

2884

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Book "I"

BOOK 2884

(Subdivisions)

FIELD NOTES

OF THE ~~SURVEY OF THE~~

RESURVEY OF PART OF THE SUBDIVISION LINES,

COMPLETION OF SURVEY OF THE SUBDIVISION LINES, AND

RESURVEY AND SURVEY OF MEANDERS OF LEFT BANK OF THE COLORADO

RIVER, WITHIN FRAC. TOWNSHIP 20 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,

~~In the capacity of U. S. Surveyor~~, under instructions dated January 28, 1915, issued by the United States Surveyor General to govern surveys included in Group No. 43, which were approved by the Commissioner of the General Land Office, February 15, 1915.

Resurvey and Survey commenced April 6, 1915

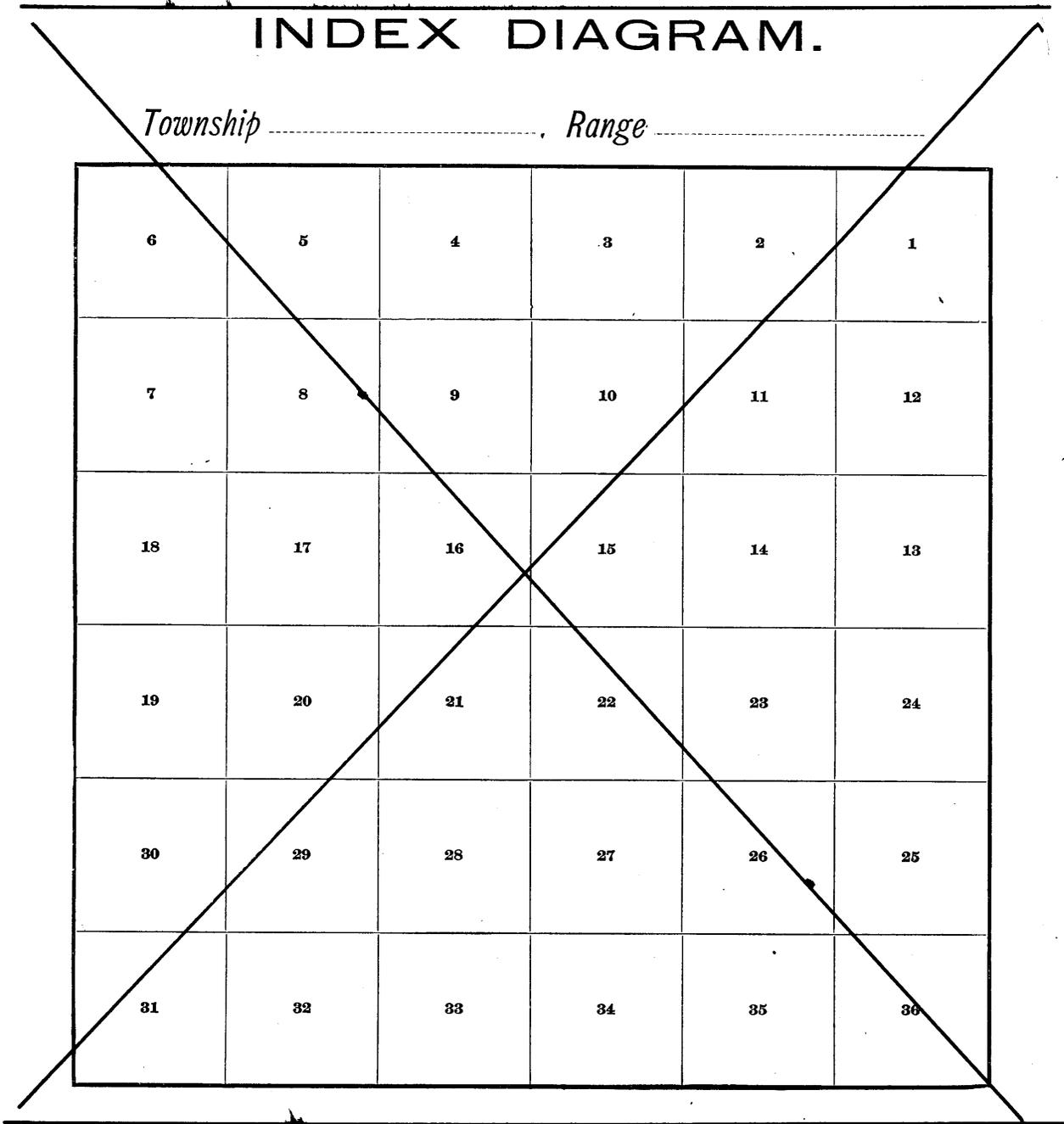
Resurvey and Survey completed May 19, 1916

Executed under assignment
Instructions dated Jan. 31-1915 and Nov. 29. 1915.

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See Special Index Diagram



Book No 2884

1A

~ SPECIAL INDEX DIAGRAM ~

Book "I" Group 43

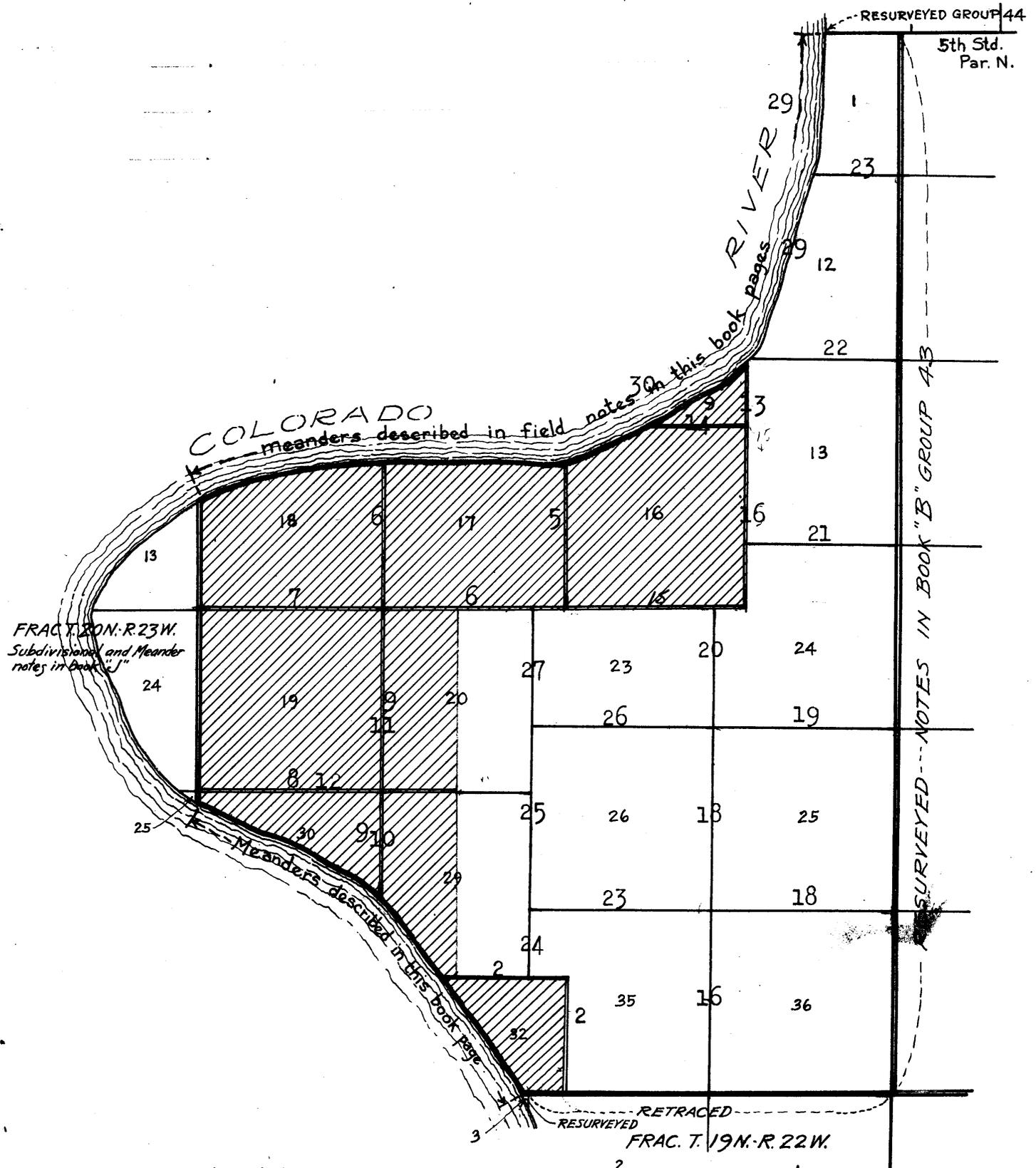
BOOK 2884

FRACTIONAL T.20 N.-R.22 W., ARIZ.

TRAC. T.21 N.
R.21 W.
31

RESURVEYED GROUP 44

5th Std.
Par. N.



- Accepted surveyed lines.
- Subdivision lines surveyed under Group 43
- Subdivision ^{and meander} lines retraced or resurveyed under Group 43
- //// Shaded area indicates secs. or parts of secs. resurveyed. under Group 43
- Township bdrs. surveyed under Group 43
- Township bdrs. retraced or resurveyed under Group 43

Resurvey of part of Subdivision lines of frac. T 20 N R 22 W 1 B

Chains

Resurvey and survey of the Subdivision lines and meanders of left bank of Colorado River, within frac. T.20 N., R.22 W., described in the following field notes; commenced April 7, 1915, and executed jointly by Guy H. Richardson, U.S. Surveyor and Hugo Price, U.S. Transitman, with Young and Sons' light mountain transits, Nos. 8484 and 8477 respectively. The instruments are provided with Smith solar attachments and were approved by the Assistant Supervisor of Surveys for Arizona and California on Jan. 31, 1915.

For field test of instruments on a meridian established by Polaris observation, see notes of the subdivision of T.18 N., R.20 W., in Book "F."

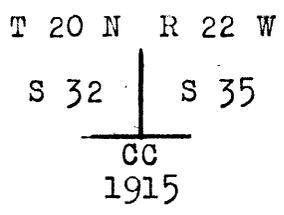
Lines run by Guy H. Richardson, U.S.S., as follows:

At the old cor. of secs. 28, 29, 32 and 33^m which is a stone, 15x10x10 ins., set in a mound of stone, marked as described by the Surveyor General, at 9h. 0m., a.m., 1.m.t., set off 6° 36½' N. on the decl. arc; 35° 5' N. on the lat. arc, and determine a meridian with the solar.

Thence I run,
South, on a random line.

40.00 After diligent search, am unable to find any trace of the old ¼ sec. cor. Set temp. cor., and continue random line and measurement.

50.44 Intersect the S. bdy. of the Tp., 24.40 chs. S. 89° 52' W. of old ¼ sec. cor. of secs. 2 and 35, described in Book "B." At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of frac. secs. 32 and 35, with a brass cap, marked



dig pits, 24x18x12 ins. crosswise on each line, E. and W., 3 ft. dist., and N. of post 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor. No trees available.

Resurvey of part of Subdivision lines of fracl. T. 20 N. R. 22 W.

Chains.

Thence I run,

North, on a true line, bet. fractional secs. 32 and 35.

Over level land, through dense undergrowth.

- 10.44 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor. to fractional sec. 32, with a brass cap, marked

$$\begin{array}{c} \frac{1}{4} \text{ S } 32 \\ | \\ 1915 \end{array}$$

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.

- 31.35 Wagon road, brs. N. 35° W. and S. 35° E. April 7, 1915.
May 19, 1916. Continuing measurement.

- 39.79 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. to fractional sec. 35, marked on brass cap

$$\begin{array}{c} \frac{1}{4} \text{ S } 35 \\ | \\ 1915 \end{array}$$

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, E. of cor. May 19, 1916.

Continue measurement.

April 7, 1915.

- 41.00 Leave dense undergrowth, bears E. and W. Road brs. N. 35° W. and S. 35° E.

- 50.44 The old cor. of secs. 28, 29, 32 and 33, which cor. I now change to refer to fractional sec. 32 only, by raising a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, SW. of cor.

Land, level.

Soil, sandy loam, 2nd rate.

Undergrowth, arrowweed, and mesquite.

No timber.

From above cor. I run,

West, on a random line, on N. bdy. of fracl. sec. 32.

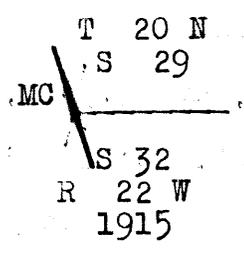
- 40.00 After diligent search, I am unable to find any trace of the old $\frac{1}{4}$ sec. cor. Set temp. cor. and continue random

Resurvey of part of Subdivision lines of frac.T.20 N.,R. 22 W. 3.

Chains.

line and measurement.

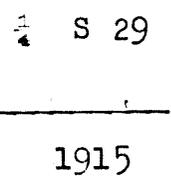
53.90 Intersect left bank of Colorado River, course SE.
 At point of intersection, I set an iron post 3 ft.long, 2
 ins.in diam., 24 ins. in the ground for meander cor.for
 fracl.secs.29 and 32, with a brass cap,marked



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

Thence I run,
 East,on a true line on N.bdy.of fracl.sec.32.
 Over level,swampy land,through dense undergrowth.Apl.7,1915.
 May 19,1916.

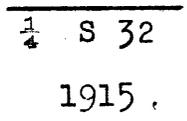
10.70 Set an iron post, 3 ft.long, 1 in. in diam.,26 ins. in
 the ground for reestablished $\frac{1}{4}$ sec.cor. to fractional
 sec.29, marked on brass cap,



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. May 19,1916.

Continue measurement
 April 7,1915.

13.90 Set an iron post, 3 ft.long,1 in. in diam., 26 ins. in
 the ground for reestablished $\frac{1}{4}$ sec.cor.,for fracl.
 sec.32, with a brass cap, marked



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,
 S.of cor.

38.30 Wagon road, bears N.30°W. and S.30°E. Leave swampy land.

46.60 Wagon road, bears N.37°W. and S.37°E.Leave dense under-
 growth.

Resurvey of part of Subdivision lines of fract T 20 N R 22 W

Chains.

53.90 NE.cor.of secs.32.

Land, level.

Soil, sandy loam, 2nd rate.

Undergrowth, mesquite.

April 7, 1915.

April 8, 1915: At the reestablished NE. cor.of sec.32, hereinbefore described, at 8h.30m., am. l.m.t., set off 6° 59' N.on the decl.arc; 35° 5' N.on the lat.arc, and determine a meridian with the solar.

Thence I run,

North, on a random line, setting temp. cors. at intervals of 40.00 chs., and making diligent search for the old cors., but find no trace of same until at

160.10 Intersect the S.bdy.of sec.17, at 2.44 chs.E.of old cor. of secs.16,17,20 and 21, which is a stone 6x8x8 ins. above ground, marked and witnessed as described by the surveyor general.

Change this cor. to refer to fractional secs.16 and 17 only, as follows:

Set an iron post, 3 ft.long, 2 ins. in diam., along side of stone, 24 ins. in the ground, for reestablished cor.of fractional secs.16 and 17, with a brass cap, marked

T 20 N	R 22 W
S 16	S 17

1915

dig pits 24x24x12 ins., NE. and NW. of post, 6 ft.dist. and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

From the reestablished cor.of fractional secs.16 and 17, described above, I run,

North, on a random line, bet. fractional secs.16 and 17.

40.18 A point 26 lks. W.of the old $\frac{1}{4}$ sec.cor., which is a stone, 6x6x10 ins.above ground, marked and witnessed, as described by the surveyor general.

Course and dist.from sec.cor. to this $\frac{1}{4}$ sec.cor.is there-

Resurvey of part of Subdivision lines of fracl. T. 20 N., R. 22 W.

Chains fore N.0° 21'E., 40.18 chs.
 Continue random line and measurement.

70.60 Intersect left bank of the Colorado River, brs. ENE. and WSW
 After diligent search, I am unable to find any trace of the old meander cor.
 At a point 70.60 chs. N.0° 21'E. of the cor. of fracl. secs. 16 and 17, set an iron post, 3 ft. long, 2 ins. in diam. 24 ins. in the ground for meander cor. of fracl. secs. 16 and 17, with a brass cap, marked

	MC	
T 20 N		R 22 W
S 17		S 16
1915		

dig a pit, 36x36x12 ins. S. of cor., 8 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.
 Thence I run, S.0° 21'W., on a true line, bet. fracl. secs. 16 and 17. Over level land, through dense undergrowth.

5.60 Leave undergrowth; enter level desert land, bears E. and W.
 8.10 Wagon road, brs. E. and W.
 9.60 Leave river bottom land, enter desert mesa, brs. E. and W.
 30.42 Old 1/4 sec. cor., hereinbefore described. Reestablish in same place as follows:
 Set an iron post, 3 ft. long, 1 in. in diam., alongside of stone, 26 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 17		S 16
1915		

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

31.60 Enter Montana Wash, course NW.
 40.60 Leave Montana Wash.
 70.60 Reestablish cor. of fracl. secs. 16 and 17.
 Land, level.
 Soil, sandy and stony, 2nd and 3rd rate.
 Undergrowth, mesquite.

6. Resurvey of part of Subdivision lines of fracl. T.20 N.R.22 W.

Chains.

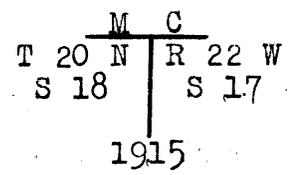
- From the cor. of fractional secs. 16 and 17, I run,
West, on a random line, on S. bdy. of fracl. sec. 17.
- 40.32 Intersect the old $\frac{1}{4}$ sec. cor., which is a stone, marked $\frac{1}{4}$
on N. face, and set in a mound of stone.
- True course and dist. of E. $\frac{1}{2}$ of S. bdy. of fractional sec. 17
is therefore East 40.32 chs.
- Continue random line and measurement.
- 80.67 A point 26 lks. S. of the old cor. of secs. 17, 18, 19 and 20,
which is a small stone, marked as described by the
surveyor general. No trace of mound or pits. Reestab-
lish this cor. as follows:
- At the point where I found the old marked stone, set a
lava stone, 24x18x18 ins., 20 ins. in the ground for
cor. of secs. 17, 18, 19 and 20, marked with 3 notches
on S. edge and 5 notches on E. edge, and raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- True course and dist. of W. $\frac{1}{2}$ of S. bdy. of fractional sec. 17
is therefore S. $89^{\circ}38'$ E., 40.35 chs.
- Thence I run,
S. $89^{\circ}38'$ E., on a true line, bet. secs. 17 and 20.
Over level desert land.
- 37.35 Wagon road, bears N. 20° E. and S. 20° W.
- 40.35 Old $\frac{1}{4}$ sec. cor., hereinbefore described.
- Thence I run,
East, on a true line, continuing measurement.
- 74.20 Wash, course NW.
- 80.67 Reestablished cor. of fractional secs. 16 and 17, hereinbe-
fore described.
- Land, level.
Soil, sandy and stony, 2nd and 3rd rate.
No undergrowth.
-
- From the reestablished cor. of secs. 17, 18, 19 and 20,
hereinbefore described, I run,
North, on a random line, bet. fractional secs. 17 and 18.

Resurvey of part of the Subdivision lines of fracl T 20N R 22W 7

Chains.
 40.00 After diligent search, I am unable to find any trace of the old $\frac{1}{4}$ sec.cor., set temp. $\frac{1}{4}$ sec.cor., and continue random line and measurement.

63.00 After diligent search, I am unable to find any trace of the old meander cor.of fractional secs.17 and 18. Continue random line and measurement.

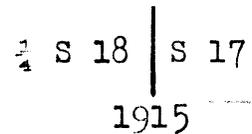
65.46 Intersect left bank of the Colorado River, brs. E.and W. At this point of intersection, I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for meander cor.of fractional secs.17 and 18, with a brass cap marked



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

Thence I run,
 South, on a true line, bet. fracl.secs.17 and 18.
 Over level, mesa land.

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



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.

54.36 Wagon road, brs.N. 20° E. and S. 20°W..

65.46 Reestablished cor.of secs. 17,18,19 and 20, hereinbefore described.
 Land.level.
 Soil, sandy and gravelly, 3rd rate.
 Undergrowth, scattering greasewood.

West, on a random line, bet. secs.18 and 19.

40.00 After diligent search, find no trace of the old $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ sec.cor., and continue random line and

8 Reurvey of part of Subdivision lines of frac1.T.20 N.,R.22 W.

Chains.

measurement.

80.00 After diligent search, find no trace of the old cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the Tp.

Reestablish this cor. at this point as follows:

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24, with a brass cap, marked

	T 20 N	
R 23 W	R 22 W	
S 13	S 18	
S 24	S 19	
1915		

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. (This cor. was not reestablished as above described until after the retracement of the W. bdy. of the Tp., on which no old cors. were found.)

Thence I run,

East, on a true line, bet. secs. 18 and 19.

Over level, mesa land.

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

$\frac{1}{4}$ S 18
S 19

1915

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.

78.00 Wagon road, brs. N. and S.

80.00 Reestablished cor. of secs. 17, 18, 19 and 20, hereinbefore described.

Land, level.

Soil, gravelly and sandy, 3rd rate.

Undergrowth, scattering greasewood.

April 8, 1915.

April 9, 1915: At the reestablished cor. of secs. 19, 24,

Resurvey of part of Subdivision lines of fracl. T. 20 N., R. 22 W. 9

Chains.

25 and 30, on the W. bdy. of the Tp., described in Book "B," at 3h. 0m., p.m., l.m.t., I set off $7^{\circ}27'N.$ on the decl. arc; $35^{\circ}6'N.$ on the lat. arc, and determine a meridian with the solar.

Thence I run,

East, on a random line, bet. secs. 19 and 30.

40.00 After diligent search, I am unable to find any trace of the old $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ sec. cor., and continue random line and measurement.

80.00 No trace of the old cor. of secs. 19, 20, 29 and 30 can be found; set temp. sec. cor. at this point.

From the temp. cor. of secs. 19, 20, 29 and 30, I run,

South, on a random line, bet. secs. 29 and 30.

40.00 After diligent search, I am unable to find any trace of the old $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ sec. cor., and continue random line and measurement.

56.00 Intersect left bank of Colorado River, brs. NW. and SE. Set temp. meander cor. to fracl. secs. 29 and 30 at this point of intersection.

April 9, 1915.

April 10, 1915. From the cor. of secs. 17, 18, 19 and 20, I run,

South, on a random line, bet. secs. 19 and 20.

40.00 After diligent search, I am unable to find any trace of the old $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ sec. cor., and continue random line and measurement.

80.00 Intersect temp. cor. of secs. 19, 20, 29 and 30.

East, on a random line, bet. secs. 20 and 29.

40.00 After diligent search, I am unable to find any trace of the old $\frac{1}{4}$ sec. cor. Set temp. $\frac{1}{4}$ sec. cor. April 10, 1915.

April 12, 1915: Continue random line and measurement.

67.18 Intersect W. bdy. of sec. 26, at the cor. of secs. 20 and 29, which is an iron post, hereinafter described.

10. Resurvey of part of Subdivision lines of fracl. T. 20 N. R. 22 W.

Chains.

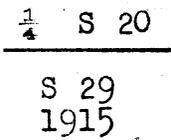
Thence I survey this line to $\frac{1}{4}$ sec. cor., and resurvey from the $\frac{1}{4}$ sec. cor. as follows:

West, on a true line, bet. fracl. secs. 20 and 29.

Over level land, through scattering undergrowth. Apl. 12, 1915.

April 10, 1915.

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

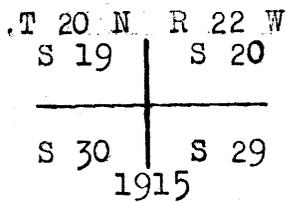


dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

53.18 Road brs. N. 60° E. and S. 60° W.

67.18 The temp. cor. of secs. 19, 20, 29 and 30, at which point I now reestablish the cor. as follows:

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, with a brass cap, marked



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

69.18 Land, level. 60° E. and S. 60° W.

70.18 Soil, sandy, 2nd grade. 19, 20, 29 and 30.

Undergrowth, scattering greasewood and sagebrush.

South, on a true line, bet. fracl. secs. 29 and 30.

Over level sandy land.

11.70 Wagon road, bears NW. and SE.

14.00 Log cabin farm house, bears E. 5.00 chs. dist.

15.00 Enter heavy undergrowth, bears E. and W.

Resurvey of part of Subdivision lines of fracl. T. 20 N. R. 22 W. 11

Chains.
40.00

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

$$\begin{array}{c} \frac{1}{4} \text{ S } 30 \mid \text{ S } 29 \\ 1915 \end{array}$$

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.

56.00

Intersect left bank of the Colorado River, brs. NW. and SE. At this point of intersection; I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for meander cor. of fracl. secs. 29 and 30, with a brass cap, marked

$$\begin{array}{c} \text{T } 20 \text{ N } \text{R } 22 \text{ W} \\ \text{S } 30 \mid \text{ S } 29 \\ \hline \text{M } \text{C} \\ 1915 \end{array}$$

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

Land, level.
Soil, sandy, 2nd rate.
Undergrowth, willows, and arrowweed.

From reestablished cor. of secs. 19, 20, 29 and 30, hereinbefore described, I run,
North, on a true line, bet. secs. 19 and 20.
Over level, sandy land.

40.00

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

$$\begin{array}{c} \frac{1}{4} \text{ S } 19 \mid \text{ S } 20 \\ 1915 \end{array}$$

and 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.

57.00

Wagon road, bears N. 80° W., and S. 80° E.

80.00

Reestablished cor. of secs. 17, 18, 19 and 20, hereinbefore

12. Resurvey of part of Subdivision lines of frac. T. 20 N. 2R. 22 W.

Chains.

described.

Land, level.

Soil, sandy, 2nd rate.

Undergrowth, scattering greasewood.

From the reestablished cor. of secs. 19, 20, 29 and 30, I run,
West, on a true line, bet. secs. 19 and 30.

Over level sandy land.

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

$$\begin{array}{c} \frac{1}{4} \text{ S } 19 \\ \text{S } 30 \end{array}$$

1915

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.

58.60 Wagon road, brs. NW. and SE.

80.00 Reestablished cor. of secs. 19, 24, 25 and 30, on W. bdy. of Tp.
described in Book "B."

Land, level.

Soil, sandy, 2nd rate.

Undergrowth, scattering mesquite and greasewood.

April 10, 1915.

April 12, 1915: From the reestablished cor. of secs. 16 and
17, I run,

East, on a random line, on the S. bdy. of fractional sec. 16.

40.00 After diligent search, I am unable to find any trace of
the old $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ sec. cor., and continue
random line and measurement.

80.00 I find no trace of the old SE. cor. of sec. 16, after dili-
gent search, set temp. sec. cor. at this point.

Thence I run,

North, on a random line, on the E. bdy. of fractional sec. 16.

Resurvey of part of Subdivision lines of fracl. T. 20 N. R. 22 W. 13

Chains.

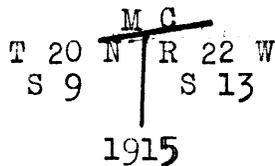
40.00 After diligent search, I am unable to find any trace of the old $\frac{1}{4}$ sec. cor., set temp. $\frac{1}{4}$ sec. cor., and continue random line and measurement.

80.00 After diligent search, I am unable to find any trace of the old cor. of secs. 9, 10, 15 and 16. Set temp. sec. cor. at this point.

From temp. cor. of secs. 9, 10, 15 and 16, I run, North, on random line on E. bdy. of fractional sec. 9.

29.20 Intersect left bank of the Colorado River, brs. NE. and SW. No trace of the old meander cor. is found at this point.

Knowing from my resurvey of the E. bdy. of fracl. sec. 32 of this Tp. as hereinbefore described and the subsequent subdivisional retracement and resurvey, that the east bdy. of fracl. sec. 9 will form part of the west bdy. of sec. 13, at this point of intersection, I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for meander cor. of fracl. secs. 9 and 13, with a brass cap, marked,

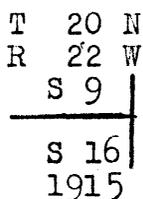


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.

Thence I run, South, on a true line on E. bdy. of fracl. sec. 9. Over level land.

25.00 Road brs. E. and W.

29.20 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of fractional secs. 9 and 16, with a brass cap, marked



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

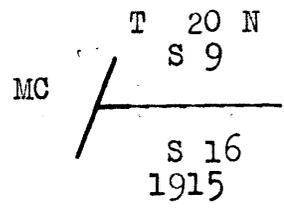
14. Resurvey of part of Subdivision lines of fracl. T.20 N.R. 22 W.

Chains .
 of cor.
 Land, level.
 Soil, sandy, 2nd rate.
 Undergrowth, scattering greasewood.

 West on a random line, bet. fractional secs. 9 and 16.

40.00 Diligent search fails to reveal the original $\frac{1}{4}$ sec. cor.
 Set temp. $\frac{1}{4}$ sec. cor., and continue random line and measurement.

47.15 Intersect left bank of the Colorado River, brs. NE. and SW.
 Diligent search fails to reveal the original meander cor.
 At the point of intersection with the left bank of the Colorado River, at mean high water mark, set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground, for reestablished meander cor. of fracl. secs. 9 and 16, with brass cap, marked

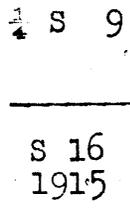


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Thence I run,
 East, on a true line, bet. fracl secs. 9 and 16.
 Over rolling and level land, through scattering undergrowth.

55.15 Road, brs. N. 20° E., and S. 20° W.

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



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

47.15 The reestablished cor. of fractional secs. 9 and 16, herein before described.

~~Resurvey of part of Subdivision lines of fracl. T. 20 N. R. 22 W. 15~~

Chains

Land, level and rolling.

Soil, sandy, 2nd rate.

No timber.

Undergrowth, mesquite.

South, on a true line, on the E. bdy. of fractional sec. 16.

Over slightly rolling, sandy land.

April 12, 1915.

May 19, 1916.

10.90 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. to sec. 13, with brass cap marked

$\frac{1}{4}$ S 13
1915

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

May 19, 1916.

April 12, 1915. Continue measurement.

18.00 Wash, course W. Ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. to fractional sec. 16, with a brass cap, marked

$\frac{1}{4}$ S 16
1915

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

50.90 Top of ridge, brs. E. and W. Descend.

57.00 Enter Montana Wash, course W.

66.00 Leave Montana Wash.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. to fractional sec. 16, with a brass cap, marked

T 20 N
R 22 W
S 16

1915

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

16. Resurvey of part of Subdivision lines of frac. T. 20 N., R. 22 W.

Chains.

Land, slightly rolling.

Soil, sandy and gravelly, 2nd rate.

Undergrowth, scattering greasewood.

West, on a true line, on the S. bdy. of fractional sec. 16.

Over slightly rolling land; descending.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. to fractional sec. 16, with a brass cap, marked

$\frac{1}{4}$ S 16

1915

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. April 12, 1915.

May 19, 1916.

53.54 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor. to sec. 23, with brass cap, marked

$\frac{1}{4}$ S 23

1915

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, S. of cor. May 19, 1916.

April 12, 1915. Continue measurement.

80.00 Reestablished cor. of secs. 16, and 17, hereinbefore described.

Land, slightly rolling.

Soil, gravelly and sandy, 2nd rate.

Undergrowth, scattering greasewood.

April 12, 1915.

April 6, 1915:

From the old cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is a lava stone, 8x8x10 ins. above ground, described in Book "B," I run,

N. 0° 1' W., bet. secs. 35 and 36.

Over rolling land, through scattering undergrowth.

Ascend 70 ft. to

Completion of Survey of Subdivision lines of fracl T 20 N 2R 22 W 17

Chains

6.50 Thence over level land.

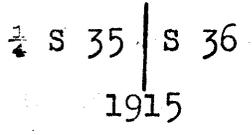
14.60 Descend 155 ft. to

19.60 Enter draw, course W.

25.60 Leave draw, course W. Ascend 80 ft. to

30.00 Thence over level land.

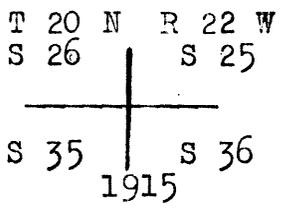
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with a brass cap, marked



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

57.90 Wagon road, brs. E. and W.

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



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

Land, level and rolling.

Soil, 3rd rate.

No timber.

Undergrowth, greasewood and sagebrush.

April 6, 1915: At this cor., I set off $6^{\circ}16\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $35^{\circ}4\frac{1}{2}'$ N.

Guy H. Richardson, U.S.S.

April 6, 1915.

Lines run by Hugo Price, U.S.T., as follows:

April 7, 1915: At 9h. 0m. a.m., l.m.t., I set off $35^{\circ}5'$ N. on the lat. arc; $6^{\circ}36\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 25, 26, 35 and 36.

18. Completion of survey of Subdivision lines of frac1.T.20N..R.22W.

Chains.

- Thence I run,
S.89°59'E., on a random line, bet. secs.25 and 36.
- 40.00 Set temp. $\frac{1}{4}$ sec.cor.
- 80.10 Intersect E. bdy.of Tp., 16 lks.S.of the reestablished
cor.of secs.25,30,31 and 36, which is an iron post,
with brass cap, described in Book "B."
- Thence I run,
S.89°54'W., on a true line, bet. secs.25 and 36.
Over rolling land, through scattering undergrowth.
Descend to
- 0.15 Gulch, course NW. Ascend 160 ft.to
- 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 25
S 36
1915
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N.of cor.
Descend 95 ft.to
- 70.15 Gulch, course SW. Ascend 25 ft.to
- 80.10 The cor.of secs.25,26, 35 and 36.
Land, rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, greasewood and sagebrush.
-
- N.0°1'W., bet1 secs.25 and 26.
Over rolling land,through scattering undergrowth.
Ascend to
- 11.06 Ridge, brs.E. and W. Descend 65 ft.to
- 24.87 Enter wash, course W.
- 29.87 Leave wash, course W. Ascend 35 ft.to
- 40.00 Spur slopes W.
Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., with a brass cap, marked
 $\frac{1}{4}$ S 26 | S 25
1915

Completion of survey of Subdivision lines of frac. T. 20 N. R. 22 W. 10

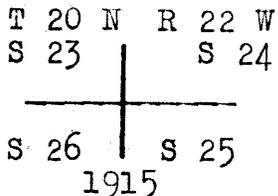
Chains.

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

Descend 35 ft. to

59.96 Gulch, course W. Ascend 30 ft. to

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 a brass cap, marked



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

Land, rolling.

Soil, rocky and sandy; 3rd rate.

No timber.

Undergrowth, greasewood and sage brush.

N. $89^{\circ}54'$ E., on a random line, bet. secs. 24 and 25.

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

80.10 Intersect E. bdy. of Tp., at the reestablished cor. of secs. 19, 24, 25 and 30, which is an iron post, with brass cap, described in Book "B."

Thence I run,

S. $89^{\circ}54'$ W., on a true line, bet. secs. 24 and 25.

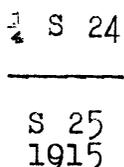
Over rolling land, through scattering undergrowth.

Descend 30 ft. to

5.10 Ascend 25 ft. to

30.10 Descend 45 ft. to

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



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

of cor. Continue over rolling land, gradually descending.

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

20. Completion of survey of Subdivision lines of fracl. T. 20 N. R. 22 W.

Chains

Land, rolling and level.

Soil, sandy and rocky, 3rd and 4th rate.

No timber.

Undergrowth, greasewood and sagebrush.

N. 0° 1' W., on a true line, bet. secs. 23 and 24.

Over rolling land, through scattering undergrowth.

20.00 Wash, course west.

39.96 Wash, course W. Ascend slightly.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the
the ground, for $\frac{1}{4}$ sec. cor., with a brass cap, marked
$$\begin{array}{c} \frac{1}{4} \text{ S } 23 \quad | \quad \text{S } 24 \\ \hline 1915 \end{array}$$
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.

44.99 Spur, slopes W. Descend 25 ft. to

49.97 Wash, course W. Ascend slightly to

51.00 Intersect the S. bdy. of sec. 16, 13.58 chs. W. of the re-
established SE. cor. of sec. 16, which is an iron post,
with brass cap, hereinbefore described.At the point of intersection, set an iron post 3 ft. long,
2 ins. in diam., 24 ins. in the ground, for closing
cor. of fractional secs. 23 and 24, with a brass cap,
marked
$$\begin{array}{c} \text{T } 20 \text{ N } \text{ R } 22 \text{ W} \\ \text{S } 16 \\ \hline \text{S } 23 \quad | \quad \text{S } 24 \\ \text{CC} \\ 1915 \end{array}$$
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S.
of cor.

Land, level and rolling.

Soil, sandy and rocky, 3rd and 4th rate.

No timber.

Undergrowth, greasewood and sagebrush.

April 7, 1915: At this cor., I set off 6° 39' N. on the

Chains.

decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $35^{\circ}6\frac{1}{2}'N$.

From the reestablished cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., which is an iron post, with brass cap, described in Book "B," I run, S. $89^{\circ}54'W$., on a true line, bet. secs. 13 and 24. Over rolling land, through scattering undergrowth. Descend 70 ft. to

- 10.15 Enter Montana Wash, course SW.
- 23.55 Leave wash, course SW. Ascend 165 ft. on ridge.
- 32.90 Old road brs. NW. to Hardyville, and SE.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the

ground, for $\frac{1}{4}$ sec. cor., with a brass cap, marked

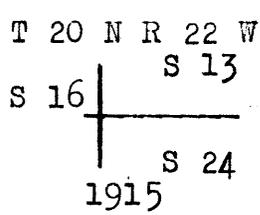
$\frac{1}{4}$ S 13

S 24
1915

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

- 65.10 Ridge, brs. E. and W. Descend on ridge.
- 66.40 Intersect the east bdy. of fractional sec. 16, 29.10 chs. N. of the reestablished SE. cor. of fractional sec. 16, which is an iron post with brass cap, hereinbefore described.

At the point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of fractional secs 13 and 24, with a brass cap, marked



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

Land, rolling.
Soil, rocky, 4th rate.

22 Completion of survey of Subdivision lines of frac. T.20 N., R.22 W.

Chains.

No timber.

Undergrowth, greasewood and sagebrush.

April 7, 1915.

April 8, 1915:

From the reestablished cor. of secs. 7, 12, 13 and 18 on E. bdy. of Tp., which is an iron post with brass cap, described in Book "B," I run,

S. 89° 54' W., on a true line, bet. secs. 12 and 13.

Over rolling land, through scattering undergrowth.

10.00 Ascend 25 ft. to

14.99 Ridge, brs. N. and S. Descend 100 ft. to

29.87 Wash, course NW. Ascend 30 ft. to

34.35 Spur, slopes NW. Descend 65 ft. to

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

$\frac{1}{4}$ S 12

S 13
1915

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

56.96 Road, brs. N. and S.

65.20 Intersect left bank of Colorado River, brs. NE. and SW. At this point of intersection, I

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, at mean high water mark, for meander cor. of fractional secs. 12 and 13, with a brass cap, marked

T 20 N
S 12
MC /
S 13
R 22 W
1915

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

Land, rolling.

Soil, sandy, 3rd rate.

Chains.

No timber.

Undergrowth, greasewood and sagebrush.

From the reestablished cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp., which is an iron post, with brass cap, described in Book "B," I run,

S. 89° 54' W., on a true line, bet. secs. 1 and 12.

Over rolling land, through scattering undergrowth.

Ascend 20 ft. to

2.28 Spur, slopes W. Descend 45 ft. to

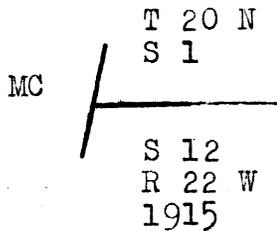
4.88 Gulch, course NW. Ascend 65 ft. to

11.31 Spur, slopes N. Descend 125 ft. to

30.39 Old road, brs. N. and S. Thence over level land.

37.53 Intersect left bank of Colorado River. At this point of intersection, I

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, at mean high water mark, for meander cor. of fracl. secs. 1 and 12, with a brass cap, marked



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.

Soil, sandy and rocky, 2nd and 4th rate.

No timber.

Undergrowth, greasewood and sagebrush.

April 7, 1915.

Hugo Price, U.S.T.

Lines run by Guy H. Richardson, U.S.S., as follows:

April 12, 1915.

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

N. 89° 57' W., on a true line, bet. secs. 26 and 35.

24 Completion of survey of Subdivision lines of frac. T 20N R 22W

Chains Over rolling land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with a brass cap, marked

1/4 S 26

S 35
1915

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Thence over nearly level land.

43.50 Wash, course SW.

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

T 20 N R 22 W
S 29 | S 26
S 35
1915

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

Land, level and rolling.
Soil, sandy loam; 2nd and 3rd rate.
No timber.
Undergrowth, greasewood and sagebrush.

From the cor. of secs. 26 and 35, I run, S. 0° 1' E., on a true line, bet. fractional secs. 29 and 35. Over level land, through scattering undergrowth.

.05 Road, brs. E. and W.

22.50 Road brs. NW. and SE.

28.50 Road brs. NW and SE.

29.35 Intersect N. bdy. of fractional sec. 32, 15.93 chs. W. of the reestablished NE. cor. of fractional sec. 32, hereinbefore described.

At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of frac. secs. 29 and 35, with a brass cap, marked

T 20 N R 22 W
S 29 | S 35
S 32
1915

Chains.

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

Land, level.

Soil, sandy loam, 2nd rate.

No timber.

Undergrowth, greasewood and sage brush.

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

N. 0° 1' W., along the W. bdy. of sec. 26.

Over level and rolling land, through scattering undergrowth.

April 12, 1915.

May 19, 1916.

10.70 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor. to fractional sec. 29, marked on brass cap,

¼ S 29

1915

dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

May 19, 1916.

April 12, 1915.

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

¼ S 26

1915

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

50.75 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of fractional secs. 20 and 29, marked on brass cap

T 20 N R 22 W

S 20

S 26

S 29

1915

26 Completion of survy of Subdivision lines of frac. T. 20 N. R. 22 W.
Chains.

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

60.00 Ascend 45 ft. to

66.55 Descend 50 ft. to

69.87 Wash, course W. Ascend 70 ft. to

76.00 Descend 30 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 23 and 26, marked on brass cap

T. 20 N	R. 22 W
S. 20	S. 23
	S. 26
1915	

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

Land, level and rolling.

Soil, sandy loam, 2nd rate.

No timber.

Undergrowth, greasewood and sage brush.

S. $89^{\circ}57'$ E., on a random line, bet. secs. 23 and 26.

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

79.80 Intersect N. and S^c line, 21 lks. N. of the cor. of secs. 23,
24, 25 and 26.

Thence I run,

N. $89^{\circ}48'$ W., on a true line, bet. secs. 23 and 26.

Over rolling land, through scattering undergrowth.

27.40 Wash, 40 lks. wide, 7 ft. deep, course SW.

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

$\frac{1}{4}$ S. 23

S. 26
1915

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

79.80 The cor. of secs. 23 and 26.

Land, rolling.

Soil, sandy and gravelly; 2nd rate.

Completion of Subdivision lines of frac. T. 20 N. R. 22 W.

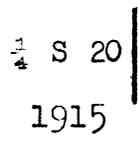
Chains.

No timber,
 Undergrowth, greasewood and sagebrush.
 April 12, 1915: At this cor., I set off $8^{\circ}30\frac{1}{2}'$ N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $35^{\circ}6'$ N.

N. $0^{\circ}1'$ W., on a true line, bet. secs. 20 and 23.
 Over rolling land, through scattering undergrowth.
 April 12, 1915.

May 19, 1916.

10.75 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 20, marked on brass cap



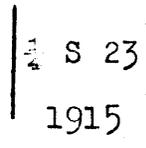
dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

May 19, 1916.

April 12, 1915.

31.95 Wash, course N 60° W.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., of sec. 23, marked on brass cap

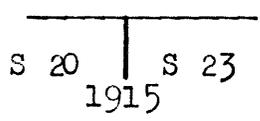


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

50.75 Intersect the S. bdy. of fractional sec. 17, 13.49 chs. W. of the reestablished cor. of fractional secs. 16 and 17, hereinbefore described.

At the point of intersection, set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of fractional secs. 20 and 23, marked on brass cap

T 20 N R 22 W
 S 17



~~28. Completion of survey of Subdivision lines of frac T 20N, R 22W~~

Chains.

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

Land, rolling.

Soil, sandy and gravelly loam; 2nd rate.

No timber.

Undergrowth, greasewood and sagebrush.

Guy H. Richardson, U.S. S.

April 12, 1915.



Survey and Resurvey of Meanders of left bank of Colorado River within fractional Township 20 North, Range 22 West. 29

Chains.

Lines run by Hugo Price, U.S.T., as follows:
April 9, 1915: At 9hrs. 0m. a.m., l.m.t., I set off 35° 9' N. on the lat. arc; 7° 18' N. on the decl. arc; and determine a meridian with the solar at the standard meander cor. of frac. secs. 31, T. 21 N., R. 21 W., which is an iron post, with brass cap, described in notes of survey of Current Group No. 44.

Thence I survey the meanders down stream in fractional sec. 1.

Over level land, through scattering timber and dense undergrowth.

- S. 16 3/4 ° W., 2.20 chs.
- S. 3/4 ° E. 1.20 chs.
- S. 21 ° W., 2.60 chs.
- S. 17 3/4 ° W., 3.10 chs.
- S. 23 1/2 ° W. 7.40 chs.
- S. 27 1/4 ° W. 2.50 chs.
- S. 68 3/4 ° E. 1.60 chs.
- S. 22 3/4 ° W. 11.60 chs.
- S. 3 ° E. 14.50 chs.
- S. 13 ° E., 18.15 chs.

To the meander cor. of frac. secs. 1 and 12, hereinbefore described.

Land, level.

Soil, sandy loam, 2nd rate.

Timber, scattering cottonwood.

Undergrowth, greasewood, mesquite, willow and arrowweed.

April 9, 1915: At this cor., I set off 7° 24' N. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 35° 8 1/2 ' N.

Thence I survey the meanders down stream in fractional sec. 12.

Over level land, through scattering timber & dense undergrowth South 26.60 chs.

- S. 38 1/2 ° W. 3.90 chs.
- S. 26 1/2 ° W. 19.20 chs.
- S. 56 1/4 ° W. 5.20 chs.

30. Survey and resurvey of Meanders of Left Bank of Colorado
River within fracl. T. 20 N. R. 22 W.

Chains.

S. $24\frac{1}{4}^{\circ}$ W., 5.50 chs.
 S. 14° W. 6.70 chs.
 S. 13° W. 4.60 chs.
 S. 36° W. 9.30 chs.
 S. 15° W. 7.08 chs. To the meander cor. of fracl. secs.

12 and 13, hereinbefore de-
scribed.

Land, level.

Soil, sandy loam, 2nd rate.

Timber, scattering cottonwood.

Undergrowth, arrowweed, mesquite and willow.

Thence I survey the meanders down stream in fractional
sec. 13.

Over level land, through scattering timber and under-
growth.

S. $79\frac{1}{2}^{\circ}$ W., 0.97 chs. To the meander cor. of fracl. secs.
9 and 13, hereinbefore described.

Land, level.

Soil, sandy loam, 2nd rate.

Timber, scattering cottonwood.

Undergrowth, arrowweed, mesquite and willow.

April 9, 1915.

April 10, 1915: At 9h. Om., a.m., l.m.t., I set off 35°
 $8'$ N. on the lat. arc; $7^{\circ}43\frac{1}{2}'$ N. on the decl. arc, and de-
termine a meridian with the solar at the meander cor.
of fracl. secs. 9 and 13, hereinbefore described.

Thence I resurvey the meanders down stream in fractional
sec. 9, through scattering timber and undergrowth.

S. $34\frac{1}{2}^{\circ}$ W., 5.30 chs.

S. $61\frac{1}{2}^{\circ}$ W., 7.60 chs.

S. 63° W., 5.10 chs.

S. 79° W., 5.20 chs.

S. $51\frac{1}{2}^{\circ}$ W. 13.60 chs.

S. 71° W., 12.20 chs.

S. $46\frac{1}{2}^{\circ}$ W. 7.93 chs. To the meander cor. of fracl. secs.

Survey and resurvey of the Meanders of the left bank of the Colorado River within fracl. T. 20 N. R. 22 W.

Chains.

9 and 16, hereinbefore described.

Land, level.

Soil, sandy loam, 2nd rate.

Timber, cottonwood.

Undergrowth. arrowweed, mesquite and willow.

April 10, 1915: At this cor., I set off $7^{\circ}46\frac{1}{2}'N$. on the decl. arc; and at apparent noon, I observe the sun on the meridian; the resulting lat. is $35^{\circ}7\frac{1}{2}'N$.

Thence I resurvey the meanders down stream in fractional sec. 16.

Over level land, through scattering timber and dense undergrowth.

S. $75^{\circ}W$., 10.90 chs.

S. $66^{\circ}W$., 14.00 chs.

S. $84\frac{1}{4}^{\circ}W$. 9.04 chs. To the meander cor. of fracl. secs.

16 and 17, hereinbefore described.

Land, level.

Soil, sandy loam, 2nd rate.

Timber, scattering cottonwood.

Undergrowth, arrowweed, mesquite and willow.

Thence I resurvey the meanders down stream in fractional sec. 17.

Over level land, through scattering timber and dense undergrowth.

S. $64^{\circ}W$., 6.20 chs.

S. $76\frac{1}{2}^{\circ}W$. 20.30 chs.

N. $76^{\circ}W$., 17.70 chs.

N. $89\frac{1}{2}^{\circ}W$. 26.10 chs.

S. $81\frac{1}{4}^{\circ}W$. 12.80 chs. To the meander cor. of fracl. secs.

17 and 18, hereinbefore described.

Land, level.

Soil, sandy loam, 2nd rate.

Timber, scattering cottonwood.

Undergrowth, greasewood, arrowweed, mesquite and willow.

April 10, 1915.

32 Survey and resurvey of the meanders of the left bank of the Colorado River, within fracl. Township 20 N., R. 22 W.

Chains.

April 12, 1915: At 8h. 54m., a.m., l.m.t., I set off $35^{\circ}7\frac{1}{2}'$ N. on the lat. arc; $8^{\circ}28'$ N. on the decl. arc, and determine a meridian with the solar at the meander cor. of fracl. secs. 17 and 18.

Thence I resurvey the meanders down stream in fractional sec. 18.

Over level land, through scattering timber and dense undergrowth.

N. $80\frac{1}{2}^{\circ}$ W., 19.60 chs.

S $77\frac{1}{2}^{\circ}$ W., 27.10 chs.

S. $67\frac{1}{2}^{\circ}$ W., 31.40 chs.

S. $59\frac{3}{4}^{\circ}$ W., 5.90 chs. To the meander cor. of fracl. secs. 13 and 18, on W. bdy. of Tp., which is an iron post, with brass cap, described in Book "B."

Land, level.

Soil, sandy loam, 2nd and 3rd rate.

Timber, scattering cottonwood.

Undergrowth, arrowweed, black willow, mesquite and greasewood.

Hugo Price, U.S.T.

April 12, 1915.

Lines run by Guy H. Richardson, U.S.S., as follows:

April 10, 1915: At 9hrs. 0m., a.m., l.m.t., I set off $35^{\circ}4'$ N. on the lat. arc; $7^{\circ}43\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar at the meander cor. of fracl. secs. 3 and 32, on the S. bdy. of the Tp., which is an iron post, with brass cap, described in Book "B."

Thence I survey the meanders upstream in fractional sec. 32.

Over level land, through scattering timber and dense undergrowth.

N. $34\frac{1}{2}^{\circ}$ W., 34.20 chs.

N. 38° W. 21.80 chs.

N. $37\frac{1}{2}^{\circ}$ W., 6.55 chs. To the meander cor. of fractional secs. 29 and 32, hereinbefore described.

Survey and resurvey of the Meanders of the left bank of the Colorado River within fracl. Township 20 North, Range 22 W. 33.

Chains.

Land, level.
Soil, sandy and gravelly; 2nd rate.
Timber, cottonwood.
Undergrowth, greasewood, arrowweed, mesquite and willow.

Thence I survey the meanders up stream in fractional sec. 29.

Over level land, through scattering timber and dense undergrowth.

- N.46 $\frac{1}{2}$ °W., 19.30 chs.
- N.48 $\frac{1}{2}$ °W., 10.90 chs.
- N.63 $\frac{1}{4}$ °W., 8.00 chs. To the meander cor. of fractional secs. 29 and 30, hereinbefore described.

Land, level.
Soil, sandy and gravelly; 2nd rate.
Timber, cottonwood.
Undergrowth, greasewood, arrowweed, mesquite and willow.

Thence I survey the meanders upstream in fractional sec. 30.

Over level land, through scattering timber and dense undergrowth.

- N.49 $\frac{1}{4}$ °W., 16.80 chs.
- N.51 $\frac{1}{4}$ °W., 3.20 chs.
- N.66 $\frac{1}{4}$ °W., 3.10 chs.
- N.60 $\frac{1}{4}$ °W., 10.80 chs.
- N.57 $\frac{3}{4}$ °W., 5.40 chs.
- N.62°W., 27.00 chs.
- N.55 $\frac{1}{4}$ °W., 8.30 chs.
- N.57 $\frac{3}{4}$ °W., 7.70 chs.
- N.57°W., 12.84 chs. To the meander cor. of fracl. secs. 25 and 30 on W bdy. of Tp., which is an iron post with brass cap, described in Book "B."

Land, level.
Soil, sandy and gravelly, 2nd rate.
Timber, cottonwood.

34. Survey and resurvey of the Meanders of the left bank of the Colorado River within fractional Township 20 N., R. 22 W.

Chains.

Undergrowth, greasewood, arrowweed, mesquite and willow:
 April 10, 1915: The sky was overcast at noon, making an observation for latitude impossible.
 April 10, 1915.
 Guy H. Richardson, U.S.S.

Boundaries of fractional Township 20 N., R. 22 W.
 Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
S. bdy. of Tp.	N. 89° 57' W.	40.07	.03			40.07
	S. 89° 58' W.	40.20		.02		40.20
	N. 89° 45' W.	39.95	.17			39.95
	S. 89° 52' W.	40.20		.09		40.20
	West,	1.50				1.50
Meanders, Left Bank Colo. River	NW.		125.64			146.04
W. bdy. of Tp.	North	132.90	132.90			
Meanders Left Bank Colo. River	NE		202.70		273.54	
N. bdy. of Tp. (5th. Std. Par. N.)	East	33.07			33.07	
E. bdy. of Tp.	South	461.38		461.38		
Convergency					.19	
Totals.			461.44	461.49	306.80	307.96
				461.44		306.80
<u>Error in latitude.</u>			-----			.05
<u>Error in departure.</u>			-----			1.16

GENERAL DESCRIPTION.

This fractional township borders on the Colorado River. That portion of the land lying immediately to the east of the river is level, and could be used for farming purposes.

The soil is gravelly loam on this portion. The eastern portion is rolling, being cut by washes, and is unfit for cultivation.

In sec. 9, is found the ruins of several adobe buildings, which is known as Hardyville. There are no settlers within the township. Greasewood is very abundant. Some cottonwood trees along the river bank.

100
BOOK 2884
35

CERTIFICATES
FOR ~~FINAL OATH~~ OF UNITED STATES SURVEYOR and
TRANSITMAN

see book "C" of this group.

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 accord-
ance 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, *February 26*, 1917.

The foregoing field notes of the _____
_____ RESURVEY OF PART OF THE SUBDIVISION LINES,
COMPLETION OF SURVEY OF THE SUBDIVISION LINES, AND
RESURVEY AND SURVEY OF MEANDERS OF LEFT BANK OF COLORADO RIVER,
WITHIN FRAC. TOWNSHIP 20 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 special instructions dated January 4, 1915, for Group 43 _____, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
resurveys and surveys they describe, are hereby approved.

Frank P. Pratt
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.~~