

2452

BOOK 2452

FIELD NOTES

FEB 4 - 1914

OF THE SURVEY OF THE

Subdivision Lines of

Frac. TOWNSHIP 10 NORTH RANGE 19 WEST

Within the Colorado River Indian Reservation.

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, under instructions dated Nov. 23, 1910,

Commissioner of the General Land Office to A. F. Dunnington
issued by the ~~United States Surveyor General to govern surveys included in~~
Topographer in Charge

~~Group No.~~, which were approved by the Commissioner of the General Land

~~Office,~~ 191, pursuant to authority contained in the Act of

~~Congress dated~~, 191

Survey commenced December 29, 1911

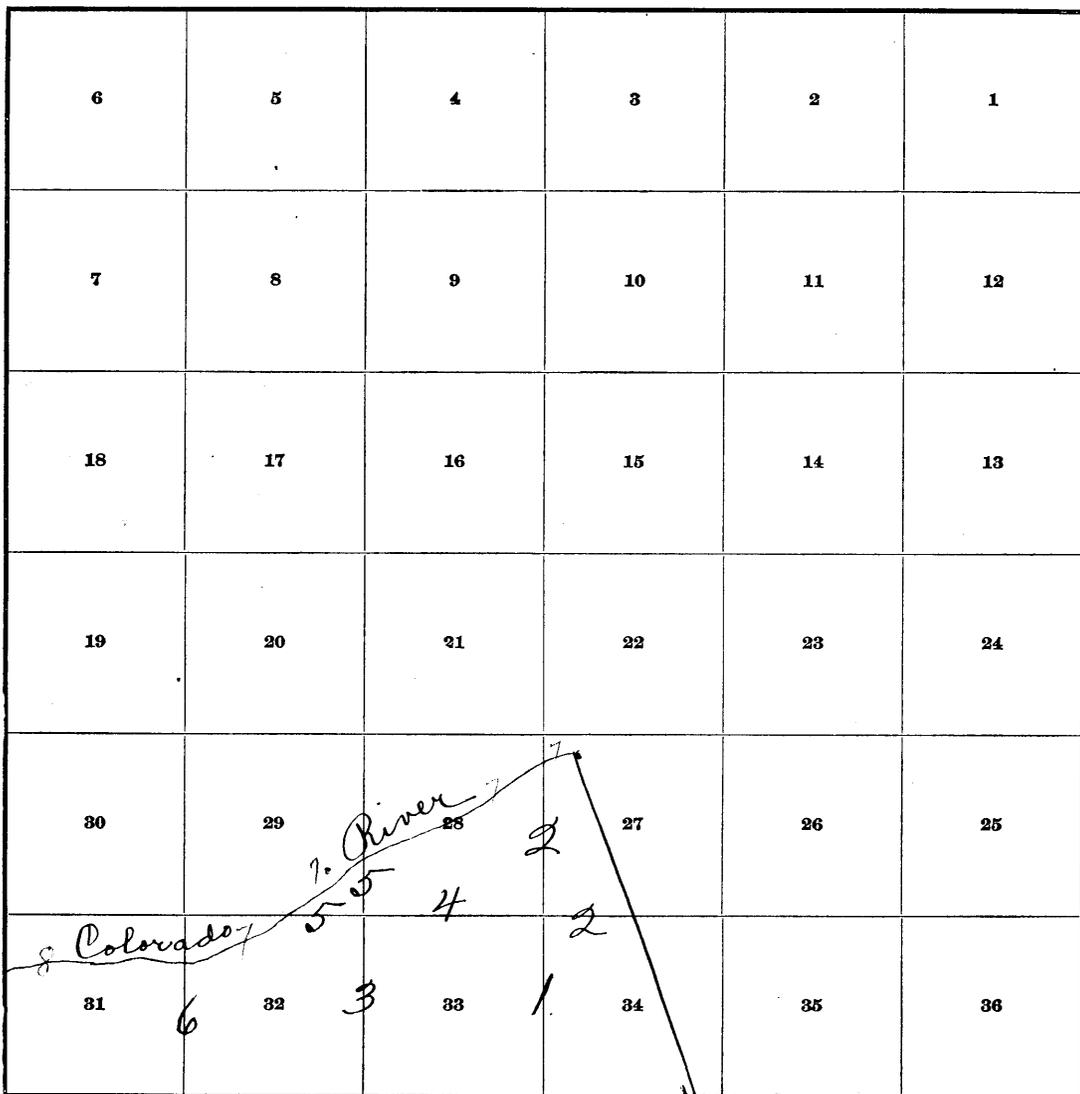
Survey completed December 29, 1911

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BOOK 2452

INDEX DIAGRAM.

Frac. Township 10 North, Range 19 West.



Meanders of Colorado River, Pages 7 & 8.

Subdivision of frac. T. 10 N., R. 19 W.

Chains

Survey commenced Dec. 29, 1911, by Guy P. Harrington, U. S. Surveyor, and executed with Young & Sons light mountain transits, Nos. 8388 & 8394, with solar attachments. The horizontal limbs are provided with two double verniers placed opposite each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The iron posts used in this survey, unless otherwise described, are 3 ft. long, 1 inch in diameter, and are set 26 ins. in the ground. The posts are pointed and driven, filled with cement, and fitted with brass caps.

For Polaris observation, see field notes of T. 9 N., R. 20 W.

The SW. cor. of this Tp. is in Lat. $34^{\circ}09'30''$ N.; Long. $114^{\circ}16'50''$ W.

Dec. 29, 1911. At 8.30 a.m., l.m.t., I set off $34^{\circ}09\frac{1}{2}'$ on the lat. arc, $23^{\circ}12\frac{1}{4}'$ S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp.

Thence I run

N. $0^{\circ}02'$ W. bet. secs. 33 and 34.

Over rolling mesa land.

15.00 Wash, course N. 45° E.

20.50 Wash, course N. 30° E.

23.75 Wash, course N. 65° W.

26.00 Wash, course N. 65° W.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 33 and 34, with brass cap stamped

$\frac{1}{4}$ S 33 in W. half
S 34 in E. half
1911 in S.

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

59.00 Enter arroyo, course NW.

79.00 Leave arroyo, course NW.

80.00 Set an iron post for the cor. of secs. 27, 28, 33 and 34,

Subdivision of frac. T. 10 N., R. 19 W.

Chains

with brass cap stamped

T 10 N S 27 in NE. quadrant
 R 19 W S 34 in SE. quadrant
 S 33 in SW. quadrant
 S 28 in NW. quadrant

1911 in S.
 1 notch on S. and 3 notches on E. edges

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

Land, rolling, broken, - grazing.
 Soil, sandy and stony, 2nd rate.

From the cor. of secs. 27, 28, 33 and 34, I run
 East on a true line bet. secs. 27 and 34.

Over rolling land.

38.13 Intersect the E. bdy. of Colorado River Indian Reservation

13.30 chs. S. 13° 03' E. of the 50 Mile Post.

Set an iron post for C.C. of secs. 27 and 34, with brass cap stamped

P L in E.
 C C C R I R in W.
 T 10 N S 34 in SW. quadrant
 R 19 W S 27 in NW. quadrant
 1911 in S.

1 notch on S. and 5 notches on N. edges

Dig pits 24x18x12 ins. crosswise on each line NW. and SE., 3 ft., and W. of cor. 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of post.

Land, rolling, and broken, - grazing.
 Soil, sandy, 2nd rate.

From the cor. of secs. 27, 28, 33 and 34, I run
 N. 0° 02' W. bet. secs. 27 and 28.

Over rolling land.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 27 and

28, with brass cap stamped

¼ S 28 in W. half
 S 27 in E. half
 1911 in S.

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

Subdivision of frac. T. 10 N., R. 19 W.

Chains

53.90 Telephone line, brs. N. 70° E. and S. 70° W.

54.00 Road, brs. N. and W.

61.27 Left bank of Colorado River, course S. 45° W.

Set an iron post for M.C. of frac. secs. 27 and 28, with
brass cap stamped

M C in N. half
T 10 N S 28 in SW. quadrant
R 19 W S 27 in SE. quadrant
1911 in S.
3 notches on E. edge

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

Land, rolling, - grazing.
Soil, sandy and stony, 2nd rate.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp.

I run

N. 0° 02' W. bet. secs. 32 and 33.

Over rolling land.

From the cor., monument peak brs. N. 1° 43' E.; monument
on Black Mountain brs. S. 43° 53' E.; the highest peak
on Riverside Mountain, brs. S. 56° 31' W.

10.00 Wash, course N. 45° W.

18.00 Wash, course N. 75° W.

27.00 Wash, course N. 45° W.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 32 and
33, with brass cap stamped

¼ S 32 in W. half
S 33 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,
and raise a mound of earth 3½ ft. base, 1½ ft. high,
W. of cor.

42.00 Small wash, course W.

45.00 Wash, course N. 65° W.

50.25 Wash, course S. 85° W.

65.25 Wash, course N. 80° E.

70.50 Wash, course E.

Subdivision of frac. T. 10 N., R. 19 W.

Chains

76.50 Leave mesa. Enter river bottom.

80.00 Set an iron post for the cor. of secs. 28, 29, 32 and 33,
with brass cap stamped

T 10 N S 28 in NE. quadrant
R 19 W S 33 in SE. quadrant
S 32 in SW. quadrant
S 29 in NW. quadrant
1911 in S.
1 notch on S. and 4 notches on E. edge

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, rolling and broken, - grazing.
Soil, sandy, 2nd rate.

From the cor. of secs. 28, 29, 32 and 33, I run
East on a random line bet. secs. 28 and 33.

40.00 Set temp. ¼ sec. cor.

80.18 Falls 2 lks. N. of the cor. of secs. 27, 28, 33 and 34.
Thence I run
N. 89° 59' W. on a true line bet. secs. 28 and 33.
Over rolling land.

9.25 Enter arroyo, course S. 80° W.

38.00 Leave arroyo, brs. S. 85° W.

40.09 Set an iron post for the ¼ sec. cor. bet. secs. 28 and 33,
with brass cap stamped

¼ S 28 in N. half
S 33 1912 in S. half

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,
and raise a mound of earth 3½ ft. base, 1½ ft. high,
N. of cor.

42.00 Leave mesa; enter river bottom, brs. NE. and SW.

70.00 Leave river bottom; ascend sand hill, brs. NE. and SW.

72.00 Top of sand hill; thence descend to river bottom, brs.
NE. and SW.

74.00 Enter river bottom, brs. NE. and SW.

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

Subdivision of frac. T. 10 N., R. 19 W.

Chains

Land, rolling and broken, - grazing.
Soil, sandy, 2nd rate.

From the cor. of secs. 28, 29, 32 and 33, I run
N. 0° 02' W. bet. secs. 28 and 29.

Over level river bottom, through scattering brush.

4.00 Telephone line, brs. N. 75° E. and S. 75° W.

4.45 Road, brs. N. 75° E. and S. 75° W.

6.55 Left bank of Colorado River, course S. 75° W.

Set an iron post for M.C. of frac. secs. 28 and 29, with
brass cap stamped

M C in N. half
T 10 N S 29 in SW. quadrant
R 19 W S 28 in SE. quadrant
1911 in S.
4 notches on E. edge

Dig a pit 36x36x12 ins. 8 ft. S. of cor., and raise a
mound of earth 4 ft. base, 2 ft. high, S. of post.

Land, level, - grazing.
Soil, sandy, 2nd rate.
Scattering mesquite and arrow weed.

From the cor. of secs. 28, 29, 32 and 33, I run

West on a true line bet. secs. 29 and 32.

Over level river bottom, through scattering brush.

3.54 Head Gate Rock, brs. S. 83° 31' W.

8.00 Telephone line, brs. N. 60° E. and S. 60° W.

8.35 Road, brs. N. 60° E. and S. 60° W.

10.00 Left bank of Colorado River, course S. 75° W.

Set an iron post for M.C. of frac. secs. 29 and 32, with
brass cap stamped

M C in W. half
T 10 N S 29 in NE. quadrant
R 19 W S 32 in SE. quadrant
1911 in S.
1 notch on S. edge

Dig a pit 36x36x12 ins. 8 ft. E. of post, and raise a
mound of earth 4 ft. base, 2 ft. high, E. of cor.

Land, level, - grazing.
Soil, sandy, 2nd rate.
Scattering mesquite and arrow weed.

Subdivision of frac. T. 10 N., R. 19 W.

Chains

From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp.,
I run

N. 0° 03' W. bet. secs. 31 and 32.

Over rolling land.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 32,
with brass cap stamped

$\frac{1}{4}$ S 31 in W. half
S 32 in E. half
1911 in S.

Dig pits 18x18x12 ins. N. and S. of cor. 3 ft. dist.,
and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

44.85 Telephone line, brs. N. 60° E. and S. 60° W.

44.87 Monument Peak, brs. N. 5° 28' E.

Monument on Black Mountain, brs. S. 48° 14' E.

Head Gate Rock, brs. N. 50° 34' W.

Monument on highest peak of Riverside Range, brs. S. 57°
54' W.

Monument of second highest peak of Riverside Range, brs.
S. 53° 12' W.

52.00 Enter river bottom, brs. NE. and SW.

54.35 Road, brs. N. 75° E. and S. 75° W.

57.30 Left bank of Colorado River, course S. 75° W.

Set an iron post for M.C. of frac. secs. 31 and 32, with
brass cap stamped

M C in N. half
T 10 N S 31 in SW. quadrant
R 19 W S 32 in SE. quadrant
1911 in S.
5 notches on E. edge

Dig a pit 36x36x12 ins. 8 ft. S. of cor., and raise a
mound of earth 4 ft. base, 2 ft. high, S. of post.

Land, rolling, - grazing.
Soil, sandy, 2nd rate.

Meanders of frac. T. 10 N., R. 19 W.

Chains

Meanders of Left Bank of Colorado River,
down stream.

From the M.C. on Reservation bdy., I run with meanders
in sec. 27.

Over rolling land, through scattering brush.

- S. 78° 15' W. 3.15 chs.
- S. 68° 30' W. 2.05 "
- S. 48° 30' W. 5.30 "
- S. 85° 15' W. 6.00 "
- S. 80° 30' W. 3.50 "
- S. 24° 45' W. 3.40 "
- S. 89° 45' W. 2.00 " To the M.C. of frac. secs. 27
and 28.

Land, rolling, - grazing.
Soil, sandy, 2nd rate.
Scattering willow brush.

Thence in sec. 28.

Ascending bluff.

- N. 83° 15' W. 1.68 chs. Top of ascent. Thence along
bluff.
- S. 62° 30' W. 7.75 " At end of course, begin desc.
to river bottom.
- S. 67° 30' W. 10.10 " At 3.50 chs. - Enter river
bottom.
- S. 58° 00' W. 5.45 "
- S. 50° 15' W. 26.80 "
- S. 47° 30' W. 7.75 "
- S. 43° 45' W. 13.40 "
- S. 73° 45' W. 8.00 "
- S. 54° 30' W. 17.79 " To M.C. of secs. 28 and 29.

Land, rolling, - grazing.
Soil, sandy, 2nd rate.
Scattering brush.

Thence in sec. 29.

Over level river bottom.

- S. 54° 00' W. 9.70 chs.
- S. 68° 41' W. 2.31 " To M.C. of secs. 29 and 32.

Land, level river bottom, - grazing.
Soil, sandy, 2nd rate.

Thence in sec. 32.

Over river bottom.

- S. 66° 00' W. 7.20 chs.

Meanders of frag. T. 10 N., R. 19 W.

Chains

S. 76° 00' W. 9.25 chs.
 S. 71° 15' W. 7.95 "
 S. 73° 45' W. 18.25 "
 S. 71° 15' W. 27.35 "
 S. 72° 56' W. 3.69 " To M.C. of secs. 31 and 32.

Land, level river bottom, - grazing.
 Soil, sandy, 2nd rate.

Thence in sec. 31.

Over level river bottom.

S. 74° 00' W. 5.65 chs.
 S. 77° 00' W. 9.55 "
 N. 76° 00' W. 7.20 "
 N. 69° 00' W. 8.40 "
 N. 21° 00' W. 5.70 " → Summit of headgate rock, brs.
 N. 48° 00' W. 1.90 " N. 60° E. and S. 60° W.
 S. 70° 30' W. 8.30 "
 S. 51° 30' W. 3.05 "
 S. 74° 30' W. 8.60 "
 S. 60° 15' W. 5.00 "
 S. 35° 30' W. 1.80 "
 S. 59° 15' W. 7.95 "
 S. 59° 30' W. 8.50 "
 S. 48° 00' W. 10.65 "
 S. 84° 35' W. 0.42 " To M.C. of secs. 31 and 36 on
 W. bdy. of Tp.

Land, level, - grazing.
 Soil, sandy, 2nd rate.

Meanders of Island.

From M.C. on N. bank of Island, 51.05 chs. N. of the cor.
 of Tps. 9 and 10 N., Rgs. 19 and 20 W.,

I run with meanders of Island in sec. 31.

Over level land, through dense brush.

N. 68° 45' N., 1.60 chs.
 S. 58° 15' E. 2.00 "
 S. 41° 00' W., 4.83 " To M.C. bet. secs. 31 and 36,
 on S. side of Island, 46.95
 chs. N. of the cor. of Tps.
 9 and 10 N., Rgs. 19 and 20 W.

Land, level.
 Soil, sandy, 1st rate.
 Timber, cottonwood.
 Brush, arrow weed.

Dec. 29, 1911.

Meanders of frac. T. 10 N., R. 19 W.

GENERAL DESCRIPTION.

This township consists of rolling mesa land, with a narrow strip of river bottom. The mesa land has good soil and would be valuable for agriculture if water could be obtained at its elevation for irrigation.

~~Parker Townsite cuts into Sec. 21.~~

GUY P. HARRINGTON
U.S. Surveyor.

List of Assistants.

- A. O. Stinson (
- E. G. Harrington) Transitmen
- C. A. Simpson (
- R. P. Duffy) Chainmen
- L. G. Hurst (
- Wm. Cort)
- J. W. Rodgers (
- Clifford Mc Laughlin) Moundsmen
- Leonard Blodgett (
- W. J. Walsh) Flagmen
- Charles Bowman (
- W. E. Rose) Axemen
- E. W. Hoagland (

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,
Guy P. Harrington....., U. S. Surveyor, during the periods and in the capacities
 stated opposite our several signatures, in surveying all those parts or portions of **Frac. T. 10 N.,**
R. 19 W., within the Colorado River Indian Reservation.....

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 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.	
A. O. Stinson	Nov. 1, 1911	April 1, 1912	Instrumentman
E. G. Harrington	"	"	"
C. A. Simpson	"	"	Chainman
R. P. Duffy	"	"	"
L. G. Hurst	"	Feb. 27, 1912	"
William Cert.	"	"	"
J. W. Rodgers	"	April 1, 1912	Moundsman
Clifford Mc Laughlin	"	"	"
Leonard Blodgett	"	"	Flagman
W. J. Walsh	"	"	"
Charles Bowman	"	"	Axman
W. E. Ross	"	"	"
E. W. Hoagland	"	"	"

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

Guy P. Harrington

U. S. Surveyor.

10A

Original Oath filed with Book "A" of subdivision.

BOOK 2452

FINAL OATH OF UNITED STATES SURVEYOR.

I, Guy P. Harrington, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the Commissioner of the General Land Office to A. F. Dunnington, Topographer in Charge bearing date of the 23rd day of November, 1910, 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 the Colorado River Indian Reservation

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

Guy P. Harrington
U. S. Surveyor.

Subscribed by said Guy P. Harrington, and sworn to before me }
this 9th day of July, 1912.



Fred C. Voight
County Clerk and Ex-Officio
Clerk of the 4th Judicial
District Court of the State
of Nevada, in and for the
County of Elko.

APPROVAL.

Commissioner of the General Land Office
OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Washington, D.C., Nov. 24, 1913.

The foregoing field notes of the survey of Trac. T. 10 N., R. 19 W., within the Colorado River Indian Reservation, Arizona

executed by Guy P. Harrington, U.S. Surveyor, under direction of A. F. Dunnington, Topographer in Charge under his special instructions dated November 23, 1910, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) Gay Tallman

Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 10 N., R. 19 W., Arizona, has been correctly copied from the original notes on file in this office.

U. S. Surveyor General

Commissioner of the General Land Office

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Washington, D.C., *April 28* 1913.

I hereby certify that the survey of the subdivision lines of frac. T. 10 N., R. 19 W., within the Colorado River Indian Reservation, Arizona, was made under my direction and supervision, and to the best of my knowledge and belief the field work was executed in strict accordance with the special instructions given me, dated Nov. 23, 1910, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

A. F. Drumming

Topographer in Charge.