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BOOK 2454

FIELD NOTES

FEB 4- 1914

OF THE SURVEY OF THE

Subdivision and Meander Lines Of

Frac. TOWNSHIP 9 NORTH RANGE 21 WEST

Within the Colorado River Indian Reservation

Of the **Gila & 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,** 191**0,**

issued by the **Commissioner of the General Land Office to A.F. Dunnington,**

~~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 22,** 191**1.**

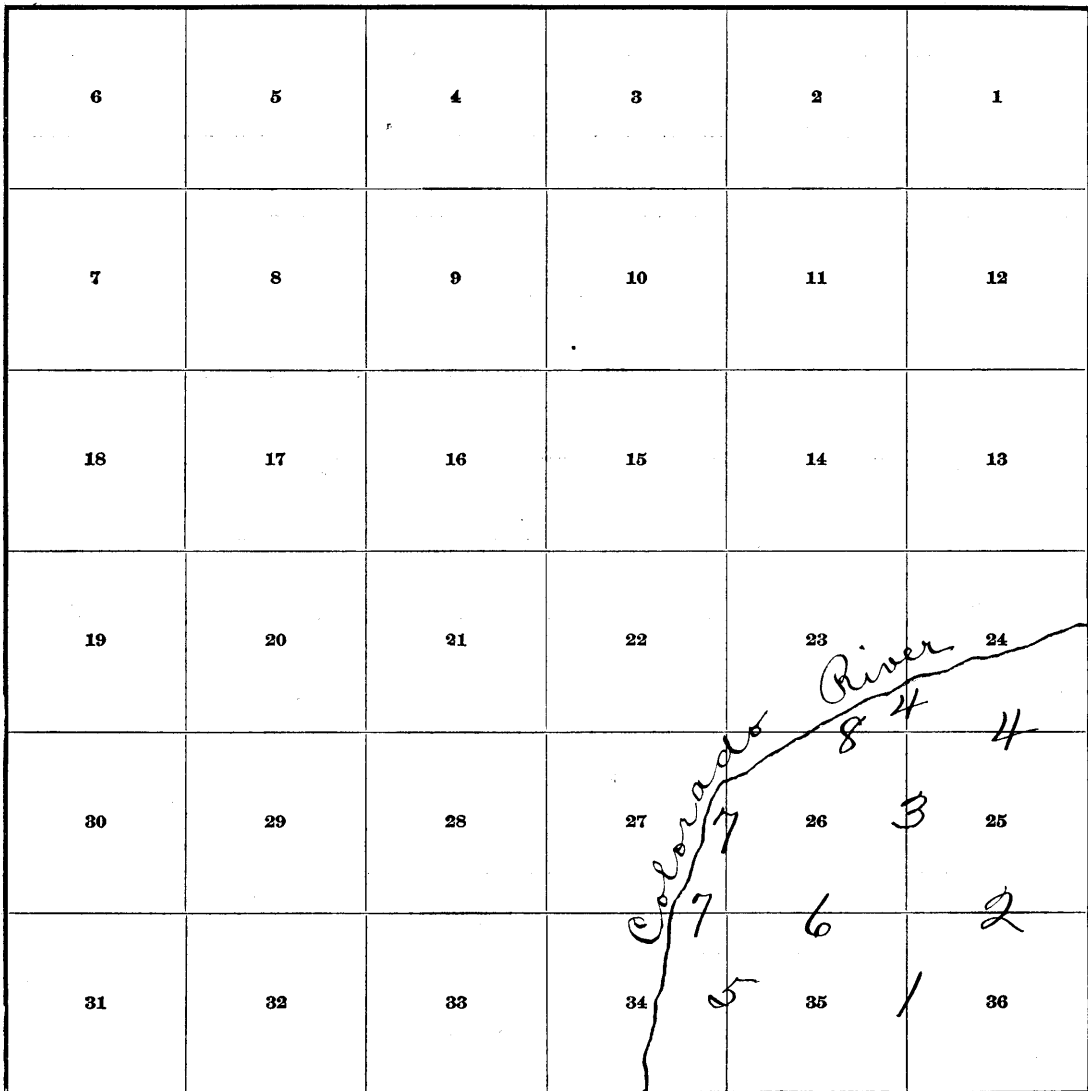
Survey completed **December 23,** 191**1.**

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BOOK 2454

INDEX DIAGRAM.

Frac. Township 9 North, Range 21 West.



Meanders of Colorado River, Pages 9 to 10 incl.

Subdivision of frac. T. 9 N., R. 21 W.

Chains

Survey commenced Dec. 22, 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 the 2nd Standard Parallel N.

The SE. cor. of this Tp. is in Lat. $34^{\circ}04'17''$ N.; Long. $114^{\circ}23'07''$ W.

Dec. 22, 1911. At 9 a.m., l.m.t., I set off $34^{\circ}04\frac{1}{2}'$ on the lat. arc, $23^{\circ}25'$ on the decl. arc, and determine a meridian with the solar at the S.C. of secs. 35 and 36, on 2nd Standard Parallel N.

Thence I run

N. $0^{\circ}01'$ W. bet. secs. 35 and 36.

Over nearly level bottom land, through thick undergrowth.

25.30 Road, brs. E. and W.

25.50 Wire fence, brs. E. and W.

40.00 Set an iron post for the $\frac{1}{4}$ sec. cor. bet. secs. 35 and 36, with brass cap stamped

$\frac{1}{4}$ S 35 in W. half
S 36 in E. half
1911 in S.

Dig pits $18 \times 18 \times 12$ 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.

76.00 S. bank of slough, brs. N. 70° W. and S. 70° E.

77.35 N. bank of slough, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 25, 26, 35 and 36, with brass cap stamped

Subdivision of frac. T. 9 N., R. 21 W.

Chains

T 9 N S 25 in NE. quadrant
 R 21 W S 36 in SE. quadrant
 S 35 in SW. quadrant
 S 26 in NW. quadrant
 1911 in S.
 1 notch on S. and 1 notch on E. edge,

from which

A mesquite 8 ins. dia. brs. N. 81° 30' E., 51 lks. dist.
 Mkd. T 9 N R 21 W S 25 B T.

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, nearly level bottom, - agricultural.
 Soil, adobe, 1st rate.
 Timber, scattering mesquite. Brush, thick arrowweed.

From the cor. of secs. 25, 26, 35 and 36, I run
 East on a random line bet. secs. 25 and 36.

40.00 Set temp. ¼ sec. cor.

80.00 Falls 23 lks. N. of the cor. of secs. 25, 30, 31 and 36,
 on E. bdy. of Tp.

Thence I run

N. 89° 50' W. on a true line bet. secs. 25 and 36.
 Over nearly level bottom land, through thick brush.

15.45 Wash, course S. 40° W.

25.30 Wash, course S.

31.10 Road, brs. N. 5° E. and S. 5° W.

31.25 Fence, brs. N. and S.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 25 and 36,
 with brass cap stamped

¼ S 25 in N. half
 S 36 1911 in S. half, from which

A cottonwood 24 ins. dia. brs. S. 64° 30' E., 1.38 chs.
 dist., Mkd. ¼ S 36 B T.

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.

79.03 Dry slough, 50 lks. wide, brs. N. 10° E. and S. 10° W.

Subdivision of frac. T. 9 N., R. 21 W.

Chains

80.00 The cor. of secs. 25, 26, 35 and 36.

Land, nearly level bottom, - agricultural.
Soil, adobe, 1st rate.
Timber, scattering mesquite and cottonwood.
Dense brush of arrowweed.

Dec. 22, 1911. At the cor. of secs. 25, 26, 35 and 36,
I set off 23° 25½' S. on the decl. arc, and at 11h 58m
17s a.m., l.m.t., observe the sun on the meridian; the
resulting lat. is 34° 05', the proper lat.

From the cor. of secs. 25, 26, 35 and 36, I run
N. 0° 01' W. bet. secs. 25 and 26.

Over nearly level bottom land, through thick brush.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 25 and 26,
with brass cap stamped

¼ S 26 in W. half
S 25 in E. half
1911 in S., from which

A mesquite 6 ins. dia. brs. N. 1° 30' E., 85 lks. dist.
Mkd. ¼ S 25 B T.

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.

80.00 Set an iron post for the cor. of secs. 23, 24, 25 and 26,
with brass cap stamped

T 9 N S 24 in NE. quadrant
R 21 W S 25 in SE. quadrant
S 26 in SW. quadrant
S 23 in NW. quadrant
1911 in S.
2 notches on S. and 1 notch on E. edge,

from which

A mesquite 6 ins. dia. brs. S. 4° W., 116 lks. dist.
Mkd. T 9 N R 20 W S 26 B T.

A willow 10 ins. dia. brs. N. 44° 05' W., 28 lks. dist.
Mkd. T 9 N R 20 W S 23 B T.

A willow 8 ins. dia. brs. S. 86° E., 25 lks. dist.
Mkd. T 9 N R 20 W S 25 B T.

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.

Subdivision of frag. T. 9 N., R. 21 W.

Chains

Land, nearly level bottom, - agricultural.
Soil, sandy and adobe, 1st rate.
Timber, scattering willow, cottonwood and mesquite; dense
arrow weed and chaparral.

From the cor. of secs. 23, 24, 25 and 26, I run
S. 89° 50' E. on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.02 Falls 28 lks. S. of the cor. of secs. 19, 24, 25 and 30,
on E. bdy. of Tp.

Thence I run
S. 89° 58' W. on a true line bet. secs. 24 and 25.
Over low overflow land, through thick brush.

1.25 Road, brs. N. 10° W. and S. 10° E.

36.25 Fence, brs. N. 40° E. and S. 40° W.

40.01 Set an iron post for the 1/4 sec. cor. bet. secs. 24 and 25,
with brass cap stamped

1/4 S 24 in N. half
S 25 1911 in S. half, from which

A cottonwood 10 ins. dia. brs. S. 13° 45' E., 54 lks. dist.
Mkd. 1/4 S 25 B T.
A cottonwood 12 ins. dia. brs. N. 74° W., 59 lks. dist.
Mkd. 1/4 S 24 B T.

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

Leave overflow land, brs. N. and S. 70° E.
Enter higher land.

77.25 Wash, course N.

80.02 The cor. of secs. 23, 24, 25 and 26.

Land, bottom and overflow, - agricultural and grazing.
Soil, sandy and adobe, 1st rate.
Timber, scattering cottonwood; Dense chaparral and arrow
weed.

From the cor. of secs. 23, 24, 25 and 26, I run
N. 0° 01' W. bet. secs. 23 and 24.
Over nearly level bottom land, through thick undergrowth.

Subdivision of frac. T. 9 N., R. 21 W.

Chains

4.57 Left bank of Colorado River, course W.

Set an iron post for M.C. of frac. secs. 23 and 24, with
brass cap stamped

M C in N. half
T 9 N S 23 in SW. quadrant
R 21 W S 24 in SE. quadrant
1911 in S.
1 notch on E. edge, from which

A mesquite 12 ins. dia. brs. S. 1° W., 8 lks. dist.
Mkd. T 9 N R 21 W S 23 M C B T.

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, - agricultural.
Soil, sandy loam, 1st rate.

Dec. 23, 1911. At 8 a.m., l.m.t., I set off 34° 04½' on
the lat. arc, 23° 22½' S. on the decl. arc, and deter-
mine a meridian with the solar at the S.C. of secs. 34
and 35, on 2nd Standard Parallel N.

Thence I run

N. 0° 01' W. bet. secs. 34 and 35.

Over low overflow land, through thick undergrowth.

18.50 Wire fence, brs. N. 55° E. and S. 55° W.

29.00 Wire fence, brs. N. 5° W. and S. 5° E.

30.80 Road, brs. N. 5° W. and S. 5° E.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 34 and 35,
with brass cap stamped

¼ S 34 in W. half
S 35 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.

52.05 Wire fence, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 26, 27, 34 and 35,
with brass cap stamped

Subdivision of frac. T. 9 N., R. 21 W.

Chains

T 9 N R 26 in NE. quadrant
R 21 W S 35 in SE. quadrant
S 34 in SW. quadrant
S 27 in NW. quadrant

1911 in S.
1 notch on S. and 2 notches on E. edges,

from which

A cottonwood 12 ins. dia. brs. N. 31° W., 48 lks. dist.
Mkd. T 9 N R 21 W S 27 B T.

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, low, overflow, - grazing.
Soil, sandy and adobe, 2nd rate.
Timber, scattering cottonwood; dense arrow weed and small
willows.

From the cor. of secs. 26, 27, 34 and 35, I run
East on a random line bet. secs. 26 and 35.

40.00 Set temp. ¼ sec. cor.

79.96 Falls 16 lks. N. of the cor. of secs. 25, 26, 35 and 36.

Thence I run

N. 89° 53' W. on a true line bet. secs. 26 and 35.

Over nearly level bottom land, through dense undergrowth.

16.30 Wash, course S. 30° W.

17.60 Wash, course S.

19.15 Wash, course S. Leave timber, brs. N. and S.; enter over-
flow land.

39.98 Set an iron post for the ¼ sec. cor. bet. secs. 26 and
35, with brass cap stamped

¼ S 26 in N. half
S 35 1911 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.

79.96 The cor. of secs. 26, 27, 34 and 35.

Land, bottom and overflow, - agricultural and grazing.
Soil, adobe and sandy, 2nd rate.
Thick undergrowth of arrow weed and chaparral.

Subdivision of frac. T. 9 N., R. 21 W.

Chains

From the cor. of secs. 26, 27, 34 and 35, I run West on a true line bet. secs. 27 and 34. Over low overflow land, through thick undergrowth.

30.50 Left bank of Colorado River, course S. 20° W. Set an iron post for M.C. of frac. secs. 27 and 34, with brass cap stamped

M C in W. half
T 9 N S 27 in NE. quadrant
R 21 W S 34 in SE. quadrant
1911 in S.
1 notch on S. edge, from which

A cottonwood 24 ins. dia. brs. S. 39° 20' W., 7 lks. dist.
Mkd. T 9 N R 21 W S 34 M C B T.

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

Land, low, overflow, - grazing.
Soil, sandy and adobe, 2nd rate.
Dense undergrowth of willow, arrow weed and chaparral.

Dec. 23, 1911. At the cor. of secs. 26, 27, 34 and 35, I set off 23° 25 1/4' S. on the decl. arc, and at 11h 58m 47s a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 34° 05', the proper lat.

Thence I run N. 0° 01' W. bet. secs. 26 and 27. Over low overflow land, through thick undergrowth.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 26 and 27, with brass cap stamped

1/4 S 27 in W. half
S 26 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 1/2 ft. base, 1 1/2 ft. high, W. of cor.

65.10 Left bank of Colorado River, course S. 40° W. Set an iron post for M.C. of frac. secs. 26 and 27, with brass cap stamped

Subdivision of frac. T. 9 N., R. 21 W.

Chains

M C in N. half
T 9 N S 27 in SW. quadrant
R 26 W S 26 in SE. quadrant
1911 in S.
2 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 cor.

Land, low, overflow, - grazing.
Soil, sandy and adobe, 2nd rate.
Dense undergrowth of arrow weed, chaparral and mesquite.

From the cor. of secs. 23, 24, 25 and 26, I run N. 89° 53' W. on a true line bet. secs. 23 and 26. Over low, overflow land, through thick undergrowth.

23.00 Left bank of Colorado River, course S. 70° W.

Set an iron post for M C of frac. secs. 23 and 26, with brass cap stamped

M C in W. half
T 9 N S 23 in NE. quadrant
R 21 W S 26 in SE. quadrant
1911 in S.
2 notches on S. edge

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

Land, low, overflow, - grazing.
Soil, sandy and adobe, 2nd rate.
Thick arrow weed and mesquite.

Meanders of frac. T. 9 N., R. 21 W.

Meanders of Left Bank of Colorado River,
down stream.

Dec. 23, 1911. At 2 p.m., l.m.t., I set off 34° 06½' on
the lat. arc, 23° 25' S. on the decl. arc, and deter-
mine a meridian with the solar at the M.C. of secs. 19
and 24, on E. bdy. of Tp.

Thence I run with meanders in sec. 24.

Through dense brush.

S. 54° 00' W.,	5.95	chs.	
S. 64° 00' W.	17.85	"	
S. 77° 00' W.	16.75	"	
S. 65° 30' W.	13.80	"	
S. 65° 00' W.	15.30	"	
S. 80° 30' W.	10.30	"	
N. 85° 00' W.	6.25	"	To M.C. bet. secs. 23 and 24.

Land, low overflow, - grazing.
Soil, sandy and adobe, 2nd rate.
Brush, dense willow, cottonwood and arrow weed.

Thence in sec. 23.

Along sand bar.

N. 73° 45' W.	4.30	chs.	
S. 85° 00' W.	9.60	"	
S. 62° 03' W.	10.50	"	To M.C. bet. secs. 23 and 26.

Land, low, overflow. - barren.
Soil, sandy, 3rd rate.

Thence in sec. 26.

Through dense brush.

S. 73° 45' W.	15.60	chs.	
S. 80° 30' W.	12.35	"	
N. 65° 30' W.	15.30	"	
N. 89° 00' W.	2.40	"	
S. 39° 15' W.	4.95	"	
S. 60° 45' W.	3.05	"	
S. 46° 00' W.	3.65	"	
S. 36° 00' W.	8.62	"	To M.C. bet. secs. 26 and 27.

Land, very low, overflow, - grazing.
Soil, sandy, 2nd rate.
Brush, dense willow and cottonwood.

Thence in sec. 27.

Along out bank, through thick brush.

Meanders of frac. T. 9 N., R. 21 W.

Chains

S. 40° 45' W., 5.30 chs.
 S. 27° 15' W., 24.65 "
 S. 21° 15' W., 24.50 "
 S. 22° 32' W., 17.70 " To M.C. bet. secs. 27 and 34.

Land, low bottom, overflow, - grazing.
 Soil, sandy loam, 2nd rate.
 Dense brush of willow and cottonwood.

Thence in sec. 34.

Through dense brush.

S. 17° 48' W., 84.03 chs. To M.C. on 2nd Standard Parallel.

Land, subject to overflow, - grazing. (Banks not well defined.)
 Soil, sandy and adobe, 2nd rate.

Dec. 23, 1911.

GENERAL DESCRIPTION.

This township consists of bottom land, part of which is subject to overflow during high water.

The entire township is covered with a dense growth of arrow weed, with scattering willow and cottonwood.

GUY P. HARRINGTON
 U.S. Surveyor.

List of Assistants:

- | | | |
|----------------------|---|------------|
| A. O. Stinson |) | Transitmen |
| E. G. Harrington | | |
| C. A. Simpson |) | Chainmen |
| R. P. Duffy | | |
| L. G. Hurst | | |
| Wm. Cort | | |
| J. W. Rodgers |) | Moundsmen |
| Clifford Mc Laughlin | | |
| Leonard Blodgett |) | Flagmen |
| W. J. Walsh | | |
| Arnold Emmonds |) | Axemen |
| W. E. Rose | | |
| 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 **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 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	Apr. 1, 1912	Instrumentman
B. G. Harrington	Nov. 1, 1911	Apr. 1, 1912	Instrumentman
C. A. Simson	Nov. 1, 1911	Apr. 1, 1912	Chainman
B. P. Duffy	Nov. 1, 1911	Apr. 1, 1912	Chainman
L. G. Hurst	Nov. 1, 1911	Feb. 27, 1912	Chainman
Wm. Cort	Nov. 1, 1911	Feb. 27, 1912	Chainman
J. W. Rodgers	Nov. 1, 1911	Apr. 1, 1912	Moundsman
Clifford Mc Laughlin	Nov. 1, 1911	Apr. 1, 1912	Moundsman
Leonard Blodgett	Nov. 1, 1911	Apr. 1, 1912	Flagman
W. J. Walsh	Nov. 1, 1911	Apr. 1, 1912	Flagman
Arnold Emmons	Dec. 1, 1911	Dec. 26, 1911	Axman
W. E. Rose	Nov. 1, 1911	Apr. 1, 1912	Axman
E. W. Hoagland	Nov. 1, 1911	Apr. 1, 1912	Axman

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

Guy P. Harrington

U. S. Surveyor.

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BOOK 2454

Original oath filed with Book "A" of subdivisions.

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 ~~U. S. Surveyor General~~ **Commissioner of the General Land Office to A. F. Dunnington, Topographer in Charge** bearing date of the **23rd** day of **November**, 191**0**, 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~~ **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**, 191**0**.



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.

OFFICE OF THE COMMISSIONER OF THE GENERAL LAND OFFICE
~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL~~

Washington, D. C., **Nov. 24**, 191**0** **3**

The foregoing field notes of the survey of **the subdivision of frac. T. 9 N., R. 21 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 of Indian Surveys** **Nov. 23,** 191**0**, 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 Tamm
Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in **frac. T. 9 N., R. 21 W., Ariz.**, has been correctly copied from the original notes on file in this office.

(Signature)
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. 9 N., R. 21 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. Drumminglin

Topographer in Charge.