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Book "Q."  
(Subdivisions)

BOOK 3149

# FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

and

MEANDERS OF LEFT BANK OF COLORADO RIVER WITHIN FRACTIONAL  
TOWNSHIP 24 NORTH, RANGE 22 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Guy H. Richardson, U.S. Surveyor,

and

Hugo Price, U. S. Transitman,

under instructions dated Jan. 6, 1915,

issued by the United States Surveyor General to govern surveys included in  
Group No. 44, which were approved by the Commissioner of the General Land  
Office, Jan. 26, 1915.

Survey commenced Feb. 15, 1916.

Survey completed Feb. 28, 1916.

Executed under Assignment  
Instructions dated Nov. 29, 1915.

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BOOK 3149

Book "Q"  
(Subdivisions).

Group 44

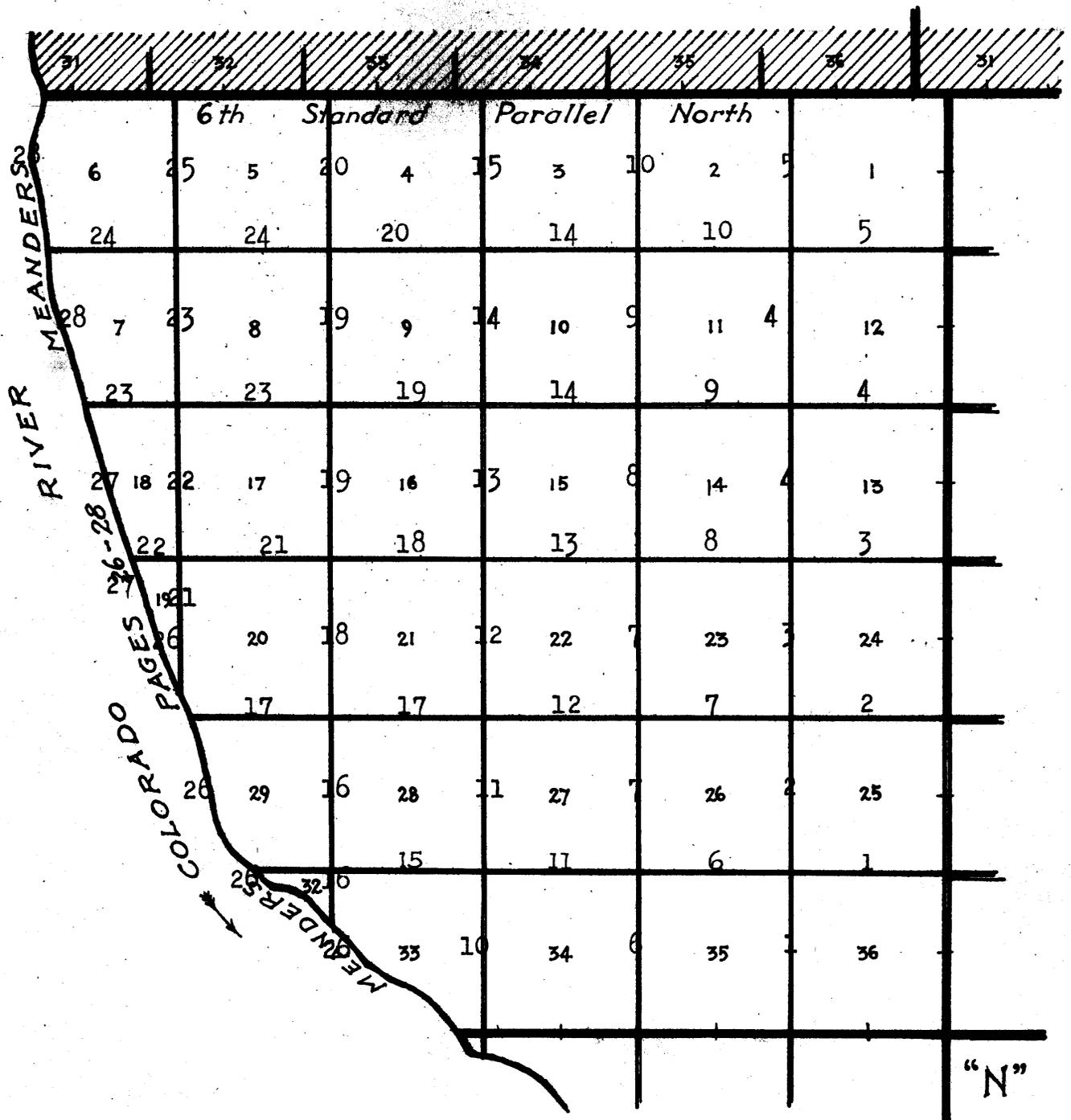
See Special Index Diagram.

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BOOK 3149



BOOK 3149

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Chains

Survey commenced Feb. 15, 1916, and executed jointly by Guy H. Richardson, U. S. Surveyor, and Hugo Price, U. S. Transitman.

Instruments used are described, with record of approval by the assistant supervisor of surveys and field tests, in Book "A".

All measurements made with steel tapes and clinometers.

The initials "G. H. R." and "H.P." are inserted in the following notes at the beginning and ending of those portions of the notes describing the surveys executed by Guy H. Richardson and Hugo Price, respectively.

G. H. R.  
H. P.

H. P.

Feb. 18, 1916.

I commence at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., described in Book "A".

At 9h 00m a.m., l.m.t., I set off  $35^{\circ}25'$  on the lat. arc;  $11^{\circ}54'$  S. on the decl. arc; and determine a meridian with the solar, at the cor. of secs. 1, 2, 35 and 36.

Thence I run

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

over rolling and broken land, through scattering undergrowth.

22.00 Wash, 100 lks. wide, course SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 35 in W., and  
S 36 in E. half; and  
1916 in S. rim;

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

52.30 Wash, 100 lks. wide, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked

T 24 N S 26 in NW.,

R 22 W S 25 in NE.,

S 36 in SE., and

S 35 in SW. quadrant; and

1916 in S. rim;

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

Land, rolling and broken.

Soil, rocky; 4th rate.

No timber.

Undergrowth, greasewood, catclaw and cactus.

40.00 East, on a random line, bet. secs. 25 and 36.

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

Intersect E. bdy. of Tp. at the cor. of secs. 25, 30, 31 and 36, described in Book "A".

Thence I run

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

over rolling and broken land, through scattering undergrowth.

25.05 Wash, 150 lks. wide, course SW.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 25 in N. half,  
S 36 in S. half, and  
1916 in S. rim;

Chains

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.
- 41.10 Wash, 50 lks. wide, course SW.  
80.06 The cor. of secs. 25, 26, 35 and 36.  
Land, rolling and broken.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood, catclaw and cactus.
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- N.0°01'W., bet. secs. 25 and 26,  
over rolling and broken land, through scattering under-  
growth.
- 3.00 Enter wash, course W.  
14.00 Leave same.  
27.50 Enter wash, course SW.  
37.70 Leave same.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 25 in E., and  
S 26 in W. half; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.
- 61.85 Wash, 2 chs. wide, course SW.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 23, 24, 25 and 26, with brass  
cap, marked  
T 24 N S 23 in NW.,  
R 22 W S 24 in NE.,  
S 25 in SE., and  
S 26 in SW. quadrant; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Land, rolling and broken.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood, catclaw and cactus.
- At this cor. I set off  $11^{\circ}52'S$ . on the decl. arc; and at  
apparent noon observe the sun on the meridian. The re-  
sulting lat. is  $35^{\circ}27'$ . Feb. 18, 1916.
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- Feb. 18, 1916.  
East, on a random line, bet. secs. 24 and 25.
- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
80.08 Intersect E. bdy. of Tp. 2 lks. S. of the cor. of secs.  
19, 24, 25 and 30, described in Book "A".  
Thence I run  
S.  $89^{\circ}59'W$ ., on a true line, bet. secs. 24 and 25,  
over rolling and broken land, through scattering under-  
growth.
- 10.00 Enter wash, course SW.  
35.00 Leave wash, course SW.  
40.04 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 24 in N. half,  
S 25 in S. half; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor. Impracticable to dig pits or set cor. in  
the ground.
- 80.08 The cor. of secs. 23, 24, 25 and 26.  
Land, rolling and broken.  
Soil, rocky; 3rd and 4th rate.  
No timber.  
Undergrowth, greasewood, catclaw and cactus.
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Subdivision of Fractional T. 24 N., R. 22 W.

Chains.

N.0°01'W., bet. secs. 23 and 24,  
 over rolling and broken land, through scattering under-  
 growth.

21.00 Wash, 15 lks. wide, 20 ft. deep, course SW.  
 27.70 Enter wash, course SW.  
 32.75 Leave same.  
 38.90 Enter wash, course W.  
 40.00 In wash,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 23 in W., and  
 S 24 in E. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.

41.30 Leave wash.  
 62.00 Enter wash, course W.  
 77.00 Leave same.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
 stone, for cor. of secs. 13, 14, 23 and 24, with brass  
 cap, marked  
 T 24 N S 14 in NW.,  
 R 22 W S 13 in NE.,  
 S 24 in SE.; and  
 S 23 in SW. quadrant; and  
 1916 in S rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. in  
 the ground.  
 Land, rolling and broken.  
 Soil, rocky and sandy; 4th rate.  
 No timber.  
 Undergrowth, greasewood, catclaw and cactus.  
 Feb. 18, 1916.

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Feb. 19, 1916.  
 At 9h 00m a.m., l.m.t., I set off 35°27 $\frac{1}{2}$ ' on the lat.  
 arc; 11°32 $\frac{1}{2}$ ' S. on the decl. arc; and determine a mer-  
 idian with the solar, at the cor. of secs. 13, 14, 23  
 and 24.  
 Thence I run  
 East, on a random line, bet. secs. 13 and 24.

40;00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.08 Intersect E. bdy. of T. 17 lks. S. of the cor. of secs.  
 13, 18, 19 and 24, described in Book "A".  
 Thence I run  
 S.89°53'W., on a true line, bet. secs. 13 and 24,  
 over rolling and broken land, through scattering under-  
 growth.

8.10 Wash, 100 lks. wide, course SW.  
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  S 13 in N. half,  
 S 24 in S. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.

57.10 Enter wash, course SW.  
 70.10 Leave same.  
 80.08 The cor. of secs. 13, 14, 23 and 24.  
 Land, rolling and broken.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, catclaw and cactus.

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Chains

N.0°01'W., bet. secs. 13 and 14,  
over rolling and broken land, through scattering under-  
growth.

4.10 Enter wash, course W.  
6.00 Leave same.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 13 in E., and  
S 14 in W. half; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor. Impracticable to dig pits or set cor. far-  
ther in the ground.

40.20 Wash, 15 lks. wide, 15 ft. deep, course W.  
56.00 Enter wash, course W.  
60.00 Leave same.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 11, 12, 13 and 14, with brass  
cap, marked  
T 24 N S 11 in NW.,  
R 22 W S 12 in NE.,  
S 13 in SE., and  
S 14 in SW. quadrant; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Land, rolling and broken.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood, catclaw and cactus.

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East, on a random line, bet. secs. 12 and 13.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.00 Intersect E. bdy. of Ep. 14 lks. S. of cor. of secs. 7, 12,  
13 and 18, described in Book "A".  
Thence I run  
S.89°54'W., on a true line, bet. secs. 12 and 13,  
over rolling land, through scattering undergrowth.

17.00 Wash, 150 lks. wide, course NW.  
33.00 Wash, 2 chs. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 12 in N. half,  
S 13 in S. half; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.

80.00 The cor. of secs. 11, 12, 13 and 14.  
Land, rolling.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood, catclaw and cactus.

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N.0°01'W., bet. secs. 11 and 12,  
over rolling land, through scattering undergrowth.

15.00 Wash, 150 lks. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
S 11 in W., and  
S 12 in E. half; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.

## Subdivision of Fractional T. 24 N., R. 22 W.

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Chains

65.00 Road from Chloride to Colorado River bears E. and W.  
 70.00 Wash, 2 chs. wide, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the  
 ground and 14 ins. in a mound of stone, for. cor. of  
 secs. 1, 2, 11 and 12, with brass cap, marked  
 T 24 N S 2 in NW.,  
 R 22 W S 1 in NE.,  
 S 12 in SE., and  
 S 11 in SW. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor. Impracticable to dig pits or set cor. far-  
 ther in the ground.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, catclaw and cactus.  
 Feb. 19, 1916.

Feb. 17, 1916.  
 East, on a random line, bet. secs. 1 and 12.  
 40.00 Set temp. ¼ sec. cor.  
 79.98 Intersect E. bay. of Tp. 16 lks. S. of the cor. of secs.  
 1, 6, 7 and 12, described in Book "A".  
 Thence I run  
 S. 89° 53' W., on a true line, bet. secs. 1 and 12,  
 over rolling land, through scattering undergrowth.  
 35.38 Road from Chloride to Colorado River bears NE. and SW.  
 39.99 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., with brass cap, marked  
 S 1 in N. half,  
 S 12 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 N. of cor.  
 79.98 The cor. of secs. 1, 2, 11 and 12.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood, catclaw and cactus.  
 Feb. 17, 1916.

Feb. 19, 1916.  
 N. 0° 01' W., on a true line, bet. secs. 1 and 2,  
 over rolling land, through scattering undergrowth.  
 28.50 Enter wash, course W.  
 32.10 Road bears E. and W.  
 35.00 Leave wash.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., with brass cap, marked  
 ½ in N.,  
 S 1 in E., and  
 S 2 in W. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 W. of cor.  
 72.37 Intersect 6th standard parallel north, 17.74 chs. E. of the  
 72.35 standard cor. of secs. 35 and 36, which is an iron post,  
 3 ins. diam., with brass cap, properly marked and witness-  
 ed (established under current Group No. 45).  
 At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for closing cor. of secs. 1 and 2, with brass cap,  
 marked  
 T 25 N R 22 W S 36 in N. half,  
 CC in S. half,  
 S 2 T 24 N in SW., and  
 S 1 R 22 W in SE. quadrant; and  
 1916. in S. rim;

Chains

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
S. of cor.  
Land, rolling,  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood, catclaw and cactus.

Feb. 19, 1916.

H. P.

G. H. R.

Feb. 23, 1916.

At 8h 30m a.m., l.m.t., I set off  $35^{\circ}25'$  on the lat. arc,  
 $10^{\circ}07'$  S. on the decl. arc; and determine a meridian  
with the solar, at the cor. of secs. 2, 3, 34 and 35,  
on the S. bdy. of Tp., described in Book "A".

Thence I run

N.  $0^{\circ}01'$  W., bet. secs. 34 and 35,

over rolling and broken land, through scattering undergrowth.

7.90 Enter wash, course W.

16.90 Leave same.

29.80 Wash, 4 chs. wide, course W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  in N.,

S 34 in W., and

S 35 in E. half; and

1916 in S. rim;

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

57.25 Enter wash, course W.

79.70 Leave same.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 26, 27, 34 and 35, with brass  
cap, marked

T 24 N S 27 in NW.,

R 22 W S 26 in NE.,

S 35 in SE., and

S 34 in SW. quadrant; and

1916 in S. rim;

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

Land, rolling and broken.

Soil, gravelly loam; 4th rate.

No timber.

Undergrowth, greasewood and catclaw.

East; on a random line, bet. secs. 26 and 35.

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

80.02 Intersect N. and S. line 3 lks. S. of the cor. of secs.  
25, 26, 35 and 36.

Thence I run

S.  $89^{\circ}59'$  W., on a true line, bet. secs. 26 and 35;

over rolling land, through scattering undergrowth.

20.00 Enter wash, course S.  $85^{\circ}$  W.; thence down bed of same.

40.01 Set an iron post, 3 ft. long, 1 ins. diam. 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$  S. 26 in N. half,

S 35 in S. half, and

1916 in S. rim;

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

65.00 Leave wash, course S.  $85^{\circ}$  W.

80.02 The cor. of secs. 26, 27, 34 and 35:

Land, rolling.

Soil, gravelly loam; 4th rate.

No timber.

Undergrowth, greasewood and sagebrush.

Subdivision of Fractional T. 24 N., R. 22 W. 7

Chains

N.0°01'W., bet. secs. 26 and 27,  
 over rolling and broken land, through scattering under-  
 growth.

20.00 Enter wash, course W.

40.00 In wash,  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 26 in E., and  
 S 27 in W. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.

45.00 Leave wash.

69.65 Enter wash, course SW. thence across bed of same to

80.00 In broad wash,  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 22, 23, 26 and 27, with brass  
 cap, marked  
 T 24 N S 22 in NW.,  
 R 22 W S 23 in NE.,  
 S 26 in SE., and  
 S 27 in SW. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor.

At this cor. I set off 10°04 $\frac{1}{2}$ ' S. on the decl. arc; and  
 at apparent noon observe the sun on the meridian.  
 The resulting lat. is 35°27'.  
 Land, rolling and rolling mountainous.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

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40.00 East, on a random line, bet. secs. 23 and 26.

80.06 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line, 4 lks. N. of the cor. of secs.  
 23, 24, 25 and 26.  
 Thence I run  
 N.89°58'W., on a true line, bet. secs. 23 and 26,  
 over rolling and broken land, through scattering under-  
 growth. Desc. gradually 200 ft. to

40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor. with brass cap, marked  
 $\frac{1}{4}$  S 23 in N. half,  
 S 26 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor.

63.00 Enter wash, course SW.; thence across bed of same.

80.06 The cor. of secs. 22, 23, 26 and 27.  
 Land, rolling.  
 Soil, gravelly loam, 4th rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.

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N.0°01'W., bet. secs. 22 and 23,  
 over rolling land, through scattering undergrowth.  
 across wash.

11.00 Leave wash, course SW.

26.45 Enter wash, course S.75°W.

37.20 Leave same.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 22 in W., and  
 S 23 in E. half; and  
 1916 in S. rim;

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
43.70 Enter wash, course W.  
51.50 Leave same.  
78.00 Enter wash, course SW.; thence across bed of same to  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 14, 15, 22 and 23, with brass  
cap, marked  
T 24 N S 15 in NW.,  
R 22 W S 14 in NE.,  
S 23 in SE., and  
S 22 in SW. quadrant; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
Land, rolling and broken.  
Soil, gravelly loam; 4th rate.  
No timber.  
Undergrowth, greasewood and sagebrush.  
Feb. 23, 1916.

Feb. 24, 1916.

Solar observations impossible on account of cloudy sky;  
so I proceed by means of transit lines from bearing  
previously determined.  
East, on a random line, bet. secs. 14 and 23.  
40.00 Set temp. ¼ sec. cor.  
80.14 Intersect N. and S. line 2 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 rolling and broken land, through scattering under-  
growth.  
22.15 Enter wash, course SW.; thence down bed of same.  
40.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked  
¼ in N.,  
S 14 in N., and  
S 23 in S. half; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
41.00 Leave wash, course SW.  
78.15 Enter wash, course SW.  
80.14 The cor. of secs. 14, 15, 22 and 23.  
Land, rolling and broken.  
Soil, gravelly and sandy; 4th rate.  
No timber.  
Undergrowth, greasewood, catclaw and cactus.

N. 0° 01' W., bet. secs. 14 and 15,  
over rolling and broken land, through scattering under-  
growth.  
Across bed of broad wash, course SW.  
30.00 Leave wash.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked  
¼ in N.,  
S 14 in E., and  
S 15 in W. half; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
55.00 Enter wash, course SW.  
70.00 Leave same.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the  
ground, for cor. of secs. 10, 11, 14 and 15, with brass

Subdivision of Fractional T. 24 N., R. 22 W. 9

Chains

cap, marked

T 24 N S 10 in NW.,  
R 22 W S 11 in NE.,  
S 14 in SE., and  
S 15 in SW. quadrant; and  
1916 in S. rim;

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

Land, rolling and broken.

Soil, gravelly loam; 4th rate.

No timber.

Undergrowth, greasewood, catclaw and cactus.

-----  
East, on a random line, bet. secs. 11 and 14.

40.00 Set temp. ¼ sec. cor.

80.10 Intersect N. and S. line, 8 lks. N. of cor. of secs.  
11, 12, 13 and 14.

Thence I run

N. 89° 57' W., on a true line, bet. secs. 11 and 14,  
over gently rolling land, through scattering under-  
growth.

5.15 Enter wash, course SW.

15.15 Leave same.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked

¼ S 11 in N/. half,  
S 14 in S. half; and  
1916 in S. rim;

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

50.17 Enter wash, course SW.

60.15 Leave same.

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

Land, gently rolling.

Soil, gravelly loam; 4th rate.

No timber.

Undergrowth, greasewood and cactus.

-----  
N. 0° 00' W., bet. secs. 10 and 11,

over gently rolling land, through scattering undergrowth.

1.00 Wash, course SW.

20.00 Road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked

¼ in N.,  
S 10 in W., and  
S 11 in E. half; and  
1916 in S. rim;

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

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 2, 3, 10 and 11, with brass  
cap, marked

T 24 N S 3 in NW.,  
R 22 W S 2 in NE.,  
S 11 in SE., and  
S 10 in SW. quadrant; and  
1916 in S. rim;

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

Land, gently rolling.

Soil, gravelly loam, 4th rate.

No timber.

Undergrowth, greasewood, sagebrush and catclaw.

Feb. 24, 1916.

G. H. R.

10

## Subdivision of Fractional T. 24 N., R. 22 W.

Chains	
	H. P. Feb. 17, 1916. East, on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor. 80.08 Intersect N. and S. line 14 lks. S. of the cor. of secs. 1, 2, 11 and 12. Thence I run S. $89^{\circ}54'W.$ , on a true line, bet. secs. 2 and 11, over rolling land, through scattering undergrowth. 32.00 Enter wash, course SW. 35.00 Leave same. 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 2 in N. half, S 11 in S. half, and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. 80.08 The cor. of secs. 2, 3, 10 and 11. Land, rolling. Soil, rocky; 4th rate. No timber. Undergrowth, greasewood and cactus.  Feb. 17, 1916. H. P.
	----- G. H. R., Feb. 24, 1916. N. $0^{\circ}01'W.$ , bet. secs. 2 and 3, (on true line) over gently rolling land, through scattering undergrowth. 35.00 Wash, course W. 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 2 in E., and S 3 in W. half; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. 72.41 Intersect 6th standard parallel N., 17.65 chs. E. of the standard cor. of secs. 34 and 35, which is an iron post, $\frac{3}{8}$ ins. diam., with brass cap, <b>properly marked and witnessed (established under current Group No. 45)</b> . At point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 2 and 3, with brass cap, marked T 25 N R 22 W S 35 in N. half, CC in S. half, T 24 N S 3 in SW., and R 22 W S 2 in SE. quadrant; and 1916 in S. rim; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Land, gently rolling. Soil, gravelly loam; 4th rate. No timber. Undergrowth, greasewood, sage brush and catelaw.  Cloudy during day, and solar observations impossible. Feb. 24, 1916. G. H. R.
	----- H. P. Feb. 23, 1916. From the cor. of sec. 34, and frac. secs. 3, 4, and 33 on S. bdy. of Tp. described in Book "A" I run, N. $0^{\circ}02'W.$ , bet. sec. 34, and frac. sec. 33. over level land, through dense timber and undergrowth.

Chains	
8.00	Leave heavy willow growth; bears E. and W.
30.00	Leave dense undergrowth and thence through scattering undergrowth.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap, marked $\frac{1}{2}$ in N., S 33 in W., and S 34 in E. half; and 1916 in S. rim; 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. At this cor. I set off 10°04'18" on the decl. arc; and at apparent noon observe the sun on the meridian. The resulting lat. is 35°-25 $\frac{1}{2}$ '.
45.00	Road brs. NW and SE.
50.00	Leave growth of arrowweed and thence through scattering growth of grassweed.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 34 and frac. sec. 33, with brass cap, marked E 24 N S 28 in NW., R 22 W S 27 in NE., S 34 in SE., and S 33 in SW. quadrant; and 1916 in S. rim; 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. Soil, sandy; 2nd rate. Timber, willow and cottonwood. Undergrowth, arrowweed, screw-bean, mesquite and grassweed.
-----	
	East, on a random line, bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
79.90	Intersect N. and S. line 4 lks. S. of the cor. of secs. 26, 27, 34 and 35. Thence I run S. 89°58' W., on a true line, bet. S. secs. 27 and 34, <del>Overrolling</del> land, through scattering undergrowth.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap, marked $\frac{1}{2}$ S 27 in N. half, S 34 in S. half, and 1916 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
60.00	Foot of rolling land, brs. NW and SE. Enter level bottom land.
79.90	The cor. of secs. 27, 28, 34, and frac. sec. 33. Land, rolling and level. Soil, west 20 chs. sandy, 2nd rate, and balance rocky; 4th rate. No timber. Undergrowth, grassweed.
Feb. 23, 1916.	
-----	
	Feb. 24, 1916. Sky overcast, so proceed with transit line from bearing as previously determined. N. 0°02' W., bet. secs. 27 and 28, over level land, through scattering undergrowth.
30.00	Wash, 20 lks. wide, course SW.
39.00	Wash, 15 lks. wide, course SW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap, marked $\frac{1}{2}$ in N., S 27 in E., and S 28 in W. half, and

Chains

1916 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor.  
55.00 Wash, 25 lks. wide, course SW.  
77.00 Wash, 20 lks. wide, course SW.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 21, 22, 27 and 28, with brass  
cap, marked  
T 24 N S 21 in NW.,  
R 22 W S 22 in NE.,  
S 27 in SE., and  
S 28 in SW. quadrant; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor,  
Land, level.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood.

-----  
East, on a random line, bet. secs. 22 and 27.  
40.00 Set temp. ¼ sec. cor.  
80.02 Intersect N. and S. line 4 lks. S. of the cor. of secs.  
22, 23, 26 and 27.  
Thence I run  
S. 89°58'W., on a true line, bet. secs. 22 and 27,  
over level land, through scattering undergrowth.  
5.00 Enter wash, course SW.  
15.00 Wash, 70 lks. wide, course SW.  
40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for ¼ sec. cor., with brass cap, marked  
¼ S 22 in N. half,  
S 27 in S. half, and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
N. of cor.  
50.00 Wash, 40 lks. wide, course SW.  
68.00 Wash, 50 lks. wide, course SW.  
77.00 Wash, 30 lks. wide, course SW.  
80.02 The cor. of secs. 21, 22, 27 and 28.  
Land, level.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood.

-----  
N. 0°02'W., bet. secs. 21 and 22,  
over level land, through scattering undergrowth.  
10.00 Wash, 30 lks. wide, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground and 8 ins. in a mound of stone, for ¼ sec. cor.,  
with brass cap, marked  
¼ in N.,  
S 21 in W., and  
S 22 in E. half, and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base, 1½ ft. high,  
W. of cor. Impracticable to dig pits or set cor. far-  
ther in the ground.  
41.00 Wash, 2 chs. wide, course W.  
65.00 Wash, 2.50 chs. wide, course W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 15, 16, 21 and 22, with brass  
cap. marked  
T 24 N S 16 in NW.,  
R 22 W S 15 in NE.,  
S 22 in SE., and  
S 21 in SW. quadrant; and  
1916 in S. rim;

Subdivision of Fractional T. 24 N., R. 222 W. 13

Chains

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Land, level.  
Soil, sandy and rocky; 3rd and 4th rate.  
No timber.  
Undergrowth, greasewood and mesquite.  
At this cor. I set off  $9^{\circ}42\frac{1}{2}'$  S. on the decl. arc; and  
at apparent noon observe the sun on the meridian. The  
resulting lat. is  $35^{\circ}27\frac{1}{2}'$ . Feb. 24, 1916.  
H. P.

G. H. R.  
Feb. 23, 1916.  
East, on a random line, bet. secs. 15 and 22.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.80 Intersect N. and S. line 20 lks. N. of the cor. of secs.  
14, 15, 22 and 23.  
Thence I run  
N.  $89^{\circ}51'W.$ , on a true line, bet. secs. 15 and 22,  
over gently rolling land, through scattering undergrowth.  
across broad wash.  
20.00 Leave wash, course SW.  
39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 15 in N. half,  
S 22 in S. half, and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.  
79.89 The cor. of secs. 15, 16, 21 and 22.  
Land, gently rolling.  
Soil, gravelly loam; 3rd rate.  
No timber.  
Undergrowth, greasewood.  
Feb. 23, 1916.  
G. H. R.

H. P.  
Feb. 24, 1916.  
N.  $0^{\circ}02'W.$ , bet. secs. 15 and 16,  
over rolling land, through scattering undergrowth.  
.50 Enter wash, course SW.  
4.00 Leave same.  
17.00 Enter wash, course W.  
22.00 Leave same, course SW.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in E.,  
S 15 in E., and  
S 16 in W. half; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
47.00 Wash, 190 lks. wide, course SW.  
65.40 Road from Chloride to Colorado river bears E. and W.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 9, 10, 15 and 16, with brass  
cap, marked  
T 24 N S 9 in NW.,  
R 22 W S 10 in NE.,  
S 15 in SE., and  
S 16 in SW. quadrant; and  
1916 in S. rim;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.  
Land, rolling.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood and cactus.  
Feb. 24, 1916.  
H. P.

14

## Subdivision of Fractional T. 24 N., R. 22 W.

Chains G. H. R.  
 Feb. 26, 1916.  
 East, on a random line, bet. secs. 10 and 15.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line 10 lks. N. of the cor. of secs.  
 10, 11, 14 and 15.  
 Thence I run  
 N.  $89^{\circ}56'W.$ , on a true line, bet. secs. 10 and 15,  
 over gently rolling land, through scattering undergrowth.  
 8.55 Enter wash, course SW.  
 21.95 Leave same.  
 35.05 Road from Ramsey's ranch to Chloride bears NE. and SW.  
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 10 in N. half,  
 S 15 in S. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 45.00 Enter wash, course SW.  
 57.80 Leave same.  
 79.96 The cor. of secs. 9, 10, 15 and 16.  
 Land, gently rolling.  
 Soil, gravelly loam; 3rd rate.  
 No timber.  
 Undergrowth, greasewood and sagebrush.  
 Feb. 26, 1916.  
 G. H. R.

H. P.  
 Feb. 24, 1916.  
 N.  $0^{\circ}02'W.$ , bet. secs. 9 and 10,  
 over rolling land, through scattering undergrowth.  
 10.00 Wash, 2 chs. wide, course SW.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the  
 ground and 6 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 9 in W., and  
 S 10 in E. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor. Pits impracticable to dig pits or set cor. far-  
 41.00 Wash, 75 lks. wide, course SW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 3, 4, 9 and 10, with brass  
 cap, marked  
 T 24 N S 4 in NW.,  
 R 22 W S 3 in NE.,  
 S 10 in SE., and  
 S 9 in SW. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood and cactus.  
 Feb. 24, 1916.

Feb. 17, 1916.  
 East, on a random line, bet. secs. 3 and 10.  
 40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
 79.90 Intersect N. and S. line 21 lks. N. of the cor. of secs.  
 2, 3, 10 and 11.  
 Thence I run  
 N.  $89^{\circ}51'W.$ , on a true line, bet. secs. 3 and 10,  
 over rolling land, through scattering undergrowth.  
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{2}$  sec. cor., with brass cap, marked

Subdivision of Fractional T. 24 N., R. 22 W. 15

Chains

79.90  $\frac{1}{2}$  S 3 in N. half,  
 S 10 in S. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor.  
 The cor. of secs. 3, 4, 9 and 10.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood and cactus.  
 Feb. 17, 1916.

25.00 Feb. 24, 1916.  
 33.00 N.0°02'W., on a true line, bet. secs. 3 and 4,  
 40.90 over rolling land, through scattering undergrowth.  
 Wash, 3 chs. wide, course W.  
 Along W. slope of butte.  
 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the  
 ground and 4 ins. in a mound of stone, for  $\frac{1}{4}$  sec. cor.,  
 with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 3 in E.,  
 S 4 in W. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 W. of cor. Impracticable to dig pits or set cor. farther  
 in the ground.

50.00 Wash, course SW.  
 72.17 Intersect 6th standard parallel N., 18.00 chs. E. of the  
 standard cor. of secs. 33 and 34, which is an iron post,  
 3 ins. in diam., with brass cap, properly marked and witnessed  
 (established under current Group No.45).  
 At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for closing cor. of secs. 3 and 4, with brass  
 cap, marked  
 CC in S. half;  
 T 25 N R 22 W S 34 in N. half;  
 T 24 N S 4 in SW., and  
 R 22 N S 3 in SE. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 S. of cor.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood and cactus.  
 Feb. 24, 1916.

25.00 Feb. 23, 1916. From cor. of secs. 27, 28, 34 and frac. sec. 33,  
 29.90 West, on a true line, bet. sec. 28, and frac. sec. 33.  
 40.00 over level land, through scattering undergrowth.  
 Enter scattering growth of arrowweed.  
 Road bears NW. and SE.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 28 in N. half,  
 S 33 in S. half, and  
 1916 in S. rim;  
 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. Feb. 23, 1916.

60.00 Feb. 24, 1916.  
 80.00 At this cor., at 8h 00m a.m., l.m.t., I set off 35°26'  
 on the lat. arc; 9°45' S. on the decl. arc; and determine  
 a meridian with the solar.  
 Enter dense undergrowth; bears NW. and SE.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of sec. 28, and frac. secs. 29, 32 and 33.

16

Subdivision of Fractional R. 24 N., R. 22 W.

Chains

cap, marked

T 24 N S 29 in NW.,  
R 22 W S 28 in NE.,  
S 33 in SE., and  
S 32 in SW. quadrant; and  
1916 in S. rim;

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.

Soil, sandy and rocky; 4th rate.

No timber.

Undergrowth, greasewood, arrowweed, willow, screw-bean and  
salt-brush.

Feb. 24, 1916.

H. P.

G. H. R.

Feb. 25, 1916.

At 8h 00m a.m., l.m.t., I set off 35°26' on the lat. arc,  
9°23' S. on the decl. arc; and determine a meridian with  
the solar at the cor. of sec. 28, and frac. secs. 29, 32 & 33.

Thence I run

S. 0°03' E., on a true line, bet. frac. secs. 32 and 33.

through scattering growth of timber and dense undergrowth,  
over river bottom land.

15.00

Leave timber; bears NW. and SE.

26.75

To left bank of Colorado River, hrs. N. 38° W. and S. 41° E.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for meander cor. of frac. secs. 32 and 33, with  
brass cap, marked

MC in S. half,

T 24 N S 32 in NW., and

R 22 W S 33 in NE. quadrant; and

1916 in S. rim;

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, level river bottom.

Soil, sandy loam; 2nd rate.

Timber, cottonwood, willow and screw-bean.

Undergrowth, arrowweed, willow and salt-brush.

From cor. of sec. 28, and frac. secs. 29, 32 and 33,

West, on a true line, bet. frac. secs. 29 and 32.

through scattering timber and dense undergrowth, over  
level river bottom.

37.98

To left bank of Colorado River, hrs. N. 57 1/2° W. and S. 30° E.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for meander cor. of frac. secs. 29 and 32,  
with brass cap, marked

MC in W. half,

T 24 N S 29 in NE., and

S 32 R 22 W in SE. quadrant; and

1916 in S. rim;

from which

A willow, 10 ins. diam., bears N. 67° 45' E., 90 lks. dist.,  
marked T 24 N R 22 W S 29 BT.

A willow, 15 ins. diam., bears S. 75° 30' E., 53 lks. dist.,  
marked T 24 N R 22 W S 32 BT.

Land, level river bottom.

Soil, sandy loam; 4th rate.

Timber, cottonwood, willow and screw-bean.

Undergrowth, arrow-weed, scrub willow and salt brush.

From cor. of sec. 28 and frac. secs. 29, 32 and 33,

N. 0° 03' W., bet. sec. 28 and frac. sec. 29.

over level river bottom land, through scattering timber  
and dense undergrowth.

30.00

Leave timber and undergrowth; bears NW. and SE.

Subdivision of Fractional T. 24 N., R. 22 W. 17

Chains	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 28 in E., and S 29 in W. half; and 1916 in S. rim; 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.
71.20	Road from Ramsey's ranch to points down Colorado River bears NW. and SE.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 28, and fracl. secs. 20 and 29, with brass cap, marked T 24 N S 20 in NW., R 22 W S 21 in NE., S 28 in SE., and S 29 in SW. quadrant; and 1916 in S. rim; 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 river bottom. Soil, sandy loam; 2nd rate. Timber, willow, cottonwood and screw-bean. Undergrowth, arrow-weed, willow and salt-brush.
-----	
40.00	East, on a random line, bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 10 lks. N. of cor. of secs. 21, 22, 27 and 28. Thence I run
37.15	N. $89^{\circ}56'$ W., on a true line, bet. secs. 21 and 28, over slightly rolling land, with scattering undergrowth.
40.00	Enter river bottom; bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 21 in N. half, S 28 in S. half, and 1916 in S. rim; 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.
80.00	The cor. of secs. 21, 28, and fracl. secs. 20 and 29. Land, level river bottom and gently rolling. Soil, sandy and gravelly loam; 2nd and 3rd rate. No timber. Undergrowth, greasewood and sage-brush.
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13.60	West, on a true line, bet. fracl. secs. 20 and 29. over level river bottom, through scattering undergrowth. Road from Ramsey's ranch down Colorado River bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 20 in N. half, S 29 in S. half, and 1916 in S. rim; 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.
45.00	Enter scattering timber and dense undergrowth; bears NW. and SE.
77.86	To left bank of Colorado River, brs. N. $8\frac{1}{4}^{\circ}$ W., and south. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of fracl. secs. 20 and 29, with brass cap, marked.

18-

Subdivision of Fractional T. 24 N., R. 22 W.

Chains

MC in W. half,  
 T 24 N S 20 in NE., and  
 R 22 W S 29 in SE. quadrant; and  
 1916 in S. rim;  
 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 river bottom.  
 Soil, sandy loam; 2nd rate.  
 Timber, willow, cottonwood and screw-bean.  
 Undergrowth, arrow-weed, willow and salt-brush.  
 Feb. 25, 1916.

Feb. 26, 1916.  
 At 10h 00m a.m., l.m.t., I set off 35°27' on the lat. arc;  
 9° S. on the decl. arc; and determine a meridian with  
 the solar, at the cor. of secs. 21, 28, and fracl. secs.  
 20 and 29. Thence I run  
 N.0°03'W., bet. sec. 21 and fracl. sec. 20.  
 over level river bottom, through scattering undergrowth.  
 18.60 SE. cor. of settler's fence which extends W. and N., bears  
 W., 30 lks. dist.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 20 in W., and  
 S 21 in E. half; and  
 1916 in S. rim;  
 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.  
 60.18 NE. cor. of same fence, which extends S. and W., bears W.,  
 3.60 chs. dist.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 16, 17 and 21, and fracl. sec. 20,  
 with brass cap, marked  
 T 24 N S 17 in NW.,  
 R 22 W S 16 in NE.,  
 S 21 in SE., and  
 S 20 in SW. quadrant; and  
 1916 in S. rim;  
 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 river bottom.  
 Soil, sandy loam, 4th rate.  
 No timber.  
 Undergrowth, greasewood, sage-brush and mesquite.  
 Feb. 26, 1916.

Feb. 23, 1916.  
 East, on a random line, bet. secs. 16 and 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.92 Intersect N. and S. line 5 lks. S. of the cor. of secs.  
 15, 16, 21 and 22.  
 Thence I run  
 S.89°58'W., on a true line, bet. secs. 16 and 21,  
 over rolling land, through scattering undergrowth.  
 25.00 Enter wash, course SW.  
 39.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 16 in N. half,  
 S 21 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
 N. of cor.  
 45.00 Leave wash.  
 51.95 Enter wash, course SW.  
 63.93 Leave same.  
 79.92 The cor. of secs. 16, 17, 21 and fracl. sec. 20.  
 Land, gently rolling. Soil, gravelly loam, 3rd rate.  
 No timber. Undergrowth, greasewood. Feb. 23, 1916.

Subdivision of Fractional T. 24 N., R. 22 W.

Chains

Feb. 26, 1916.  
 N.0°03'W., bet. secs. 16 and 17,  
 over level river bottom, through scattering undergrowth.  
 4.95 Leave river bottom; low bench bears NW. and SE.  
 12.00 Enter wash, course SW.  
 17.20 Road from Ramsey's ranch to Chloride bears NE. and SW.  
 34.93 Leave wash.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 16 in E., and  
 S 17 in W. half; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 40.95 Enter wash, course SW.  
 70.00 Leave same,  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 8, 9, 16 and 17, with brass  
 cap, marked  
 T 24 N S 8 in NW.,  
 R 22 W S 9 in NE.,  
 S 16 in SE., and  
 S 17 in SW. quadrant; and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.  
 Land, level river bottom and slightly rolling.  
 Soil, sandy and gravelly loam; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, greasewood.

-----  
 East, on a random line, bet. secs. 9 and 16,  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect N. and S. line 5 lks. S. of the cor. of secs.  
 9, 10, 15 and 16.  
 Thence I run  
 S.89°58'W., on a true line, bet. secs. 9 and 16,  
 over gently rolling land, through scattering undergrowth.  
 7.60 Enter wash, course SW.  
 20.00 Leave same.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 9 in N. half,  
 S 16 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
 N. of cor.  
 50.00 Enter wash, course SW.  
 57.50 Leave same.  
 65.00 Enter wash, course SW.  
 75.00 Leave same.  
 80.00 The cor. of secs. 8, 9, 16 and 17.  
 Land, gently rolling.  
 Soil, gravelly loam; 3rd. rate.  
 Timber, none.  
 Undergrowth, greasewood.

-----  
 N.0°03'W., bet. secs. 8 and 9,  
 over gently rolling land, through scattering undergrowth.  
 15.00 Enter wash, course SW.  
 30.00 Leave same.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam.; 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 8 in W., and  
 S 9 in E. half, and  
 1916 in S. rim;

20

## Subdivision of Fractional T. 24 N., R. 22 W.

Chains

- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 4, 5, 8 and 9, with brass cap,  
marked
- T 24 N S 5 in NW.,  
R 22 W S 4 in NE.,  
S 9 in SE., and  
S 8 in SW. quadrant; and  
1916 in S. rim;
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.
- Land, gently rolling.  
Soil, gravelly loam; 3rd rate.  
No timber.  
Undergrowth, greasewood.
- At this cor. I set off  $8^{\circ}58'S$ . on the decl. arc; and at ap-  
parent noon observe the sun on the meridian. The resulting  
lat is.  $35^{\circ}29\frac{1}{2}'$ . Feb. 26, 1916.  
G. H. R.
- 
- H. P.  
Feb. 17, 1916.
- 40.00 East, on a random line, bet. secs. 4 and 9.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 79.96 Intersect N. and S. line 9 lks. S. of the cor. of secs.  
3, 4, 9 and 10.  
Thence I run  
 $S.89^{\circ}56'W.$ , on a true line, bet. secs. 4 and 9,  
over rolling land, through scattering undergrowth.
- 39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked
- $\frac{1}{4}$  S 4 in N. half,  
S 9 in S. half, and  
1916 in S. rim;
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
N. of cor.
- 79.96 The cor. of secs. 4, 5, 8 and 9.  
Land, rolling.  
Soil, rocky; 4th rate.  
No timber.  
Undergrowth, greasewood and cactus. Feb. 17, 1916.  
H. P.
- 
- G. H. R.  
Feb. 26, 1916.
- 10.00  $N.0^{\circ}03'W.$ , on a true line, bet. secs. 4 and 5,  
over gently rolling land, through scattering undergrowth.
- 40.00 Wash, 4 chs. wide, course W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked
- $\frac{1}{4}$  in N.,  
S 4 in E., and  
S 5 in W. half, and  
1916 in S. rim;
- and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high,  
W. of cor.
- 72.19 Intersect 6th standard parallel N., 18.23 chs. E. of the  
standard cor. of secs. 32 and 33, which is an iron post,  
3 ins. diam., with brass cap, properly marked and wit-  
nessed (established under current Group No. 45).  
At point of intersection  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of secs. 4 and 5, with brass cap,  
marked
- CC in S. half,  
T 25 N R 22 W S 33 in N. half,  
T 24 N S 5 in SW., and  
R 22 W S 4 in SE. quadrant; and  
1916 in S. rim;

Subdivision of Fractional T. 24 N., R. 22 W. 21

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,  
 S. of cor.  
 Land, gently rolling.  
 Soil, gravelly loam; 3rd rate.  
 No timber.  
 Undergrowth, greasewood.

Feb. 26, 1916.  
 G. H. R.

9.00  
 20.40  
 24.30  
 40.00

H. P.  
 Feb. 26, 1916.  
 At 10h 30m a.m., l.m.t., I set off 35°27½' on the lat. arc;  
 8°59½'S. on the decl. arc; and determine a meridian with  
 the solar, at the cor. of secs.16,17,21 and frac.sec.20.  
 Thence I run  
 West, on a true line, bet. sec.17, and frac.sec.20.  
 over level land, through scattering undergrowth.  
 Wash, 150 lks. wide, course S.  
 Wash, 50 lks. wide, course SW.  
 Road from Chloride to Colorado River bears NE. and SW.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., with brass cap, marked  
 ¼ S 17 in N. half,  
 S 20 in S. half, and  
 1916 in S. rim;  
 dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,  
 and raise a mound of earth, 3½ ft. base, 1½ ft. high,  
 N. of cor.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 17, and frac. secs. 18, 19 and 20,  
 with brass cap, marked  
 T 24 N S 18 in NW.,  
 R 22 W S 17 in NE.,  
 S 20 in SE., and  
 S 19 in SW. quadrant; and  
 1916 in S. rim;  
 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.  
 Soil, sandy; 2nd and 3rd rate.  
 No timber.  
 Undergrowth, greasewood and mesquite.

16.55  
 16.90  
 17.20  
 37.30  
 40.00

S.0°03'E., on a true line, bet. frac. secs 19 and 20.  
 over level land, throug scattering undergrowth.  
 Irrigating ditch, course E.  
 Fence bears E. and W.  
 Road bears E. and W.; enter cultivated field; bears E. and W.  
 Fence bears E. and W.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., with brass cap, marked  
 ¼ in N.,  
 S 19 in W., and  
 S 20 in E. half; and  
 1916 in S. rim;  
 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.  
 from which C. D. Childers' house bears S.51°20'W., 8.76  
 chs. dist.

Feb. 26, 1916.  
 H. P.

50.00  
 55.00

G. H. R.  
 Feb. 28, 1916.  
 At this cor. I set off 35°27½' on the lat. arc; and 8°30'  
 S. on the decl. arc; and at 8h 30m a.m., l.m.t., deter-  
 mine a meridian with the solar,  
 Fence bears NW. and SE.  
 Leave river bottom and enter swamp; bears NW. and SE.  
 Thence through dense undergrowth and scattering timber.

22

## Subdivision of Fractional T. 24 N., R. 22 W.

Chains

- 71.20 To left bank of Colorado River, brs. N. 25° W., and S 17° E.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of fracl. secs. 19 and 20, with brass cap, marked  
MC in S. half,  
T 24 N S 19 in NW., and  
R 22 W S 20 in NE. quadrant; and  
1916 in S. rim;  
dig a pit, 36x36x12 ins., 8 ft. N. of cor., and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.  
Land, level river bottom and swamp.  
Soil, sandy loam, 2nd rate.  
Timber, cottonwood, willow and screw-bean.  
Undergrowth, arrow-weed, salt-brush, scrub-willow and mesquite,
- 
- 25.40 From cor. of sec. 17, and fracl. secs. 18, 19 and 20.  
West, on a true line, bet. fracl. secs. 18 and 19.  
over level river bottom, through scattering undergrowth.  
To left bank of Colorado River, brs. N. 9½° W., and S. 18¼° E.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of fracl. secs. 18 and 19, with brass cap, marked  
MC in W. half,  
T 24 N S 18 in NE., and  
R 22 W S 19 in SE. quadrant; and  
1916 in S. rim;  
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 river bottom.  
Soil, sandy loam; 2nd rate.  
No timber.  
Undergrowth, mesquite, sage-brush, arrow-weed and salt-brush.  
  
Feb. 28, 1916.  
G. H. R.
- 
- 20.00 H. P.  
Feb. 26, 1916. From cor. of sec. 17, and fracl. secs. 18, 19 & 20, N. 0° 03' W., bet. sec. 17, and fracl. sec. 18.  
over level land, through scattering undergrowth.  
Leave level land, and asc low bench; thence over rolling land.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked  
¼ in N.,  
S 17 in E., and  
S 18 in W. half; and  
1916 in S. rim;  
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 17 and fracl. secs. 7 and 18, with brass cap, marked  
T 24 N S 7 in NW.,  
R 22 W S 8 in NE.,  
S 17 in SE., and  
S 18 in SW. quadrant; and  
1916 in S. rim; 5½ ft. dist.,  
dig pits, 18x18x12 ins., in each sec. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
Land, level for 20 chs. and rolling for balance.  
Soil, sandy and rocky; 3rd and 4th rate.  
No timber.  
Undergrowth, greasewood and mesquite.
-

Subdivision of Fractional T. 24 N., R. 22 W. 23

Chains  
 40.00 East, on a random line, bet. secs. 8 and 17.  
 80.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line at the cor. of secs. 8, 9, 16 and 17.  
 Thence I run  
 West, on a true line, bet. secs. 8 and 17, over rolling land, through scattering undergrowth.  
 25.00 Enter wash, course SW.  
 35.00 Leave same.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 8 in N. half,  
 S 17 in S. half, and  
 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 80.00 The cor. of secs. 8, 17, and frac. secs. 7 and 18.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood and cactus.  
 Feb. 26, 1916.

-----  
 Feb. 28, 1916.  
 At 9h 00m a.m., l.m.t., I set off  $35^{\circ}28\frac{1}{2}'$  on the lat. arc;  $8^{\circ}15\frac{1}{2}'$  on the decl. arc; and determine a meridian with the solar at the cor. of ~~secs. 8, 17 and 16~~ ~~secs. 16 and 18~~.  
 Thence, I run  
 West, on a true line, bet. frac. secs. 7 and 18, over rolling land, through scattering undergrowth.  
 12.70 Enter wash, course SW.  
 20.00 Leave same.  
 30.00 Desc. low bench to river bottom; bears NW. and SE.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  S 7 in N. half,  
 S 18 in S. half, and  
 1916 in S. rim;  
 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.  
 50.80 To left bank of Colorado River, brs. N.  $121^{\circ}W.$  and S.  $211^{\circ}E.$   
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of frac. secs. 7 and 18, with brass cap, marked  
 MC in W. half,  
 T 24 N  $\frac{1}{4}$  S 7 in NE., and  
 R 22 W S 18 in SE. quadrant; and  
 1916 in S. rim;  
 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, rolling for 30 chs. and level for balance.  
 Soil, rocky and sandy; 3rd and 4th rate.  
 No timber.  
 Undergrowth, greasewood and mesquite.  
 Feb. 28, 1916.

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 Feb. 26, 1916. From cor. of secs. 8, 17, and frac. 7 and 18. N.  $0^{\circ}03'W.$ , bet. sec. 8, and frac. sec. 7.  
 over rolling land, through scattering undergrowth.  
 11.57 Enter wash, course SW.  
 20.00 Leave same.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 7 in W., and  
 S 8 in E. half; and  
 1916 in S. rim;  
 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,

24

Subdivision of Fractional T. 24 N., R. 22 W.

Chains

80.00 W. of cor.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 8, and ~~fracl.~~secs. 6 and 7, with brass cap, marked  
     T 24 N S 6 in NW.,  
     R 22 W S 5 in NE.,  
     S 8 in SE., and  
     S 7 in SW. quadrant; and  
     1916 in S. rim;  
 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.  
 Soil, sandy and rocky; 3rd and 4th rate.  
 No timber.  
 Undergrowth, greasewood and cactus.  
 Feb. 26, 1916.

40.00 Feb. 17, 1916.  
 East, on a random line, bet. secs. 5 and 8.  
 Set temp. ¼ sec. cor.  
 79.92 Intersect N. and S. line 5 lks. S. of the cor. of secs. 4, 5, 8 and 9.  
 Thence I run  
 S. 89° 58' W., on a true line, bet. secs. 5 and 8,  
 over rolling land, through scattering undergrowth.

10.00 Enter wash, course SW.  
 39.96 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and 4 ins. in a mound of stone, for ¼ sec. cor., with brass cap, marked  
     ¼ S 5 in N. half,  
     S 8 in S. half, and  
     - 1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to dig pits or set cor. farther in the ground.

45.00 Leave wash, course SW.  
 79.92 The cor. of secs. 5, 8, and ~~fracl.~~secs. 6 and 7.  
 Land, rolling.  
 Soil, rocky; 4th rate.  
 No timber.  
 Undergrowth, greasewood and cactus.

West, on a true line, bet. ~~fracl.~~secs. 6 and 7.  
 over rolling and broken land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked  
     ¼ S 6 in N. half,  
     S 7 in S. half, and  
     1916 in S. rim;  
 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

45.00 Desc. low bench to river bottom; bears N. and S.; thence over level land.

69.19 To left bank of Colorado River, ~~brs.~~N. 12¼° W. and S. 1½° W.  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of ~~fracl.~~secs. 6 and 7, with brass cap, marked  
     MC in W. half,  
     T 24 N S 6 in NE., and  
     R 22 W S 7 in SE. quadrant; and  
     1916 in S. rim;  
 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, rolling for 45 chs. and level for balance.  
 Soil, rocky; 4th rate. No timber.  
 Undergrowth, greasewood, arrow-weed and mesquite. Feb. 17, 1916.

Subdivision of Fractional T. 24 N., R. 22 W. 25

Chains

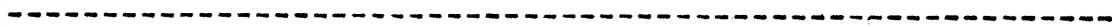
Feb. 26, 1916.  
 N.0°03'W., on a true line, bet. sec. 5, and frac. sec. 6.  
 over rolling land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked  
 $\frac{1}{4}$  in N.,  
 S 5 in E., and  
 S 6 in W. half; and  
 1916 in S. rim;  
 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,  
 and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high,  
 W. of cor.

50.60 Wash, 20 lks. wide, course NW.  
 72.29 Intersect 6th standard parallel N. 18.39 chs. E. of std. cor.  
 of sec. 32, and frac. sec. 31, which is an iron post,  
 3 ins. diam., with brass cap, properly marked and witnessed  
 (established under current Group No. 45).  
 At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for closing cor. of sec. 5, and frac. sec. 6,  
 with brass cap, marked  
 CC in S. half,  
 T 25 N R 22 W S 32 in N. half,  
 T 24 N S 6 in SW., and  
 R 22 W S 5 in SE. quadrant; and  
 1916 in S. rim;  
 dig pits, 24x18x12 ins., crosswise on each line, E and W.  
 3 ft., and S. of post, 7 ft. dist., and raise a mound of  
 earth, 4 ft. base, 2 ft. high, S. of cor.

Land, rolling.  
 Soil, sandy and rocky; 3rd and 4th rate.  
 No timber.  
 Undergrowth, greasewood and cactus.

Feb. 26, 1916.  
H. P.



26.

## Meanders, Fractional T. 24 N., R. 22 W.

Meanders of left bank of Colorado River, up stream.

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H. P.

Feb. 25, 1916.

I begin at the meander cor. of fracl. secs. 4 and 33, on S. bdy. of Tp., described in Book "A".

At 8h 00m a.m., l.m.t., I set off 35°25' on the lat. arc; 9°23' S. on the decl. arc; and determine a meridian with the solar at this cor.

Thence I run with meanders on W. bdy. of fracl. sec. 33, over level river bottom, through dense undergrowth.

N.47°W.	29.00	chs.	
N.66°W.	8.00	"	
N.62°W.	18.40	"	
N.41°W.	28.56	"	to meander cor. of fracl. secs. 32 and 33.

Land, level.

Soil, sandy; 4th rate.

No timber.

Undergrowth, arrow-weed and willow.

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Thence on W. Bdy. of Frac. sec. 32, over level land, through dense undergrowth.

West,	2.20	chs.	
N.38°W.	20.00	"	
N.73°W.	2.30	"	
N.68½°W.	12.80	"	
N.74°W.	5.00	"	
N.52°W.	4.80	"	
N.30°W.	1.60	"	to meander cor. of fracl. secs. 29 and 32.

Land, level.

Soil, sandy; 4th rate.

No timber.

Undergrowth, arrow-weed and willow.

---

Thence on W. bdy. of fracl. sec. 29, over level land, through scattering undergrowth.

N.57½°W.	13.50	chs.	
N.44°45'W.	11.50	"	
N.37½°W.	3.80	"	
N.36°W.	4.80	"	
N.28½°W.	4.50	"	
N.13°W.	2.20	"	
N.13°45'W.	17.80	"	
N.13°W.	11.00	"	
N.16°W.	21.10	"	
North.	3.10	"	to meander cor. of fracl. secs. 20 and 29.

Land, level.

Soil, sandy; 2nd rate.

No timber.

Undergrowth, willow, arrow-weed, screw-bean and mesquite.

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Thence on W. bdy. of fracl. sec. 20, over level land, through dense undergrowth.

N.8½°W.	4.30	chs.	
N.20°W.	2.60	"	
N.17°W.	2.20	"	to meander cor. of fracl. secs. 19 and 20.

Meanders of left bank of Colorado River, up stream.

Land, level.  
Soil, sandy, 2nd rate.  
No timber.  
Undergrowth, willow, arrow-weed, screw-bean and mesquite.

Thence on W. bdy. of fracl. sec. 19,  
over level land, through dense undergrowth.

N.25°W.	4.60	chs.
N.23°W.	5.00	"
N.15 <sup>1</sup> / <sub>2</sub> °W.	3.70	"
N.16 <sup>1</sup> / <sub>2</sub> °W.	5.00	"
N.21 <sup>1</sup> / <sub>2</sub> °W.	2.70	"
N.15°W.	1.90	"
N.34 <sup>1</sup> / <sub>2</sub> °W.	3.00	"
N.20°W.	3.00	"
N.27°45'W.	5.00	"
N.23 <sup>1</sup> / <sub>2</sub> °W.	2.90	"
N.29 <sup>1</sup> / <sub>2</sub> °W.	3.40	"
N.20 <sup>1</sup> / <sub>4</sub> °W.	2.30	"

H. P.  
Feb. 25, 1916.

G. H. R.  
Feb. 28, 1916.

N.24 <sup>1</sup> / <sub>2</sub> °W.	2.50	"	Ramsey's house 2 chs. E. of line at end of this course; fence bears N. and SE.
N.18°W.	4.60	"	Ramsey's irrigation pumping plant at end of this course.
N.10°W.	1.40	"	
N.8 <sup>1</sup> / <sub>2</sub> °W.	3.80	"	Wire fence extends E.
N.16 <sup>1</sup> / <sub>4</sub> °W.	6.80	"	
N.14°W.	8.70	"	
N.18°45'W.	5.90	"	to meander cor. of fracl. secs. 18 and 19.

Land, level river bottom.  
Soil, sandy loam; 4th rate.  
No timber.  
Undergrowth, arrow-weed, willow, cottonwood, mesquite and salt-brush.

Thence on W. bdy. of fracl. sec. 18,  
over level river bottom, through dense undergrowth.

N.9 <sup>1</sup> / <sub>2</sub> °W.	4.00	chs.	
N.16°W.	7.50	"	
N.11°45'W.	5.60	"	
N.10°W.	3.60	"	
N.19°45'W.	1.40	"	
N.17 <sup>1</sup> / <sub>2</sub> °W.	8.80	"	
N.20°W.	10.50	"	
N.17 <sup>1</sup> / <sub>4</sub> °W.	7.70	"	
N.12 <sup>1</sup> / <sub>4</sub> °W.	6.70	"	
N.23°W.	12.40	"	
N.21 <sup>1</sup> / <sub>4</sub> °W.	16.06	"	to meander cor. of fracl. secs. 7 and 18.

Land, level river bottom.  
Soil, sandy loam; 2nd rate.  
No timber.  
Undergrowth, arrow-weed, salt-brush, willow, cottonwood and mesquite.

G. H. R.

Meanders of left bank of Colorado River, up stream.

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H. P.

Thence on W. bdy. of Fractional SEC. 7,  
over level river bottom, through dense undergrowth.

N.12 $\frac{1}{2}$ °W.	5.60	chs.	
N.19 $\frac{1}{2}$ °W.	10.00	chs.	
N.12 $\frac{1}{4}$ °W.	7.00	"	
N.14°W.	42.60	"	
N.9°45'W.	14.20	"	
N.1°30'E.	2.84	"	to meander cor. of fracl. secs. 6 and 7.

Land, level river bottom.

Soil, sandy; 2nd rate.

No timber.

Undergrowth, arrow-weed, willow, salt-brush and mesquite.

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Thence on W. bdy. of fracl. sec. 6,  
over level river bottom land, through dense undergrowth.

N.12 $\frac{1}{4}$ °W.	2.70	chs.	
N.8 $\frac{1}{4}$ °W.	30.00	"	
N.7 $\frac{1}{2}$ °W.	18.60	"	
N.8 $\frac{1}{2}$ °E.	2.20	"	
N.25°E.	3.00	"	
N.7°W.	10.20	"	
N.71 $\frac{1}{2}$ °E.	5.00	"	
N.12 $\frac{1}{2}$ °W.	4.90	"	to meander cor. of fracl. secs. 6 and 31, on N. bdy. of Tp., which is an iron post, 3 ins. diam., with brass cap, marked, set and witnessed as described by the surveyor general. I change cor. from a cor. pertaining solely to area N. of standard parallel, to meander cor. pertaining to secs. 6 and 31.

Land, level and rolling.

Soil, sandy and rocky, with alkali; 3rd and 4th rate.

No timber.

Undergrowth, arrow-weed, willow, salt-brush and mesquite.

Feb. 28, 1916.

H. P.

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For table of latitudes and departures, with closing  
errors, see Book "A".

GENERAL DESCRIPTION.

The southeast portion of this township is a low rolling plateau cut by narrow, deep washes. The northern portion is a gently sloping plateau traversed by wide, shallow washes. The drainage is in a general southwesterly direction, well defined water courses ending where they enter the river bottom land.

A low bench, extending approximately N.30°W. from the center of the south boundary of the SE.  $\frac{1}{4}$  of sec. 34 to the west side of sec. 6, divides the river bottom land from the plateau land.

The soil on the former is sandy loam; 2nd and 3rd rate, with considerable alkali; and on the latter is rocky; 3rd and 4th rate.

The higher land supports no vegetation other than scattering grease wood and cactus, with perhaps occasional specimens of other desert growth. The bottom land is covered with dense undergrowth of arrow-weed, mesquite, screw-bean, willow and salt-brush, with timber such as cottonwood, willow and screw-bean at intervals.

The Colorado River contains the only known water in the township.

There are no evidences of mineral.

A wagon road, from the Colorado River to Chloride, about 35 miles distant, traverses the township in a northeasterly direction, from the ranches of two settlers in sections 19 and 20.

With the exceptions noted, there are no settlers.

W. B. ...

W. B. ...

BOOK 3149

FOR CERTIFICATES OF UNITED STATES SURVEYOR. AND UNITED STATES TRANSITMAN. See Book "C"

I, \_\_\_\_\_, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 191\_\_\_\_, 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 \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_, 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.

U. S. Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me } this \_\_\_\_\_ day of \_\_\_\_\_, 191\_\_\_\_



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL, Phoenix, Arizona, March 9, 1918.

The foregoing field notes of the survey of the \_\_\_\_\_ Subdivision lines, and \_\_\_\_\_ Meanders of Left Bank of Colorado River within Frac. \_\_\_\_\_ TOWNSHIP 24 NORTH, RANCH 22 WEST, \_\_\_\_\_

in the Gila and Salt River Base & Meridian, in the State of Arizona, \_\_\_\_\_ executed by Guy H. Richardson, U. S. Surveyor, and Hugo Price, U. S. Transitman, under his special instructions dated January 6, 1915, for Group 44, \_\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Frank A. Smith*  
U. S. Surveyor General.  
of Arizona.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_ has been correctly copied from the original notes on file in this office.