

2762

BOOK 2762

FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines of

TOWNSHIP 4 NORTH RANGE 20 WEST

Within the Colorado River Indian Reservation

Of the Gila & Salt River Meridian,

In the State of Arizona

EXECUTED BY

GUY P. HARRINGTON

In the capacity of U. S. Surveyor, under instructions dated Nov. 23, 1910,

issued by the United States Surveyor General to govern surveys included in

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

Office, to A. F. Dunnington, 191, pursuant to authority contained in the Act of
Topographer in Charge

Congress dated 191-

Survey commenced February 20, 1912

Survey completed February 20, 1912

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(1A)

BOOK

INDEX DIAGRAM.

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Subdivision of frac. T. 4 N., R. 20 W.

Survey commenced Feb. 20, 1912, 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 notes of T. 4 N., R. 22 W.)

Feb. 20, 1912. At 9 a.m., l.m.t., I set off 33° 38½' on the lat. arc, 11° 12½' S. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 25, 30, 31 and 36, on W. bdy. of Tp.

Thence I run

East on a true line bet. secs. 30 and 31.

Beginning ascent of high mountainous ridge.

7.25 Top of ascent on high ridge, brs. NW. and SE.

Thence descend.

26.95 Road, brs. NW. and SE.

29.15 Wash, course S. 20° E.

34.75 Wash, course S. 60° W.

39.17 Intersect the E. bdy. of the Colorado River Indian Reservation 33.90 chs. N. 1° 33' E. of the 12 Mile Post.

Set an iron post for C.C. of secs. 30 and 31, with brass cap stamped

PL in E.
CC CRIR in W.
T 4 N S 31 in SW. quadrant
R 20 W S 30 in NW. quadrant
1912 in S.
1 notch on S. and 5 notches on N. edge

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

Land, mountainous, - barren.
Soil, stony, 3rd rate.

Subdivision of frac. T.4 N., R. 20 W.

Chains

From the cor. of secs. 19, 24, 25 and 30, on W. bdy. of
Tp., I run

East on a true line bet. secs. 19 and 30.

Over mountainous land.

17.90 High ridge, brs. NW. and SE.

38.20 High rugged ridge, brs. NE. and SW.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 19 and
30, with brass cap stamped

$\frac{1}{4}$ S 19 in N. half
S 30 1912 in S. half

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

41.50 Intersect the E. bdy. of the Colorado River Indian Reser-
vation 14.19 chs. S. $1^{\circ} 33'$ W. of Angle Point No. 18
on top of La Paz Mountain.

Set an iron post for C.C. of frac. secs. 19 and 30, with
brass cap stamped

P L in E.
C C C R I R in W.
T 4 N S 30 in SW. quadrant
R 20 W S 19 in NW. quadrant
1912 in S.

2 notches on S. and 4 notches on N. edge

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

Land, mountainous, - barren.
Soil, stony, 3rd rate.

From the cor. of secs. 13, 18, 19 and 24, on W. bdy. of
Tp., I run

East on a true line bet. secs. 18 and 19.

Descend from ridge.

10.00 Wash, course N.

15.00 Wash, course N.

22.00 Wash, course N.

26.00 Low ridge, brs. N. and S.

37.00 Rocky gulch, course N.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 18 and
19, with brass cap stamped

Subdivision of frac. T. 4 N., R. 20 W.

Chains

$\frac{1}{4}$ S 18 in N. half
 S 19 1912 in S. half

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

44.50 High ridge, brs. N. and S.

49.45 Intersect the E. bdy. of the Colorado River Indian Reservation, 34.36 chs. N. $6^{\circ} 36'$ E. of the 14 Mile Post.

Set an iron post for C.C. of frac. secs. 18 and 19, with brass cap stamped

P L in E.
 C C C R I R in W.
 T 4 N S 19 in SW. quadrant
 R 20 W S 18 in NW. quadrant
 1912 in S.
 3 notches on N. and S. edges

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

Land, mountainous, - barren.
Soil, stony, 3rd rate.

From the cor. of secs. 7, 12, 13 and 18, on W. bdy. of Tp., I run

East on a true line bet. secs. 7 and 18.

Descending NE. slope of mountain ridge.

5.00 Bottom of descent on steep N. slope. Thence ascend spur.

9.00 Top of ascent on spur, brs. NE. and SW. Thence steep descent of SE. slope.

15.00 Bottom of descent. Enter arroyo, course N.

20.00 Leave arroyo, course N.

22.00 Low flat ridge, brs. N. and S.

27.00 Wash, course N.

35.00 Wash, course N.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 7 and 18, with brass cap stamped

$\frac{1}{4}$ S 7 in N. half
 S 18 1912 in S. half

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

44.00 Wash, course N.

55.00 Wash, course NW.

Subdivision of frac. T. 4 N., R. 20 W.

Chains

58.42 Intersect the E. bdy. of the Colorado River Indian Reservation, 34.65 chs. N. 6° 36' E. of the 15 Mile Post.
 Set an iron post for C.C. of frac. secs. 7 and 18, with brass cap stamped
 P L in E.
 C C C R I R in W.
 T 4 N S 18 in SW. quadrant
 R 20 W S 7 in NW. quadrant
 1912 in S.
 4 notches on S. and 2 notches on N. edge
 Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, mountainous and rolling.
 Soil, stony, 3rd rate.

 From the cor. of secs. 1, 6, 7 and 12, on W. bdy. of Tp., I run
 East on a true line bet. secs. 6 and 7.
 Over rolling land.

18.00 Enter arroyo, course N.
 25.00 Leave arroyo, course N.
 38.00 Wash, course N. 45° W.
 40.00 Set an iron post for the ¼ sec. cor. bet. secs. 6 and 7, with brass cap stamped
 ¼ S 6 in N. half
 S 7 1912 in S. half
 Build a mound of stone 2 ft. base, 1½ ft. high, N. of cor.

67.67 Intersect the E. bdy. of the Colorado River Indian Reservation 35.33 chs. N. 6° 36' E. of the 16 Mile Post.
 Set an iron post for C.C. of frac. secs. 6 and 7, with brass cap stamped
 P L in E.
 C C C R I R in W.
 T 4 N S 7 in SW. quadrant
 R 20 W S 6 in NW. quadrant
 1912 in S.
 5 notches on S. and 1 notch on N. edge
 Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling, - barren.
 Soil, stony and gravelly, 3rd rate.
 Scattering palo verde timber in arroyos.

Cloudy at Noon today; no observation for lat. Feb. 20, 1912.

Subdivision of frac. T. 4 N., R. 20 W.

Chains

GENERAL DESCRIPTION.

This township consists of rolling to mountainous land. The arroyos in some places contain a few scattering palo verde trees, and with this exception the entire township is devoid of vegetation.

Several mining claims have been located in secs. 30 and 31, but no mines have been developed.

GUY P. HARRINGTON
U.S. Surveyor.

- List of Assistants:
- Earl G. Harrington, Instrumentman
 - A. O. Stinson, Instrumentman
 - Louis G. Hurst, Chainman
 - Wm. Cort, Chainman
 - C. A. Simson, Chainman
 - R. P. Duffy, Chainman
 - J. W. Rodgers, Moundsman
 - Clifford Mc Laughlin, Moundsman
 - W. J. Walshe, Flagman
 - Leonard Blodgett, Flagman
 - W. E. Rose, Axman
 - Chas. W. Bowman, Axman
 - John Mc Alpin, Axman
 - R. W. Hoagland, Axman

Washington, D.C., *July 14* 1914.

I hereby certify that the survey of the subdivision lines of T. 4 N., R. 20 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 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. Dunnington

Topographer in Charge.

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 **T. 4 N., R. 20 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 direction; 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.	
Earl G. Harrington	Nov. 1, 1911	Apr. 1, 1912	Instrumentman
A. O. Stinson	do.	do.	do.
Louis G. Hurst	do.	Feb. 27, 1912	Chainman
Wm. Cort	do.	do.	do.
C. A. Simson	do.	Apr. 1, 1912	do.
R. P. Duffy	do.	do.	do.
J. W. Rodgers	do.	do.	Moundman
Clifford Mc Laughlin	do.	do.	do.
W. J. Walsh	do.	do.	Flagman
Leonard Blodgett	do.	do.	do.
W. E. Rose	do.	do.	Axman
Chas. W. Rowman	do.	do.	do.
John Mc Alpin	Jan. 1, 1912	do.	do.
E. W. Hoagland	Nov. 1, 1911	do.	do.

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

Guy P. Harrington

U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

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Guy P. Harrington, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the ~~U.S. Surveyor General for~~ **Commissioner of the General Land Office by A.F. Dunnington, Topographer in Charge** bearing date of the 23rd day of Nov., 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 and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and 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~~ **Commissioner of the General Land Office** 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., Dec. 6, 1915

The foregoing field notes of the survey of the subdivision of T. 4 N., R. 20 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 Nov. 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) Clay Fallman
~~U.S. Surveyor General~~
Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in Colorado
River Ind. Res'n, Ariz., has been correctly copied from the original notes on file in this office.

Clay Fallman
~~U.S. Surveyor General~~
Commissioner of the General Land Office