

2461

BOOK 2461

FEB 4 - 1914

FIELD NOTES

OF THE SURVEY OF THE

Subdivision and Meander Lines

of

Frac. TOWNSHIP 7 NORTH RANGE 22 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, 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 March 1, 1912

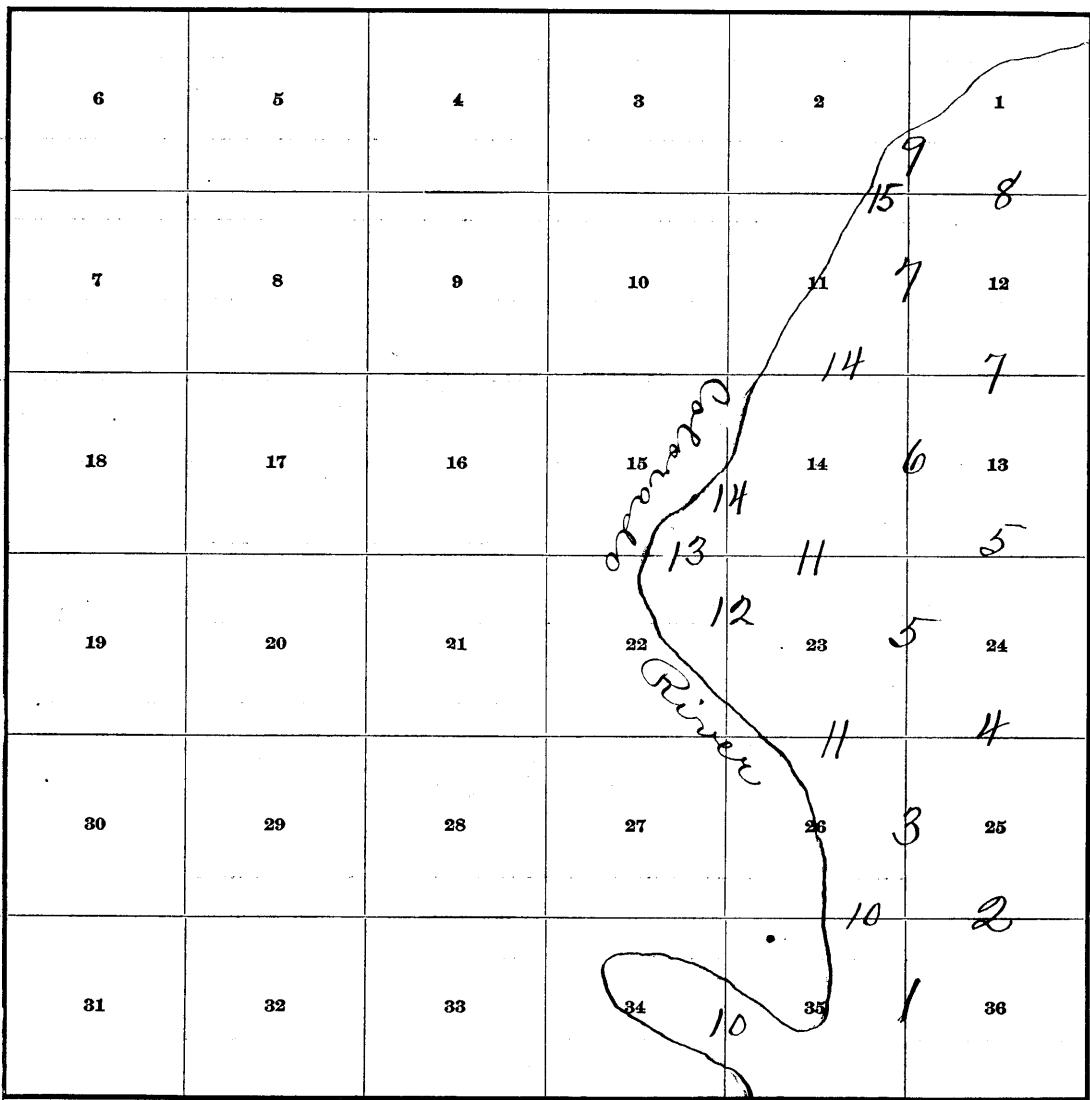
Survey completed March 6, 1912.

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BOOK 2461

INDEX DIAGRAM.

Frac. Township 7 North, Range 22 West



Meanders of Colorado River, Pages 16 to 19.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

Survey commenced March 1, 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. The SE. cor. of this Tp. is in Lat. 33° 53' 51" N.; Long. 114° 28' 52" W.

March 1, 1912. At my camp which is in sec. 28, T. 7 N., R. 21 W., Lat. 33° 55' N., Long. 114° 26' W., South Western Arizona, at 8h 44.3m p.m., l.m.t., I observe Polaris at Western Elongation, and mark the direction of the star upon the ground.

March 2, 1912. I turn 1° 24' to the East of the line of observation of Polaris, and mark the meridian with permanent points. I use this meridian to make frequent tests of my solar transits while engaged on the exterior and subdivision lines of Tps. 7 N., Rgs. 20, 21, and 22 W.

March 2, 1912. At 9 a.m., l.m.t., I set off 33° 53½' on the lat. arc, 7° 08½' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp.

Thence I run
N. 0° 01' W. bet. secs. 35 and 36.
Over level land, through dense brush.

- 8.00 Dry slough, 1 ch. wide, brs. N. 75° E. and S. 75° W.
- 11.00 Dry slough, 40 lks. wide, brs. E. and W.
- 28.50 Dry slough, 25 lks. wide, brs. E. and W.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

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

$\frac{1}{4}$ S 35 in W. half
S 36 in E. half
1912 in S., from which

A mesquite 10 ins. dia. brs. N. 74° E., 80 lks. dist.
Mkd. $\frac{1}{4}$ S 36 B T.
A mesquite 12 ins. dia. brs. S. 73° W., 68 lks. dist.
Mkd. $\frac{1}{4}$ S 35 B T.

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.

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

T 7 N S 25 in NE. quadrant
R 22 W S 36 in SE. quadrant
S 35 in SW. quadrant
S 26 in NW. quadrant
1912 in S.,

1 notch on S., and 1 on E. edge, from which

A willow 16 ins. dia. brs. S. 35 $\frac{1}{2}$ ° E., 197 lks. dist.
Mkd. T 7 N R 22 W S 36 B T.
A willow 12 ins. dia. brs. S. 84 $\frac{1}{2}$ ° W., 125 lks. dist.
Mkd. T 7 N R 22 W S 35 B T.

Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, level, - grazing. (Subject to overflow).
Soil, adobe, 1st rate.
Dense brush of arrow weed and mesquite.

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

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

80.14 Falls 10 lks. N. of the cor. of secs. 25, 30, 31 and 36, on E. bdy. of Tp.

Thence I run N. 89° 56' W. on a true line bet. secs. 25 and 36. Over level land.

18.00 Dry slough, 1 ch. wide, brs. N. and S.

39.00 Enter slough, brs. N. and S.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

- 40.07 Point for $\frac{1}{4}$ sec. cor. falls in slough.
- 41.25 Leave slough, brs. N. and S.
- 41.57 Set an iron post for W.C. to $\frac{1}{4}$ sec. cor. bet. secs. 25 and 36, with brass cap stamped
 - $\frac{1}{4}$ S 25 in N. half
 - S 36 1912 in S. half, from which
 A cottonwood 24 ins. dia. brs. S. $51\frac{1}{4}^{\circ}$ E., 178 lks. dist.
 Mkd. $\frac{1}{4}$ S 36 B.T.

 Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 59.00 Slough 75 lks. wide, brs. N. and S.
- 80.14 The cor. of secs. 25, 26, 35 and 36.
 Land, level, - grazing. (Subject to overflow).
 Soil, adobe, 2nd rate.
 Dense brush of arrow weed, willow and mesquite.
 Timber, mesquite and cottonwood.

From the cor. of secs. 25, 26, 35 and 36, I run
 N. $0^{\circ} 01'$ W. bet. secs. 25 and 26.
 Over level land, through dense brush.

- 1.00 Dry slough, 1 ch. wide, brs. E. and W.
- 40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 26, with brass cap stamped
 - $\frac{1}{4}$ S 26 in W. half
 - S 25 in E. half
 - 1912 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.
- 80.00 Set an iron post for the cor. of secs. 23, 24, 25 and 26, with brass cap stamped
 - T 7 N S 24 in NE. quadrant
 - R 22 W S 25 in SE. quadrant
 - S 26 in SW. quadrant
 - S 23 in NW. quadrant
 - 1912 in S.
 - 2 notches on S. and 1 on E. edges, from
 which

 A mesquite 6 ins. dia. brs. N. $21\frac{1}{4}^{\circ}$ E., 120 lks. dist.
 Mkd. T 7 N R 22 W S 24 B T.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

A mesquite 16 ins. dia. brs. S. 43 1/2° W., 83 lks. dist.
Mkd. T 7 N R 22 W S 26 B T.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, flat bottom. (Subject to overflow) Grazing land.
Soil, adobe and river silt, 2nd rate.
Dense brush of arrow weed, willow and mesquite.

From the cor. of secs. 23, 24, 25 and 26, I run
S. 89° 56' E. on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.14 Falls 14 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 level land, through dense brush.

6.25 Dim road, brs. N. and S.

19.00 Slough 150 lks. wide, brs. N. and S.

24.50 Slough 25 lks. wide, brs. N. and S. 30° W.

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

1/4 S 24 in N. half
S 25 1912 in S. half

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.

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

Land, level, agricultural and grazing.
Soil, adobe, 1st rate.
Dense brush of willow, arrow weed and mesquite.

March 2, 1912. At this cor., I set off 7° 05 1/2' S. on the
decl. arc, and at 12h 12m 21s p.m., l.m.t., observe the
sun on the meridian; the resulting lat. is 33° 55 1/2',
the proper lat.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

From the cor of secs. 23, 24, 25 and 26, I run
N. 0° 01' W. bet. secs. 23 and 24.

Over level land, through dense brush.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 23 and 24,
with brass cap stamped

1/4 S 23 in W. half
S 24 in E. half
1912 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.

80.00 Set an iron post for the cor. of secs. 13, 14, 23 and 24,
with brass cap stamped

T 7 N S 13 in NE. quadrant
R 22 W S 24 in SE. quadrant
S 23 in SW. quadrant
S 14 in NW. quadrant
1912 in S.

3 notches on S. and 1 on E. edge,

from which

A mesquite 16 ins. dia. brs. S. 14 1/2° E., 212 lks. dist.
Mkd. T 7 N R 22 W S 24 B T.

Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, level, - grazing. (Subject to overflow).
Soil, adobe, 2nd rate.
Dense brush of arrow weed and mesquite.

From the cor. of secs. 13, 14, 23 and 24, I run
N. 89° 58' E. on a random line bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.14 Falls 5 lks. S. of the cor. of secs. 13, 18, 19 and 24,
on E. bdy. of Tp.

Thence I run

S. 89° 56' W. on a true line bet. secs. 13 and 24.

Over level land, through dense brush.

40.07 Set an iron post for 1/4 sec. cor. bet. secs. 13 and 24,
with brass cap stamped

Subdivision of fractional T. 7 N., R. 22 W.

Chains

$\frac{1}{4}$ S 13 in N. half
S 24 1912 in S. half, from which

A mesquite 16 ins. dia. brs. N. $78\frac{1}{2}^{\circ}$ W., 51 lks. dist.
Mkd. $\frac{1}{4}$ S 13 B T.

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

80.14 The cor. of secs. 13, 14, 23 and 24.

Land, level, agricultural and grazing.
Soil, adobe, 2nd rate.
Dense brush of willow, arrow weed and mesquite.

March 4, 1912. At 8 a.m., l.m.t., I set off $33^{\circ} 56'$ on
the lat. arc, $6^{\circ} 22'$ S. on the decl. arc, and determine
a meridian with the solar at the cor. of secs. 13, 14,
23 and 24.

Thence I run

N. $0^{\circ} 01'$ W. bet. secs. 13 and 14.

Over level land, through dense brush.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 14,
with brass cap stamped

$\frac{1}{4}$ S 14 in W. half
S 13 in E. half
1912 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.

59.40 Wire fence, brs. N. 60° W. and S. 60° E.

80.00 Set an iron post for the cor. of secs. 11, 12, 13 and 14,
with brass cap stamped

T 7 N S 12 in NE. quadrant
R 22 W S 13 in SE. quadrant
S 14 in SW. quadrant
S 11 in NW. quadrant
1912 in S.

4 notches on S. and 1 on E. edges

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

Land, level, - grazing. (Subject to overflow).
Soil, adobe, 2nd rate.
Dense brush of arrow weed and mesquite.

From the cor. of secs. 11, 12, 13 and 14, I run
N. 89° 56' E. on a random line bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

80.00 Falls 28 lks. N. of the cor. of secs. 7, 12, 13 and 18,
on E. bdy. of Tp.

Thence I run

N. 89° 52' W. on a true line bet. secs. 12 and 13.

Over level land, through dense brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 12 and 13,
with brass cap stamped

1/4 S 12 in N. half
S 13 1912 in S. half, from which

A mesquite 12 ins. dia. brs. S. 64° W., 132 lks. dist.
Mkd. 1/4 S 13 B T.

Dig pits 18x18x12 ins. N. 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.

80.00 The cor. of secs. 11, 12, 13 and 14.

Land, level, - agricultural and grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and mesquite.

From the cor. of secs. 11, 12, 13 and 14, I run
N. 0° 01' W. bet. secs. 11 and 12.

Over level land, through dense brush.

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 11 and 12,
with brass cap stamped

1/4 S 11 in W. half
S 12 in E. half
1912 in S., from which

A willow 12 ins. dia brs. N. 75° E., 8 lks. dist.
Mkd. 1/4 S 12 B T.

A willow 8 ins. dia. brs. S. 39° W., 15 lks. dist.
Mkd. 1/4 S 11 B T.

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.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

44.00 Slough, 2 chs. wide, brs. E. and W.

80.00 Set an iron post for the cor. of secs. 1, 2, 11 and 12, with brass cap stamped

T 7 N S 1 in NE. quadrant
R 22 W S 12 in SE. quadrant
S 11 in SW. quadrant
S 2 in NW. quadrant

1912 in S.
5 notches on S. and 1 notch on E. edge,

from which

A willow 6 ins. dia. brs. S. 56° W., 20 lks. dist.
Mkd. T 7 N R 22 W S 11 B T.

A willow 4 ins. dia. brs. N. 15° W., 31 lks. dist.
Mkd. T 7 N R 22 W S 2 B T.

A willow 6 ins. dia. brs. N. 43½° E., 71 lks. dist.
Mkd. T 7 N R 22 W S 1 B T.

A willow 6 ins. dia. brs. S. 85½° E., 46 lks. dist.
Mkd. T 7 N R 22 W S 12 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, level, - grazing. (Subject to overflow).
Soil, adobe, 2nd rate.
Dense brush of arrow weed, willow and mesquite.

From the cor. of secs. 1, 2, 11 and 12, I run
S. 89° 52' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. ¼ sec. cor.

80.00 Falls 10 lks. S. of the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp.

Thence I run

N. 89° 56' W. on a true line bet. secs. 1 and 12.

Over level land, through dense brush.

15.60 Dim road, brs. NW. and SE.

29.50 Enter slough, brs. N. and S.

32.40 Leave slough, brs. N. and S.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 1 and 12, with brass cap stamped

¼ S 1 in N. half
S 12 1912 in S. half, from which

A mesquite 8 ins dia. brs. N. 24½° E., 70 lks. dist.
Mkd. ¼ S 1 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.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

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

Land, level, agricultural and grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and mesquite.

From the cor. of secs. 1, 2, 11 and 12, I run
N. 0° 01' W. on a true line bet. secs. 1 and 2.
Over level land, through dense brush.

30.75 Left bank of Colorado River, course SW.

Set an iron post for M.C. of frac. secs. 1 and 2, with
brass cap stamped

M C in N. half
T 7 N S 2 in SW. quadrant
R 22 W S 1 in SE. quadrant
1912 in S.
1 notch on E. edge, from which

A willow 12 ins. dia. brs. S. 71° E., 70 lks. dist.
Mkd. T 7 N R 22 W S 1 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, subject to overflow.
Soil, sandy and adobe, 2nd rate.
Dense brush of arrow weed and willow.

March 4, 1912. At the cor. of secs. 1, 2, 11 and 12, I
set off 6° 19½' S. on the decl. arc, and at 12h 11m 56s
p.m., l.m.t., observe the sun on the meridian; the re-
sulting lat. is 33° 58', the proper lat.

From the M C. of secs. 2 and 35, on S. bdy. of Tp., I run
N. 0° 01' W., 2.14 chs. Thence
West, 1.80 chs., on left bank of Colorado River, course SE.
Set an iron post for M C of frac. secs. 34 and 35, with
brass cap stamped

M C 1912 in S.
T 7 N S 35 in NE. quadrant
R 22 W S 34 in NW. quadrant
2 notches on E. edge, from which

A willow 6 ins. dia. brs. N. 82° E., 12 lks. dist.
Mkd. T 7 N R 22 W S 35 M C B T.
A willow 8 ins. dia. brs. N. 14° 30' W. 73 lks. dist.
Mkd. T 7 N R 22 W S 34 M C B T.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

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

Thence I run

N. 0° 01' W. bet. secs. 34 and 35.

Over level land, through dense brush.

40.00 37.86 chs. N. 0° 01' W. of meander corner of secs.

34 and 35, set an iron post for 1/4 sec. cor. bet. secs. 34 and 35, with brass cap stamped

1/4 S 34 in W. half
S 35 in E. half
1912 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.

44.93 Left bank of Colorado River, course W.

Set an iron post for M.C. of ^{frac.}secs. 34 and 35, with brass cap stamped

M C in N. half
T 7 N S 34 in SW. quadrant
R 22 W S 35 in SE. quadrant
1912 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 post.

Land, level, - grazing. (Subject to overflow).
Soil, adobe, 2nd rate.
Dense brush of arrow weed, willow, cottonwood and mesquite.

From the cor. of secs. 25, 26, 35 and 36, I run

West on a true line bet. secs. 26 and 35.

Over level land, through dense brush.

3.20 Dry slough, hrs. N. 60° E. and S. 60° W.

19.35 Left bank of Colorado River, course S.

Set an iron post for M.C. of frac. secs. 26 and 35, with brass cap stamped

M C in W. half
T 7 N S 26 in NE. quadrant
R 22 W S 35 in SE. quadrant
1912 in S.
1 notch on S.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

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

Land, level, grazing. (Subject to overflow).
Soil, adobe, 2nd rate.
Dense brush of arrow weed and willow.

March 5, 1912. At 8 a.m., l.m.t., I set off 33° 55½' on the lat. arc, 5° 59½' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 23, 24, 25 and 26.

Thence I run

West on a true line bet. secs. 23 and 26.

Over level land, through dense brush.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 23 and 26, with brass cap stamped

¼ S 23 in N. half
S 26 1912 in S. half, from which

A willow 12 ins. dia. brs. N. 51½° W., 128 lks. dist.
Mkd. ¼ S 23 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.

50.00 Dry slough, 1 ch. wide, brs. N. and S.

63.80 Left bank of Colorado River, course SE.

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

M C in W. half
T 7 N S 23 in NE. quadrant
R 22 W S 26 in SE. quadrant
1912 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 cor.

Land, level, - grazing. (Subject to overflow)
Soil, adobe, 2nd rate.
Dense brush of willow and arrow weed.

From the cor. of secs. 13, 14, 23 and 24, I run West on a true line bet. secs. 14 and 23.

Subdivision of fractional T. 7 N., R. 22 W.

Chains.

Over level land, through dense brush.

10.00 Slough, 1 ch. wide, brs. N. 80° E. and W.

Thence along slough.

16.00 Leave slough, brs. N. 80° W. and E.

28.00 Same slough, 2 chs. wide, brs. N. 80° E. and S. 80° W.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 14 and 23,
with brass cap stamped

1/4 S 14 in N. half
S 23 1912 in S. half, from which

A cottonwood 8 ins. dia. brs. S. 70° E., 21 lks. dist.
Mkd. 1/4 S 23 B T.

A cottonwood 8 ins. dia. brs. N. 23° W., 20 lks. dist.
Mkd. 1/4 S 14 B T.

Dig pits 18x18x12 ins. N. 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.

69.20 Slough, 50 lks. wide, brs. N. and S.

76.50 Slough, 1 ch. wide, brs. N. and S.

80.00 Set an iron post for the cor. of secs. 14, 15, 22 and 23,
with brass cap stamped

T 7 N S 14 in NE. quadrant
R 22 W S 23 in SE. quadrant
S 22 in SW. quadrant
S 15 in NW. quadrant
1912 in S.
3 notches on S. and 2 notches on E. edge,

from which

A cottonwood 16 ins. dia. brs. N. 20° E., 73 lks. dist.
Mkd. T 7 N R 22 W S 14 B T.

A cottonwood 16 ins. dia. brs. S. 73° E., 74 lks. dist.
Mkd. T 7 N R 22 W S 23 B T.

A cottonwood 18 ins. dia. brs. S. 33° W., 72 lks. dist.
Mkd. T 7 N R 22 W S 22 B T.

A cottonwood 12 ins. dia. brs. N. 74° W., 118 lks. dist.
Mkd. T 7 N R 22 W S 15 B T.

Land, level, - grazing. (Subject to overflow).
Soil, adobe, 2nd rate.
Dense brush of arrow weed and willow.
Timber, cottonwood.

From the cor. of secs. 14, 15, 22 and 23, I run
S. 0° 01' E. bet. ^{frac.}secs. 22 and 23.

Over level land, through dense brush.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

40.00 Set an iron post for the 1/4 sec. cor. bet. secs. 22 and 23, with brass cap stamped

1/4 S 22 in W. half
S 23 in E. half
1912 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.

67.35 Left bank of Colorado River, course S. 60° E.

Set an iron post for M C of frac. secs. 22 and 23, with brass caps stamped

M C 1912 in S. half
T 7 N S 23 in NE. quadrant
R 22 W S 22 in NW. quadrant
2 notches on E. edge

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

Land, level, - grazing. (Subject to overflow. Soil, sandy and adobe, 2nd rate. Dense brush of arrow weed, willow and cottonwood.

From the cor. of secs. 14, 15, 22 and 23, I run West on a true line bet. secs. 15 and 22. Over level land, through dense brush.

20.00 Dry slough, 150 lks. wide, brs. N. and S.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 15 and 22, with brass cap stamped

1/4 S 15 in N. half
S 22 1912 in S. half

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.

40.35 Left bank of Colorado River, course S.

Set an iron post for M.C. of frac. secs. 15 and 22, with brass cap stamped

M C in W.
T 7 N S 15 in NE. quadrant
R 22 W S 22 in SE. quadrant
1912 in S.
3 notches on S. edge

Subdivision of fractional T. 7 N., R. 22 W.

Chains

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, level, - grazing. (Subject to overflow).
Soil, sandy and adobe, 2nd rate.
Dense brush of arrow weed, willow and cottonwood.

From the cor. of secs. 14, 15, 22 and 23, I run

N. 0° 01' W. bet. secs. 14 and 15.

Over level land, through very dense brush.

34.55 Left bank of Colorado River, course SW.

Set an iron post for M.C. of frac. secs. 14 and 15, with brass cap stamped

M C in N.
T 7 N S 15 in SW. quadrant
R 22 W S 14 in SE. quadrant
1912 in S.
2 notches on E. edge, from which

A willow 8 ins. dia. brs. S. 34½° E., 17 lks. dist.
Mkd. T 7 N R 22 W S 14 M C B T.

A cottonwood 14 ins. dia. brs. S. 24½° W., 71 lks. dist.
Mkd. T 7 N R 22 W S 15 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 cor.

Land, level, - grazing. (Subject to overflow).
Soil, sandy and adobe, 2nd rate.
Dense brush of willow, arrow weed, mesquite and cottonwood.

From the cor. of secs. 11, 12, 13 and 14, I run

West on a true line bet. secs. 11 and 14.

Over level land, through dense brush.

32.80 Wire fence, brs. N. 50° W. and S. 50° E.

34.50 Dry slough 2 chs. wide, brs. N. 30° W. and S. 30° E.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 11 and 14, with brass cap stamped

¼ S 11 in N. half
S 14 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.

Subdivision of fractional T. 7 N., R. 22 W.

Chains

53.05 Left bank of Colorado River, course SW.
Set an iron post for M.C. of frac. secs. 11 and 14, with
brass cap stamped

M C in W.
T 7 N S 11 in NE. quadrant
R 22 W S 14 in SE. quadrant
1912 in S.
4 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, level, - grazing. (Subject to overflow).
Soil, sandy and adobe, 2nd rate.
Dense brush of arrow weed, willow, mesquite and cottonwood.

From the cor. of secs. 1, 2, 11 and 12, I run
West on a true line bet. secs. 2 and 11.
Over level overflow land, through dense brush.

13.00 Dry slough, 150 lks. wide, brs. N. and S.

17.75 Left bank of Colorado River, course SW.
Set an iron post for M.C. of ^{frac}secs. 2 and 11, with brass
cap stamped

M C in W.
T 7 N S 2 in NE. quadrant
R 22 W S 11 in SE. quadrant
1912 in S.
5 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 level, - grazing. (Subject to overflow).
Soil, sandy and adobe, 2nd rate.
Dense brush of arrow weed, willow and cottonwood.

March 5, 1912. At the cor. of secs. 1, 2, 11 and 12, I
set off 5° 56½' S, on the decl. arc, and at 12h 11m 42s
p.m., l.m.t., observe the sun on the meridian; the re-
sulting lat. is 33° 58'; the proper lat.

Meanders of fractional T. 7 N., R. 22 W.

Chains

Meanders of Left Bank of Colorado River, down stream.

I commence at the M.C. of frac. secs. 1 and 6, on E. bdy. of Tp.

Thence I run with meanders in frac, sec. 1.

Over level land, through dense brush.

- N. 59° 00' W. 3.85 chs.
- N. 68° 45' W. 8.45 "
- S. 87° 00' W. 4.55 "
- S. 75° 30' W. 6.70 "
- S. 60° 00' W. 6.70 "
- S. 61° 00' W., 29.70 "
- S. 78° 30' W. 4.15 "
- S. 66° 30' W. 1.95 "
- S. 60° 15' W. 2.70 "
- S. 56° 00' W. 7.15 "
- S. 38° 15' W. 10.65 " At 6.00 chs. - Road, brs. S. 60° E. Row boat Ferry at this point. To M.C. of frac. secs. 1 and 2.
- S. 27° 30' W. 11.21 "

Land, river bottom, - grazing. (Subject to overflow).
Soil, sandy, 2nd rate.
Dense brush of arrow weed and willow.

Thence in sec. 2.

Over river bottom, through dense brush.

- S. 40° 30' W. 0.85 chs.
- S. 30° 30' W. 11.65 "
- S. 31° 30' W. 11.50 "
- S. 27° 02' W. 11.49 " To M.C. of frac. secs. 2 and 11.

Land, river bottom, - grazing. (Subject to overflow).
Soil, sandy, 3rd rate.
Dense brush of arrow weed and willow.

Thence in sec. 11.

Over level bottom along sand bar.

- S. 25° 45' W. 43.05 chs.
- S. 24° 30' W. 8.45 "
- S. 21° 30' W. 21.95 "
- S. 23° 00' W. 11.95 " At 0.35 chs. Wire fence brs. S. 60° E. and N. 60° W. 30 lks. to water.
- S. 11° 15' W. 2.14 " To M.C. of frac. secs. 11 and 14.

Land, river sand bar.
Soil, sandy, 3rd rate.

Meanders of fractional T. 7 N., R. 22 W.

Chains

March 6, 1912. At 8h 30m a.m., l.m.t., I set off 33°57' on the lat. arc, 5° 36' S. on the decl. arc, and determine a meridian with the solar at the M.C. of secs. 11 and 14.

Thence I run with meanders in sec. 14.

Leave sand bar, enter dense willow and arrow weed brush.

S. 40° 00' W.	3.80	chs.	
S. 25° 30' W.	3.25	"	
S. 27° 00' W.	2.35	"	
S. 24° 15' W.	11.20	"	
S. 25° 45' W.	4.40	"	
S. 24° 30' W.	2.40	"	
S. 20° 30' W.	4.55	"	
S. 19° 45' W.	3.25	"	
S. 14° 15' W.	3.20	"	
S. 47° 45' W.	4.60	"	
S. 35° 00' W.	3.15	"	
S. 46° 30' W.	5.15	"	
S. 52° 00' W.	2.53	"	To M.C. of frac. secs. 14 and 15.

Land, river bottom, - grazing. (Subject to overflow).
Soil, sandy, 3rd rate.
Dense brush of arrow weed and willow.

Thence in sec. 15.

Over level bottom, through dense brush.

S. 54° 00' W.	3.45	chs.	
S. 56° 00' W.	4.70	"	
S. 59° 30' W.	4.45	"	
S. 57° 00' W.	5.50	"	
S. 61° 15' W.	4.55	"	
S. 71° 45' W.	3.95	"	
S. 75° 00' W.	2.15	"	
N. 88° 15' W.	3.80	"	
S. 86° 45' W.	7.15	"	
S. 51° 00' W.	3.06	"	
S. 17° 45' W.	14.45	"	
S. 26° 45' E.	5.27	"	To M.C. of frac. secs. 15 and 22.

Land, level bottom, - grazing. (Subject to overflow).
Soil, sandy, 2nd rate.
Dense brush of arrow weed and willow.

Thence in sec. 22.

Along sand bar, - dense brush to the East.

S. 2° 30' E.	11.10	chs.	
S. 22° 00' E.	24.45	"	
S. 38° 40' E.	33.20	"	
S. 53° 05' E.	12.64	"	To M.C. of frac. secs. 22 and 23.

Meanders of fractional T. 7 N., R. 22 W.

Chains

Land, level, sand bar.
Soil, sandy, 3rd rate.
Dense brush to the East of line.

Thence in sec. 23.

Over sand bar.

S. 51° 59' N. 20.88 chs. To M.C. of frac. secs. 23
and 26.

Land, level sand bar.
Soil, sandy, 2nd rate.
Dense brush about 1 ch. East of line.

Thence in sec. 26.

Continue over level sand bar, with dense brush about 1 ch.
to East.

S. 47° 15' N. 26.00 chs.
S. 27° 00' N. 37.00 "
S. 15° 00' N. 26.50 "
S. 23° 15' N. 4.11 " To M.C. of frac. secs. 26 and
35.

Land, level sand bar, devoid of vegetation.
Soil, sandy, 3rd rate.
Dense brush of arrow weed and willow from 1 to 2 chs. E.
of line.

Thence in sec. 35.

Continuing over level sand bar.

S. 18° 30' W. 1.05 chs.
S. 00° 30' W. 5.90 "
S. 5° 30' W. 25.35 "
S. 42° 30' W. 26.75 "
West 17.90 "
N. 35° 30' W. 17.70 "
N. 78° 14' W. 12.00 " To M.C. of frac. secs. 34 and
35.

Land, level sand bar, - devoid of vegetation.
Soil, sandy, 3rd rate.
Dense brush of willow and arrow weed, 1 to 2 chs. from
line.

Thence in sec. 34.

Leave sand bar, enter dense brush of willow and arrow weed.

N. 45° 00' W. 13.95 chs.
N. 39° 00' W. 1.70 "

Meanders of fractional T. 7 N., R. 22 W.

Chains.

N. 45° 30' W.	3.86	chs.	
N. 40° 30' W.	4.20	"	
N. 89° 45' W.	2.70	"	
N. 75° 00' W.	4.90	"	
N. 81° 15' W.	1.40	"	
N. 83° 15' W.	3.50	"	
N. 87° 00' W.	1.75	"	
N. 77° 45' W.	6.40	"	
N. 64° 00' W.	1.65	"	
N. 62° 15' W.	3.55	"	
N. 82° 00' W.	2.70	"	
S. 54° 45' W.	7.50	"	
S. 43° 45' W.	2.60	"	
S. 19° 45' E.	7.56	"	
S. 47° 00' E.	6.65	"	
S. 62° 30' E.	9.40	"	
S. 51° 45' E.	4.50	"	
S. 42° 45' E.	3.15	"	
S. 45° 30' E.	1.10	"	
S. 51° 30' E.,	2.25	"	
S. 33° 45' E.	2.05	"	
S. 38° 00' E.,	2.05	"	
S. 50° 00' E.	2.30	"	
S. 13° 30' E.	1.20	"	
S. 50° 15' E.	2.05	"	
S. 33° 00' E.	1.50	"	
S. 46° 45' E.	3.15	"	
S. 32° 00' E.	3.55	"	
S. 26° 00' E.	2.60	"	
S. 37° 45' E.	5.25	"	
S. 36° 30' E.	5.90	"	
S. 41° 45' E.	4.50	"	
S. 34° 45' E.	4.90	"	
S. 51° 00' E.	1.30	"	
S. 25° 30' E.	3.98	"	To M.C. of frac. secs. 34 and 35.

Land river bottom, - grazing. (Subject to overflow).
Soil, sandy and adobe, 3rd rate.
Dense brush of willow and arrow weed.

Thence in sec. 35.

Continue through dense brush.

S. 40° 02' E. 2.80 chs. To M.C. of frac. secs. 2 and 35, on S. bdy. of Tp.

Land, level bottom, - grazing. (Subject to overflow).
Soil, sandy, 3rd rate.
Dense brush of arrow weed, willow and cottonwood.

March 6, 1912.

Meanders of fractional T. 7 N., R. 22 W.

Chains

GENERAL DESCRIPTION.

This fractional township consists of low river bottom, the greater portion of which is subject to overflow during high water stages. The soil is sandy and adobe, from first to third rate.

The entire area is covered with dense brush of arrow weed, willow, mesquite and cottonwood. There is considerable cottonwood timber adjoining the river. There is little grass in the township, but grazing is afforded a number of cattle on the green brush and sprouts which spring up after the annual high water.

GUY P. HARRINGTON
U.S. Surveyor

List of Assistants:

- Earl G. Harrington (Instrumentmen
- A .O. Stinson)
- C. A. Simson (
- R. P. Duffy) Chainmen
- E. W. Hoagland (
- Chas. Bowman)
- J. W. Rodgers (Moundsmen
- Clifford Mc Laughlin)
- W. J. Walshe (
- Leonard Blodgett) Flagmen
- P. L. Hendreson (
- John Mc Alpin)
- W. E. Rose (Axemen
- Robert Smith)

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 subdivision**
of frac. T. 7 N., R. 22 W., within 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.	
Karl G. Harrington	Nov. 1, 1911	Apr. 1, 1912	Instrumentman
A. O. Stinson	"	"	"
C. A. Simson	"	"	Chainman
R. P. Duffy	"	"	"
E. W. Hoagland	"	"	"
Chas. Bowman	"	"	"
J. W. Rodgers	"	"	Moundman
Clifford Mc Laughlin	"	"	"
W. J. Walshe	"	"	Flagman
Leonard Blodgett	"	"	"
P. L. Henderson	Jan. 25, 1912	"	Axman
John Mc Alpin	Jan. 1, 1912	"	"
W. H. Rose	Nov. 1, 1911	"	"
Robert Smith	Mar. 1, 1912	"	"

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.

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 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.

OFFICE OF THE 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 the subdivision of T. 7 N., R. 22 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 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) C. E. Hallman
Commissioner of the General Land Office
U. S. Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in frac. T. 7 N., R. 22 W., Ariz., has been correctly copied from the original notes on file in this office.

C. E. Hallman
Commissioner of the General Land Office
U. S. Surveyor General

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

I hereby certify that the survey of the subdivision lines of fra
T. 7 N., R. 22 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. Shumway

Topographer in Charge.