

2764

BOOK 2764

# FIELD NOTES

OF THE SURVEY OF THE

Subdivision Lines of

Frac. TOWNSHIP 4 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

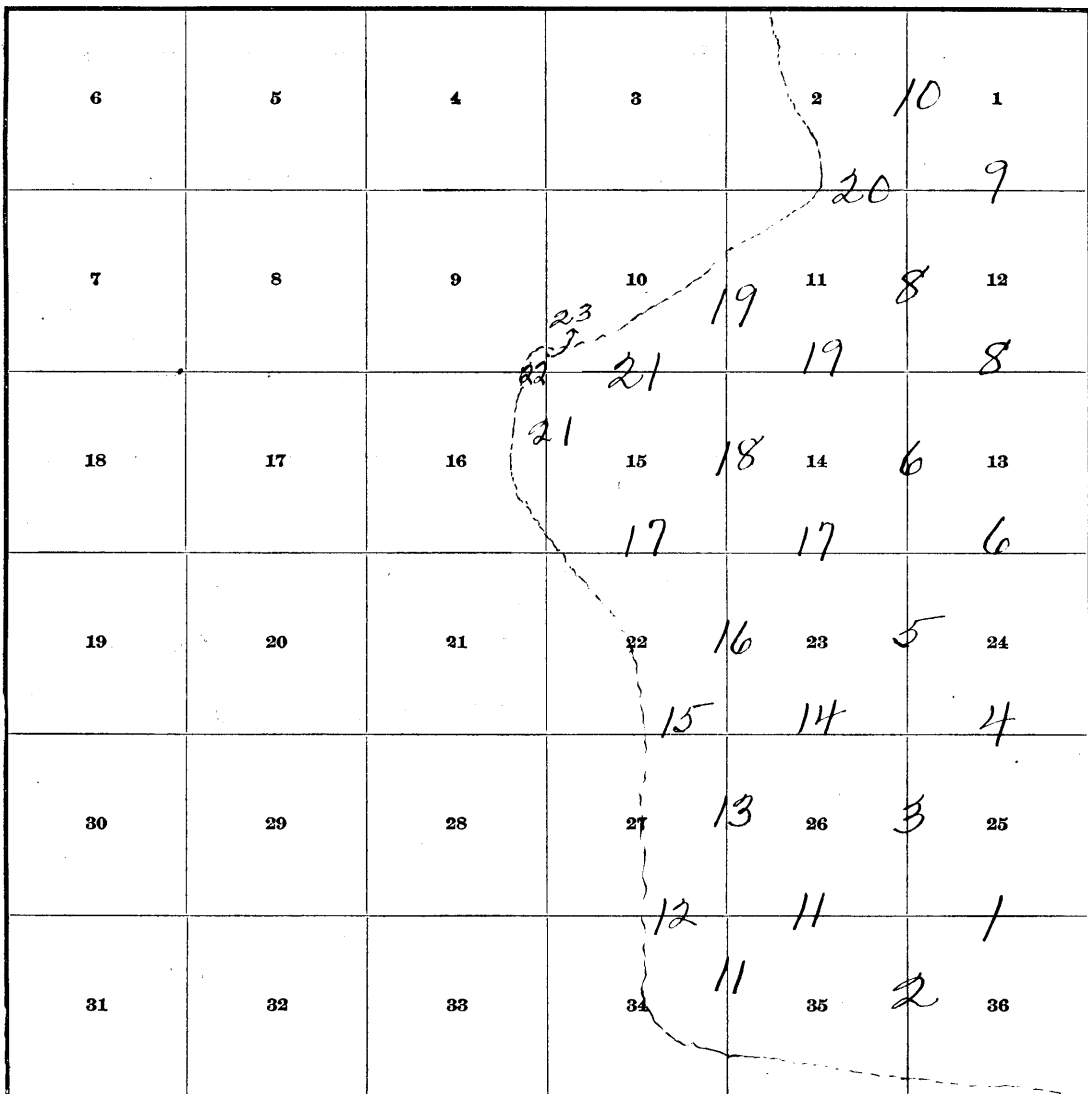
Survey commenced January 22, 1912

Survey completed January 29, 1912.

BOOK 2764

# INDEX DIAGRAM.

Township 4 North, Range 22 West



Meanders Pages 23 to 26 incl.

Subdivision of fractional T. 4 N., R. 22 W.

Chains

Survey commenced Jan. 22, 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.

Jan. 22, 1912. At my camp which is in Sec. 24, T. 4 N., R. 22 W., lat. 33° 40', long. 114° 29', southwestern Arizona, at 11h 19.6m, Civil Date and Mean time, I observe Polaris at Western elongation, and mark the line of sight on the ground.

Jan. 23, 1912. I turn 1° 24' to the East of the line of observation of Polaris, and preserve the meridian thus established for tests of solar instruments while surveying T. 4 N., Rgs. 21 and 22 W.

Jan. 23, 1912. At 9 a.m., l.m.t., I set off 33° 38½' on the lat. arc, 19° 37' 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 rolling mesa land.

33.00 Wash, course N. 40° W.

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

¼ S 25 in N. half  
S 36 1912 in S. half

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

Subdivision of fractional T. 4 N., R. 22 W.

Chains

- 51.00 Road, brs. N. and S. (Parker to Ehrenberg)
- 57.00 Leave rolling mesa land, brs. N. and S.  
Thence over flat river bottom, through brush.
- 68.00 Road, brs. N. 60° E. and S. 60° W. (Parker to Ehrenberg;  
western branch).
- 75.00 Slough, 1 ch. wide, brs. N. and S.
- 80.00 Set an iron post for the cor. of secs. 25, 26, 35 and 36,  
with brass cap stamped

T 4 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 10 ins. dia. brs. S. 71° 15' W., 137 lks. dist.  
 Mkd. T 4 N R 22 W S 35 B T.

A willow 6 ins. dia. brs. N. 88° 30' W., 172 lks. dist.  
 Mkd. T 4 N R 22 W S 26 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, rolling mesa and flat river bottom, - grazing.  
 Soil, sandy loam and adobe, 2nd rate.  
 Dense brush of arrow weed and mesquite, 23.00 chs.

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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 level bottom land, through brush.

- 13.00 Middle of slough containing stagnant water, 50 lks. wide,  
brs. N. 30° E. and S. 30° W.
- 21.50 Wire fence, brs. E. and W.
- 33.25 Middle of slough, 40 lks. wide, brs. N. 30° E. and S. 30° W.
- 33.75 Wire fence, brs. E. and W.
- 39.10 Set an iron post for W.C. to ¼ sec. cor. bet. secs. 35 and  
36, with brass cap stamped  

¼ S 35 in W. half  
 S 36 in E. half  
 1912 in S.,  
 and WC in addition

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.

Subdivision of fractional T. 4 N., R. 22 W.

Chains

40.00 Point for 1/4 sec. cor. falls in slough 50 lks. wide, containing running water, course S. 25° E.

46.00 Slough, containing running water, 40 lks. wide, course S. 25° E.

55.50 Middle of same slough, containing running water, 40 lks. wide, course W.

55.80 Wire fence, brs. E. and W.

66.42 Intersect the S. bdy. of the Colorado River Indian Reservation 1.92 chs. west of Initial Monument.

Set an iron post for C.C. of secs. 35 and 36, with brass cap stamped

PL in S.  
C C C R I R in N.  
T 4 N S 36 in NE. quadrant  
R 22 W S 35 in NW. quadrant  
1912 in S.  
1 notch on E. and 5 notches on W. edges

Build a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

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

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

Ober level bottom land, through brush.

10.00 Slough, 1 ch. wide, brs. NW. and SE.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 25 and 26, with brass cap stamped

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 1/2 ft. base, 1 1/2 ft. high, W. of cor.

63.00 Middle of slough, containing stagnant water, 40 lks. wide, brs. N. 65° E. and S. 65° W.

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

Subdivision of fractional T. 4 N., R. 22 W.

Chains

with brass cap stamped

T 4 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

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).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, willow and mesquite, full  
distance.

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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.

79.92 Falls 2 lks. S. of the cor of secs. 19, 24, 25 and 30,  
on E. bdy. of Tp.

Thence I run  
S. 89° 59' W. on a true line bet. secs. 24 and 25.  
Over rolling mesa land.

21.00 Leave mesa, brs. N. and S. Thence over flat bottom land,  
through brush.

24.00 Road, brs. N. 30° E. and S. (Parker to Ehrenberg)

33.50 Road, brs. N. and S. (Parker to Ehrenberg).

37.96 Set an iron post for W.C. to 1/4 sec. cor. with brass cap  
stamped

WC 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.

39.96 True point for 1/4 sec. cor. falls in slough of water,  
1 ch. wide, bearing N. and S.

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

Land, rolling mesa and flat bottom, - grazing. (Subject  
to overflow)

Subdivision of fractional T. 4 N., R. 22 W.

Chains

Soil, sandy and adobe, 2nd rate.  
Brush of arrow weed, mesquite and willow, 58.92 chs.

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Jan. 23, 1912. At the cor of secs. 23, 24, 25 and 26,  
I set off 19° 36' S. on the decl arc, and at 12h 11m  
46s p.m., l.m.t., observe the sun on the meridian; the  
resulting lat. is 33° 40', the proper lat.

Thence I run

N. 0° 01' W. bet. secs. 23 and 24.

Over flat bottom land, through brush.

1.00 Middle of slough, containing stagnant water, 50 lks. wide,  
brs. N. 30° E. and S 30° W.

6.00 Middle of bend of same slough, containing stagnant water,  
150 lks. wide, brs. S. 10° E. and N. 15° E.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 23 and 24,  
with brass cap stamped

$\frac{1}{4}$  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 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

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

T 4 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 notch on E. edges,

from which

A mesquite 12 ins. dia. brs. N. 3° 15' E., 54 lks. dist.  
Mkd. T 4 N R 22 W S 13 E T.

A mesquite 12 ins. dia brs. S. 87° 00' W., 14 lks. dist.  
Mkd. T 4 N R 22 W S 23 E 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, flat bottom, - grazing. (Subject to overflow)  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, mesquite and willow, full  
distance.

Subdivision of fractional T. 4 N., R. 22 W.

Chains

From the cor. of secs. 13, 14, 23 and 24, I run  
N. 89° 59' E. on a random line bet. secs. 13 and 24.

40.00 Set temp. ¼ sec. cor.

79.80 Falls 7 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 flat bottom land, through brush.

10.05 Road, brs. N. 15° E. and S. 15° W. (Parker to Ehrenberg)  
Ruins of La Paz, bear S., 8 chs. dist.

23.10 Middle of slough containing stagnant water, 150 lks. wide,  
brs. N. 10° E. and S. 10° W.

39.90 Set an iron post for the ¼ sec. cor. bet. secs. 13 and  
24, with brass cap stamped

¼ S 13 in N. half  
S 24 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.

55.00 Middle of slough containing stagnant water, 500 lks. wide,  
brs. N. 20° E. and S. 20° W.

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

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

Land, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, willow and mesquite, 79.80  
chs.

Jan. 23, 1912.

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Jan. 24, 1912. At 9 a.m., 1.m t., I set off 33° 41' on  
the lat. arc, 19° 23' S. on the decl. arc, and deter-  
mine 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.



Subdivision of fractional T. 4 N., R. 22 W.

Chains

13.00 Middle of dry slough, 75 lks. wide, brs. E. and W.

33.70 Middle of slough containing stagnant water, 60 lks. wide, brs. N. 30° W. and S. 30° E.

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

44.50 Middle of dry slough, 110 lks. wide, brs. N. 65° E. and S. 65° W.

64.00 Middle of slough containing stagnant water, 70 lks. wide, brs. E. and W.

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

T 4 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 notch on E. edge,

from which

A mesquite 12 ins dia brs. N. 48° 45' E., 17 lks. dist.  
Mkd. T 4 N R 22 W S 12 B T.

A mesquite 15 ins dia brs. S. 70° 00' E., 18 lks. dist.  
Mkd. T 4 N R 22 W S 13 B T.

A mesquite 18 ins dia brs. N. 54° 00' W., 15 lks. dist.  
Mkd. T 4 N R 22 W S 11 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, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, quail brush and mesquite,  
80.00 chs.

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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.  $\frac{1}{4}$  sec. cor.

79.80 Falls 14 lks. N. of the cor. of secs. 7, 12, 13 and 18,

Subdivision of fractional T. 4 N., R. 22 W.

Chains

on E. bdy. of Tp.

Thence I run

N. 89° 58' W. on a true line bet. secs. 12 and 13.

Over flat bottom land, through brush.

24.00 Middle of slough containing stagnant water, 300 lks. wide, brs. N. 10° E. and S. 10° W.

39.90 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

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.

56.20 Slough containing stagnant water, 80 lks. wide, brs. N. 60° E. and S. 60° W.

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

Land, level bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, quail and mesquite, 79.80 chs.

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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, through brush.

40.00 Set an iron post for 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 mesquite 24 ins dia. brs. S. 62° 00' E., 100 lks. dist.  
Mkd. 1/4 S 12 B T.  
A mesquite 14 ins dia. brs. S. 24° 30' W., 55 lks. dist.  
Mkd. 1/4 S 11 B T.

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

T 4 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

Subdivision of fractional T. 4 N., R. 22 W.

Chains

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, - grazing. (Subject to overflow). Soil, adobe, 2nd rate. Dense brush of arrow weed, mesquite and quail, 80.00 chs.

Jan. 24, 1912. At this cor., I set off 19° 21 1/4' S. on the decl. arc, and at 12h 12m 02s p.m., 1 m.t., observe the sun on the meridian; the resulting lat. is 33° 42 1/4' the proper lat.

From the cor. of secs. 1, 2, 11 and 12, I run S. 89° 58' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

79.74 Falls 8 lks. S. of the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp.

Thence I run S. 89° 59' W. on a true line bet. secs. 1 and 12.

Over level bottom land, through brush.

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

24.00 Middle of dry slough, 100 lks. wide, brs. N. and S.

39.87 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

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.

41.00 Middle of dry slough, 80 lks. wide, brs. N. and S.

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

Land, flat bottom, - grazing. (Subject to overflow). Soil, adobe, 2nd rate. Dense and scattering brush of arrow weed, mesquite and quail, 79.74 chs.

Subdivision of fractional T. 4 N., R. 22 W.

Chains

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 bottom land, through brush.

- 1.50 Dry slough, 150 lks. wide, brs. E. and W.
- 30.00 Middle of slough, 30 lks. wide, brs. E. and W.
- 40.00 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 2,  
with brass cap stamped

$\frac{1}{4}$  S 2 in W. half  
S 1 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.

- 79.82 Intersect the N. bdy. of Tp., 90 lks. E. of the Standard  
 $\frac{1}{4}$  sec. cor. of sec. 36, T. 5 N., R. 22 W., on 1st Stand-  
ard Parallel N.

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

C C 1912 in S.  
T 4 N S 2 in SW. quadrant  
R 22 W S 1 in SE. quadrant  
1 notch on E. and 5 on W. edges,

from which

A willow 8 ins. dia. brs. S. 79° 00' W., 11 lks. dist.  
Mkd. T 4 N R 22 W S 2 B T.  
A willow 8 ins. dia. brs. S. 62° 00' E., 11 lks. dist.  
Mkd. T 4 N R 22 W S 1 B T.

Dig pits 24x18x12 ins. E. and W., 3 ft., and S. of cor.  
7 ft. dist., and raise a mound of earth 4 ft. base, 2  
ft. high, S. of post.

Land, flat bottom, - grazing. (Subject to overflow.  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed and quail, full distance.  
Timber, cottonwood and willow.

Jan. 24, 1912.

January 25, 1912. At 9 a.m., l.m.t., I set off 33° 39'  
on the lat. arc, 19° 08 $\frac{1}{2}$ ' S. on the decl. arc, and  
determine a meridian with the solar at the cor. of secs.  
25, 26, 35 and 36.

Thence I run

Subdivision of fractional T. 4 N., R. 22 W.

Chains	
	West on a true line bet. secs. 26 and 35. Over level bottom land, through brush.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 26 and 35, with brass cap stamped  $\frac{1}{4}$ S 26 in N. half S 35 1912 in S. half, from which  A cottonwood 24 ins. dia. brs. N.57°15'E., 37 lks.dist. Mkd. $\frac{1}{4}$ S 26 B T.  Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
43.80	Middle of slough containing stagnant water, 65 lks. wide, brs. N. and S.
62.65	Dry slough, course S.
65.50	Middle of slough containing stagnant water, 100 lks. wide, brs. N. 50° W. and S. 50° E.
80.00	Set an iron post for the cor. of secs. 26, 27, 34 and 35, with brass cap stamped  T 4 N S 26 in NE. quadrant R 22 W S 35 in SE. quadrant S 34 in SW. quadrant S 27 in NW. quadrant 1912 in S. 1 notch on S. and 2 notches on E. edges,  from which  A willow 10 ins. dia. brs. N.28°00'W., 50 lks. dist. Mkd. T 4 N R 22 W S 27 B T. A willow 14 ins. dia. brs. S.11°15'E., 118 lks.dist. Mkd. T 4 N R 22 W S 35 B T. A willow 10 ins. dia. brs. S.53°00'W., 86 lks. dist. Mkd. T 4 N R 22 W S 34 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, flat bottom, - grazing. (Subject to overflow). Soil, adobe, 2ndrate. Dense brush of arrow weed, willow, cottonwood and mesquite, full distance.
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	From the cor. of secs. 26, 27, 34 and 35, I run S. 0° 01' E. on a true line bet. secs. 34 and 35. Over level bottom land, through brush.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35, with brass cap stamped

Subdivision of fractional T. 4 N., R. 22 W.

Chains

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

A willow 10 ins. dia. brs. S. 5° 15' W., 57 lks. dist.  
Mkd. 1/4 S 34 B T.  
A willow 8 ins. dia. brs. S. 6° 15' E., 60 lks. dist.  
Mkd. 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 1/2 ft. base, 1 1/2 ft. high,  
W. of cor.

66.46 Intersect the S. bdy. of the Colorado River Indian Reser-  
vation, 181 lks. West of Mile Post ~~XXXX~~, which mile  
post is 1 mile west of the Initial Point.  
Set an iron post for C.C. of secs. 34 and 35, with brass  
cap stamped

P L in S.  
C C C R I R in N.  
T 4 N S 35 in NE. quadrant  
R 22 W S 34 in NW. quadrant  
1912 in S.  
2 notches on E. and 4 on W. edges,

from which

A willow 6 ins. dia. brs. N. 68° 30' E., 57 lks. dist.  
Mkd. T 4 N R 22 W S 35 B T.

Dig pits 24x18x12 ins. E. and W., 3 ft., and N. of cor.  
7 ft. dist., and raise a mound of earth 4 ft. base, 2  
ft. high, N. of cor.

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

Jan. 25, 1912. At this C.C. I set off 19° 07 1/4' S. on the  
decl. arc, and at 12h 12m 17s p.m., l.m.t. observe the  
sun on the meridian; the resulting lat. is 33° 38', the  
proper lat.

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From the cor. of secs. 26, 27, 34 and 35, I run  
West on a true line bet. secs. 27 and 34.  
Over level bottom land, through brush.

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

40.00 Set an iron post for 1/4 sec cor. bet. secs. 27 and 34,  
with brass cap stamped

Subdivision of fractional T. 4 N., R. 22 W.

Chains

1/4 S 27 in N. half  
S 34 1912 in S. half, from which

A willow 6 ins dia. brs. N. 39° 15' E., 82 lks. dist.  
Mkd. 1/4 S 27 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.

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

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

M C in W. half  
T 4 N S 27 in NE. quadrant  
R 22 W S 34 in SE. quadrant  
1912 in S.  
1 notch 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, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed and willow, full distance.

-----  
From the cor. of secs. 26, 27, 34 and 35, I run  
N. 0° 01' W. bet. secs. 26 and 27.

Over level bottom land, through brush.

2.60 Middle of slough, containing stagnant water, 150 lks.  
wide, brs. E. and W.

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  
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.

69.50 Middle of slough, containing stagnant water, 320 lks.  
wide, brs. N. 65° W. and S. 65° E.

80.00 Set an iron post for the cor. of secs. 22, 23, 26 and 27,  
with brass cap stamped

100-1-102

Subdivision of fractional T. 4 N., R. 22 W.

Chains

T 4 N S 23 in NE. quadrant  
R 22 W S 26 in SE. quadrant  
S 27 in SW. quadrant  
S 22 in NW. quadrant

1912 in S.  
2 notches on S. and 2 on E. edges, from which

A willow 6 ins. dia. brs. S. 12° 15' E., 50 lks. dist.  
Mkd. T 4 N R 22 W S 26 B T.

A cottonwood 6 ins. dia. brs. N. 89° 55' W., 16 lks. dist.  
Mkd. T 4 N R 22 W S 22 B T.

A willow 6 ins. dia. brs. S. 53° 30' W., 47 lks. dist.  
Mkd. T 4 N R 22 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, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, mesquite, willow and quail,  
full distance.

-----  
From the cor. of secs. 22, 23, 26 and 27, I run  
East on a random line bet. secs. 23 and 26.

40.00 Set temp. ¼ sec. cor.

80.06 Falls 10 lks. N. of the cor. of secs. 23, 24, 25 and 26.

Thence I run

N. 89° 56' W. on a true line bet. secs. 23 and 26.

Over level bottom land, through brush.

10.25 Middle of slough containing stagnant water, 50 lks. wide,  
brs. N. 10° E. and S. 10° W.

40.03 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 cottonwood 30 ins. dia. brs. S. 10° 30' E., 49 lks. dist.  
Mkd. ¼ S 23 B T.

A cottonwood 36 ins. dia. brs. N. 60° 45' W., 17 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.

41.65 Middle of slough containing stagnant water, 40 lks. wide,  
brs. N. and S.

62.50 Middle of slough, containing stagnant water 50 lks. wide



Subdivision of fractional T. 4 N., R. 22 W.

Chains	
	brs. N. and S.
77.10	Middle of slough containing stagnant water, 400 lks.wide,
	brs. NW. and SE.
80.06	The cor. of secs. 22, 23, 26 and 27.
	Land, flat bottom, - grazing. (Subject to overflow).
	Soil, adobe, 2nd rate.
	Dense brush of arrow weed, mesquite and willow, full distance.
	-----
	From the cor. of secs. 22, 23, 26 and 27, I run
	West on a true line bet. secs. 22 and 27.
	Over level bottom land, through brush.
9.40	Middle of slough containing stagnant water, 350 lks. wide,
	brs. NW. and SE.
40.00	Set an iron post for $\frac{1}{4}$ sec. cor. bet. secs. 22 and 27,
	with brass cap stamped
	$\frac{1}{4}$ S 22 in N. half
	S 27 1912 in S. half, from which
	A cottonwood 6 ins.dia.brs. S.68°00'W., 17 lks.dist.
	Mkd. $\frac{1}{4}$ S 27 B T.
	A cottonwood 8 ins.dia.brs. N.20°30'E., 17 lks.dist.
	Mkd. $\frac{1}{4}$ S 22 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.
52.70	Left bank of Colorado River, course S.
	Set an iron post for M.C. of frac. secs. 22 and 27, with
	brass cap stamped
	M C in W. half
	T 4 N S 22 in NE. quadrant
	R 22 W S 27 in SE. quadrant
	1912 in S.
	2 notches on S. edge, from which
	A cottonwood 6 ins.dia.brs. N.19°30'E., 43 lks. dist.
	Mkd. T 4 N R 22 W S 22 M C B T.
	A cottonwood 6 ins.dia.brs. S.19°15'W., 37 lks. dist.
	Mkd. T 4 N R 22 W S 27 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, level bottom, - grazing. (Subject to overflow).
	Soil, adobe, 2nd rate.
	Dense brush of arrow weed, full distance.
	Timber, cottonwood, willow and mesquite.

Subdivision of fractional T. 4 N., R. 22 W.

Chains

Jan. 26, 1912. At 9 a.m., l.m.t., I set off 33° 39 $\frac{3}{4}$ ' on the lat. arc, 18° 54' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 22, 23, 26 and 27.

Thence I run

N. 0° 01' W. bet. secs. 22 and 23.

Over level bottom land, through brush.

2.00 Middle of slough containing stagnant water, 200 lks. wide, brs. NW. and SE.

27.60 Middle of slough containing stagnant water 50 lks. wide, brs. N. 45° W. and S. 45° E.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 22 and 23, with brass cap stamped

$\frac{1}{4}$  S 22 in W. half  
S 23 in E. half  
1912 in S., from which

A willow 12 ins. dia. brs. N. 81° 30' W., 77 lks. dist.  
Mkd.  $\frac{1}{4}$  S 22 B T.

A cottonwood 16 ins. dia. brs. S. 45° 45' E., 125 lks. dist.  
Mkd.  $\frac{1}{4}$  S 23 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. 14, 15, 22 and 23, with brass cap stamped

T 4 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 on E. edges,

from which

A willow 6 ins. dia. brs. S. 76° 00' W., 101 lks. dist.  
Mkd. T 4 N R 22 W S 22 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, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed and mesquite, full distance.  
Timber, cottonwood and willow.

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Subdivision of fractional T. 4 N., R. 22 W.

Chains

From the cor. of secs. 14, 15, 22 and 23, I run  
 S. 89° 56' E. on a random line bet. secs. 14 and 23.

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

80.26 Falls 12 lks. S. of the cor of secs. 13, 14, 23 and 24.  
 Thence I run  
 S. 89° 59' W. on a true line bet. secs. 14 and 23.  
 Over level bottom land, through brush.

40.13 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 14 and 23,  
 with brass cap stamped

$\frac{1}{4}$  S 14 in N. half  
 S 23 1912 in S. half

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.

80.26 The cor. of secs. 14, 15, 22 and 23.  
 Land, flat bottom, - grazing. (Subject to overflow).  
 Soil, adobe, 2nd rate.  
 Dense brush of arrow weed and mesquite, full distance.  
 Jan. 26, 1912. At this cor., I set off 18° 52 $\frac{1}{4}$ ' S. on  
 the decl. arc, and at 12h 12m 31s p.m., l.m.t., observe  
 the sun on the meridian; the resulting lat. is 33° 40 $\frac{1}{2}$ '  
 the proper lat.

-----

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

30.00 Middle of slough containing stagnant water, 40 lks. wide,  
 brs. N. and S.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 15 and 22,  
 with brass cap stamped

$\frac{1}{4}$  S 15 in N. half  
 S 22 1912 in S. half, from which

A cottonwood 14 ins. dia. brs. N. 4° 00' E., 41 lks. dist.  
 Mkd.  $\frac{1}{4}$  S 15 B T.

A cottonwood 14 ins. dia. brs. S. 61° 30' W., 101 lks. dist.  
 Mkd.  $\frac{1}{4}$  S 22 B T.

Dig pits 18x18x12 ins. E. and W. of cor. 3 ft. dist.,

Subdivision of fractional T. 4 N., R. 22 W.

Chains

and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,  
N. of cor.

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

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

M C in W. half  
T 4 N S 15 in NE. quadrant  
R 22 W S 22 in SE. quadrant  
1912 in S.  
3 notches on S. edge, from which

A cottonwood 10 ins. dia. brs. S. 57° 45' E., 54 lks. dist.  
Mkd. T 4 N R 22 W S 22 M C B T.

A cottonwood 12 ins. dia. brs. N. 3° 00' E., 17 lks. dist.  
Mkd. T 4 N R 22 W S 15 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, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, full distance.  
Timber, cottonwood and willow.

-----  
From the cor. of secs. 14, 15, 22 and 23, I run  
N. 0° 01' W. bet. secs. 14 and 15.  
Over level bottom land, through brush.

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 14 and 15,  
with brass cap stamped

1/4 S 15 in W. half  
S 14 in E. half  
1912 in S., from which

A willow 10 ins. dia. brs. N. 67° 00' E., 94 lks. dist.  
Mkd. 1/4 S 14 B T.

A mesquite 12 ins. dia. brs. N. 79° 30' W., 78 lks. dist.  
Mkd. 1/4 S 15 B T.

Dig pits 18x18x12 ins. N. and S. of cor. 3ft. 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. 10, 11, 14 and 15,  
with brass cap stamped

T 4 N S 11 in NE. quadrant  
R 22 W S 14 in SE. quadrant  
S 15 in SW. quadrant  
S 10 in NW. quadrant  
1912 in S.  
4 notches on S. and 2 on E. edges, from

Subdivision of fractional T. 4 N., R. 22 W.

Chains

which

A willow 10 ins. dia. brs. N.60°15'W., 31 lks. dist.  
Mkd. T 4 N R 22 W S 10 B T.

A willow 8 ins. dia. brs. N.53°30'E., 40 lks. dist.  
Mkd. T 4 N R 22 W S 11 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, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, mesquite and willows, full  
distance.

Jan. 26, 1912.

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Jan. 27, 1912. At 9 a.m., l.m.t., I set off 33° 41' on  
the lat. arc, 18° 39' S. on the decl. arc, and deter-  
mine a meridian with the solar, at the cor. of secs. 10,  
11, 14 and 15.

Thence I run

N. 89° 59' E. on a random line bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

80.22 Falls 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence I run

S. 89° 56' W. on a true line bet. secs. 11 and 14.

Over level bottom land, through brush.

15.00 Dry wash, course S. 60° W.

40.11 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, from which

A willow 8 ins. dia. brs. N., 62 lks. dist.  
Mkd. ¼ S 11 B T.

A willow 10 ins. dia. brs. S. 78° 00' W., 52 lks. dist.  
Mkd. ¼ S 14 BT.

80.22 The cor. of secs. 10, 11, 14 and 15.

Land, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, full distance.

-----  
From the cor. of secs. 10, 11, 14 and 15, I run

N. 0° 01' W. bet. secs. 10 and 11.

Over flat bottom, through brush.

24.25 Dry wash, course S. 50° E.

## Subdivision of fractional T. 4 N., R. 22 W.

## Chains

40.00 Set an iron post for the  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 11,  
with brass cap stamped

$\frac{1}{4}$  S 10 in W. half  
S 11 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.

48.90 Left bank of Colorado River, course S. 70° 00' W.

Set an iron post for M.C. of frac. secs. 10 and 11, with  
brass cap stamped

M C in N. half  
T 7 N S 10 in SW. quadrant  
R 22 W S 11 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, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, full distance.

-----  
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, through brush.

26.04 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 4 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, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, willow and mesquite, full  
distance.

-----  
From the cor. of secs. 10, 11, 14 and 15, I run

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Subdivision of fractional T. 4 N., R. 22 W.

Chains

West on a true line bet. secs. 10 and 15.

Over flat bottom land, through brush.

36.78 Running stream of water 6 lks. wide, course S.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 15, with brass cap stamped

$\frac{1}{4}$  S 10 in N. half  
S 15 1912 in S. half, from which

A cottonwood 14 ins. dia. brs. S. 43° 15' W., 33 lks. dist.  
Mkd.  $\frac{1}{4}$  S 15 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.

80.00 Set an iron post for the cor. of secs. 9, 10, 15 and 16, with brass cap stamped

T 4 N S 10 in NE. quadrant  
R 22 W S 15 in SE. quadrant  
S 16 in SW. quadrant  
S 9 in NW. quadrant  
1912 in S.

4 notches on S. and 3 on E. edges,

from which

A cottonwood 12 ins. dia. brs. N. 2° 15' E., 19 lks. dist.  
Mkd. T 4 N R 22 W S 10 B T.

A cottonwood 16 ins. dia. brs. S. 69° 30' W., 44 lks. dist.  
Mkd. T 4 N R 22 W S 16 B T.

A willow 6 ins. dia. brs. S. 69° 00' E., 83 lks. dist.  
Mkd. T 4 N R 22 W S 15 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, flat bottom, - grazing. (Subject to overflow).  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, willow, cottonwood and mesquite full distance.

Jan. 27, 1912. At the cor. of secs. 9, 10, 15 and 16,

I set off 18° 37 $\frac{1}{2}$ ' S. on the decl. arc, and at 12h 12m 44s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 35° 42', the proper lat.

From the cor. of secs. 9, 10, 15 and 16, I run S. 0° 02' E. on a true line bet. secs. 15 and 16. Over flat bottom land, through brush.

Subdivision of fractional T. 4 N., R. 22 W.

Chains

40.00 Set an iron post for 1/4 sec. cor. bet. secs. 15 and 16, with brass cap stamped

1/4 S 16 in W. half  
S 15 in E. half  
1912 in S., from which

A cottonwood 16 ins. dia. brs. S. 56° E., 22 lks. dist.  
Mkd. 1/4 S 15 B T.

A cottonwood 18 ins. dia. brs. N. 40° W., 56 lks. dist.  
Mkd. 1/4 S 16 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.

73.87 Left bank of Colorado River, course S. 40° E.

Set an iron post for M.C. of frac. secs. 15 and 16, with brass cap stamped

M C 1912 in S. half  
T 4 N S 15 in NE. quadrant  
R 22 W S 16 in NW. quadrant  
3 notches on E. edge, from which

A cottonwood 14 ins. dia. brs. N. 72° 30' E., 118 lks. dist.  
Mkd. T 4 N R 22 W S 15 M C B T.

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



From the cor. of secs. 9, 10, 15 and 16, I run West on a true line bet. secs. 9 and 16. Over flat bottom land, through brush.

.70 Left bank of Colorado River, course S. 30° W.

Set an iron post for M.C. of frac. secs. 9 and 16, with brass cap stamped

M C in W. half  
T 4 N S 9 in NE. quadrant  
R 22 W S 16 in SE. quadrant  
1912 in S.  
4 notches on S. edge, from which

A cottonwood 8 ins. dia. brs. S. 72° 30' E., 19 lks. dist.  
Mkd. T 4 N R 22 W S 16 M C B T.

A willow 6 ins. dia. brs. N. 51° 45' E., 22 lks. dist.  
Mkd. T 4 N R 22 W S 9 M C B T.



Subdivision of fractional T. 4 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 bottom, subject to overflow, - grazing. Soil, adobe, 2nd rate. Dense brush of arrow weed and willow, full distance.

From the cor. of secs. 9, 10, 15 and 16, I run

N. 0° 02' W. bet. secs. 9 and 10.

Over flat bottom land, through brush.

.95 Left bank of Colorado River, course S. 30° W.

Set an iron post for M.C. of secs. 9 and 10, with brass cap stamped

M C in N. half  
T 4 N S 9 in SW. quadrant  
R 22 W S 10 in SE. quadrant  
1912 in S.  
3 notches on E. edge, from which

A willow 6 ins. dia. brs. N. 62° 30' E., 19 lks. dist.  
Mkd. T 4 N R 22 W S 10 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 bottom, subject to overflow, - grazing. Soil, adobe, 2nd rate. Dense brush of arrow weed and willow, full distance.

Jan. 27, 1912

Meanders of Left Bank of Colorado River  
Down stream.

Jan. 29, 1912. At 9 a.m., l.m.t., I set off 33° 43' on the lat. arc, 18° 08' S. on the decl. arc, and determine a meridian with the solar, at the M.C. of sec. 36, on 1st Standard Parallel N., on N. bdy. of Tp.

Thence I run with meanders through sec. 2, down stream. Over flat bottom land, through brush.

S. 5° 15' E.	2.90	chs.
S. 8° 45' E.	2.50	"
S. 9° 30' E.	6.25	"
S. 8° 30' E.	2.45	"
S. 14° 30' E.	4.90	"
S. 9° 00' E.	3.15	"

Subdivision of fractional T. 4 N., R. 22 W.

Chains

S. 12° 45' E.,	6.65	chs.	
S. 8° 15' E.,	8.70	"	
S. 4° 45' E.,	7.65	"	
S. 2° 45' W.,	5.60	"	
S. 2° 15' W.,	5.65	"	
S. 10° 15' W.,	8.90	"	
South	3.75	"	
S. 2° 15' E.,	3.00	"	
S. 28° 45' W.,	3.65	"	
S. 32° 30' W.,	2.50	"	
S. 31° 15' W.,	3.90	"	To M.C. of secs. 2 and 11.

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

-----

Thence in sec. 11.

Over flat bottom land, through brush.

S. 2° 00' W.	1.80	chs.	
S. 22° 00' W.	7.30	"	
S. 31° 15' W.	12.55	"	
S. 45° 45' W.,	12.45	"	
S. 60° 30' W.	8.35	"	
S. 64° 30' W.	3.30	"	
S. 68° 00' W.	4.60	"	
N. 56° 30' W.	4.50	"	
N. 25° 00' W.	3.00	"	
N. 13° 15' E.	3.40	"	
N. 67° 30' W.	2.65	"	
S. 70° 00' W.	15.60	"	To M.C. of secs. 10 and 11.

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

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Jan. 29, 1912. At the M.C. of secs. 10 and 11, I set off 18° 06½' S. on the decl. arc, and at 12h 13m 08s p.m., l.m.t., observe the sun on the meridian; the resulting lat. is 33° 41½', the proper lat.

Thence with meanders in sec. 10.

Over level bottom land, through brush.

S. 70° 15' W.	34.45	chs.	
S. 79° 30' W.	7.80	"	
S. 87° 45' W.	2.55	"	
S. 87° 15' W.	4.75	"	
S. 88° 45' W.	4.95	"	
S. 80° 30' W.	5.60	"	
N. 87° 30' W.	2.40	"	
N. 89° 15' W.	2.60	"	
S. 83° 00' W.	2.60	"	
N. 86° 15' W.	4.65	"	
S. 70° 45' W.	3.55	"	

Subdivision of fractional T. 4 N., R. 22 W.

Chains

S. 12° 45' W. 15.00 chs.  
S. 10° 45' W. 18.30 " To M.C. bet. secs. 9 and 10.

Land, level river bottom, - grazing.  
Soil, adobe, 2nd rate.  
Dense brush of arrow weed, with scattering cottonwood  
and willow timber.

-----  
Thence in sec. 9.

Over level bottom land, through brush.

S. 37° 21' W., 1.19 chs. to M.C. bet. secs. 9 and 16.

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

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Thence in sec. 16.

Over level bottom, through brush.

S. 45° 15' W. 19.60 chs.  
S. 12° 15' W. 23.50 "  
South 18.50 "  
S. 46° 50' E. 27.00 " To M.C. bet. secs. 15 and 16.

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

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Thence in sec. 15.

Over level bottom, through dense brush.

S. 29° 00' E., 7.00 chs. To M.C. bet. secs. 15 and 22.

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

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Thence in sec. 22.

Over level bottom, through dense brush.

S. 12° 45' E. 1.55 chs.  
S. 62° 45' E. 1.65 "  
S. 40° 45' E. 1.45 "  
S. 34° 00' E. 4.30 "  
S. 32° 00' E. 4.75 "  
S. 2° 30' W. 2.45 "  
S. 6° 30' W. 2.70 "  
S. 2° 00' W. 3.45 "  
S. 6° 45' E. 2.25 "  
S. 28° 15' E. 1.50 "

## Subdivision of fractional T. 4 N., R. 22 W.

## Chains

S. 1° 15' E., 3.50 chs.  
 S. 20° 30' E., 1.50 "  
 S. 27° 00' E., 4.45 "  
 S. 30° 30' E., 9.65 "  
 S. 17° 15' E., 4.35 "  
 S. 27° 15' E., 5.70 "  
 S. 13° 00' E., 3.30 "  
 S. 17° 45' E., 5.70 "  
 S. 8° 15' E., 8.10 "  
 S. 4° 30' E., 4.00 "  
 S. 5° 45' E., 5.60 "  
 S. 4° 00' W., 3.65 "  
 S. 15° 30' E., 0.56 " To M.C. bet. secs. 22 and 27.

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

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Thence in sec. 27.

Over level bottom land, through dense brush.

S. 37° 45' W., 0.55 chs.  
 S. 20° 30' W., 1.90 "  
 S. 6° 15' W., 1.15 "  
 S. 4° 45' W., 2.05 "  
 S. 13° 00' E., 1.90 "  
 S. 6° 00' E., 11.65 "  
 S. 5° 15' E., 3.75 "  
 South 6.20 "  
 S. 6° 00' W., 6.05 "  
 S. 8° 30' W., 2.20 "  
 S. 9° 15' W., 2.65 "  
 S. 1° 30' E., 9.55 "  
 S. 2° 00' E., 7.70 "  
 S. 9° 00' E., 6.30 "  
 S. 14° 15' E., 17.55 " To M.C. bet. secs. 27 and 34.

Land, level, subject to overflow, - grazing.  
 Soil, adobe, 2nd rate.  
 Dense brush of arrow weed, with scattering cottonwood  
 timber.

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Thence in sec. 34.

Over level bottom land, through dense brush.

S. 18° 00' W., 0.95 chs.  
 S. 12° 45' E., 5.10 "  
 S. 20° 15' E., 6.95 "  
 S. 42° 45' E., 11.75 "  
 S. 37° 00' E., 22.60 "  
 S. 30° 30' E., 24.30 "  
 S. 25° 00' E., 7.01 " To M.C. on S. bdy. of the  
 reservation.

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

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Jan. 29, 1912.

Subdivision of fractional T. 4 N., R. 22 W.

Chains

GENERAL DESCRIPTION.

This township consists , with the exception of Sec. 36 and the E. half of sec. 25, of low land subject to overflow. The river was very high in October 1911, and as a result the entire township was nothing more than a swamp. The low bottom contains considerable fair grazing land, there being a good growth after the recession of the river. The ruins of the town of La Paz are situated in Sec. 24. This town flourished between 1860 and 1870 and was entirely abandoned in the early '70 s. It is said to have contained five thousand inhabitants, and was the main supply point for Arizona. A very rich placer deposit was located about four miles East of the town from which it is stated, eight million dollars was realized.

One Mexican, with his Indian wife, lives in Sec. 36.

GUY P. HARRINGTON

U. S. Surveyor.

List of Assistants:

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

100-100

Washington, D.C., July 14 1914.

I hereby certify that the survey of the subdivision lines of T. 4 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 instructions given me dated Nov. 23, 1910, and the Manual of Surveying Instructions, and these field notes are a correct representation thereof.

A. F. Drummond  
Topographer in Charge.

BOOK

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. 4 N., R. 22 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.

Table with columns: NAME, PERIOD OF SERVICE (BEGUN, ENDED), CAPACITY. Rows include: Earl G. Harrington (Instrumentman), A. O. Stinson, Louis G. Hurst (Chainman), William Cort, C. A. Simson, R. P. Duffy, J. W. Rodgers (Moundsman), Clifford Mc Laughlin, W. J. Walshe (Flagman), Leonard Blodgett, W. E. Rose (Axeman), Chas. W. Bowman (Axeman), John Mc Alpin (Axeman), E. W. Hoagland (Axeman).

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.

BOOK 2764  
I,

**Guy P. Harrington**

U. S. Surveyor, do solemnly swear that, in pursuance

~~Commissioner of the General Land Office to~~

of special instructions received from the ~~U. S. Surveyor General for~~

**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

of the **Gila & Salt**  
**River** Meridian, in the State of **Arizona**,

which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, ~~and the special written instructions of the U. S. Surveyor General for~~ 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**2**.



**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*, 191**5**

The foregoing field notes of the survey of **subdivision lines of T. 4 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~~

**November 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 Tallman*

~~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 **T. 4 N., R. 22 W., Arizona**, has been correctly copied from the original notes on file in this office.

*Handwritten initials*

*Handwritten signature*

~~U. S. Surveyor General~~  
**Commissioner of the General Land Office.**