

2467

BOOK 2467

FIELD NOTES

FEB 4 - 1914

OF THE SURVEY OF THE

Subdivision and Meander Lines of

Frac. TOWNSHIP 5 NORTH RANGE 22 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 January 18, 1912.

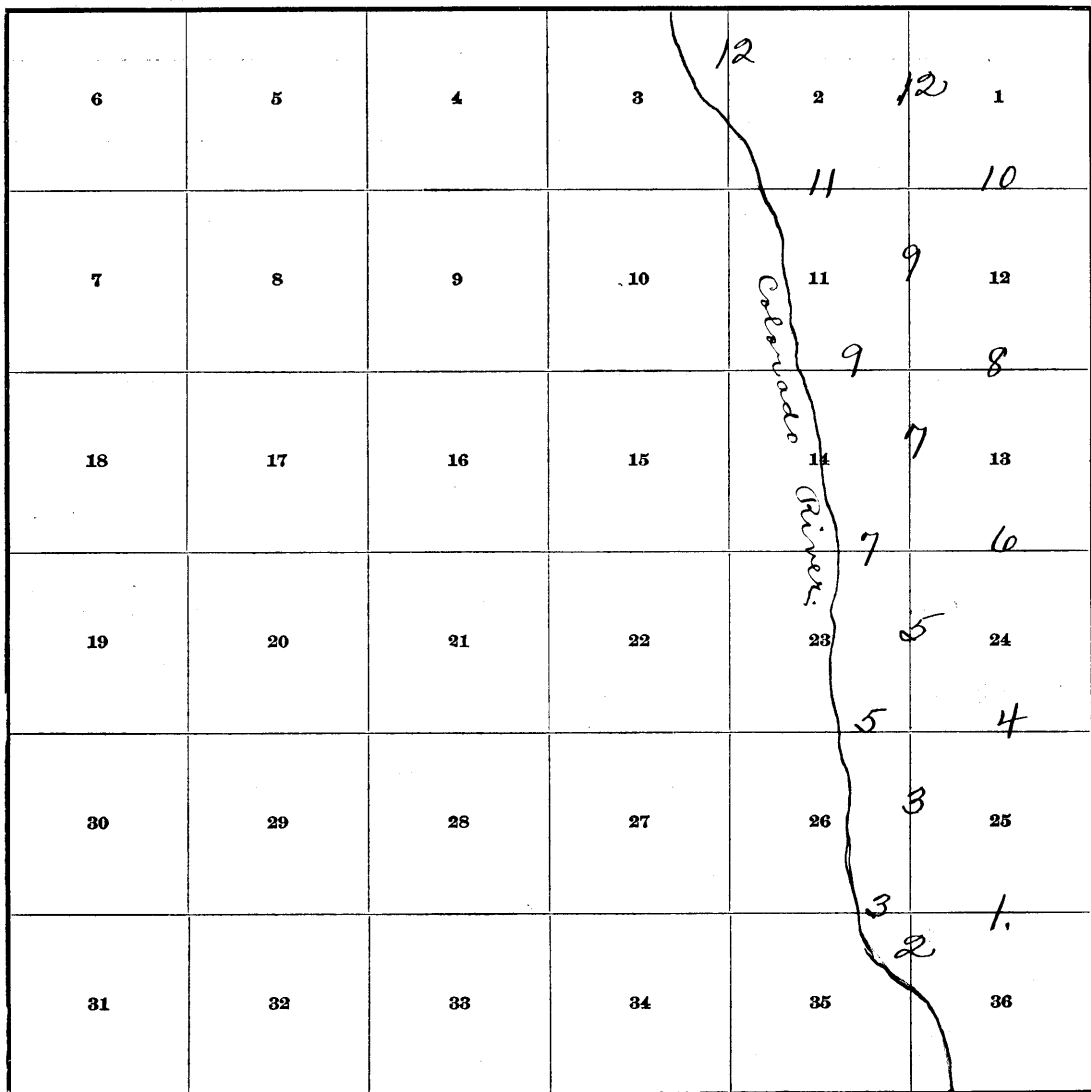
Survey completed January 20, 1912.

1A

BOOK 2467

INDEX DIAGRAM.

Frac. Township 5 North, Range 22 West



Meanders, pages 13 to 16 inclusive.

Subdivision of fractional T. 5 N., R. 22 W.

Chains

Survey commenced January 18, 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 field notes of T. 5 N., R. 21 W.

The SE. cor. of this Tp. is in Lat. $33^{\circ}43'24''$ N.; Long. $114^{\circ}28'52''$ W. January 18, 1912. At 9 a.m., l.m.t., I set off $33^{\circ}44'$ on the lat. arc, $20^{\circ}41'$ S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 25, 30, 31, and 36, on E. bdy. of Tp.

Thence I run

West on a true line bet. secs. 25 and 36.

Over flat bottom land, through brush.

4.80 Middle of slough containing stagnant water, 80 lks. wide, brs. N. 20° E. and S. 20° W.

40.00 Set an iron post for $\frac{1}{4}$ 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

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

58.00 Middle of slough, containing stagnant water, 150 lks. wide, brs. N. and S.

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

Subdivision of fractional T. 5 N., R. 22 W.

Chains

with brass cap stamped

T 5 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 cottonwood 10 ins. dia. brs. N. 44° 15' E., 28 lks. dist.

Mkd. T 5 N R 22 W S 26 B T.

A cottonwood 8 ins. dia. brs. S. 35° 30' E., 28 lks. dist.

Mkd. T 5 N R 22 W S 36 B T.

A cottonwood 12 ins. dia. brs. S. 53° W., 48 lks. dist.

Mkd. T 5 N R 22 W S 35 B T.

A cottonwood 10 ins. dia. brs. N. 60° W., 56 lks. dist.

Mkd. T 5 N R 22 W S 26 B T.

Land, flat bottom, subject to overflow, - grazing.

Soil, adobe, 2nd rate.

Dense brush of arrow weed, mesquite and cottonwood, full distance.

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

S. 0° 01' E. on a true line bet. secs. 35 and 36.

Over flat bottom land, through brush.

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.

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.

41.30 Left bank of Colorado River, course S. 20° E.

Set an iron post for M. C. of ^{frac.} secs. 35 and 36, with brass

cap stamped

M C 1912 in S. half
T 5 N S 36 in NE. quadrant
R 22 W S 35 in NW. quadrant
1 notch on E. edge

Dig a pit 36x36x12 ins. 8 ft. N. of post, and raise a

mound of earth 4 ft. base, 2 ft. high, N. of cor.

Land, flat bottom, subject to overflow, - grazing.

Soil, adobe, 2nd rate.

Dense brush of arrow weed and mesquite, full distance.

Subdivision of fractional T. 5 N., R. 22 W.

Chains

From the cor. of secs. 25, 26, 35 and 36, I run West on a true line bet. secs. 26 and 35. Over flat river bottom land, through brush.

11.45 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.
T 5 N S 26 in NE. quadrant
R 22 W S 35 in SE. quadrant
1912 in S.
1 notch on S. edge, from which

A willow 12 ins. dia. brs. N. 87° E., 226 lks. dist.
Mkd. T 5 N R 22 W S 26 M C. B T.

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 bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and scattering willow timber, full distance.

January 18, 1912. At the cor. of secs. 25, 26, 35 and 36, I set off 20° 40½' S. on the decl. arc, and at 12h 15m 10s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 44', 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 flat bottom land, through brush.

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

¼ S 26 in W. half
S 25 in E. half
1912 in S., from which

A cottonwood 14 ins. dia. brs. N. 70° E., 35 lks. dist.
Mkd. ¼ S 25 B T.

A cottonwood 12 ins. dia. brs. N. 59° 45' W., 54 lks. dist.
Mkd. ¼ S 26 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,

Subdivision of fractional T. 5 N., R. 22 W.

Chains

W. of cor.

41.50 Middle of slough, containing stagnant water, 50 lks. wide, brs. N. 15° E. and S. 15° W.

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

T 5 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. edge

from which

A mesquite 12 ins. dia. brs. N. 85° E., 32 lks. dist.

Mkd. T 5 N R 22 W S 24 B T.

A mesquite 6 ins. dia. brs. S. 4°30' E., 46 lks. dist.

Mkd. T 5 N R 22 W S 25 B T.

A mesquite 8 ins. dia. brs. S. 5°30' W., 35 lks. dist.

Mkd. T 5 N R 22 W S 26 B T.

A mesquite 6 ins. dia. brs. N. 19°30' W., 89 lks. dist.

Mkd. T 5 N R 22 W S 23 B T.

Land, level bottom, subject to overflow, - grazing.

Soil, adobe, 2nd rate.

Dense brush of arrow weed and mesquite, full distance.

From the cor. of secs. 23, 24, 25 and 26, I run

East on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.20 Falls 10 lks. N. of the cor. of secs. 19, 24, 25 and 30, on E. bdy. of Tp.

Thence I run

N. 89° 56' W. on a true line bet. secs. 24 and 25.

Over flat bottom land, through brush.

40.10 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 1911 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.

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

Land, flat bottom, subject to overflow, - grazing.

Soil, black adobe, 2nd rate.

Dense brush of arrow weed and scattered mesquite, full distance.

Subdivision of fractional T. 5 N., R. 22 W.

Chains.

From the cor. of secs. 23, 24, 25 and 26, I run West on a true line bet. secs. 23 and 26. Over flat bottom land, through dense brush.

21.43 Left bank of Colorado River, course S.

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

M C in W.
T 5 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 post.

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Thick brush of arrow weed and mesquite, full distance.

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

18.70 A surveyed line, marked by stakes 100 feet apart, brs. E. and W.

34.70 Middle of slough, containing stagnant water, 60 lks.wide, brs. NE. and SW.

40.00 Set an iron post for 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.

66.00 Middle of slough containing stagnant water, 200 lks.wide, brs. N. 20° W. and S. 20° E.

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

T 5 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

Subdivision of fractional T. 5 N., R. 22 W.

Chains.

which

A cottonwood 18 ins. dia. brs. S. 81° 00' E., 33 lks. dist.
Mkd. T 5 N R 22 W S 24 B T.

A mesquite 8 ins. dia. brs. N. 7° 30' W., 59 lks. dist.
Mkd. T 5 N R 22 W S 14 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.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and mesquite, full distance.

From the cor. of secs. 13, 14, 23 and 24, I run
S. 89° 56' E. on a random line bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.22 Falls 14 lks. N. of the cor. of secs. 13, 18, 19 and 24,
on E. bdy. of Tp.

Thence I run

N. 89° 50' W. on a true line bet. secs. 13 and 24.

Over flat bottom land, through brush.

27.00 Middle of slough, containing stagnant water, 150 lks. wide,
brs. N. and S. Thence over land, subject to overflow.

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

1/4 S 13 in N. half
S 24 1912 in S. half, from which

A mesquite 14 ins. dia. brs. S. 56° 30' E., 42 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.

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

Land, flat bottom, 53.00 chs. subject to overflow, - graz-
ing; 27.22 chs., agricultural.
Soil, adobe and black loam, 1st and 2nd rate.
Dense brush of arrow weed and mesquite, full distance.

Subdivision of fractional T. 5 N., R. 22 W.

Chains.

From the cor. of secs. 13, 14, 23 and 24, I run West on a true line bet. secs. 14 and 23. Over flat bottom land, through brush.

22.35 Left bank of Colorado River, course S.

Set an iron post for M.C. of ^{frac.}secs. 14 and 23, with brass cap stamped

M C in W.
T 5 N S 14 in NE. quadrant
R 22 W S 23 in SE. quadrant
1912 in S.
3 notches on S. edge, from which

A cottonwood 8 ins. dia. brs. N. 42° E., 67 lks. dist.
Mkd. T 5 N R 22 W S 14 M C B T.
A willow 6 ins. dia. brs. S. 22° W., 15 lks. dist.
Mkd. T 5 N R 22 W S 23 M C B T.

Land, flat bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed, and scattering willow and cottonwood timber.

January 19, 1912. At 9 a.m., l.m.t., I set off 33° 45½' on the lat. arc, 20° 29' 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° 01' W. bet. secs. 13 and 14.

Over flat bottom land, through brush.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 13 and 14, with brass cap stamped

¼ S 14 in W. half
S 13 in E. half
1912 in S., from which

A mesquite 8 ins. dia. brs. N. 60° 15' E., 71 lks. dist.
Mkd. ¼ S 13 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.

74.50 Middle of slough containing stagnant water, 50 lks. wide, brs. E. and W.

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

Subdivision of fractional T. 5 N., R. 22 W.

Chains

with brass cap stamped

T 5 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. edge

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 bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and mesquite, 80.00 chs.

From the cor. of secs. 11, 12, 13 and 14, I run
S. 89° 50' E. on a random line bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

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

Thence I run

N. 89° 47' W. on a true line bet. secs. 12 and 13.

Over flat bottom land, through brush.

30.00 Bank, 3 ft. high, brs. N. and S. Thence over land, sub-
ject to overflow.

31.25 Middle of slough containing stagnant water, 100 lks. wide,
brs. N. and S.

40.06 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 1911 in S. half, from which

A mesquite 6 ins. dia. brs. N. 41° E., 41 lks. dist.
Mkd. 1/4 S 12 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.

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

Land, flat bottom, subject to overflow, - grazing, 50.12
chs.; agricultural, 30.00 chs.
Soil, adobe and black loam, 1st and 2nd rate.
Dense brush of arrow weed and mesquite, 80.12 chs.

Subdivision of fractional T. 5 N., R. 22 W.

Chains

From the cor. of secs. 11, 12, 13 and 14, I run
West on a true line bet. secs. 11 and 14.
Over flat bottom land, through brush.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 11 and 14,
with brass cap stamped

$\frac{1}{4}$ S 11 in N. half
S 14 1912 in S. half, from which

A cottonwood 6 ins. dia. brs. S. 48° 15' E., 31 lks. dist.
Mkd. $\frac{1}{4}$ S 14 B T.

A cottonwood 6 ins. dia. brs. N. 77° 45' E., 19 lks. dist.
Mkd. $\frac{1}{4}$ S 11 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.

40.50 Left bank of Colorado River, course S. 10° E.

Set an iron post for M.C. of ^{frac.}secs. 11 and 14, with brass
cap stamped

M C in W. half, 1912 in S.,
T 5 N S 11 in NE. quadrant
R 22 W S 14 in SE. quadrant
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 bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed, and mesquite and cottonwood
timber, 40.50 chs.

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

Over flat bottom land, subject to overflow, through brush.

40.00 Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 11 and 12,
with brass cap stamped

$\frac{1}{4}$ S 11 in W. half
S 12 in E. half
1912 in S., from which

A cottonwood 10 ins. dia. brs. N. 0° 45' W., 145 lks. dist.
Mkd. $\frac{1}{4}$ S 11 B T.

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

BOOK 2337

Subdivision of fractional T. 5 N., R. 22 W.

Chains

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

T 5 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., from which

A cottonwood 20 ins. dia. brs. S. 60° 15' W., 55 lks. dist.
Mkd. T 5 N R 22 W S 11 B T.

A cottonwood 24 ins. dia. brs. S. 71° 00' E., 81 lks. dist.
Mkd. T 5 N R 22 W S 12 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 bottom, subject to overflow, - grazing and agricultural.

Soil, adobe, 2nd rate.

Dense and scattering brush of arrow weed; and mesquite, cottonwood, and willow timber.

From the cor. of secs. 1, 2, 11 and 12, I run

S. 89° 47' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.10 Falls 24 lks. S. of the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp.

Thence I run

N. 89° 57' W. on a true line bet. secs. 1 and 12.

Over level bottom land, through brush.

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

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

A mesquite 10 ins. dia. brs. N. 34° 30' E., 47 lks. dist.
Mkd. 1/4 S 1 B T.

A mesquite 10 ins. dia. brs. S. 87° 30' W., 55 lks. dist.
Mkd. 1/4 S 12 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.

55.00 Dry slough, brs. N. and S. (50 lks. wide).

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

Subdivision of fractional T. 5 N., R. 22 W.

Chains

Land, level bottom, - grazing and agricultural.
Soil, adobe and sandy loam, 1st and 2nd rate.
Dense and scattering brush of arrow weed and mesquite,
80.10 chs.

January 19, 1912. At the cor. of secs. 1, 2, 11 and 12,
I set off 20° 28½' S. on the decl. arc, and at 12h 10m
35s p.m., l.m.t., observe the sun on the meridian; the
resulting lat. is 33° 47½'; the proper lat.

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

40.00 Set an iron post for ¼ sec. cor. bet. secs. 2 and 11, with
brass cap stamped

¼ S 2 in N. half
S 11 1912 in S. half, from which

A cottonwood 24 ins. dia. brs. S. 40° 15' W., 24 lks. dist.
Mkd. ¼ S 11 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.

60.45 Middle of slough containing stagnant water, 60 lks. wide,
brs. N. and S.

72.50 Left bank of Colorado River, course S.

Set an iron post for M.C. of frac. secs. 2 and 11, with
brass cap stamped

M C in W. half
T 5 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. S ft. E. of cor., and raise a
mound 4 ft. base, 2 ft. high, E. of post.

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and mesquite; cottonwood and
willow timber,

From the cor. of secs. 1, 2, 11 and 12, I run

Subdivision of fractional T. 5 N., R. 22 W.

Chains

N. 0° 01' W. on a random line bet. secs. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect the cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp.

Thence I run

S. 0° 01' E. on a true line bet. secs. 1 and 2.

Over flat bottom land, through brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 1 and 2, with brass cap stamped

1/4 S 2 in W. half
S 1 in E. half
1912 in S., from which

A mesquite 10 ins. dia. brs. N. 26° W., 119 lks. dist.
Mkd. 1/4 S 2 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.

64.00 Middle of slough containing stagnant water, 225 lks. wide, brs. N. 45° E. and S. 45° W.

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

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense and scattering brush of arrow weed and mesquite,
80.00 chs.

From the cor. of secs. 2, 3, 34 and 35, on N. bdy. of Tp.

I run

S. 0° 01' E. on a true line bet. secs. 2 and 3.

Over level bottom land, through brush.

6.15 Middle of slough containing stagnant water, 230 lks. wide, brs. N. 15° W. and S. 15° W. Thence over overflow land.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 2 and 3, with brass cap stamped

1/4 S 3 in W. half
S 2 in E. half
1912 in S., from which

A cottonwood 8 ins. dia. brs. N. 61° 15' W., 19 lks. dist.
Mkd. 1/4 S 3 B T.

BOOK 247

Subdivision of fractional T. 5 N., R. 22 W.

Chains.

A cottonwood 8 ins. dia. brs. N. 84° E., 20 lks. dist.
Mkd. $\frac{1}{4}$ S 2 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.

65.60 Left bank of Colorado River, course S. 20° E.

Set an iron post for M.C. of frac. secs. 2 and 3, with
brass cap stamped

M C 1912 in S. half
T 5 N S 2 in NE. quadrant
R 22 W S 3 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 cor.

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed; and cottonwood and willow
timber, 55.60 chs.

Jan. 19, 1912.

Meanders of left bank of Colorado River,
down stream.

January 20, 1912. At 9 a.m., l.m.t., I set off 33° 48 $\frac{1}{2}$ '
on the lat. arc, 20° 16 $\frac{1}{2}$ ' S. on the decl. arc, and
determine a meridian with the solar at the M.C. of secs.
3 and 34, on N. bdy. of Tp.

Thence I run with meanders through sec. 3.

Over level land, through brush.

S. 11° 00' W. 2.55 chs.
S. 10° 45' N. 11.30 "
S. 15° 30' E. 24.60 "
S. 20° 45' E. 17.40 "
S. 25° 15' N. 13.23 " To M.C. bet. secs. 2 and 3.

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense and scattering brush of arrow weed, full distance.

Thence with meanders in sec. 2.

Over level bottom land, through brush.

S. 27° 39' E. 16.24 chs. To M.C. bet. secs. 2 and 11.

Subdivision of fractional T. 5 N., R. 22 W.

Chains

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and willow, full distance.

Thence with meanders in sec. 11.

Over level bottom land, through brush.

| | | |
|---------------|-------|------|
| S. 24° 00' E. | 15.75 | chs. |
| S. 26° 45' E. | 12.75 | " |
| S. 25° 30' E. | 2.30 | " |
| S. 32° 00' E. | 6.20 | " |
| S. 16° 15' E. | 3.00 | " |
| S. 14° 15' E. | 1.00 | " |
| S. 10° 45' E. | 3.10 | " |
| S. 17° 45' E. | 6.30 | " |
| S. 17° 00' E. | 2.85 | " |
| S. 26° 45' E. | 1.05 | " |
| S. 15° 45' E. | 6.75 | " |
| S. 20° 45' E. | 3.25 | " |
| S. 20° 30' E. | 3.30 | " |
| S. 22° 00' E. | 2.35 | " |
| S. 20° 30' E. | 1.35 | " |
| S. 25° 45' E. | 3.30 | " |
| S. 18° 00' E. | 4.90 | " |
| S. 10° 15' E. | 1.70 | " |
| S. 17° 00' E. | .80 | " |
| S. 23° 45' E. | 2.20 | " |
| S. 17° 00' E. | 2.32 | " |
| South | 1.00 | " |

To M.C. of secs. 11 and 14.

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and mesquite;
Timber, cottonwood and willow.

Thence with meanders in sec. 14.

Over level bottom land, through brush.

| | | |
|---------------|------|------|
| S. 5° 45' E. | .60 | chs. |
| S. 18° 30' E. | 4.85 | " |
| S. 15° 15' E. | 2.15 | " |
| S. 16° 45' E. | 2.00 | " |
| S. 19° 15' E. | 4.45 | " |
| S. 20° 30' E. | 1.75 | " |
| S. 19° 30' E. | 2.90 | " |
| S. 16° 45' E. | 8.15 | " |
| S. 16° 15' E. | 2.30 | " |
| S. 20° 30' E. | 4.60 | " |
| S. 15° 30' E. | 2.00 | " |
| S. 17° 15' E. | 4.35 | " |
| S. 15° 00' E. | 4.45 | " |
| S. 11° 30' E. | 1.80 | " |
| S. 11° 45' E. | 2.65 | " |
| S. 10° 15' E. | 3.20 | " |
| S. 18° 00' E. | 3.00 | " |
| S. 17° 00' E. | 2.55 | " |
| S. 7° 00' E. | 9.05 | " |
| S. 1° 00' E. | .75 | " |
| S. 3° 00' E. | 2.70 | " |
| S. 2° 45' W. | 1.45 | " |
| S. 0° 30' N. | 1.65 | " |
| S. 2° 15' W. | 4.20 | " |

Subdivision of fractional T. 5 N., R. 22 W.

Chains

S. 3° 00' W. 1.95 chs.
 S. 1° 00' W. 1.35 "
 S. 13° 15' E. 1.90 " To M.C. of secs. 14 and 23.

Land, level bottom, subject to overflow, - grazing.
 Soil, adobe, 2nd rate.
 Dense brush of arrow and willow, full distance.

Thence with meanders in sec. 23.

Over level bottom land, through brush.

S. 54° 00' W., .25 chs.
 S. 00° 30' W. 3.10 "
 S. 2° 30' E. 6.20 "
 S. 1° 30' E. 2.00 "
 S. 3° 15' W. 1.55 "
 S. 0° 30' E. 1.60 "
 S. 4° 00' W. 1.80 "
 S. 0° 15' E. 6.00 "
 S. 8° 15' W. 4.45 "
 S. 6° 30' W. 1.40 "
 S. 7° 30' W. 5.75 "
 S. 5° 30' E. 2.25 "
 S. 7° 15' E. 2.25 "
 S. 1° 30' E. 26.85 "
 S. 4° 00' E. 11.45 "
 S. 11° 30' E. 3.50 " To M.C. of secs. 23 and 26.

Land, level bottom, subject to overflow, - grazing.
 Soil, adobe, 2nd rate.
 Dense brush of arrow weed, mesquite and willow, full distance.

January 20, 1912. At this M.C., I set off 20° 15 $\frac{1}{2}$ ' S.,
 on the decl. arc, and at 12h 10m 54s P.M., l.m.t., observe
 the sun on the meridian; the resulting lat. is 33° 45',
 the proper lat.

Thence with meanders in sec. 26.

Over level bottom land, through brush.

South 3.05 chs.
 S. 14° 45' E. 5.70 "
 S. 1° 00' E. 11.40 "
 S. 22° 45' W. 2.20 "
 S. 25° 15' W. 1.30 "
 S. 17° 45' W. 2.30 "
 S. 3° 15' W. 1.20 "
 S. 26° 00' W. 1.30 "
 S. 2° 15' E. 3.45 "
 S. 7° 30' E. 5.20 "
 S. 12° 30' E. 6.80 "
 S. 6° 30' E. 6.90 "
 S. 8° 45' E. 9.00 "
 S. 11° 15' E. 5.80 "
 S. 20° 00' E. 16.65 " To M.C. of secs. 26 and 35.

BOOK

Subdivision of fractional T. 5 N., R. 22 W.

Chains.

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Dense brush of arrow weed and willow, full distance.

Thence with meanders in sec. 35.

Over level bottom land, through brush.

- S. 15° 45' E. 10.60 chs.
- S. 4° 00' E. 14.70 "
- S. 5° 30' E. 3.00 "
- S. 19° 30' E. 10.60 "
- S. 47° 45' E. 5.16 " To M.C. of secs. 35 and 36.

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

Thence with meanders in sec. 36.

Over flat bottom land, through brush.

- S. 20° 50' E. 41.42 chs. To M.C. of sec. 36, on 1st
Standard Parallel, on S.bdy.
of Tp.

Land, level bottom, subject to overflow, - grazing.
Soil, adobe, 2nd rate.
Scattering and dense brush of arrow weed and willow.

Jan. 20, 1912.

Subdivision of fractional T. 5 N. R. 22 W.

GENERAL DESCRIPTION.

This township consists of low river bottom, part of which is subject to overflow during ordinary high water stages of the river, and all was overflowed during an exceptionally high stage of the river in October, 1911. The lower land is covered with a dense growth of arrow weed and willow brush, while on the higher land there is considerable mesquite brush. The land cannot be classed as agricultural, but affords good grazing when the river is low. The soil is principally adobe, second rate.

GUY P. HARRINGTON
U. S. Surveyor.

List of Assistants.

Earl G. Harrington (Instrumentmen
A. O. Stinson)

C. A. Simson (Chainmen
R. P. Duffy)
Louis G. Hurst ()
William Cort)

J. W. Rodgers (Moundsmen
Clifford Mc Laughlin)

W. J. Walshe (Flagmen
Leonard Blodgett)

Chas. W. Bowman &
W. E. Rose)
(Axemen
John Mc Alpin)
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. 5 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. | |
| Earl G. Harrington | Nov. 1, 1911 | Apr. 1, 1912 | Instrumentman |
| A. O. Stinson | ditto. | ditto. | ditto. |
| C. A. Simson | ditto | ditto | Chainman |
| R. P. Duffy | ditto | ditto | ditto |
| Louis G. Hurst | ditto | Feb. 27, 1912 | ditto |
| William Cort | ditto | ditto | ditto |
| J. W. Rodgers | ditto | April 1, 1912 | Moundsman |
| Clifford Mc Laughlin | ditto | ditto | ditto |
| W. J. Walshe | ditto | ditto | Flagman |
| Leonard Blodgett | ditto | ditto | ditto |
| Chas. W. Bowman | ditto | ditto | Axman |
| W. R. Rose | ditto | ditto | ditto |
| E. W. Hoagland | ditto | ditto | ditto |
| John Mc Alpin | Jan. 1, 1912 | ditto | ditto |

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

FINAL OATH OF UNITED STATES SURVEYOR.

BOOK 2467

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 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 frac. T. 5 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 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 Tallman
Commissioner of the General Land Office,

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 5 N., R. 22 W., Arizona, has been correctly copied from the original notes on file in this office.

(Signature)
Commissioner of the General Land Office

19

BOOK 2-87

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

I hereby certify that the survey of the subdivision and meander lines of frac. T. 5 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. Dunnington

Topographer in Charge.