. of the Gila River Indian Reservation.

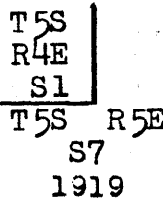
Chains

71.89 (80.00 chs) from the cor. of Tps. 4 and 5 S., R 5 E.; Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for cor. of secs. 6 and 7., marked on brass cap



Dig pits 18x18x12 ins. in each sec. NE. and SE. of post 5 1/2 ft. dist.

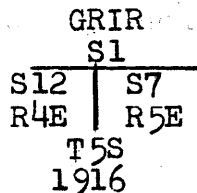
95.75 Intersect E. and W. line 11.39 chs. E. of the cor. of secs. 1, 6, 7, and 12, established by John F Hesse, U.S. Surveyor, under Group No. 57 Arizona, which is an iron post 3 ins. in diam. 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.; set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for SE. cor. of sec. 1., marked on brass cap



Dig pit 36x36x12 ins NW. of cor. 5 1/2 ft. dist.

WEST along S bdy of sec 1 cor. 5 1/2 ft. dist. above described

11.39 I change the cor. of secs. 1, 6, 7, and 12, to a cor. of secs. 7 and 12 only, and marking on brass cap to read as follows;



Land level and broken.

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

Undergrowth, greasewood and cactus.

Timber none.

Resurvey of

BOOK 3888

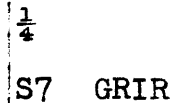
West boundary of T 5 S., R 5 E.

(which is also a part of the W. bdy. of the Gila River Indian Reservation)

Chains

From cor. of secs 7 and 12. I run South bet. secs. 7 and 12. along reservation boundary Over level land, through scattering timber of palo fierro and dense greasewood.

16.14 (40.00 chs) from the cor. of secs.6 and 7.;set an iron post 3 ft. long, 1 in. in diam.26 ins. in the ground for 1/4 sec. cor. of sec.7.,marked on brass cap

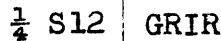


1919

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

40.00 Intersect the 1/4 sec. cor.of secs.7 and 12,established by John F Hesse,U.S.Surveyor,under Group No.57.,which is an iron post 1 in. in diam.12 ins. above ground, firmly set.,marked and witnessed as described by the surveyor general.

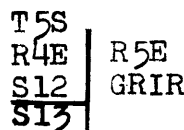
I change this cor.to refer to sec. 12 only,and markings on brass cap to read as follows;



1916

80.00 Intersect the cor. of secs.7,12,13,and 18,established by John F Hesse,U.S.Surveyor,under group No.57 Arizona, which is an iron post 3 ins. in diam.12 ins. above ground,firmly set.,marked and witnessed as described by the surveyor general.

I change this cor. to a cor. of secs .12 and 13 only and markings on brass cap to read as follows;



1916

Destroy the sec. numbers on the bearing trees E.of line

98

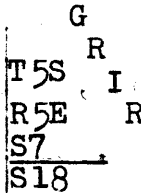
Resurvey of
West boundary of T 5 S., R 5 E.

(which is also part of the W. bdy. of the Gila River Indian Reservation)

Chains

86.35

Set an iron post 3 ft. long, 3 ins. in diam. 24 ins. in the ground for cor. of secs. 7 and 18, T5S., R5E., and angle point on the Reservation bdy., marked on brass cap



1919

A palo fierro 10 ins. in diam. bears $S7\frac{1}{2}^{\circ}E$ 188 lks. dist., marked T5S., R5E., S18 BT.

A palo fierro 20 ins. in diam. bears $N65^{\circ}E$ 296 lks. dist., marked T5S., R5E., S7 BT

Land level

Soil sandy, 2nd. rate.

Undergrowth, dense greasewood.

Timber palo fierro.

The South boundary of the Gila River Indian Reservation

in T 5 S., R 6 E.

Chains

Survey executed by Guy P. Harrington, U.S. Surveyor
Beginning at the cor. of secs. 7 and 12 on W. bdy. of Tpt.
described on page 6 of this book.

I run
N 89° 54' E. on a true line along the S. bdy. of sec. 7.
Over slightly broken land, through scattering undergrowth
of greasewood, cactus, and palo verde

31.10

Intersect the 1/4 sec. cor. of secs. 7 and 18., previously
described.

I change this cor. to a quarter sec. cor. of sec. 18 only
as follows; change the marking on iron post to read

1/4 S18
1916

Destroy the earth mound N. of cor., and re-dig the pits
18x18x12 ins. E. and W. of post 3 ft. dist.

Thence I run
East on true line

39.79

Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cor. of sec. 7., with brass cap
mkd.

GRIR
1/4 S7

1911

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

55.50

Dim road, bears NE. and SW.

71.10

Intersect the cor. of secs. 7, 8, 17, and 18., reestablished
by J.F. Hesse, U.S. Surveyor, under Group No. 57 Arizona.,
which is an iron post 2 ins. in diam. 12 ins. above
ground, firmly set., marked and witnessed as described
by the surveyor general.

I change this cor. to a cor. of secs. 17 and 18 only., as
follows; change the markings on the iron post to read

S 7
S18 S17
T5S R6E
1916

The South boundary of the Gila River Indian Reservation

in T 5 S., R 6 E.

Chains

Destroy the earth mound W. of cor. and fill the NE. and NW. pits and re-dig pits 18x18x12 ins. in the secs. SE. and SW. of post $5\frac{1}{2}$ ft. dist.

Thence, I run, continuing measurement,

N 89°26'E on true line

79.70

Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for cor. of secs. 7 and 8, with brass cap stamped

GRIR	
T5S	R6E
S7	S8
1911	

Dig pits 18x18x12 ins. in each sec. NE. and NW. of post $5\frac{1}{2}$ ft. dist.

Land rolling and level.

Soil sandy and gravelly, 1st. and 2nd. rate.

Undergrowth of greasewood, mesquite, and palo verde.

N 89°26'E on a true line along the S. bdy. of sec. 8.

Over level land, through dense undergrowth of greasewood, palo verde, and mesquite.

31.34

Intersect the $\frac{1}{4}$ sec. cor. of secs. 8 and 17., reestablished by J.F. Hesse, U.S. Surveyor, under Group No. 57, Arizona., which is an iron post 1 in. in diam. 12 ins. above ground, firmly set., marked and witnessed as described by the surveyor general.

I change this cor. to a quarter sec. cor. of sec. 17 only. as follows; change the marking on the iron post to read

$\frac{1}{4}$ S17
1916

Destroy the earth mound N. of cor., and re-dig the pits 18x18x12 ins. E. and W. of post 3 ft. dist.

39.60

Road, bears NE. and SW.

40.00

Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 8., with brass cap mkd.

Resurvey of
The South boundary of the Gila River Indian Reservation
in T 5 S., R 6 E.

Chains

GRIR
1/4 S8
1911

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

57.60 Dry sand wash, course SW.

71.40 Intersect the cor. of secs. 8, 9, 16, and 17., reestablished by J.F.Hesse, U.S. Surveyor, under Group No. 57 Arizona, which is an iron post 2 ins. in diam. 12 ins. above ground, firmly set., marked and witnessed as described by the surveyor general

I change this cor. to a cor. of secs. 16 and 17 only as follows; change the marking on the iron post to read

S 8
S17 | S16
T5S | R6E
1916

Destroy the earth mound W. of cor. fill the pits NE. and NW. of post and re-dig pits 18x18x12 ins. in secs. SE. and SW. of post 5 1/2 ft. dist.

Thence I run, continuing measurement,

S 89° 52' E. on true line

80.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins in the ground for cor. of secs. 8 and 9., with brass cap mkd.

GRIR
T5S | R6E
S8 | S9

1911

Dig pits 18x18x12 ins. in each sec. NE. and NW. of post 5 1/2 ft. dist.

Soil sandy and gravelly, 2 nd. rate.

No timber.

Undergrowth, greasewood and palo verde.

S 89° 52' E. on true line along the S. bdy. of sec. 9.

Over level land, through dense undergrowth of greasewood and palo verde.

Resurvey of

The South boundary of the Gila River Indian Reservation

in T 5 S., R 6 E.

Chains

24.70 Road, bears N. and S.

31.68 Intersect the $\frac{1}{4}$ sec. cor. of secs. 9 and 16., reestablished by J.F.Hesse, U.S. Surveyor, under Group No. 57 Arizona. which is an iron post 1 in. in diam. 12 ins. above ground, firmly set., marked and witnessed as described by the surveyor general.

I change this cor. to a quarter sec. cor. of sec. 16 only as follows; change the markings on the iron post to read

$\frac{1}{4}$ S16
1916

Destroy the earth mound N. of cor., and re-dig the pits 18x18x12 ins. E. and W. of post 3 ft. dist.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 9., with brass cap mkd.

GRIR
 $\frac{1}{4}$ S9

1911

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

47.18 Sand wash 10 lks. wide, course SW.

57.28 Sand wash 20 lks. wide, course SW.

71.99 Intersect the cor. of secs. 9, 10, 15, and 16., reestablished by J.F.Hesse, U.S. Surveyor, under Group No. 57 Arizona., which is an iron post 2 ins. in diam. 12 ins. above ground, firmly set., marked and witnessed as described by the surveyor general.

I change this cor. to a cor. of secs. 15 and 16 only. as follows; change the marking on the iron post to read

S9
S16 | S15
T5S | R6E
1916

A palo verde, (original tree), 5 ins. in diam. bears S34°E. 221 lks. dist., mkd. T5SR6E S15BT.

A palo verde, (original tree), 5 ins. in diam. bears S45 $\frac{1}{4}$ °W.

Resurvey of
The South boundary of the Gila River Indian Reservation
in T 5 S., R 6 E

Chains

204 lks. dist., markd. T5SR6ES16BT.

Obliterate the marks on the bearing trees referring to
secs. 9 and 10.

Thence I run, continuing measurement,

N 89° 56' E. on true line

80.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the
ground for cor. of secs. 9 and 10., with brass cap
mkd.

GRIR

T5S	R6E
S9	S10

1911

A palo verde 6 ins. in diam. bears N16° E. 180 lks. dist.,
marked T5S., R6E., S10 BT.

A palo verde 18 ins. in diam. bears N47½° W. 61 lks. dist.,
marked T5S., R6E., S9 BT.

Land level and rolling.

Soil sandy and gravelly 1st. and 2nd. rate.

Timber palo verde, palo fierre, and mesquite.

Undergrowth of greasewood and palo verde.

N 89° 56' E. on true line along the S. bdy. of sec. 10.

Over level and rolling land, through dense undergrowth of
greasewood and palo verde.

7.00 Begin ascent over W. slope of ridge.

11.00 Top of ridge, bears NE. and SW. descend.

16.00 Foot of descent from ridge, 80 ft. below top, thence over
level land.

32.07 Intersect the ¼ sec. cor. of secs. 10 and 15., reestablished
by J. F. Hesse, U. S. Surveyor, under Group No. 57 Arizona.,
which is an iron post 1 in. in diam. 12 ins. above
ground, firmly set., marked and witnessed as described
by the surveyor general.

The South boundary of the Gila River Indian Reservation

in T 5 S., R 6 E.

Chains

I change this cor. to a quarter sec. cor. of sec. 15 only as follows; change the markings on the iron post to read

$\frac{1}{4}$ S15

1916

Destroy the earth mound N. of cor. and re-dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.

40.00

Set an iron post 3 ft. long, 1 in. in diam. 26 ins in the ground for $\frac{1}{4}$ sec. cor. of sec. 10., with brass cap mkd.

GRIR
 $\frac{1}{4}$ S10

1911

A palo verde 6 ins. in diam. bears N65° E. 42 lks. dist., marked $\frac{1}{4}$ S10 BT.

46.00

Sand wash 10 lks. wide course S.

57.57

Sand wash 15 lks. wide, course SW.

63.77

Read, bears N. and S.

72.19

Intersect the cor. of secs. 10, 11, 14, and 15., reestablished by J.F.Hesse, U.S. Surveyor, under Group No. 57 Arizona., which is an iron post 2 ins. in diam. 12 ins. above ground, firmly set., marked and witnessed as described by the surveyor general

I change this cor. to a cor. of secs. 14 and 15 only. as follows; change the marking on the iron post to read

$\frac{1}{4}$ S 10
S15 | S14
T5S | R6E
1916

A palo fierro, (original tree), 6 ins. in diam. bears S30 $\frac{3}{4}$ ° E. 107 lks. dist., marked T5S., R6E., S14 BT.

A palo fierro 10 ins. in diam. bears S34° W. 281 lks. dist., marked T5S., R6E., S15 BT.

Obliterate the marks on the bearing trees which refer to secs. 10 and 11.

Chains

Thence I run, continuing measurement,

S 89°14'E on true line

80.00

Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for cor. of secs. 10 and 11., with brass cap mkd.

GRIR	
T5S	R6E
S10	S11

1911

A palo fierro 10 ins. in diam. bears N 31° E. 327 lks. dist., mkd. T5S., R6E., S11 BT.

A palo fierro 8 ins. in diam., bears N 38° W. 174 lks. dist., mkd. T5S., R6E., S10 BT.

Land level rolling and mountainous.

Soil sandy and stony 1st., 2nd., and 3rd. rate.

Timber palo verde, palo fierro, and mesquite.

Undergrowth of greasewood, palo verde, and palo fierro.

S 89°14'E on a true line along the S. bdy. of sec. 11.

Over level land, through greasewood brush undergrowth.

9.29

Road, bears NW. and SE.

18.89

Sand wash 20 lks. wide, course SW.

32.48

Intersect the 1/4 sec. cor. of secs. 11 and 14., reestablish-

ed by J.F.Hesse, U.S. Surveyor, under Group No. 57 Ariz.,

which is an iron post 1 in. in diam. 12 ins. above ground, firmly set., marked and witnessed as described by the surveyor general.

I change this cor. to a quarter sec. cor. of sec. 14, only,

as follows; change the marking on the iron post to read

1/4 S14
1916

A palo fierro, (originl. tree) 6 ins. in diam. bears S 15 1/2° E

147 lks. dist., marked 1/4 S14 BT.

Obliterate the marks on the bearing tree referring to sec. 11

The South boundary of the Gila River Indian Reservation

in T 5 S., R 6 E

Chains

36.69 Sand wash, 20 lks. wide, course SW.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. of sec. 11 with brass cap mkd.

GRIR
1/4 S11

1911

A palo fierro 10 ins. in diam. bears N18°W. 207 lks. dist., marked 1/4 S11 BT.

42.53 Road, bears NE. and SW.

46.48 Sand wash, 20 lks. wide. course SW.

52.48 Sand wash, 20 lks. wide, course SW.

59.98 Sand wash 10 lks. wide, course SW.

62.23 Sand wash 10 lks. wide. course SW.

72.80 Intersect the cor. of secs. 11, 12, 13, and 14., reestablished by J.F.Hesse, U.S. Surveyor, under Group No. 57 Arizona., which is an iron post 2 ins. in diam. 12 ins. above ground, firmly set., marked and witnessed as described by the surveyor general.

I change this cor. to a cor. of secs. 13 and 14 only as follows; change the marking on the iron post to read

S11
S14 | S13
T5S | R6E

1916.

Destroy the earth mound W. of cor., fill the pits NE. and NW. of cor., and re-dig pits 18x18x12 ins. in each sec. SE. and SW. of post 5 1/2 ft. dist.

Thence I run, continuing measurement, S 89°02'E. on true line

80.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for cor. of secs. 11 and 12, with brass cap mkd.

GRIR
T5S R6E
S11 S12

1911

A palo fierro .14 ins. in diam. bears N70 3/4°E. 254 lks. dist.,

Resurvey of
The South Boundary of the Gila River Indian Reservation
in T. 5 S., R. 6 E.

Chains	<p>marked T 5 S R 6 E S 12 BT</p> <p>A palo verde 8 ins. in diam. bears N. 75$\frac{1}{2}$° W., 257 lks. dist., marked T 5 S R 6 E S 11 BT.</p> <p>Land level and rolling.</p> <p>Soil sandy 1st and 2nd rate.</p> <p>Timber palo verde, and palo fierro.</p> <p>Undergrowth of greasewood.</p>
2.55	Sand wash 15 lks. wide, course SW.
9.30	Sand wash, 15 lks. wide, course SW.
27.85	Road, bears NE. and SW.
32.94	<p>Intersect the $\frac{1}{4}$ sec. cor. bet. secs. 12 and 13, reestablished by J. F. Hesse, U. S. Surveyor, under Group No. 57 Arizona, which is an iron post 1 in. in diam. 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.</p> <p>I change this cor. to a quarter sec. cor. of sec. 13 only as follows; change the markings on the iron post to read</p> <p style="text-align: center;"><u>$\frac{1}{4}$ S 13</u></p> <p style="text-align: center;">1916</p> <p>A palo fierro 12 ins. in diam. bears S. 52$\frac{1}{2}$° E., 206 lks. dist. marked $\frac{1}{4}$ S 13 BT.</p> <p>Obliterate the marks on the bearing tree referring to sec. 12.</p>
40.00	<p>Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. of sec. 12, with brass cap mkd.</p> <p style="text-align: center;">GRIR <u>$\frac{1}{4}$ S 12</u></p> <p style="text-align: center;">1911</p> <p>A palo fierro 5 ins. in diam. bears N. 44° W., 80 lks. dist., mkd. $\frac{1}{4}$ S 12 BT.</p>
45.49	Sand wash 15 lks. wide, course SW.
57.24	Sand wash 20 lks. wide, course SW.

Resurvey of
The South Boundary of the Gila River Indian Reservation
in T. 5 S., R. 6 E.

Chains

69.34 Top of ridge, bears N. and S.

72.44 Sand wash 40 lks. wide, course SW.

73.10 Intersect the cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp. reestablished by J. F. Hesse, U. S. Surveyor, under Group No. 57, Arizona, which is an iron post, 3 ins. in diam. 12 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. (This cor. now becomes an angle point on the Reservation boundary).

I change this cor. to a cor. of secs. 13 and 18 only, as follows:

$$\begin{array}{c} \text{S } 12 \\ \hline \text{S } 13 : \text{S } 18 \\ \text{R } 6 \text{ E} : \text{R } 7 \text{ E} \\ \text{T } 5 \text{ S} \end{array}$$

1916

A palo fierro 8 ins. in diam. bears S. 38° E., 399 lks. dist., marked T 5 S R 7 E S 18 BT.

A palo verde 5 ins. in diam. bears S 39 $\frac{1}{4}$ ° W. 190 lks. dist., marked T 5 S R 6 E S 13 BT.

Obliterate the marks on the bearing trees which refer to secs. 7 and 12.

Thence I run, continuing measurement,

N. 89° 18' E., on true line

80.00 Intersect a point, South 190.23 chs. of the cor. of Tps. 4 and 5 S., Rs. 6 and 7 E., previously described, where I set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for cor. of secs. 7 and 12, on the bdy. between T. 5 S., Rs. 6 and 7 E., with brass cap stamped

$$\begin{array}{c} \text{T } 5 \text{ S} \\ \hline \text{R } 6 \text{ E} : \text{R } 7 \text{ E} \\ \text{S } 12 : \text{S } 7 \end{array}$$

1911

6 notches on E. and W. edges.

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

Land broken and mountainous.

Soil, stony, 3rd rate.

Scattering brush of palo verde, palo fierro, and greasewood.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,
....., U. S. Surveyor, during the periods and in the capacities
stated opposite our several signatures, in surveying all those parts or portions of

For list of assistants see book "A" (T. L. N., R. L. E.)

of the Meridian, in the State of
which are represented in the foregoing field notes as having been executed by him, and under his direc-
tion; and that said survey has been, in all respects, to the best of our knowledge and belief, well and
faithfully executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	

Subscribed and certified to before me on the dates of the final service as shown above.

.....
U. S. Surveyor.

110
22
BOOK 3388

FINAL OATH OF UNITED STATES SURVEYOR.

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, 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 all those parts or portions of _____

for Oath of U.S. Cadastral Engineer, see Book "A"
(T. 1 N., R. 1 E.)

_____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

_____ *May 19* _____, 1920.

The foregoing field notes of the survey of part of the West boundary of T. 5 S., R. 5 E., and the South Boundary of the Gila River Indian Reservation in T. 5 S., Rs. 5 & 6 E.

executed by Guy P. Harrington U.S. Cadastral Engineer under his special instructions dated September 20, 1919, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank D. Frost

U. S. Surveyor General.

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.

XXXXXXXXXXXXXXXXXXXX

U. S. Surveyor General.