Book G BOOK 2772 FIELD NOTES

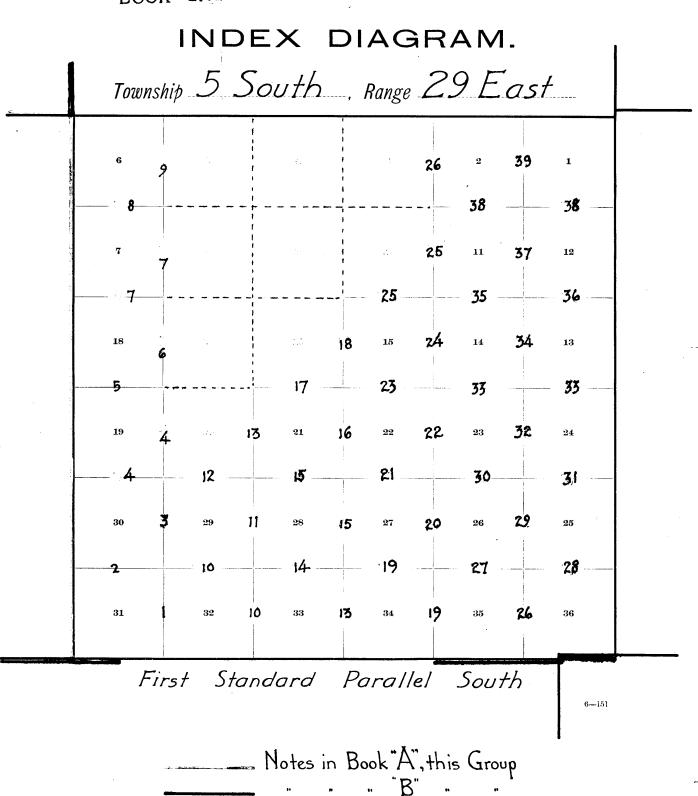
OF THE SURVEY OF

PART OF THE
SUBDIVISION LINES OF
TOWNSHIP 5 SOUTH RANGE 29 EAST
·
Of the Gila and Salt River Base and Meridian,
In the State ofARIZONA
EXECUTED BY
WILLIAM B. KIMMEL

In the capacity of U.S. Surveyor, under instructions dated August 25, 1910
issued by the United States Surveyor General to govern surveys included in
Group No. 26 , which were approved by the Commissioner of the General Land
Office, September 9, 1910, pursuant to authority contained in the Act of
Congress dated June 23 , 1913
Survey commenced November 20 , 1913
Survey completed February 1 1914

Book "G"

BOOK 2772



Surveyed

Unsurveyed

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Partial Subdivision of Township 5 South, Range
                                                                            29 East
          Survey commenced Nov. 20, 1913, and executed with Young
               and Sons' LightMountain Transit, No. 8541, with Smith
               Solar Attachment. For description of instrument, and certificate of approval, see Book "A."
          At the original standard cor. of secs.31 and 32 on the
               south bdy.of the Tp. (lstStand. Parallel S.) which is a stone 20x14x7 ins. above ground, marked and witnessed
               as described by the Surveyor General, I set off 32°56 N. on the lat.arc; 19°41 S. on the decl.arc; and determine a meridian with the solar, and mark a point
               in this meridian on a stake firmly set in the ground,
               5 chs. north of my station, at 4h. p.m., l.m.t.,
                                                                Nov.20,1913.
                              At 3h. 28m. a.m., l.m.t., I observe Polaris
          Nov.21,1913:
               at Western elongation, and mark a point in the line
               thus determined on a stake, set 5 chs.north of my sta-
               tion.
          At 7h.45m. a.m., l.m.t., I turn off the azimuth of Polaris to the right from the line established this morning, lo 224, and find that the meridian thus determined coin-
               cides with the meridian given by the solar the evening
               before.
          At 8h. a.m., l.m.t., I set off 32°56½ N. on the lat.arc; 19°50½ S. on the decl.arc; and determine a meridian with the solar. The meridian thus determined coincides
               with the meridian determined by observation on Polaris
                                        I therefore conclude that the adjust-
               at elongation.
               ments of the solar apparatus are satisfactory.
          To determine the value of the stadia interval, I measure a base from the center line of the transit of 14.83 chs., at which point the reading of the level rod is 7.408 ft.
          At a distance of 18.00 chs., the rod reading is 8.993 ft. and from 10.00 chs., the rod reads 4.992 ft. In all
               these cases, the vertical angle is zero. For this instrument, focal constant is 1.025 ft., or .016 chs. I therefore, conclude that for this instrument, one
               foot on the rod in equivalent to 2.00 chs.
                                                                                  horizontal
               distance.
          From the original standard cor. of sec.31 and 32, herein-
               before described, I run,
          N.O°1' E.
                          bet. secs.31 and
                                                       32.
          Along slight south slope, through scattering undergrowth.
          Descend slight NW. slope, 50 ft. to Thence over level land.
20.35
34.00
          Descend rocky NW. slope, 50 ft.to Foot of descent; ascend SW. slope, 80 ft.
35.00
36.55
40.00
          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, 1913 on S rim, $\frac{1}{4}$ S 31 in W., and $S 32 in E.half;
                and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high,
                                      Pits impracticable.
                west of cor.
          Thence over level mesa.
47.00
          Descend slight NE. slope.
53.00
60.00
          Top of cliffs, bears NE. and SW., 350 ft. to bottom.
          Foot of cliffs; descend NW. slope, 600 ft.to.
Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 29,30,31 and 32, marked
63.00
80.00
                on brass cap,
                                 1913 on S.rim,
T 5 S R 29 E in N.half;
                                 S 30 in NW.,
S 29 in NE.,
                                 S 32 in SE., and
S 31 in SW quadrant;
                and raise a mound of stone 2 ft.base, lt ft. high, W.
                of cor. Pits impracticable.
           Note: At this corner, Nov.21, 1913, I set off 19°54'S. on the
                the declearc; and at apparent noon, I observe the sun on the meridian; the resulting laters 32°57 1. N.
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Land, level, rolling and mountainous.

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Partial Subdivision of Township 5 South, Range 29 East
Chains
          Soil, rocky, 4th rate.
          No timber.
          Undergrowth, scattering mesquite and catclaw. Mountainous land, 20 chs.
          West, on a random line, bet. secs.30 and 31. Set temp. \frac{1}{4} sec.cor.
40.00
          Intersect the west bdy. of the Tp., 32 lks. south of the cor. of secs. 25,30,31 and 36, established by me, as described in Book "A."
80.18
                described in Book
          Thence I run,
S.89°46'E., on a true line, bet. secs.30 and 31.
Through dense undergrowth. Ascend slight SW. slope, 15 ft.
 2.50
          Spur ridge, brs.S. Descend SE slope.
                                      Descend SE. slope, 180 ft.
10.00
          Trail, brs.NE and SW.
17.80
19.50
                                     Ascend NW. slope, 30 ft.to
         Draw, course NE.
24.00
          Thence along N. slope.
         Descend east slope, 130 ft.to
26.00
         Gulch, course S. Ascend SW. slope, 15 ft.to
Spur ridge, brs.S. Descend slight SE. slope.
Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for 4 sec.cor., marked on brass cap,
33.50
36.00
40.09
                                1913 on S.rim,

$\frac{1}{4}$ S 30 in N., and

$\frac{3}{5}$ in S.half;
              and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high, N. of
           corner. Pits impracticable.
         Descend slight east slope.

Top of bluff, brs.NW. and SE. Descend NE. slope, 70 ft. Rock corral brs.S.21°E., about 2 chs.dist.

Mexican cabin, brs.S.21°E., about 4 chs.dist.
45.50
         Mexican cabin, brs.N. 26°E., about 10 chs.dist.
Foot of bluff, brs.N. and S. Small irrigation ditch at
48.10
          foot of bluff, course S.
Right edge of Eagle Creek, 50 lks.wide, 8 ins. deep, course
48.20
              SE.
49.75
50.45
          Trail, brs.NE and SW.
          Wire fence brs. NW and SE. Enter field.
          Leave field; ascend west slope, 100 ft.
54.00
          Mexican cabin brs.N. about 4chs.dist.
55.00
57.00
          Wire fence brs. N. and S.
          Spur ridge, brs.SW. Trail on ridge, brs Descend SE. slope, 100 ft. to Gila River. Trail, brs.NE and SW. Enter Gila River bottom.
                                       Trail on ridge, brs.NE and SW.
58.75
62.00
65.00
66.00
          Road, brs.N. to Clifton and S. to Solomonsville.
          Old wagon road, brs.N.and S.
          Right edge of Gila River, 2.60 chs.wide, 3 ft. deep, course
67.20
              SW.
          Left edge of Gila River.
69.80
71.00
          Leave river bottom, along south bank of canyon, course
          W. Ascend NW. slope, 75 ft.to
Spur ridge, brs. N. Thence along south bank of canyon,
73.10
              course W.
          The cor. of secs. 29,30, 31 and 32.
80.18
          Land, rolling, hilly and mountainous.
          Soil, 2nd rate along river; 4th rat on slopes.
          Timber, scattering cottonwood, willow and mesquite along
                river.
          Undergrowth, dense mesquite, catclaw and cacti. Mountainous land, 54 chs.
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ECOX 2772

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Partial Subdivision of Township 5 South, Range 29 East.
 Chains
            N.0°1'E., bet. secs.29 and 30.
            Descend N. slope, 50 ft.to
  2.30
            Canyon, course west. Ascend south slope, 65 ft.
            North bank of canyon. Thence over rolling, rocky west
  5.50
                  slope.
           Ascend slight SW. slope, 70 ft.

R. N. Campbell's cabin, under bluff, and not in sight, brs.

approximately west 10 chs.dist.
 12.00
 23.40
            South bank of canyon; descend N. slope, 90 ft.
 27.85
            Canyon, course NW. Ascend N. slope, 75 ft.
 31.50
           North bank of canyon; continue to ascend SW. slope.
 34.00
          Spur ridge, brs.west. Descend NW. slope. Trail, brs. NW. and SE. Top of sloping cliffs, 20 ft.high; descend.
                                                Descend NW. slope, 175 ft.
 34-735
 39.10
40.00
           Point for 1/2 sec.cor. falls on smooth rock face, inaccess-
                ible.
 40.25
           As this point is the nearest practical point for winess
                cor. I
           Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, at this point, for witness cor. to the ½
                sec.cor., marked on brass cap,
                                   1913 on S.rim,
W C 1 in N., half, and
S 29 in SE., and
                                   S 30 in SW. quadrant;
                and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high,
                west of cor. Pits impracticable.
           Instrument pointfrom which I take stadia measurement to rod on north side of Gila River. Rod reading (mean of three) 2.130 ft. Ratio, 1 ft. = 2 chs. Focal constant 1.025 ft. Level. Therefore, the dist. to rod = 2.130 x 2 plus .016 = 4.28 chs., which added to 40.53 chs. = 44.81 chs. rod point. From instrument point I run, N.0°1 W. 7 lks.to
40.53
               river as 3.70 chs. by running S. 0°1'E. from rod point, 51 lks.to
           Left edge of Gila River, course SW.
40.60
44.30
           Right edge of river.
           Stadia rod point. From this point, I triangulate the dist. on sec. line, over cliffs on north side of river.
44.81
           Set a flag on line, on top of cliffs, and from 44.81 chept. I measure base line N.73°18 E., 26.06 chs., from the
               NE. end of which the flag on top of cliffs brs. N. 41°54 kg. W. The distance on sec. line is found from the follow-
               ing;
                            sin. 64°48' x 26.06
sin. 41° 55'
                                                                             = 35.29 \text{ chs.}
                 which added to 44.81 chs. = 80.10 chs. flag point on
          top of cliffs N. of Gila River.
From the NE. end of he measured base line W.L.Keppler's
          cabin brs. N.62° W., about 10 chs.dist.
Road, brs.E. to Clifton and west to Solomonsville.
45.50
48.00
          Leave river bottom, brs.E. and W. Discontinue chaining at this point. Ascend south slope, 950 ft. to coron top of cliffs; the dist. on sec.line obtained by
                 triangulation described above.
50.20
           (Approx.) dry wash, at mouth of gulch, 20 lks.wide, course
           (Approx.) Foot of bluff, brs.NW. and SE.
51.30
                                                                            Ascend broken,
                 rocky south slope.
          Flag point of triangulation, from 44.81 ch.point. This be 10 lks. N.0°1 E. of the point for sec.cor., I return, S.0° 1 W., 10 lks.to
80.10
                                                                                         This being
80.00
          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, marked
                on brass cap,

1913 on S.rim,

T5 S R 29 E in N.half;
                                  S 20 in NE.,
                                  S 29 in SE., and
S 30 in SW. quadrant;
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Partial Subdivision of Township 5 South, Range 29 East.
Chains.
               and raise a mound of stone, 2 ft.base, 1\frac{1}{2} ft. high, W.
               of cor. Pits impracticable.
          Land, rolling, hilly and mountainous. Soil, sandy, 2nd rate in river bottom;
                                                                       rocky, 4th rate
               on slopes.
          Timber, none, except willow, cottonwood and mesquite along
               river.
          Undergrowth, dense mesquite, catclaw and cacti. Mountainous land, 70 chs.
                                                                     Nov.21, 1913.
          Nov.22, 1913: At 8h. 57m. a.m., l.m.t., I set off 32°58½'
N. on the lat.arc; 20°5'S. on the decl.arc; and determine a meridian with the solar at the cor. of secs.
               19,20,29 and 30, hereinbefore described.
          Thence I run,
N.89°46'W., on a random line, bet. secs.19 and 30.
Set temp. 4 sec.cor.
40.00
          Intersect the west bdy.of the Tp., 23 lks.N.of the cor.of secs.19,24, 25 and 30, established by me, as described in Book. "A."
80.16
          Thence I run, S. 89°56 E., on a true line, bet. secs. 19 and 30.
          Through dense undergrowth. Descend SE. slope, 200 ft.to
          Gulch, course SE. Thence over rolling land.
Ridge, brs. SE. and NW. Descend NE. slope, 90 ft.to
Canyon, course SE. Ascend SW. slope, 35 ft.to
13.65
27.15
30.00
          Thence along south slope.
Top of cliff, 100 ft. to-bottem, brs.N.and S.
31.00
          Foot ofcdiff brs.N.and S. .
32.50
          Right edge of Eagle-Creek, 45 lks.wide, 8 ins. deep, course
33.50
                 south.
37.00
          Deserted cabin, brs.N.50 lks.dist.
          Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
39.72
                 the gound, for witness cor. to \(\frac{1}{4}\) sec.cor., marked on
                 brasscap,
                                 1913 on S.rim,
W C 1/4 in E.half;
S 19 in NW., and
                             S 30 in SW-quadrant; from which,
A sycamore, 30 ins. in diam., brs.N.73\(\frac{1}{4}\) OW.,
255 lks.dist., marked W C \(\frac{1}{4}\) S 19 BT.
A sycamore, 30 ins. in diam., brs.S.77\(\frac{1}{4}\) OW.,
360 lks.dist., marked W C \(\frac{1}{4}\) S 30 B T.
          Ascend NW· slope, 200 ft.
Point for 4 sec.cor. falls on face of cliff; impractica-
40.08
                ble to set post.
           Spur ridge, brs.NW. Descend NE. slope, 20 ft.to
48.00
           Canyon, course NW. Ascend west slope, to Spur ridge, brs. NW. Descend NE. slope.
51.00
53.00
54.00
           Gulch, course NW. Ascend 700 ft.to cor. Trail, brs. NE. and SW.
60.30
64.30
67.60
           Rock cliff, brs.NE. and SW., 50 ft.high.
Cliff, 30 ft.high, brs.NE.and SW.
Mexican cabin, brs.N.38° 35 W.
Thence along south slope, near top of cliff, 150 ft.to
 67.90
                 bottom.
           The cor. of secs. 19,20,29 and 30.
80.16
           Land hilly and mountainous.
           Soil, 2nd rate along Eagle Creek; 4th rate rest of mile.
           Timber, sycamore, willow and mesquite.
           Undergrowth, catclaw, mesquite and cacti.
           Mountainous land, 52 chs.
           N.0°1 E., bet. secs.19 and 20.
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Through dense undergrowth. Ascend south slope, 25 ft.to
Thence along rolling mesa.

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EOOR 2772
     Partial Subdivision of Township 5 South, Range 29 East
 Chains
 12.00
          Descend NW. slope, 75 ft.
 15.35
21.75
           Trail, brs.NE. and Sw.
          Canyon, course W. Ascend SW. slope, 95 ft.to
 30.75
35.50
          Spur ridge, brs.W. Descend NW. slope, 115 ft.to Gulch, course W. Thence along west slope.
          Set an iron post 3 ft.long, 1 in, in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap, 1913 on S.rim, $\frac{1}{2}$ S 19 in W., and.
 40.00
                               S 20 in E.half;
              and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high,
              west of corner. Pits impracticable.
 42.50
49.50
          Gulch, course W. A Trail, brs.E. and W.
                                    Ascend SW. slope, 55 ft.
 50.00
          Ridge, brs. E. and W.
                                       Descend NW. slope, 450 ft.to
 70.00
          Gulch, course NW.; ascend.
 75.00
77.00
          Spur ridge, brs.WNW.; descend.
          Gulch, course W. Ascend SW. slope, 50 ftto
Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 17,18,19 and 20, marked
 80.00
              on brass cap,
                              1913 on S.rim,
T5 S R 29 E in N.half;
S 18 in NW.,
                              S 17 in NE.,
                              S 20 in SE., and
                              S 19 in SW.quadrant;
              and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high,
                                       Pits impracticable.
              west of corner.
          Land, mountainous and hilly.
          Soil, rocky, 4th rat,
          No timber.
          Undergrowth, dense mesquite, greasewood, catclaw, and
               cacti.
          Mountinous land, 58 chs.
                   At apparent noon, Nov.22, 1913, I set off 20°7's.
              on the decl.arc; and observe the sun on the meridian
              at the cor. of secs. 19,20,29 and 30, lat. is 32^{\circ} 58\frac{1}{2} N.
                                                                 The resulting
                                                 Nov.22, 1913.
          Nov.25, 1913:
N.89° 56 4., on a random line, bet. secs.18 and 19.
40.00
          Set temp. 1 sec. cor.
80.24
          Intersect the west bdy of the Tp., 5 lks. N. of the cor.
               of secs.13,18,19 and 24, established by me, as described in Book "A."
          Thence I run, S.89°58'E., on a true line, bet. secs.18 and 19.

Descend broken
          Through scattering undergrowth.
                                                        Descend broken NE.
              slope, 140 ft.to
         Descend precipitous NE. slope, 540 ft.to Foot of cliffs in Eagle Creek bottom. The
18.40
35.00
                                                              Thence across Eagle
              Creek bottom.
38.00
         Foot of cliff, 50 ft.high, brs.N.80°E. and W.
         Leave Eagle Creek bottom.
39.00
          Top of cliff.
         Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for \( \frac{1}{2} \) sec.cor., marked on brass cap,
40.12
              1913 on Srim,

$\frac{1}{2} \text{ S lo core,}

$\frac{1}{2} \text{ S lo in N., an}

$\text{ S l9 in S.half;}

and raise a mound of stone,
                                                   and.
                                                     2 ft.base, la ft. high,S.
                          Perpendicular precipice on north side pre-
               of cor.
               vented placing mound there.
         Ascend NW. slope, to
Spur ridge, brs.N.; descend.
Top of cliff, brs.NW. and SE.
42.00
43.00
                                                    Descend NE. slope, 100 ft.to
45.00
         Foot of cliff, brs.NW and SE.
45.55
         Trail, brs. NW. and SE.
                                             Enter Eagle Creek bottom.
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Partial Subdivision of Township 5 South Range 29 East
Chains.
         Right bank of Eagle Creek, 40 lks.wide, 8 ins. deep, course
49.65
             SE.
         Top of cliff, 30 ft.high, brs. NW. and SE. Ascend SW. slope, 190 ft. Top of cliff, 20 ft.high, brs.NW. and SE.
50.20
54.65
         Descend SE. slope, 60 ft.to Gulch, course S. Thence along broken S. slope.
56.75
64.25
         Gulch, course S.
         Gulch, course SW.; ascend.
         Spur ridge, brs. SW. Descend.
Ascend SW. slope, 250 ft.to.
The cor. of secs.17,18, 19 and 20.
Land, mountainous and hilly.
66.25
68.25
80.24
         Soil, 2nd rate along Eagle Creek; remainder of mile,4th
             rate.
         No timber, except sycamore and willow along Eagle Creek.
         Undergrowth, scattering greasewood, mesquite and caclaw.
         Mountainous land, 70 chs.
                                                      Nov.25, 1913.
         Nov. 26, 1913: At 9h. 53m. a.m., l.m.t., I set off 32° 59'N. on the lat.arc; 20°54½'S. on the decl.arc; and determine a meridian with the solar at the cor.of secs.
             17.18, 19 and 20. hereinbefore described.
         Thence I run,
         N.0°1 E., bet. secs. 17 and 18.
                                                    Ascend SW. slope, 20 ft.to
         Through scattering undergrowth.
                                     Thence over rolling, rocky land. De-
         Spur ridge, brs.W.
 3.50
             scend.
 5.90
         Guich, course west; ascend.
         Ridge, brs. E. and W.; descend.
10.00
         Gulch, course W.; ascend.
Ridge, brs.E. and W.; descend.
12.50
16.00
         Gulch, course SW.; ascend.
21.00
24.00
37.45
40.00
         Ridge, brs.E. and W. Descend NE slope, 210 ft.to Gulch, course NW. Ascend SW. slope, 35 ft.to
         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, 1913 on S.rim, \frac{1}{4} S 18 in W., and
                            S 17 in E-half;
             and raise a mound of stone 2 ft.base, l^{\frac{1}{2}} ft. high, west
             of corner.
                               Pits impracticable.
             e: At this corner, Nov. 26, 1913, I set off 20° 56' S. on the decl. arc; and at apparent noon, I observe the
              sun on the meridian; the resulting lat. is 32° 59½ N.
         Descend.
45.20
         Canyon, course W. Ascend rocky south slope, 400 ft.
47.30
         North bank of canyon. Thence along east slope.
50.00
         Ascend SE-slope.
         Top of sandstone cliffs, 100 ft.high, brs. E. and W.
61.15
         Continue to ascend SE. slope.
         Spur ridge, brs. SE. Thence along broken east slope.
64.25
75.00
80.00
         Draw, course E.; ascend.
         Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in.
               the ground, for cor. of secs. 7,8,17 and 18, matked
               on brass cap,
                             1913 on Serim
                             T 5 S R 29 E in N.half;
S 7 in NW.,
                             S 8 in NE.,
S 17 in SE., and
S 18 in SW.quadrant;
             and raise a mound of stone, 2 ft. base, laft. high, W.
             of cor. Pits impracticable.
         Land, hilly and mountainous.
         Soil, very rocky, 4th rate.
         No timber.
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DOON 2772

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Partial Subdivision of Township 5 South, Range 29 East.
 Chains.
           Undergrowth, scattering mesquite, catclaw, cacti and
                greasewood.
          Mountainous land, 72 chs.
          N.89°58'W,, on a random line, bet. secs.7 and 18.
40.00
          Set temp. z sec.cor.
          Intersect west bdy.of Tp., 7 lks.north of the cor.of secs. 7,12,13 and 18, established by me, as described in Book "A."
 79.99
          Thence I run,
N.89°59'E., on a true line, bet. secs.7 and 18.
Descend NE. slope,
          Through dense undergrowth. Descend NE. slope, 270 ft.to
  9.00
          Canyon, 100 lks.wide, course SE.
                                                           Ascend SW. slope, 100
              ft.to
11.75
15.50
18.65
          End of ascent; thence along south slope.
          Descend east slope, 50 ft.to
          Gulch, course S. Ascend SW. slope, 60 ft.to
22.25
          Spur ridge, brs.S. Descend SE. slope, 140 ft.to Canyon, course S. Ascend SW. slope, 140 ft.to
26.00
27.60
36.60
          End of ascent; thence along level mesa. Descend SE. slope, 40 ft. to
38.00
          Canyon, course S. Ascend SW. slope, 40 ft.
          This being the nearest practical point to set witness cor.,
39.755
          I set an iron post 3 ft.long, l in. in-diam., 26 ins. in the ground, at this point, for witness cor. to \( \frac{1}{4} \) sec.cor.
              marked on brass cap,
1913 on S.rim,
W C 1/4 in E.half;
                               S 7 in NW., and
                               S 18 in SW.quadrant;
                                                             from which,
                         A cottonwood, 30 ins. in diam., brs.S.47\frac{1}{2}°W., 215 lks.dist., marked W C \frac{1}{4} S 18 B T.
          No other trees within limits; raise a mound of stone 2 ft
         base. 1\frac{1}{2} ft. high, north of cor. Pits impracticable. Top of precipice, 70 ft.to bottom, brs.N.and S. True point for \frac{1}{4} sec.cor. falls on steep side of precipice;
39.90
39•995
               inaccessible
40.32
41.90
         Foot of, precipice; small irrigation ditch, course S.
         West channel of Eagle Creek, 40 lks.wide, 6 ins. deep,
               course S.
43.60
         Trail, brs. NE and SW.
45.45
         East channel of Eagle Creek, 70 lks.wide, 10 ins. deep,
               course S.
         Foot of sandstone cliffs. Ascend NW. slope, 800 ft.to
Top of peak on spur ridge, brs.NE and SW. Descend E. slope,
of sandstone mountain, 400 ft.
Spur ridge, brs.SE. Continue to descend SE. slope.
46.75
67.50
76.00
79.99
         The cor. of secs. 7,8,17 and 18.
         Land, hilly and mountainous. Soil, 2nd rate on creek; remainder of mile rocky, 4th
             rate.
         Timber, cottonwood and willow along creek.
         Undergrowth, dense catclaw, cacti, greasewood and mesquite. Mountainous land, 78 chs.
                                                            Nov.26, 1913.
         Dec. 2, 1913: At 8h. 3m. a.m., l.m.t., I set off 33°00'N. on the lat.arc; 21°53½'S. on the decl.arc; and determine a meridian with the solar at the cor. of secs.
               7,8,17 and 18, hereinbefore described.
         Thence I run,
N.0°1'E., bet. secs.7 and 8.
         Along rocky east slope, through scattering undergrowth.
         Canyon, course SE.
 2.10
                                    Ascend S. slope, 400 ft. Ascend
```

in small wash, course S.

```
8. Partial Subdivision of Township 5 South, Range 29 East
Chains.
            Top of conical hill, 75 lks.W. Trail, brs. E. and W.
                                                                        Descend NW. slope, 350 ft.
20.50
23.65
25.00
            Head of gulth, course NW. Descend NW. slope.
            Spur ridge, brs.NW. Descend NE' slope, to
31.00
            Guich, course NW. Ascend SW. slope, 20 ft.

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,

1913 on S.rim,
\(\frac{1}{4}\) S 7 in W., and
\(\frac{1}{8}\) S in E.half;
39.60
40.00
                  and raise a mound of stone 2 ft.base, 12 ft. high, W.
                  of cor. Pits impracticable.
            Spur ridge, brs.W.; descend.
42.00
            Gulch, course W. Ascend SW. slope, 135 ft.to
Ridge, brs. E. and W. From this point, line passes over
43.00
                  a deep V-shaped canon, course W. Discontinue chaining
                and take stadia measurement to rod on north side of canyon;
Rod reading (mean of three) 6.149 ft. Ratio 1 ft.= 2 chs.
Focal constant, 1.025 ft. Vertical angle, plus 6236

The distance on sec.line to rod = 6.149 xt.2 xt.9868 plus
.016 = 12.07 chs., which added to 52.64 chs. =
            Rod point on ridge, brs.E'and W.

From this point, I take stadia measurement over another deep V-shaped canyon, course W., to rod on N. side of same. Rod reading (mean of three) 5.364 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.025 ft. Angle of depression, - 1°. The dist. on sec.line to rod = 5.364 x 2 x .9997 plus .016 = 10.74 chs., which added to 65.57 chs. -
64.71
65.57
            to 65.57 chs. =
Rod point on ridge, brs.E.and W. Descend N. slope, 65 ft.
Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor.of secs. 5,6,7 and 8, marked on
76,51
80,00
                  brass cap,
                                        1913 on Srim,
                                        T 5 S R 29 E in N.half;
S 6 in NW.,
                                        S 5 in NE.,
S 8 in SE., and
S 7 in SW. quadrant; and raise a mound of
                  stone, 2 ft.base, 1\frac{1}{2} ft. high, west of cor. Pits im-
                  practicable.
             Land, mountainous and hilly.
             Soil, rocky, 4th rate.
             No timber.
            Undergrowth, scattering mesquite, cacti and catclaw. Mountainous land, 80 chs.
            S-89°59' W., on a random line, bet. secs.6 and 7.
            Set temp. sec.cor.
40.00
            Intersect west bdy.of Tp., 370 lks.south of the witness cor. to cpr.of secs. 1,6,7 and 12, established by me, as described in Book "A" at 3.72 chs. north
79.90
                  of true corner point.
             Thence I run, from true point for cor.,
N.89°58'E., on a true line, bet. secs.6 and 7.
Through scattering undergrowth. Ascend SW. slope, 150 ft.
                                               Descend SE slope, 125 ft.to
Ascend NW slope, 300 ft.to
  5.00
8.50
             Spur ridge, brs.S.
            Canyon, course NE. Ridge, brs. NE' and
25.Q0
                                                 SW. Descend SE. slope, over perpendic-
             ular precipices.
Foot of precipices, bear N. and S.
32.50
             Rodger's house brs. N. 150 lks.dist.
35.00
            Trail, brs.N. and S. Fence, brs.N. and S. Enter Rodger's field. Small ditch, course S.
35.77
36.64
36.77
36.82
             Small ditch, course S.
38.58
            Small irrigation ditch, course S. Leave cultivated land.
```

```
Partial Subdivision of Township 5 South, Range 29 East.
 Chains
 39.22
             This being the nearest practical point for witness cor., I
            Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, at this point for witness cor. to \frac{1}{4} sec.
                   cor., marked on brass cap,
                                      1913 on S.rim,
W Ca in E.half;
                               S 6 in NW., and
S 7 in SW. quadrant; from which,
A cottonwood, 67 ins. in diam., brs. N. 39°E., 67
lks.dist., makked W C 4 S 6 B T.
            A cottonwood, 8 ins. in diam., brs.S.51°E.,41 lks.dist., marked W C \( \frac{1}{4} \) S 7 B T.

Wire fence brs.N.and S. Leave field.

True point for \( \frac{1}{4} \) sec.cor. falls on sandbar; impracicable
39.24
39-95
            to set post.
Right edge of Eagle Creek, 80 lks.wide, 6 ins. deep,
40.30
                   course south.
            Ditch, l ft. wide, course S. Foot of bluffs, bears N. and S.
42.20
            Ascend west slope in canyon, course west.
           Leave canyon; ascend NNW. slope.

Ledge brs.NE and SW.7 ...

Thence along north slope.

The cor. of secs. 5,6,7 and 8.

Note: At this corner, Dec. 2,1913,
58.00
70.00
78.00
78.00
                                                                             I set off 21°56 s.
                  on the decl.arc; and at apparent noon, I observe
                   the sun on the meridian; the resulting late is 33° 1'N.
            Land, hilly and mountainous.
            Soil, 2nd rat on Eagle Creek; remainder of mile, rocky, 4th rat.
            No timber.
            Undergrowth, mesqite, catclaw and cacti. Mountainous land, 70 chs.
            N.0°1'E., on a random line bet. secs. 5 and 6. Set temp. \frac{1}{4} sec.cor.
40.00
80.20
            Intersect the north bdy. of the Tp., 9 lks.west of the
                 cor. of secs. 5,6,31 and 32, established by me, as described in Book "A."
            Thence I run,
           S.0°5 W., on a true line, bet. secs.5 and 6.
Through dense undergrowth. Ascend NW. slope, 70 ft.to Ridge, brs.NE' and SW. Descend SE. slope, 375 ft.
 6.25
10.00
            Thence along eastslope.
           Thence along eastslope.

Descend on ridge, brs.N.and S.

Descend SE. slope.

Foot of descent; thence along west slope.

Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

1913 on S.rim,

$\frac{1}{4}$ S 6 in W., and

$\frac{1}{5}$ in F.balf.
14.00
26.40
38.20
40.20
                                      S 5 in E.half;
                 and raise a mound of stone 2 ft.base, 1\frac{1}{2} ft. high, W. of
                                 Pits impracticable.
                 corner.
          Ascend NW. slope, 60 ft.to
Ridge, brs. NE. and SW. Thence along east slope.
Spur ridge, brs. SE. Descend S. slope, 350 ft.to
Canyon, course Wassend steep N. slope, 150 ft.to
49.00
58.00
72.70
78.70
80.20
           -Bouthoodge of canyon, 🟤
            The cor. of secs. 5,6,7 and u8.
            Eand, hilly and mountainous. Soil, very rocky, 4th rate. No timber.
            Undergrowth, dense mesquite, catclaw and cacti.
            Mountainous land, 60 chs.
                                                                     Dec. 2, 1913.
```

Partial Subdivision of Township 5 South Range 29 East

Chains.

E.16.80 4.

N.21:32 E.

Jan. 13, 1914: At 8h. 5m. a.m., l.m.t., I set off 32°56½!

N. on the lat.arc; 21°30'S. on the decl.arc; and determine a meridian with the solar at the original stand ard cor. of secs.32 and 33 on the south bdy. of the Tp., (1st. Standard Parallel South,) which is a lava stone in place 15×15×10 inc. above ground meriod and with in place, 15x15x10 ins. above ground, marked and witnessed as described by the Surveyor General.

The line, bet. secs. 32 and 33, runs down a crooked, deep, box; canyon, impassible on the sec. line. I therefore, run traverse line along east rim of canyon, through sec.

33 as follows:

From the standard cor. of secs. 32 and 33, I run, S. 77°16'E., 9.50 chs.

Thence N. 19°32' E., 17.90 chs.

Thence N. 13° 15'W., 25.91 chs. to a point which is 40.00 chs. N., and 9.31 chs. east of the standard cor. of secs.32 and 33, and 9.30 chs. east of the true point for \$\frac{1}{4}\$ sec.cor., of secs.32 and 33. As the true point for \$\frac{1}{4}\$ sec.cor. is inaccessible, and as this point is as near tosaid cor. point as it is practicable to establish a witness cor., I establish a witness cor. to # sec.cor., as follows:

Set and iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, at this point on traverse line, marked on brass cap,

1913 on Serim, W Co in N.half;

S 33 in SE., and S 32 in SW quadrant; and raise a mound of stone 2 ft. base, 12 ft. high, west of corner. Pits impracticable.

Thence t continue traverse line through sec. 33,, as fol-

lows:
N.12°30'E., 9.86 chs.
Thence N. 21°32'E., 14.82 chs.
Thence N.0° 15' W., 16.59 chs., to a point which is 80.00 chs. N., and 16.82 chs. E. of the standard corner of secs.32 and 33, and 16.80 chs. E. of the true point for cor. of secs.28,29,32 and 33. As this true c ner point falls in an inaccessible place where it As this true corwould be impracticable to set corner; therefore, I establish a witness corner to cor. of secs. 28,29, 32 and 33 at the last point on the traverse, 16.80 chs. east of true cor. point, as follows:

Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins.

, 24 ins. in the ground, marked on brass cap, 1913 on S.rim,

W C N of center, T 5 S R 29 E in N.half; S 29 in NW., S 28 in NE.,

S 33 in SE., and S 32 in SW. quadrant;

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

Land, mountainous. Soil, very rocky, 4th rate. Timber, scattering cedar. Undergrowth, mesquite and caction Mountainous land, 80 chs.

Jan.13, 1914.

Carlo Carrolle Carlo Carlo Carlo Carlo

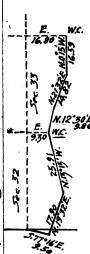
Jan. 12, 1914.

West on a random line, bet. secs. 29 and 32, from the witness cor. to cor. of secs. 28,29,32 and 33, described above.

୍କ୍ଟର୍ମିତ । ଜନ୍ମ ପ୍ରତ୍ୟାନ ଜନ୍ମ କଳାକ୍ଷ୍ୟ କଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅ ସ୍ଥଳ କଳାକ୍ଷ୍ୟ କଳାକ୍ଷ୍ୟ କଳାକ୍ଷ୍ୟ କଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ୍ର ଅଧିକଥାଚିତ

47. PAR N. C. C. 2500

It being impossible to chain on this line, I set a flag across a deep canyon, on west bank, S.89° 57 W., and measure a base line from the witness corner S.10°3 W. 30.77 chs., from the SW. end of which the flag brs.



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BOOK
     Partial Subdivision of Township 5 South, Range 29 East.
 Chains
                  N.40°48' W. The distance from witness cor. to flag on, line, S.89°57' W. is obtained from the following:

sin. 50° 51' x 30.77 = 31.50 chs.

sin. 49° 15'
                  This line being run S.89° 57 W. for a distance of
                                                                                                           31.50
                  chs.; The flag point is therefore 3 lks.S. of an E. and W. line. I therefore set over a point 3 lks.north
                  of flag ppint, and run west on random line, continuing measurement from witness cor. to cor. of secs. 28,29,32
                  and 33.
            (40.00plus 16.80) Set temp. sec.cor.
Intersect the N.and S. line, 5 lks. south of the cor. of secs. 29,30,31 and 32, hereinbefore described. There-
 56.80
96.48
                  fore, the true course of line, bet. secs. 27 and 72 1 89°58 E., and the true length of line = 96.48 chs. -
                            the true course of line, bet. secs.29 and 32 is S.
                  16.80 \text{ chs.} = 79.68 \text{ chs.}
             Thence I run,
            S.89°58 E., on a true line, bet. secs.29 and 32. Along north slope, through scattering timber and under-
                  growth.
  3.68
             Descend NE slope, 45 ft.to
5.50
7.70
11.50
            Bottom of canyon, course NW.
                                                               Ascend SW. slope, 35 ft.to
            Ridge, brs.NW. Descend slight NE. slope.
            Enter canyon, course NW.
14.00
            Leave canyon, course N.; ascend.
16.30
35.80
37.80
39184
            Cliff, 60 ft.high, brs.N.and S. Ascend SW. slope, 70 Ridge, brs.NW. and SE. Descend NE. slope, 10 ft.to
                                                                    Ascend SW. slope,790 ft.to
            Gulch, course NW. Ascend SW.slope, 275 ft. 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,
                   1913 on S.rim,

$\frac{1}{4}$ S 29 in N., and

$$ 32 in S.half;

and raise a mound of stone 2 ft. base, $\frac{1}{2}$ ft.high, N.
                   of corner. Pits impracticable.
            Rocky ridge, brs. NW. and BE. Descend NE. slope, 240 ft. Ledge, 40 ft. to foot, brs. NW. and SE. Ledge, 80 ft. to bottom, brs. NW. and SE.
54.88
58.60
64.10
            West edge of canyon, course S.
79.68
96.48
            The true point for sec.cor., which is inaccessible. Witness cor. to cor. of secs. 28,29,32 and 33, on the east
                   edge of canyon.
            Land, mountainous.
Soil, rocky, 4th rate.
            Timber, scattering cedar.
            Undergrowth, scattering mesquite, cacti and catclaw. Mountainous land, 80.00 chs. Jan. 12, 1914.
            Jan. 13, 1914: It being impossible to chain the entire
                   south half of line bet. secs. 28 and 29, I begin at the witness cor. to cor. of secs. 28,29,32 and 33,here-
                   inbefore described, and run on traverse line in sec.
           28.

N.3° 24' W., 7.75 chs.

Thence N. 33°10' W., 29.87 chs. to a point on the dec. line 32.74 chs. N.0°1'E., from the true point for cor.of secs. 28,29, 32 and 33.
           Thence I run, continuing measurement from cor.point, N.0°1 E., bet. secs.28 and 29.
Descend NE slope, 60 ft.through scattering timber and
                  undergrowth.
           Rim rock, 10 ft.high, brs.NW and SE.

Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

1913 on S.rim,
$\frac{1}{2}$ S 29 in W., and
37.65
40.00
                                                                                                                 Jec. 30 Sec. 31
```

S 28 in E-half;

of corner.

and raise a mound of stone 2 ft.base, 12 ft. high, W.o

N. 89 59 W.

```
Partial Subdivision of Township 5 South. Range 29 East
            Chains.
                         Pits impracticable.
                         Descend steep NE slope, 575 ft.
                         Rock spur on line.
Set flag for triangulation across Gila River.
Top of bluff, 150 ft. above river, brs. E. and W.
            54.90
64.36
65.25
                                                                                                                   Discon-
                               tinue chaining and at
                        set a flag on the north side of river, on line, and measure a base line from it, N.89°59. W., 13.00 chs. From the west end of this base line, the flag on the south side of the river brs. S.46° 01' E. The distance is given from the following: cet. 46° 91' * 13.00' * 12.54 chs. This added to 64.36 chs. makes the distance is across river to the flag 76.90 chs.

Flag point on bluff on north side of river, brs. E and W.;
Sec. 29 .4
             5ec.28
             76.90
                               ascend south slope.
                         Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked
             80.00
                               the ground, on brass cap,

1913 on S.rim,

T 5 S R 29 E in N.half;

S 20 in NW.,

21 in NE.,
                                                     S 28 in SE., and
S 29 in SW quadrant;
                               and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high, we
                               of cor. Pits impracticable.
                          Land, mountainous and hilly. Soil, rocky, 4th rate.
                          Timber, scattering cedar.
                          Undergrowth, scattering mesquite, catclaw and cacti. Mountainous land, 75 chs.
                          Note; The sky was overcast at noon, making an observation
                                 for latitude impossible.
                                                                                     Jan. 13, 1914.
                         Jan. 20, 1914:
N.89° 58' W., on a random line, bet. secs. 20 and 29.
East bank of canyon, 200 ft. deep. Impossible to chain across; therefore, I take stadia measurement to red on line, on west side of canyon. Rod reading (mean of three) 6.075 ft. Ratio, 1 ft. 2 chs. Focal con-
             13.56
                                                                                                                      to rod
                               stant, 1.025 ft. Level. The dist. on random line to red point is therefore 6.075 x 2 plus .016 = 12.17 chs.
                                which added to 13.56 chs.=
             25.73
40.00
                          Rod point,
Set temp. 4 sec.cor.
                          Intersect N and S. line at the cor. of secs. 19, 20, 29
             79.84
                                and 30, hereinbefore described.
                          Thence I run, s.89°58 E., on a true line, bet. secs.20 and 29. Across broken south slope, through scattering undergrowth.
                          Descend east slope, 200 ft.to
              4.85
              16.85 Canyon, course SSW. Ascend NW. slope, 235 ft.to
23.85 Ridge, brs.NNE. and SSW. Descend SE. slope, 200 ft.to
28.88 Canyon, course SW. Ascend SW. blope, 300 ft. in
39.92 Set an ironapostforft. lengthing in indiana, 26 mins. in, the
              23.85
                                and raise a mound of stone, 2 ft. base, 1 ft. high,
                                  north of cor. Pits impractcable.
                           Continue to ascend SW. slope.
                           Narrow, rocky ridge, brs. N. and S. Descend E slope, 350 ft.
              45.40
                          West side of eanyon, 200 ft.deep, course SSW. East bank of canyon. Ascend west slope, 80 ft.to Spur ridge, brs.S. Descend SE slope, 45 ft.to
              54.12
              66.28
              73•34
77•85
                           Thence along rocky south slope.
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BOOK 2770

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Partial Subdivision of Township 5 South, Range 29 East.
 Chains
79.84
             The cor. of secs. 20,21,28 and 29.
             Land, mountainous.
Soil, very rocky, 4th rate.
             No timber.
             Undergrowth, scattering mesquite, catclaw and cacti.
             Mountainous land, 80 chs.
             Jan. 20, 1914,
            At 9h. 57m., a.m., l.m.t., I set off 32° 58½ N. on the late arc; 20°10½ S. on the decl.arc; and determine a mer-
                    idiah with the solar at the cor. of secs. 20,21, 28 and
             29, hereinbefore described. Thence I run,
             N.0°1 E., bet. secs.20 and 21.
             Through dense undergrowth. Ascend steep south slope, 270
                    ft.to
7.20
7.50
18.50
            Feot of rim rock, 30 ft.high, brs.NE and SW.; ascend. Rocky ridge, brs.NE and SW. Descend NW. slope, 150 ft.to Gulch, course SW. Ascend SE slope, 240 ft.to
            Ridge, brs.NE and SW. Descend NW. slope, 35 ft.to
Draw, course W. Ascend SW. slope, 130 ft.
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,
31.50
38.00
40.00
                  1913 on S.rim,
$\frac{1}{4}$ S 20 in W., and
$S 21 in E.half;
and raise a mound of stone 2 ft. base, $\frac{1}{8}$ ft. high, W.
                  of cor. Pits impracticable.
            Spur ridge, brs.W. Descend N. slope, 35 ft.to
Gulch, course W. Ascend SW. slope, 115 ft.to
Ridge, brs. NW. and SE. Descend NE. slope, 105 ft.to
Gulch, course E. Ascend SE. slope, 30 ft.to
Spur ridge, brs. NE. Descend NW. slope, to
Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins.

the mound for cor. of secs. 10 16.17. 20 and 21.
50.75
62.00
70.00
74.40
79.00
86.00
                                                                                            24 ins. in
                   the ground, for cor. of secs. 30 16,17, 20 and 21,
                   marked on brass cap,

1913 on S rim,

T 5 S R 29 E in N.half;

S 17 in NW.,

S 16 in NE.,
                 S 21 in SE. and
S 20 min SW quadrant;
and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high,
            west of cor. Pits impracticable.

Land, relling. hilly and mountainous.

Soil, rocky, 4th rate.
            No timber.
            Undergrewth, dense catclaw, mesquite and greasewood. Mountainous land, 80 chs.
            Note: The sky was overcast at noon, making an observation
                 for latitude impossible.
                                                                          Jan. 20, 1914.
            Jan. 14, 1914: At 8h. 10m. a.m., l.m.t., I set off 21°20° S. on the decl.arc; 32° 56½°N. on the lat.arc; and determine a meridian with the solar at the true cor.
                 point, 13.00 chs.west of the witness corner to the
                 standard cor. of secs. 33 and 34 on the S.bdy. of the Tp., (1st. Stand. Par. South) which is a lave stone, 6x6x10
                 ins. above ground, marked and witnessed as described
                 by the Surveyor General.
            Thence I run, from true cor. point,
N.0°2'E., bet. secs.33 and 34.
Through scattering timber and dense undergrowth.
north slope, 175 ft.to
                                                                                                     Descend
            Canyon, 125 lks.wide, course E. Ascend SE. slope, 140 ft. to
9.75
18.50
            Spur ridge, brs.E. Descend NE. slope, 90 ft.
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Partial S bdivision of Township 5 South, Range 29 East
Chains
               Gulch, course E. Ascend SE. slope, 205 ft.

Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

1913 on S.rim,
$\frac{1}{2}$ S 33 in W., and

S 34 in E.half;

and raise a mound of stone 2 ft.base, $\frac{1}{2}$ ft. high, west
22.75
40.00
                       of corner. Pits impracticable.
               Old road, brs.NE tedClifton, and SW. to Solomonsville. Spur ridge, brs.E. Descend NE slope, 430 ft. Trail, brs.NE. to Clifton, and SW. to Schemonsville. Rocky ridge, brs.NE. and SW. Descend NW slope.
46.20
49.00
56.00
59.00
68.70
                Rim rock, brs. NE and SW. Perpendicular descent of 12 ft.
               Descend on ridge, brs.N.and S.
Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 27,28,33 and 34, marked
72.00
80.00
                       on brass cap,

1913 on Serim,
                                                  T 5 S R 29 E in N.half;
S 28 in NW.,
                                                  S 27 in NE.,
S 34 in SE,, and
S 33 in SW quadrant;
                       and raise a mound of stone 2 ft.base, 12 ft. high, west
                       of corner. Pits impracticable. d, rolling, hilly and mountainous.
                Land, rolling, hilly a Soil, rocky, 4th rate.
                Timber, scattering cedar.
                Undergrowth, dense mesquite, catclaw and cacti. Mountainous land, 52 chs.
                West, on a random line, bet. secs. 28 and 33. Set temp. sec.cor.
40.00
               Fall 9 lks.N. of the witness cor. to cor. of secs. 28,29,
63.18 -
                         32 and 33, set 16.80 chs. east of the true point for cor., as hereinbefore described.

true length of line, bet. secs.28 and 33 is therefore, 63.18 chs. plus 16.80 chs. = 79.98 chs., and the true course is N.89° 56' E. At this course, the witness cor. to cor. of secs.28,29, 32 and 33 is found to be 2 lks.5. of the true line, bet. secs.28 and 33.
                The true
                         to be 2 lks.S. of the true line, bet. secs.28 and 33; therefore, I set over a point 2 lks. north of he wit-
                ness core, and measuring from the true point form or of secs. 28,29, 32 and 33, I run,
N.89°56 E., on a true line, bet. secs. 28 and 33.
                Through scattering timber and undergrowth. Descend SE.
                          slope,, 215 ft.to
               Gulch, course SE. Ascend SW. slope, 30 ft.to
Spur ridge, brs.S. Descend SE. slope, 95 ft.to
Set an iron post, 3 ft.long, 1 in. indiam., 26 ins. in
the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

1913 on S.rim,
$\frac{1}{2}$ S 28 in N., and
28.00
35.50
39.99
                       S 33 in S-half;
and raise a mound of stone 2 ft.base, 12 ft. high, north
                of cor. Pits impracticable.
Continue to descend SE slope, 260 ft.to
Canyon, course NE. Ascend NW. slope, 110 ft.to
57.50
69.00
                Spur ridge, brs. NE. Descend east slope, 240 ft.to
Enter gulch, course SW., from WSW., 100 lks.wide.
Leave gulch, accend NW. slope, 10 ft.to
The cor. of secs 27,28,33 and 34.
Land, rolling, hilly and mountainous.
Soil, very rocky, 4th rate.
Timber, very seattering cedar.
76.50
78.00
79.98
                Timber, very scattering cedar.
Undergrowth, scattering mesquite, catclaw and cacti.
Mountainous hand, 56 chs.

Jan. 14,1914.
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800K 2772
      Partial Subdivision of Township 5 South, Range 29 East.
               Jan. 15,1914: At 7h. 54m. a.m., l.m.t., I set off 21°9's. on the declearc; 32°57½'N. on the latearc; and determine a meridian with the solar at the core of secs.
                      27,28, 33 and 34, hereinbefore described.
              Thence I run,
N.0°2'E., bet. secs.27 and 28.
Through dense undergrowth. Descend NW. slope, 10 ft.to
Gulch, course NE. Ascend broken - SE slope, 30 ft.to
  5.50
7.00
               Spur ridge, brs.E. Descend.
  9.00
               Gulch, course E.; ascend.
12.00
               Spur ridge, brs.E. Descend NE slope, 75 ft.to
15.00
19.00
               Thence along west bank of canyon, course N.
              Canyon, course NE. Ascend SE' slope, 15 ft. to Descend NE. slope, 85 ft. to
26.00
              Gulch, course E. Ascend broken SE. slope.

Spur ridge, brs.E. Descend.

Gulch, 2 chs.wide, 50 ft.deep, course E. Ascend SE. slope, 125 ft.

Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.cor., marked on brass cap,
31.00
34.00
36.00
40.00
                     1913 on S.rim,

$\frac{1}{4}$ S 28 in W., and
S 27 in E.half;
and raise a mound of stone 2 ft.base, $\limits_1\frac{1}{2}$ ft. high, W.
               of corner. Pits impracticable.

Spur ridge, brs.E. Descend NE slope, 80 ft.to
41.00
              Gulch, course E. Ascend SE slope, 90 ft.to
Spur ridge, brs.E. Descend NE slope, 115 ft.to
Top of, bluff, brs.NE.and SW. Perpendicular descent of
100 ft.
47.85
56.00
58.40
              Gulch, course NE. Ascend SE. slope, 35 ft.to
Spur ridge, brs.E. Descend NE slope 35 ft.to
Gulch, course E. Ascend SE slope, 40 ft.to
Spur ridge, brs.SE. Descend NE slope, 160ft.
Spur ridge, brs. E. Descend N. slope, to
Foot of descent; ledge 20 ft.to foot, brs.E and W.
61.00
64.00
67.00
69.00
73.00
78.80
              Point for sec.cor. falls where it cannot be established; therefore, continue N.0°2' E.to
80.00
              The nearest practical point for witness cor, where I Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for witness cor. to cor. of secs. 21,22,27
80.15
                      and 28, marked on brass cap,
                                               1913 on S.rim,
W C N of center,
T-5 S R 29 E in N.half;
                                               S 21 in NW.,
                                               S 22 in NE.,
                                               S 27 in SE, and
S 28 in SW quadrant;
                   and raise a mound of stone 2 ft.base, 12 ft. high, W. of
                   corner. Pits impracticable.
              Land, rolling and hilly. Soil, very rocky, 4th rate.
               No-timber.
               Undergrowth, dense mesquite, catclaw and cacti.
                                                                                            Jan. 15, 1914.
               Jan. 16, 1914:
               From the true point for cor. of secs. 21,22,27 and 28,
             I run,

S.89°56'W., on a random line, bet. secs.21 and 28.

Bluff 60 ft. above Gila River, brs.N.70°E., and S.70°W.

Discontinue chaining, and take stadia measurement across Gila and San Francisco Rivers at their point of junction. Rod reading (mean of three) 8.301 ft.

Ratio, 1 ft.= 2 chs. Focal constant, 1.025.ft Angle of depression = 9° 16'. The dist. on random line to rod is therefore 8.301 x 2 x .9741 plus .016 = 16.19 chs.,

which added to 18.38 chs. and SW.: thence by chain
18.38
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Rod point on cliff, brs. NE and SW.; thence by chain

34.57

Partial Subdivision of Township 5 South Range 29 East. Chains. measurement. Set temp, ½ sec.cor.

Impossible to chain from here. Take stadia measurement along edge of cliffs. Rod reading (mean of three)

10.946 ft. Ratio Itft. 2 chs. Focal constant, 1.025 40.00 43.29 The dist. on random line to rod is thereft. Level. fore 10.946 x 2 plus .016 = 21.91 chs. which added to 43.29 chs.= Rod point on side of cliffs. Take stadia measurement. 65.20 across deep box canyon, course SE. Rod reading (mean of three) 30573 ftt. Ratio 1 ftt. 2 chs. Focal constant, 11.025 ft. Angle of depression 8 and the dist. on random line from rod to instrument is therefore.

3.573 x 2 x .9806 plus .016 = 7.02 chs., which added to 65.20 ehs. =

Instrument point on spur ridge, brs.SE.

Intersect the N and S. line, 14 lks.south of the cor.of secs. 20,21, 28 and 29, hereinbefore described.

Thence I ran. 72.22 80.06 S.89°58'E., on a true line, bet. secs.21 and 28. Along broken south slope, through scattering timber and undergrowth. Spur ridge, brs.SE. West edge of deep box canyon, course 7.85 SE. Point on side of cliffs. Thence along edge of cliffs. 14.86 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for t sec.cor., marked on brass cap, ... 40.03 1913 on S.rim,
\$\frac{1}{2}\$ S 21 in N., and
\$\frac{5}{2}\$ 28 in S.half;
and raise a mound of stone, 2 ft. base, \$1\frac{1}{2}\$ ft. high, N. of cor. Pits impracticable. Thence along broken south slope, above eliff.
Point on cliff brs.NE and SW. 75 lks.S. of point a cliff 45.52 brs.W., which is 400 ft. perpendicularly above Gila River. Bluff, 60 ft. above Gila River, brs.N.70°E. and S.70° W., 61.68 on east bank of river. Thence along broken N. slope. Gulch, course N. 66.00 Descend NE slope.
Mexican's stone house (unfinished) brs.N.1.75 chs. dist. 72.00 76.00 80.06 The point for cor. of secs. 21,22,27 and 28. Land, mountainous and hilly. Soil, 2nd rate along river; rocky, 4th rate on clopes. Timber, cottonwood along river. Undergrowth, scattering mesquite, catclaw, and cacti. Mountainous land, 65 chs. Jan. 16, 1914. Jan. 21, 1914.
N.0°2° E., bet. secs. 21 and 22, from true corepbint.
Descend N. slope, through dense undergrowth. 0.15 Witness cor. to cor. of secs. 21,22,27 and 28, hereinbefore described.

Trail, brs.NW and SE.

Gila River 1 ch. wide, 4 ft. deep, course W.

North bank of river; ascend south slope.

Top of bluff, brs.E' and W. Ascend SW slo 2.48 4.35 5.50 8.85 Ascend SW slope, 120 ft.to Thence along west slope. 11.00 Thence along west slope.

14.15
Gulch, course SW. Ascend SE. slope.

24.00
Ridge, brs. E'and W. Descend NW slope, 30 ft.to

27.08
Top of cliff, 250 ft. perpendicularly above the San
Francisco River. Line is tangent to east bank of
river. River approaches line, course S.20°E., and
leaves it course SW. A canyon, course west enters river at this bend, across which I cannot chain; therefore, take stadia measurement to rod on line on No side of this canyon.

BOOK

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Partial Subdivision of Township 5 South, Range 29 East.
 Chains.
                  Rod reading (mean of three) 6.866 ft. Ratio 1 ft. 2 cm.
Focal constant, 1.025 ft. Vertical angle plus 12°30'.

The dist.on sec.line to rod is therefore, 6.866 x 2 x
.9532 plus .016 = 13.10 chs., which added to 27.0 8 chs.
= 40.18 chs., red point, from which I return on sec.
line, S.0°2'W., 0.68 chs. to

Cliff, 40 ft.high, brs.NW and SE.

Thence I run, N.0° 2'E., continuing measurement from point for cor. of secs.21,22,27 and 28.

Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

1913 on S.rim,
$\frac{1}{2}$ S 21 in W., and
S 22 in E.half;
 39.50
 40.00
                                                          S 22 in E.half;
                          and raise a mound of stone, 2 ft.base, 1\frac{1}{2} ft. high, w.
                           of cor. Pits impracticable.
40.18
                   Stadia rod point. Thence over level mesa.
46.00
                  Gulch, course west. Thence along broken west slope. Descend north slope, 65 ft.
 60.00
72.95
73.12
                 Ruins of rock house, brs.W.10 lks.dist.

A point1 lk. east of a post, painted white, 4 ins.
square, set in a mound of stone, marked SW cor. Toltec No.4 on N., and Toltec 5 NW. cor. on S.

Foot of cliffs, 60 ft.high, bears east and west.

Wagen read brs.NE to Clifton, and SW to Solomonsville.

Enter San Francisco River bottom, brs. E and W.

San Francisco River, 2 chs.wide, 2 ft. deep, course west.

Point for sec.cor. falls in river bottom, subject to overflow; therefore, impracticable to set post at this point. Continue N.0° 2'E. to

Set an iron post. 3 ft.leng. 2 ins. in diam. 24 ins. in
                  Ruins of rock house, brs.W.10 lks.dist.
 74.50
74.85
 76.00
 77.00
80.00
                  Set an iron post, 3 ft.leng, 2 ins. in diam., 24 ins. in the ground, for witness cor. to cor. of secs. 15,16,
81.25
                          21 and 22, marked on brass cap, .
                                                          arked on brass cap,

1913 on S'rim,

W C N of center,

T 5 S R 29 E in N.half;

S 16 in NW.,

S 15 in NE.,

S 22 in SE., and
                                                            S 21 in SW quadrant, and raise a mound of
                          stone, 2 ft.base, 12 ft. high, west of cor.
                  Pits impracticable.
                  Land, level, hilly and mountainous. Soil, 2nd rate on river; 4th rate on slopes.
                  No timber.
                  Undergrowth, dense mesquite, catclaw and cacti. Mountainous land, 52 chs.
                  At 10h. a.m., l.m.t., I set off 32°59' N. on the lat.arc; 19°57½'S. on the decl.arc; and determine a meridian with the solar at the point for cor. of secs. 15,16,
                          21 and 22.
                  Thence I run,
N.89°58 W., on a random line, bet. secs.16 and 21.
Set temp. 5 sec.cor.
Intersect N. and S. line, 7 lks.S. of the cor. of secs.16,17,
40.00
80.26
                          20 and 21, here inbefore described.
                  Thence I run, S.89° 55 E., on a true line, bet. secs. 16 and 21. Through scattering undergrowth. Descend NE. slope, 345 ft. to
                  Gulch, course SE. Ascend SW. slope, 55 ft.to
Spur ridge, brs.S. Thence along broken S.slope, to
Gulch, course S. Ascend SW. slope, 120-ft.to
Ridge, brs.S. at foot of sandstone point, 60 ft.high. De-
15.00
19.00
25.50
52.50
                  scend broken east slope, 125 ft.to

Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.cor., marked on brass cap,
40.13
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18. Partial Subdivision of Township 5 South, Range 29 East.
Chains.
               1913 on S'rim,

$\frac{1}{2}$ S 16 in N., and
$\frac{5}{2}$ in S.half;
and raise a mound of stone, 2 ft.base, 1\frac{1}{2}$ ft. high, N.
              of cor. Pis impracticable. Descend E. slope, 80 ft.to
              Gulch, course SE. Ascend SW. slope, 15 ft. Spur ridge, brs. SE. Descend SE. slope, 55 ft.to
42.75
45.50
51.70
57.25
70.25
               Gulch, course S. Ascend SW. slope, 80 ft.
              Spur ridge, brs.SE. Descend broken SE. slope, 170 ft. Spur ridge, brs.SE. Descend broken SE. slope, 220 ft. Enter river bottom. Enter dense undergrowth, brs. NE.
74.00
                       and SW.
               True point for cor. of secs. 15,16,21 and 22, in San Francisco River Bottom, 1.25 chs. S.0°2' W. of the wit-
80.26
               Land, rolling, hilly and mountainous. Soil, rocky, 4th rate.
               No timber, except cottonwood in river bottom.
               Undergrowth, dense greasewood, catclaw, mesquite and
                     eacti.
               Mountainous land, 48 chs.
               Note: Absent from line at noon; did not make observa-
                  tion for lat.
                                                                                         Jan. 21, 1914.
              Jan. 29, 1914:

N. 0°2' E., bet. secs. 15 and .16. from the witness cor. to

cor. of secs. 15, 16, 21 and 22, measuring from true cor. pt,

which is 1.25 chs. S. 0°2'W.,

Ascend almost impassible cliffs, 425 ft. to

Ridge, brs. NW and SE. Descend NE slope, 140 ft. to

Gulch, course SE. Ascend SW. slope, 185 ft.
 12.24
              Ridge, brs.NW and SE Descend NE slope, 140 ft. to Gulch, course SE. Ascend SW slope, 185 ft. Spur ridge, brs.SE. Continue to ascend SW slope. Gulch, course SE. Continue to ascend SW slope. Spur ridge, brs.W. Descend slight NW slope. Gulch, course SW. Ascend S. slope, 80 ft. to Set an iron post, 3 ft.logg, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap, 1913 on S rim, $\frac{1}{2}$ S 16 in W., and $\frac{1}{2}$ S 15 in E half:
 20.00
 22.00
 23.00
 31.25
 35.50
40.00
                      S 15 in E half; and raise a mound of stone, 2 ft. base, l_{\overline{z}} ft.high, west of cor. Pits impracticable.
                Continue to ascend.S. slope, 145 ft.to
               Ridge, brs. NW and SE. Descend N. slope, 130 ft.to Gulch, course E. Ascend S. slope, 320 ft.to Ridge, brs. E. and W. Descend NE' slope, 100 ft.to Gulch, course E. Ascend SE: slope, 110 ft.to
 47.20
 54.00
 67.00
 74.50
 80.00 High ridge, brs. E'and W. Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 9,10,15 and 16, marked on brass cap,
                                               1913 on S.rim,
T.5 S R 29 E in N.half;
S 9 in NW.,
                                                S 10 in NE.,
                S 15 in SE., and
S 16 in SW.quadrant;
and raise a mound of stone, 2 ft.base, 12 ft. high, west
                    of cor. Pits impracticable.
                Land, rolling, hilly and mountainous. Soil, very rocky, 4th rate.
                No timber.
                Undergrowth, dense greasewood, mesquite, catclaw and cacti.
Mountainous land, 70 chs.
                                                                                      Jan. 29, 1914.
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ECOK 2772

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Partial Subdivision of Township 5 South Range 29 East.
Chains
               Jan. 16, 1914: At 7h. 55m. a.m., l.m.t., I set off 32° 56 N. on the latearc; 20°58 S. on the declearc; and
                      determine a meridian with the solar, at the true point for standard cor. of secs. 34 and 35, on south bdy. of Tp. (1st. Stand. Par. South), which is 1 ch. east of the witness cor., which is cor. of secs. 34 and 35, a stone 12x10x8 inc. above mound marked and witness cor.
                      12x10x8 ins. above ground, marked and witnessed as described by the Surveyor General.
              Thence I run, from true cor. point,
              N.0°2'E., bet. secs. 34 and 35.
Descend in wash.
              Leave wash, course N. 25°E.
                                                                         Thence along east slope,
  9.70
              through dense undergrowth.

Spur ridge, brs.NE and SW. Descend slight

Box canyon, 1 ch. wide, 20 ft.deep, course E.

slope, 215 ft.to
  7.00
                                                                          Descend slight N.slope.
  9.00
                                                                                                                Ascend SE.
              Ridge, brs.NE and SW. Descend NW. slope, 245ft.
25.00
              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, 1913 on S.rim, \frac{1}{4} S 34 in W., and S 35 in E.half; from which,
40.00
              A cedar, 6 ins. in diam., brs.N.672°E.,123
lks.dist., marked 2 S 35 B T.

No other trees within limits; raise a mound of stone, 2
ft.base, 12 ft. high, west of cor. Pits impractica-
                                                                                                 Pits impractica-
              Gulch, course NE. Ascend SE. slope, 100 ft.to Ridge, brs.NE and SW. Descend NE slope, 80 ft.to Gulch, course NE. Ascend SE. slope, 55 ft.to Spur ridge, brs. SE. Descend NW slope, 165 ft.to
41.00
50.50
55.00
61.00
              South bank of deep box canyon, course NE. Impossible to chain across; therefore, take stadia measurement to
70.32
                    rod on line on N. bank, Rod reading (mean of three)
0.835 ft. Ratio, 1 ft. 2 chs. Focal constant, 1.025
                              Level. The dist.on sec.line to rod is therefore,
                    0.835 \times 2 \text{ plus } \cdot 016 = 1.69 \text{ chs.}, \text{ which added to } 70.32
              Rod point on N. bank of canyon; ascend SE slope, 25 ft Spur ridge, brs.E. Descend NE slope, 130 ft. Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 26,27,34 and 35, marked
72.01
74.00
                                                                                  ascend SE. slope, 25 ft.
80.00
                    the ground, -
on brass cap,

1913 on S'rim,

T 5 S R 29 E in N.half;
S 27 in NW.,

26 in NE.,
                                             S 35 in SE., and
S 34 in SW quadrant;
                    and raise a mound of stone, 2 ft. base, l_{\frac{1}{2}} ft.high, west of cor. Pits impracticable.
                    e: At this corner, Jan. 16, 1914, I set off 20° 58'S on the decl. arc; and at apparent noon, I observe the
              sun on the meridian; the resulting late is 32^{\circ}57\frac{1}{2} N. Land, rolling, hilly and mountainous.
              Soil, very rocky, 4th rate,
              Timber, none.
              Undergrowth, mesquite, catclaw and cacti. Mountainous land, 60 chs.
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18.46

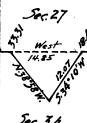
Jan. 14, 1914.

West, on a random line, bet. secs.27 and 34.

Impossible to chain from here, because of deep box canyon.

Set a flag on line, on west bank of canyon; then from 18.46 chs. station measure a base line S.34° 10 W., 12.07 chs., from the SW end of which the flag brs.

N.38° 58 W. A longer base could not be secured. The distance across is obtained from the following:



Sec. 34

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20. Partial Subdivition of Township 5 South, Range 29 East
Chains.
                  sin. 73° 08' x 12.07 = 14.85 chs., which added to 18.46 chs.=
             Flag point on west bank of canyon.
33.31
40.00
             Set temp. 2 sec.cor.
Intersect N. and S. line, 7 lks. N. of. the cor. of secs. 27,
79.99
            Thence I run,

N.89° 57' Es on a true line, bet. secs. 27 and 34.

Ascend rolling NW. slope, 335 ft.to

Ridge, brs. NE° and SW. Descend SE° slope, 240 ft.

Old wagon road, brs. NE° and SW.
20.00
22.90
25.00
33.50
39.995
Spur ridge, brs.SE. Continue to descend SE. slope.
Gulch, course SE. Ascend SW. slope, 55 ft.to
Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in.
the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

1913 on S'rim,
$\frac{1}{2}$ S 27 in N., and
$\frac{1}{2}$ S 1 in S.half;
and raise a mound of stone 2 ft. base, $\frac{1}{2}$ ft. high, N.
of core Pits impracticable.
22.90
                     of cor. Pits impracticable.
             Ascend SW. slope, 20 ft.to
             West bank of box canyon, course N.
46.68
             Ridge, brs. N. and S. East bank of box canyon. Descend SE. slope, 270 ft. to
61.53
             Canyon, course NE. Ascend NW. slope, 95 ft.to
The cor. of secs. 26,27, 34 and 35.

Land, hilly and mountainous.

Soil, very rocky, 4th rate,
No timber.
73.40
79.99
             No timber.
             Undergrowth, dense mesquite, catclaw and cacti. Mountainous land, 62 shs.
                                                                           Jan. 14,1914.
             Jan. 16, 1914:
N. 0°2 E., bet. secs. 26 and 27.
             Through scattering timber and dense undergrowth. Descend NW. slope, 175 ft.to
             Gulch, course NE. Ascend SE slope, 45 ft.to
  5.40
14.40
             Thence along east slope.
25.20
             Descend NE. slope, 170 ft.
             Mexican cabin, brs.E., and about 10 chs.dist. Canyon, 130 ft.deep, course E.
27.00
 31.20
             Ascend steep south slope, 130 ft.to

Ridge, brs.E. and W. Descend N. slope, 140 ft.

Set an iron post, 3 ft. lbng, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{2}$ sec.cor., marked on brass cap,

1913 on S.rim,
$\frac{1}{4}$ S 27 in W., and
$\frac{1}{2}$ S in E half:
33.20
39.10
40.00
                   S 26 in E half;
and raise a mound of stone, 2 ft. base, 1\frac{1}{8} ft. high, W. of cor. Pits impracticable.
             Trail, brs. NW and SE.
Top of bluff at head of gulch, course N. Descend in
 44.83
 45.40
             Leave gulch; ascend SE' slope.
Wheel for raising water, brs.NL74°E., about 5 chs.dist.
Rock spur brs.E. Descend NE' slope.
Wire fence brs.NW and SE.
 49.00
50.79
 50.96
 51.54
             Ditch at foot of bluff, 2 ft.wide, 18 ins. deep, course
                     NW.
51.90
52.25
53.40
              Trail, brs. NW and SE. Wire fence brs. and SE. South edge of Gila River.
              North bank of Gila River, course W. Thence across river
                   bottom.
56.63
56.94
              Wire fence, brs. NW. and SE. Wagon road brs. NW and SE.
              To measure dist. over a cliff, from this point I measure off a base line, N.89°58 W., 2.00 chs. from the west
 60.66
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Subdivision of Township 5 South, Range 29 East.
        <u>Partial</u>
  Chains
                      end of which a flag on line on top of cliff, brs. N.44° 29°E. The distance is given by the following:

cot.44° 27° x 2 = 2.04 chs., which added to
60.66 chs. = 62.70 chs., flag point.
                Fromthe west end of the measured base line,
                Hot Springs Hotel, Mrs.Geo. Sark, Prop., brs.N., about
                      4 chs.dist.
               Bath house, brs.N. about 3 chs.dist. Hot well, brs.N.9° W., about 3 chs.dist.
               Merenci Hot Springs, along Gila River, bear N. 66° W., about 8 chs.dist. Temperature, 125° F. No indication
                      of sulphur.
 61.00 Road brs. E and W.
               Foot of bluff, brs. NW. and SE., 60 ft. high. Discontinue
 61.60
                      chaining.
 62.70
               Flag point of triangulation described above; impossible
                      to chain from here; therefore, I ake stadia measure-
                     ment across cliffs and canyon, course SW. Rod reading (mean of three) 2.070 ft. Ratio, 1 ft. - 2 chs. Focal constant, 1.025 ft. Angle of depression - 40.
                     The dist. on sec. line to instrument is therefore 2.070 \times 2 \times .9951 plus .016 = 4.14 chs., which added to 62.70
                     chs.
               Instrument point. From this point, chaining is impossible over rocky points alongside of a broken zigzag ganyon, course S.20°W.; therefore, I take stadia measurement to rod en line on ridge. Rod reading (mean of three) 6.555 ft. Ratio, 1 ft.= 2 chs. Focal constant, 1.025 ft. Vertical angle' plus 7°. The dist. on sec.line to rod is therefore, 6.555 x 2 x .9851 plus .016 = 12.93 chs. which added to 66.84 chs.=
 66.84
               Rod point on ridge, brs.NE. and SW. SW. Descend NW. slope.
79.77
                                                                                             Trail brs. NE. and
 80.00
               Set an iron post 3 ft. long, 2 ins.
                     an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 22,23, 26 and 27, marked
                     on brass cap,
                                             1913 on S.rim,
T 5 S R 29 E in N.half;
S 22 in NW.,
                                             S 23 in NE.,
S 26 in SE., and
S 27 in SW. quadrant;
                     and raise a mound of stone, 2 ft.base, 1\frac{1}{2} ft. high, west of cor. Pits impracticable.
              Land, relling amd mountinous.
              Seil, 2nd rate on river bottom; 4th rate on slopes. Timber, cottonwood, and mesquite along river bottom.
              Scatering cedar remainder of mile.
              Undergrowth, mesquite, catclaw, greasewood and caction Mountainous land, 48 chs.
                                                                                   Jan. 16, 1914,
              Jan. 21, 1914: At 7h. 30m., a.m., l.m.t., I set off 32° 58½ N. on the latarc; 19°55½ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 22, 23, 26 and 27.
              Thence I run, S.89°57 W., on a random line, bet. secs.22 and 27. Set temp. ‡ sec.cor.
40.00
             East bank of Gila River. At this point, I measure a base line, N.24° 23'W., 6.98 chs. from the NW. end of which a flag set on random line on west side of Gila River, at a point 41 lks.S.0°2'W. from the witness corto cor. of secs. 21,22, 27 and 28, brs.S.32° 32'W.

The distance is found from the following:

Sin. 56°55' x 6.98 = 6.94 chs.

Sin. 57°25'
73.06
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which added to 73.06 chs. =

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Partial Subdivision of Township 5 South Range 29 East.
Chains
                        point. As this is 41 lks. S.0°2'W. of the witness cor. which is 15 lks.N.0°2'E. of true cor.point, the falling of the random line bet. secs.22 and 27 is therefore, 41 lks. - 15 lks. = 26 lks. S. of the true point for cor. of secs. 21,22,27 and 28, hereinbefore
00.08
             Flag point.
                        described.
               Thence I run, S. 89°52 E. on a true line, bet. secs.22 and 27.
               Across river bottom, through dense undergrowth.
               Trail, brs. NW and SE.
  1.35.
               Trail, brs. NW and SE.
               Gila River, 2 chs.wide, 2 ft. deep, course NW.
Bluff, 70 ft.high, brs.NW and SE. Ascend SW. slope, 100
  3.60
6.94
                      ft.to
               Spur ridge, brs.SW. Descend SE. slope, 40 ft.to Gulch, course SW. Ascend NW. slope, 100 ft.to Ridge, brs.NE and SW. Ascend SW. slope, 45 ft.to Ridge, brs.N'and S. Descend SE. slope, 85 ft.to Gulch, course S. Ascend SW. slope, 30 ft.to
14.00
18.00
24.00
32.00
35.75
38.00
               Ridge, brs. N. and S. Descend E. slope, 35 ft. to
Set an iron pest, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for \(\frac{1}{2}\) sec.cor., marked on brass cap,

1913 on S. rim,
\(\frac{1}{2}\) S 22 in N., and
40.00
                                                 S 27 inS.half;
                       and raise a mound of stone, 2 \text{ ft.} base, 1\frac{1}{2} \text{ ft.} high,
               north of cor. Pits impracticable. Ascend.

Ridge, brs. NW and SE. Descend NE slope, 45 ft.to
Gulch, course SE. Ascend SW slope, 100 ft.to
Rock spur, brs.SE Descend E slope, 50 ft.to
Gulch, course S. Ascend west slope, 95 ft.to
Ridge, brs.N. and S. Descend east slope, 110 ft.to
43.00
45.80
49.50
51.75
55.50
               Gulch, course S. Ascend 55 ft.to
Spur ridge, brs.S. Traill, brs. NE and SW.
Descend NE slope, 75 ft.to
Gulch, course SE. Ascend to
 61.00
 62.50
 67.00
               Spur ridge, brs.SW. Descend SE slope, to carryon; course SE. Ascend NW. slope, to
70.15
74.00
                Spur ridge, brs. NW. Descend NW. The cor. of secs. 22,23,27 and 28.
                                                             Descend NW. slope to
 78.00
80.00
                Land, hilly and mountainous.
                Soil, rocky, 4th rate.
                No timber.
                Undergrowth, dense greasewood, catclaw, mesquite and
                        cacti.
                Mountainouss land, 60 chs.
                                                                                          Jan. 21, 1914/
                 Jan. 23, 1914:
                At 8h.55m. a.m., l.m.t., I set off 19°30'S. on the decl. arc; 32°58½'N. on the lat.arc; and determine a meridian with the solar at the cor. of secs. 22,23,
                       26 and 27, hereinbefore described.
                Thence I run,
N.0°2' E., bet. secs. 22 and 23.
                 Over rolling land, through scattering timber and dense
               over relling land, through scattering timber and constituted undergrowth. Ascend.

Spur ridge, brs. W. Descend NW. slope, 25 ft.to.

Gulch, course SW. Ascend SE. slope, 180 ft.to.

Gulch, course SE. Ascend S. slope, 160 ft.to.

Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec.cor., marked om brass cap,

1913 on S.rim,

$\frac{1}{4}$ S 22 in W., and

$S 23 in E.half;

and raise a mound of stone 2 ft.base, 1$\frac{1}{2}$ ft.high, W.
   1.50
 7.00
34.00
 40.00
                         and raise a mound of stone 2 ft.base, la ft.high, W.
                         of cor. Pits impracticable.
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PCCE 2772
       Partial Subdivision of Township 5 South, Range 29
  Chains.
  41.00
                                                                Descend N. slope, on spur ridge,230
                  Ridge, brs. Eand W.
                        ft.to
                 Gulch, course NW. Ascend SW. slope, 50 ft.to
Spur ridge, brs.E. Descend NW. slope, 50 ft.to
Gulch, course W. Ascend S. slope, 155 ft.to
Ridge, brs.E'and W. Descend NE. slope, 160 ft.to
Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor.of secs.14,15, 22 and 23, marked
on brass cap.
  50.00
  55.40
  58.50
65.50
  80.00
                             on brass cap,
                                                  1913 on Sorim,
T 5 S R 29 E in Nohalf;
S 15 in NWo,
S 14 in NE.
                                                   S 23 in SE., and
S 22 in SW quadrant;
                       and raise a mound of stone, 2 ft.base, 1\frac{1}{2} ft. high, west of cor. Pits impracticable.
                Land, rolling, hilly and mountainous. Soil, rocky, 4th rate, Timber, very scattering cedar.
                 Undergrowth, dense greasewood, catclaw, mesquite and
                          cacti.
                 Mountainous land, 56 chs.
                                                                                                 Jan. 23, 1914.
                 Jan. 29,1914: At 9h. 55m. a.m., l.m.t., I set off 32°59' N. on the lat.arc; 18°00'S. on the decl.arc; and determine a meridian with the solar at the cor. of secs.
                14,15,22 and 23, above described.
Thence I run,
N.89°52 W., on a random line, bet. secs. 15 and 22.
Settemp. 4 sec.cor.
 40.00
                Intersect N. and S. line, 1.48 chs. south of the winess cor. to cor. of sees. 15,16,21 and 22, which is 1.25 chs. N. 0°2' E. of the true por. pt. The falling of the random line bet. secs. 15 and 22, is therefore 1.48 chs. - 1.25 chs. \( \frac{1}{2} \) 23 lks. south of the true cor. point,
 79.92
                         hereinbefore described.
                Thence I run,
S.89° 42' E., on a true line, bet. secs.15 and 22.
In dry bed of San Francisco River, through dense under-
                         growth.
               Leave river bottom, course NW.; ascend SW. slope, to Spur ridge, brs.SE. Ascend SW. slope, 65 ft.to Ridge, brs.NW. and SE. Descend east slope, 90 ft.to Box canyon, course SE. Ascend slight SW. slope, 55 ft.to Ridge, brs.NW. and SE. Descend E. slope, 80 ft.to
   4.95
6550
19.34
21.72
34.90
38.40
               Gulch, course SE. Ascend SW. slope, 30 ft.

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,

1913 on S.rim,
\(\frac{1}{4}\) S 15 in N., and
39.96
                                                 $ 22 in S.half;
                        and raise a mound of stone, 2 ft.base, 1\frac{1}{2} ft. high, north of cor. Pits impracticalble.
42.00
               Thence along south slope.
44.00
               Descend SE. slope, 160 ft.
52.00
54.92
               Descend E. slope.
               Wagon road, brs.N.to Clifton, and S.to Solomonsville.
West bank of San Francisco River, 150 Iks.wide, 2 ft.deep,
56.00
                        course SW.
               East bank of river. Ascend NW slope, to Ridge, brs.NE.and SW. Thence across broken N.slope. The cor.of secs.14,15,22 and 23.
Land, rolling, hilly and mountainous.
Soil, rocky, 4th rate on slopes; 2nd rate along river.
57.50
59.35
79.92
               Timber, none. Undergrowth, mesquite, catclaw, greasewood
                        and cacti. Mountainous land, 46 chs.
                                                                                                            Jan.29, 1914.
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24. Partial Subdivision of Township 5 South, Range 29 East.
Chains.
               Jan. 26, 1914.

N.0°2°E., bet. secs.14 and 15.

Through dense undergrowth. Descend NE° slope, 55 ft.to
Gulch, course NW. Ascend SW° slope, 50 ft.to
Spur ridge, brs.W. Descend NW. slope, 10 ft.to
Gulch, course W. Ascend SW° slope, 115 ft.to
Ridge, brs.E'and W. Descend NW. slope, 40 ft.to
Precipitous descent, 320 ft., brs. E'and W.

Foot of bluff; thence along San Francisco River bottom.
Wagon road brs.E'and W.
                Jan. 26, 1914.
  1.85
5.75
7.75
11.50
15.66
19.00
                Wagon road brs.E'and W.
20.05
                San Francisco River, 150 lks.wide, 2 ft. deep, course NW.
21.95
               Leave river bottom; asc. broken SELshepel00 ft.to
24.00
               Spur ridge, brs. E. Impossible to chain across deep box eanyon, course SE. Therefore, I take stadia measure-
31.25
                eanyon, course SE. Therefore, I take stadia measurement to rod on sec.line on N.side of canyon. Rod reading, (mean of three) 7.927 ft. Ratio, 1 ft. 2 chs. Focal constant, 1.025 ft. Vertical angle plus 9°30'.

The dist.on sec.line to rod is therefore, 7.927 x 2 x

.9728 plus .016 = 15.44 chs., which added to 31.25 chs.

= 46.69 chs. rod point. As the true point for $\frac{1}{2}$ sec.
                       cor. is inaccessible, to locate witness cor. as near to cor. point as practical, I return by chain measurement
                on sec.line
S.0°2'W., 1.59 chs. from rod pointat 46.69 chs. pt. to
Set an iron post; 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for witness cor. to 4 sec.cor., marked on brass
45.10
                       eap,
                                                   1913 on S.rim,
W C 1 in N.half;
S 14 in SE., and
                                                   S 15 in SW quadrant;
                       and raise a mound of stone, 2 ft. base, 1 ft. high,
                       west of cor. Pits impracticable.
                Thence I run,
N.0°2'E., bet. secs.14 and 15, continuing measurement from
cor.of secs. 14,15,22 and 23.
                 Ascend SW. slope.
                 Trail brs. NW. and SE. Thence over rolling land; ascend.
 45.30
46.69
                Rod point on ridge, brs. NW and SE. Descend NE slope, 25
                       ft.to
                Gulch, course SE. Ascend SW. slope, 65 ft.to Ridge, brs.NW and SE. Descend gentle NE slope, to
 55.68
60.66
67.66
                 Gudch, course E.; ascend.
                Spur ridge, brs.E. Descend NE' slope, 65 ft.to
Gulch, course E. Ascend SE. slope, 50 ft.to
Spur ridge, brs.E. Descend N. slope, 60 ft.to
Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 10,11, 14 and 15, marked
  69.16
 72.10
 77.65
80.00
                        on brass cap,
1913 on S.rim,
                                                   T 5 S R 29 E in N.half;
                                                   S 10 in NW.,
                                                   S 11 in NE.,
                                            S 14 in SE., and
S 15 in SW. quadrant; from which,
A cedar, 8 ins. in diam., brs. N. 4220W., 97
lks.dist., marked T 5 S R 29 E S 10 BT.
                 No other trees within limits. Raise a mound of stone 2 ft.base, left. high, west of cor. Pits impracticable Land, mountainous and hilly. Soil, very rocky, 4th rate. Timber, wery scattering codar. Undergrowth, dense greasewood, catclaw and cacti. Mountainous land, 58 chs.
                                                                                            Jan. 26, 1914.
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2772

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Partial Subdivision of Township 5 South, Range 29 East
 Chains.
              Jan. 29, 1914:
N. 89°42'W., on a random line, bet. secs.10 and 15.
 40.00
              Set temp. 4 sec. cor.
 79.92
              Intersect Nand S. line, 33 lks.N. of the cor. of secs. 9,10,
                   15 and 16, hereinbefore described.
              Thence I run,
              S.89°56 E., on a true line, bet. secs.10 and 15.
              Along ridge, brs. E. and W., through dense undergrowth, and
                   scattering timber.
   2.00
              Descend slight SE. slope.
             Spur ridge, brs. SE. Spur ridge, brs. NE.
   7.00
                                                       Descend NE. slope, 290 ft.
 27.00
                                                      Descend E. slope.
 27.50
35.00
39.96
              Gulch, course NE. Thence along north slope.
             Spur ridge, brs. NE. Descend E. slope, 105 ft.

Set an iron post, 1 ine in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brasscap,

1913 on S.rim,

$\frac{1}{4}$ S 10 in N., and

S 15 in S.half;
                   and raise a mound of stone, 2 ft. base, 12 ft. high, N.
             of corner. Pits impracticable.

Gukch, course NE. Descend NE. slope, 65 ft.to
Gulch, course SE. Ascend SW. slope, 190 ft.

Gulch, course SW. Ascend SW. slope.
 41.80
47.30
55.70
61.90
             Gulch, course SW. Ascend SW. slope.
Ridge, brs.NW and SE. Descend NE' slope, 140 ft.to
Wash, course N.E. Thence along N. slope.
 69.90
             Descend NE slope, 130 ft.to
The cor. of secs. 10,11,14 and 15.
77.00
79.92
             Land, rolling, hilly and mountainous.
Soil, rocky, 4th rate.
Timber, very scattering cedar.
Undergrowth, dense greasewood, mesquite, catclaw and cacti.
Mountainous land, 44 chs.
                                                                                    Jan.29, 1914.
             Jam. 27,1914: At 2h. 5m. p.m., l.m.t., I set off 33°00 N. on the lat.arc; 18°28 S. on the decl.arc; and dectermine a meridian with the solar at the cor. of secs. 101,11,14 and 15, hereinbefore described.
             Thence I run,
N.0°2'E., bet. secs.10 and 11.
             Through scattering undergrowth. Descend NE slope, 10
                  ft.to
 1.50
3.65
             Gulch, course SE.
                                              Ascend S. slope, 55 ft.to
            Spur ridge, brs.SE. Thence along east slope. Descend NE slope, 70 ft.to
Box canyon, course SE. Ascend SW. slope.
  9.00
15.00
24.00
            Gulch, course SW. Ascend SW. slope, 255 ft.to Ridge, brs. NW. and SE. Thence along east slope. Trail, brs. NW. and SE.
35.00
36.50
            Set an iron post, 3 f.t. long, 1 in. in diam., 26 ins. in the ground, for 4 sec.cor., marked on brass cap,
40.00
                 1913 on S.rim,
$\frac{1}{2}$ S 10 in W., and
$S 11 in E. half;
and raise a mound of stone, 2 ft. base, $\frac{1}{2}$ ft. high, W.
                  of corner.
                                        Pits impracticable.
           Thence along east slope.

Ascend slightSE slope, 75 ft.to
Descend NE slope, 45 ft.to
42.00
54.00
           Gulch, course E. Ascend SE. slope, 85 ft.to
Gulch, course E. Ascend SE. slope, 100 ft.to
Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor. of. secs. 2,3, 10 and 11, marked
58.00
74.00
80.00
                    on brass cap,
                                       1913 on S.rim,
                                       T 5 S R 29 E in N.half;
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S 3 in NW., S 2 in NE.,

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Partial Subdivision of Township 5 South, Range 29 East.
Chains
                                 S 11 in SE., and
S 10 in SW. quadrant;
                    and raise a mound of stone 2 ft. base, 12 ft. high, W.
             of corner. Pits impracticable.

Land, rolling, hilly and mountainous.

Soil, rocky, 4th rab.
              No timber.
             Undergrowth, scattering greasewood, mesquite, catclaw and cacti. Mountainous land, 32 chs.
Note: The sky was overcast at noon, making an observation
                 for latitude impossible.
                                                                                Jan. 27, 1914.
              Jan. 29, 1914:
              Jan. 29, 1914:
N.0°2°E., on a random line, bet. secs.2 and 3.
Set temp. 2 sec.cor.
Intersect N° bdy. of Tp., 26 lks. west of the cor. of secs.
2,3,34 and 35, established by me, as described in Book
"A."
40.00
80.26
              Thence I run, s.0°13'W., on a true line, bet. secs.2 and 3.
              Through dense undergrowth. Ascend NE slope, 55 ft.to Spur ridge, brs.E. Descend SE slope, 60 ft.to Gulch, course E. Ascend NE slope, 135 ft.to Spur ridge, brs.E. Continue to ascend NE slope, to Ridge, brs. NW and SE. Descend SW slope, 170 ft.to Gulch course SE Ascend NE slope, 170 ft.to
 13.00
 17.00
 21.85
27.75
36.75
40.26
               Gulch, course SE. Ascend NE slope, 50 ft.
              Set an iron post 3 ft.long, 1 in. in diam., 26ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, 1913 on S.rim, $\frac{1}{4}$ S 3 in W., and $S 2 in E-half;
                   and raise a mound of stone, 2 ft.base, laft. high, Wof
                   corner. Pits impracticable.
              Ridge, brs. NW. and SE. Descend S. slope, 75 ftto
Gulch, course SE. Ascend NE. slope, 150 ft.to
Ridge, brs. NW. and SE. Descend SW. slope, 215 ft.to
 41.06
44.55
47.65
61.30
               Gulch, course SE. Ascend NE slope, 50 ft. to
              The cor. of secs. 2,3,10 and 11.

Land, rolling, hilly and mountainous.
 80.26
               Soil, very rocky, 4th rate.
               No timber.
               Undergrowth, dense greasewood, catclaw, mesquite, and
                     cacti.
              Mountainous land, 50 chs.
                                                                        Jan.29,1914.
              Jan. 17, 1914: At 8h.32m., a.m., l.m.t., I set off off.

32°56½ N. on the lat.arc; 20°47 S. on the decl.arc;
and determine a meridian with the solar at the stand.
cor.of secs. 35 and 36, on south bdy.of Tp. (lst.Stand.
Parallel S.) reestablished by me, as described in
Book "B."

Thence I run,
N.0°3 E., bet. secs.35 and 36.
Through scattering undergrowth. Descend NE. slone 28E
               Through scattering undergrowth. Descend NE slope, 285 .
  26.90
                                                    Ascend SE. slope, 80 ft.to
               Gulch, course E.
               Thence along east slope, to
  37.00
40.00
               Set an ion post, 3 ft.long, 1 in. in diam., 36 ind.in the ground, for $ sec.cor., marked on brass cap,
                                              1913 on Serim,

1 S 35 in W., and

S 36 in SE-half;
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and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, we of core Pits impracticable.

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Partial Subdivision of Township 5 South, Range 29 East.
Chains,
           Descend NE' slope, 45 ft.to
           Draw, course E. Ascend SE slope, 70 ft.to
42.00
                                                   Descend slight NE. slope, 165 f.ft.
51.00
           Ridge, brs.NE and SW.
                 to,
            Thence along east slope. Trail, brs. NE and SW.
70.00
76.90
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, marked
                 on brass cap,
                                    1913 on Sorim,
T 5 S R 29 E in Nohalf;
S 26 in NW.
                                   S 25 in NE.,
S 36 in SE., and
                                    S 35 in SW. quadrant;
                and raise a mound of stone, 2 ft. base, lift. high, W.
           of corner. Pits impracticable.
Land, rolling, hilly and mountainous.
Soil, rocky, 4h rate.
           No timber.
           Undergrowth, scattering mesquite, catclaw and cacti. Mountainous land, 32 chs.
                                                                    Jan. 17, 1914.
           Jan. 16,1914;
           West, on a random line, bet. secs. 26 and 35.
           East edge of deep box canyons course N. Impossible to
 3.31
                chain. Triangulate distante to a flag set on line on west side of canyon, as follows: From 3.31 ch. station, I measure a base line, S.8°43 E., 13.01 chs. to a point from which the flag brs.N.52°W. Distance
                across is given from the following:

sin. 43° 17° x 13.01 = 14.49 chs., which sin. 38°
                                                                                                            Sec. 26
                added to 3.31 chs.
                ag point on spur ridge, brs.NE. Leave flag here for triangulation across Gila River. From a point on right bank of Gila River, west of flag, I measure a base line, north 8.00 chs. to a point from which the flag brs. S. 39° 36 E. The dist.on random line from
17.80
           Flag point on spur ridge,
                flag point on spur ridge, on left bank to my triangu-
lation point on right bank of Gila River is therefore,
tan2n39° 36' x 8.00 = 6.62 chs., which added to 17.80
                chs.
24.42
           Triangulation point on right bank of Gila River.
                by chain measurement,
40.00
           Set temp. sec.cor.
           Point on sand bar, on right bank of Gila River. Triangue late the dist. on random line across river, as follows:

From 58.93 ch. station, I measure a base line N.58°44'W.,

3.00 chs. to a point from which a flag set on random line on the left bank of the Gila River brs.S.17°47'W.
58.93
           The distance across is found from the following:

\frac{510.76^{\circ} 31^{\circ} \times 3.00}{3.00} = 3.06 \text{ chs.}
                                                                                                             Sec. 35
                                                                     = 3.06 chs., which
                                      sin.72° 13
                added to 58.93 chs.
           Flag point on left bank of Gila River. Thence by chain
61.99
                measurement,
           Intersect N. and S. line, 5 lks. N. of the cor. of secs. 26,27, 34 and 35, hereinbefore described.
80.05
           Thence I run, N. 89°58 E.
                                on a true line, bet. secs.26 and 35.
           Through scattering undergrowth.
           Spur ridge, brs. NE. Descend SE. slope, 195 ft.
 1.30
 8.05
           Gulch, course NE. Ascend NW slope.
           Spur ridge, brs.NE. Descend NE' slope, 190 ft.
11.00
18.00
           Left bank of Gila River.
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Trail, brs. NW and SE.

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Partial Subdivision of Township 5 South, Range 29 East.
Chains
18.30 Gila River, 250 Rks.wide, 3 ft. deep, course NW. 21.00 Righte bank of Gila River; ascend SW. slope, 30 ft.
21.00
           Leave river bottom; thence along rocky broken south
25.00
                 slope.
40.025 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, 1913 on S.rim, $\frac{1}{4}$ S 26 in N., and
                                     S 35 in S.half; from which,
            A cottonwood, 14 ins. in diam., brs.S.41°E.,206 lks.dist., marked $\frac{1}{4}$ S 35 B T.

No other trees within limits; raise a mound of stone 2 ft.
            base, 1\frac{1}{2} ft. high, north of cor. Pits impracticable. Mexican cahin, brs.S. 7°W., about 10 chs.dist. Enter river bettom, brs.NE° and SW.
 45.00
45.75
52.25
            Trail, brs. NE and SW.
           Dry channel of river, course SW.
Right, bank of Gila River, 1 ch. wide, 4 ft.deep, muddy
 56.00
            water, course SW.
Left bank of Gila River; ascend.
 57.00
62.20
            Spur ridge, brs. NE. Descend into deep box canyon.
           (Approx.) Gulch, course N. in bottom of canyon; ascend.
Ridge, brs.N.and S. Descend E. slope, 45 ft.to
THe cor.of secs.25,26, 35 and 36.
Land, level, relling, hilly and mountainous.
Soil, rocky, 4th rate on slopes; 2nd rate along river.
No timber ascent cottonwood and mountainous.
 65.00
 76.80
 80.05
             Ne timber, except cottonwood and mesquite along river.
            Undergrowth, scattering mesquite and catelaw. Mountainous land, 60 chs.
                                                                    Jan. 16, 1914.
             Jan. 19, 1914. At 8h. 7m. a.m., l.m.t., I set off 32°57½'
N. on the lat.arc; 20°23'S. on the decl.arc; and de-
                  termine a meridian with the solar, at the cor. of secs.
             25,26, 35 and 36, hereinbefore described. Thence I run,
             East, on a true line, bet. secs.25 and 36.
             Through scattering undergrowth. Descend east slope, 80
                  ft,to
             Gulch, course NE. Ascend NW. slope, 40 ft.to
Spur ridge, brs.N. Descend E. slope, 40 ft.to
Gulch, course N. Ascend NW. slope, 90 ft.to
  4.75
9.00
 11.50
             Ridge, brs.NE° and SW. Descend E. slope, 100 ft.to
 19.00
 24.20
             Gulch, course NE.; ascend.
             Spur ridge, brs.N.; descend.
 28.00
             Gulch, course N. Ascend west slope, 85 ft.to
Ridge, brs.NE. and SE. Descend E. slope, 50 ft.
 32.00
 35.75
40.00
             Set an iron post 3 ft.leng, 1 in. in diam., 26 ins. in the ground, for ‡ sec.cor., marked on brass cap, 1913 on S rim, ‡ S 25 on N., and S 36 in S.half;
                and raise a mound of stone, 2 ft.base, laft.high, N. of
             cor. Pits-impracticable.
Gulch, course NE. Ascend NW slope, 80 ft.to
Spur ridge, brs.N.; descend.
  40.75
 49.00
             Head of draw, course NW.; ascend.
Ridge, brs.NE and SW. Descend E slope, 75 ft.to
Gulch, course N. Ascend W. slope, 60 ft.to
  51.00
 53.00
62.00
             Ridge, brs. N. and S. Descend E. slope, 50 ft. to
  69.00
             Box eanyon, course N. Ascend SW. slope, 70 ft.to
 73.80
79.00
89.00
             Thence along level mesa.
Descend east slope of canyon, 100 ft.to
             Canyon, course NE. Ascend NW. slope, 75 ft.to
Spur rige, brs. N. Descend E. slope, 65 ft.to
  91.60
101.00
             Gulch, course N. Ascend SW. slope, 35 ft.to
105.00
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Partial Subdivision of Township 5 South, Range 29 East.
Chains.
 109.00 Spur ridge, brs.N. Descend slight NE. slope, 20 ft.
 111:05 TraillbrsN.and S.
 115.06 Gulch, course NW. Point for closing cor. of sees.25 and
                      36, from which point the original cor. of secs. 25,30,
                     31 and 36, on east bdy.of Tp. (5th.Guide Meridian East) which is a stone, 12x8x2 ins. above ground, marked and witnessed as described by the Surveyor
                     General, brs. N. 7.90 chs.dist. Change old cor.to re-
                     fer to secs.30 and 31 of T.5 S., R.30 E.only.
                     west to
114.20
               And set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for witness cor. to closing cor. of secs.
                     25 and 36, marked on brass cap,
                                          1913 on S.rim,
                                          WCCCE of center,
T5 S in N.half;
                                          S 30, S 31, R 30 E in E.half;
                                          S 25in NW., and
S 36 R 29 E in SW. quadrant;
                   and raise a mound of stone 2 ft.base, 12 ft. high, W. of
                  corner. Pits impracticable.
             Land, mountainous and hilly.
              Soil, rocky, 4th rate.
             No timber.
             Undergrowth, greasewood, mesquite, and catclaw. Mountainous land, 74 chs.
             From the cor. of secs. 25.26, 35 and 36, I run, N.0° 3'E., bet. secs. 25 and 26.

Descend NE. slope, 275 ft., through dense undergrowth.

Trail, brs. NW and SE.

Cabin, brs. N: 43° W.
 3.00
7.44
             Water wheel, brs.N.39°W.
Cabin north of river, brs.N.15½°W.
Water wheel brs.N.27‡° E.
13.00
             Descend in draw, course N.
             Wire fence, brs.E. and W.
Enter Gila River bottom, brs.E. and W.
Wire fence brs. E. and W. Leave flag on line at this point for triangulation across Gila River.
14.60
16.00
17.87
18.64
             Wagon road, brs. E. and W.
             Wagon road, brs. E. and W.

Left edge of water in Gila River, course W., about 3 ft. deep. Obtain width of stream by triangulation, as follows: From a point on line on right side of river, I measure a base line, N.79° 53 W.,3.28 chs. to a point from which the flag on line at wire fence at 17.87 chs. station, brs.S.39°27 E.; therefore, the distance on sec. line is found from the following:

sin.40° 26' x 3.28 = 3.33 chs. which added
19.55
                                  sin.39°30'
            to 17.87 chs. = 21.20 chs. Triangulation point.

From the west end of measured base line, a Mexican cabin brs.$.52°W., and from the same point,

Water wheel on rightside of river, in sec.25, brs.E.

From the triangulation point on sec.line at 21.20 chs. station, I return on sec.line, S.0°3'W.,40 lks.to

Right edge of water in Gila River. Therefore, the width of water is 20.80-19.55-1.25 chs.
20.80
                     of water is 20.80- 19.55= 1.25 chs.
             Thence I run,
N.003 E., continuing measurement from the cor. of secs.
25, 26, 35 and 36.
Enter cultivated land.
21.00
23.85
              Irrigation ditch, course NW.
24.00
             Footof bluff, brs.NW and SE.
25.39
32.04
             Top of bluff.
                                         Ascend SW slope, 90 ft.
             Cabin brs.S.302 W.
           Cabin brs. S.53°W.
Cabin brs. S.54°W.
Water wheel brs.S.81°W.
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Partial Subdivision of Township 5 South, Range 29 East.
Chains
            Spur ridge, brs.NW. Descend N. slope, 80 ft.to
Trail, brs. E. and W. Thence along broken west slope...
Point for # sec.cor. falls on precipice, where it cannot be
33.00
34.40
40.00
                   established.
             Set an iron post, 3 ft.ling, 1 in. in diam., 26 ins. in the ground, for witness cor. to 2 sec.cor., marked on
41.00
                   brass cap,
                                          1913 on S'rim, W C2 in N.half;
                                          S 25 in SE, and
S 26 in SW. quadrant;
                   and raise a mound of stone, 2ft. base, 12 ft. high,
                   west of corner. Pits impracticable.
              Along broken west slope.
                                                  Ascend broken SE. slope, 80 ft.to
             Gulch, course SW.
52.00
              Gulch, course SW. Continue to ascend SE slope, 70 ft.to Spur ridge, brs.SE. Descend NE slope, 65 ft.to
58.00
 62.00
              Gulch, course SE. Ascend SW. slope, 175 ft. Ascend on ridge, brs.N. and S.
 66.50
 68.00
             Set an iron post, 3 ft.leng, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 23,24,25 and 26, marked
80.00
                   the ground, ...
on brass cap,

1913 on S.rim,

T 5 S R 29 E in N.half;

S 23 in NW.,

S 24 in NE.,

S 25 in SE., and

S 26 in SW. quadrant;

mound of stone 2 ft.bas
                      and raise a mound of stone 2 ft.base, 1\frac{1}{2} ft. high, W
                                            Pits impracticable.
                      of corner.
              Land, mountainous and hilly.
              Soil, 1st rate on river; rest of mile, rocky, 4th rate.
              Timber, cottonwood on river.
              Undergrowth, dense greasewood, mesquite, catclaw, and cacti. Mountainous land, 65 chs.
              Note: The sky was overcast at noon, making an observa-
tion for alateimpossible.
                                                                                           Jan. 19,1914.
              Jan. 23, 1914:

S.89° 58' W., on a random line, bet. secs.23 and 26.

Set temp. 2 sec.cor.

Intersect N. and S. lime, at the cor. of secs.22,23,26 and
 40.00
 79.90
              27, hereinbefore described.

Thence I run;
N. 89° 58' E., on a brue-line; bet. secs. 23 and 26.

Assund N. 82° 56' Db.
              Through dense undergrowth. Ascend NW. slope, 50 ft. Trail, brs.NE and SW.
   0.80
              Ridge, brs. N. and S. Descend east slope, 90 ft.to
   4.25
              Gulch, course S. Thence along broken S. slope, to Gulch, course SW. Ascend NW. slope, 55 ft.to Ridge, brs.NE. and SW. Descend SE. slope, 40 ft.to
   8.10
 13.70
18.60
              Riuge, prs.NE. and SW. Descend SE. slope, 40 ft.to Gulch, course SW. Ascend broken SW. slope, 270 ft. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 2 sec.or., marked on brass cap, 1913 on S'rim, 2 S25-in.N., and S 26 in S. half; and raise a mound of stone 2 ft.base, 12 ft. high, N. of corner. Pits impracticable.
  22.75
  39.95
               of corner. Pits impracticable.
Ridge, brs.NW and SE. Thence along N. slope, to
Head of gulch, course NW. Ascend NW slope, 60 ft.to
Ridge, brs. NE. and SW. Descend SE. slope, 40 ft.
Telephone line (in course of constrution) brs.NE and SW.
  42.50
47.90
51.85
  52.00
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Proving 9772
     Parial Subdivision of Township 5 South, Range 29 East.
  Chains.
  53.00
60.60
              House brs.S'3°W., about 40 chs.dist.
Ridge, brs. N. and S. Descend NE. slope, 145 ft.to
  72.00
              Gulch, course S. Ascend SW. slope, 90 ft.to
  79•90
              The cor. of secs. 23,24, 25 and 26.
              Note: At this cor. Jan. 23, 1914, I set off 19° 29'S. on the decl. are; and at apparent noon, I observe the sun
                    on the meridian; the resulting latis 32° 582'N.
              Land, hilly and mountainous.
              Soil, rocky, 4th rate.
              No timber .
              Undergrowth, dense greasewood, catclaw, mesquite and cacti. Mountainous land, 60 chs.
                                                                                             Jan. 23, 1914.
              Jan. 24, 1914:
              East, on a true line, bet. secs.24 and 25.
              Through dense undergrowth; descend east slope, 70 ft.to Gulch, curse SE. Ascend W. slope, 15 ft.to Spur brs.S. Dascend SE.slope, 45 ft.to
    4.75
  7.00
9.75
12.50
              Gulch, course SW. Ascend west slope, 45 ft.to
             Ridge, brs.N.and S. Trail, brs.N.and S. on ridge.
Descend east slope, 45 ft.to
Gulch, course SE. Thence along south slope.
Ridge, brs.NW and SE. Descend east slope, 60 ft.to
Gulch, course SE. Thence along south slope.
  18.00
  24.00
  28.00
  33.50
38.00
              Guleh, course S. Ascend SW. slope, 15 ft.to
             Ridge, brs.N.and S. Descend SE slope, 40 ft.

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

1913 on S.rim,

4 S 24 in N., and
  40.00
                                        S 25 in S.half;
                   and raise a mound of stone 2 ft.base, 1\frac{1}{2} ft. high, N.
                   of cor.
                                    Pits impracticable.
  40.75
              Spur ridge brs.S.
  42.00
              Ridge, brs. NW and SE. Descend east slope, 75 ft.to
  48.00
                                             Thence along slight south slope.
              Gulch, course SE.
              Trail, brs. NE and SW.
  50•75
  53.00
54.10
              Low ridge, brs: NW and SE. Descend gradually.
              Wagon road, brs.N and S.
 57.00
59.00
62.00
                                              Ascend SW. slope, 15 ft.to
              Gulch, course SE.
             Ridge, brs.SE and NW. The Ascend NW slope, 15 ft.to
                                                         Thence along N. slope.
             Thence along ridge, brs.E. and W. Descend NE slope, 40 ft.to Gulch, course S. Ascend W. slope, 20 ft.to
 63.00
  79:00
             Ridge, brs. N. and S. Descend east slpe, 20 ft. to
Gulch, course S. Trail in gutch, brs. N. and S.
Ascend W. slope, 30 ft. to
Spur ridge, brs. S. Descend.
Gulch, course. SW. Ascend W. slope, 70 ft. to
Ridge, brs. NE and SW. Descend SE. slope, 25 ft. to
  81.50
84.00
  85.50
 87.00
92.00
  94.00
             Gulch, course SW. Ridge, brs. N. and S.
                                                Ascand W.
                                                                   slope, 90 ft.to
100.00
             Old road brs. N. and S. on ridge. Descend E. slope, 30 ft. to Gulch, course S. Ascend SW. slope, 15 ftto
105.50
             Ridge, brs. N'and S. Descend E. slope, 15 ft.to
Gulch, course.S. Thence over rolling land.
Ridge, brs. NW and SE. Descend NE' slope, 30 ft.to
Intersect the east bdy. of Tp. (5th. Guide Meridian East)
8.01 chs. south of the original cor. of secs. 19,24,25
and 30, which is a boulder, 12x8x6 ins. above ground,
107.00
109.25
112200
115.27
                    marked and witnessed as described by the Surveyor
                                     I alter this old cor. to erefer to secs. 19
                    General.
             and 30 of T5 S., R. 30 E. only, by building the mound of stone on the east. At point of intersection, I Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
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the ground, for closing cor. of secs. 24 and 25, marked

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Partial Subdivision of Township 5 South Range 29 East.
Chains.
              on brass cap;
                                    1913 on Serim,
                                    C C E. of center,
                T 5 S in N.,
S 19, S 30, R 30 E in E.half;
S 24 in NW, and
S 25, R 29 E in SW-quadrant;
and raise a mound of stone 2 ft.base, 12 ft. high, W?of
                cor. Pits impracticable.
           Land, mountainous and hilly.
Soil, very rocky, 4th rate,
            No timber.
           Undergrowth, dense greasewood, catclaw, mesquite and cacti.
Mountainous land, 51 chs.
                                                                          Jan. 24, 1914.
           Jan. 26, 1914: At 7h. 55m; a.m., l.m.t., I set off 32° 58½ N. on the latearc; 18°46½ S. on the decleare; and
           determine a meridian with the solar at the cor. of secs. 23,24, 25 and 26, hereinbefore described.

Thence I run,

N.0°3 E., bet. secs.23 and 24.
            Through very scattering undergrowth. On ridge, brs. N.
           and S.; ascend 85 ft.to
Ridge, brs.NW and SE. Thence along broken east slope.
Telephone line (in course of construction), brs.E. and W.
14.00
14.45
14.55
            Wagon road, brs. E. and W.
            Wagon road brs. E. and W.
            Descend NE' slope, 55 ft.to
Gulch, course E. Ascend S. slope, 70 ft.to
Ridge, brs.E. and W.
Ridge, brs. E'and W.
 20.00
23.75
27.70
37.50
40.00
            Ridge, brs.NE° and SW. Set an iron post 3 ft.leng, 1 in. in diam., 26 ins. in the ground, for 4 sec.cor., marked
                 on brass cap,
                                     1913 on S'rim,

1 S 23 in W., and
                                     $ 24 in E.half;
                 and raise a mound of stone, 2 ft. base, 12 ft. high, w
                 of corner. Pits impracticable.
            Descend NW. slope, 265 ft.to
            Gulch, course SW. Ascend SE. slope, to.
 45.00
            Gulch, course SE. Ascend SE. slope, to
 51.00
68.00
            Ridge, brs. NE. and SW. Descend NW. slope, 140 ft.to
            Spur ridge, brs. NW. and SE. Descend N. slope, to Gulch, course NE. Thence along east slope, to Set an iron past, 3 ft.lang, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked
 72.25
 77.65
                   on brass cap,

1913 on S'rim,

T 5 S R 29 E in N.half;

S 14 in NW.,
                                     5 13 in NE.,

524 in SE., and

S 23 in SW quadrant;
                  and raise a mound of stone, 2 ft. base, 12 ft. high, W.
                  of cor. Pits impracticable.
             Note: At this core, Jan. 26, 1914, I set of 18°45½'S. on the declearc, and at apparent noon, I observe the sun on the meridian; the resulting laters 32° 59'N.
            Land, rolling and hilly.
Soil, rocky, 4th rate.
            Soil, rocky,
           Timber, very scattering cedar.
             Undergrowth, dense greasewood, catclaw and cacti.
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Pantial Subdivision of Township 5 South, Range 29 East
 Chains
            S. 89° 58'W., on a random line, bet. secs14 and 23. Set temp. sec.cor. Intersect N. and S. line, 2 lks. N. of the cor. of secs. 14,15,
 40.00
 80.00
                  22 and 23, hereinbefore described.
             Thence I run, N.89°57 E., on a true line, bet. secs. 14 and 23.
             Through dense undergrowth; descend NE. slope, 50 ft.to
             Gulch, course NW. Ascend NW. slope, 75 ft.to
  2.00
            Spur ridge, brs.N. Descend NW slope, 200 ft.to
Canyon, course NE. Ascend NW slope, 200 ft.to
Spur ridge, brs.N. Descend NE slope, 200 ft.to
Canyon, course N. Ascend NW slope, 200 ft.to
Spur ridge, brs.N. Descend NE slope, 55 ft.to
Culch, course N. Ascend NW slope, 25 ft.to
Spur ridge brs.N. Descend eastelone 55 ft.to
  8.15
13.00
16.74
20.20
 24.25
27.75
30.00
             Spur ridge, brs. N. Descend eastslope, 55 ft.to
 32.00
             Gulch, course NE. Ascend NW. slope, 115 ft.to
            Spur ridge, brs.N.; descend.
Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 4 sec.cor., marked on brass cap,
 38.00
40.00
                                       1913 on Serim, 
$ S 14 in N., and
                  \tilde{S} 23 in S.half; and raise a mound of sone 2 ft. base, l^{\frac{1}{2}} ft. high, N.
                  of cor. Pits impracticable.
            Descend slight NE. slope.
41.50
            Gulch, course N.
                                          Ascend NW. slope, 60 ft.to
            Spur ridge, brs.N. Descend NE slope, 65 ft.to
45.00
51.00
            Gulch, course N. Ascend W. slope, 110 ftto
            Spur ridge, brs.NW. Descend NE slope, 50 ft.to
57.00
62.50
68.90
            Gulch, course NW. Ascend SW. slope, 150 ft.to
                                                Ascend NW. slope, 30 ftto
Descend NE slope, 10 ft.to
            Spur ridge, brs.NW.
75.00
76.00
            Spur ridge, brs.NE.
            Gulch, course NE. Ascend.
Trail, brs.NE and SW. Ascend NW slope, 30 ft.to
Spur ridge, brs.NE. Descend SE. slope, 40 ft.to
The cor. of secs. 13, 14, 23 and 24.
77.10
77.65
80.00
            Land, hilly and mountainous.
            Soil, very rocky, 4th rate.
            No timber.
            Undergrowth, dense greasewood, catclaw, mesquite, and
                   cacti.
            Mountainous land, 70 chs.
            East, on a true line, bet. secs.13 and 24.
Through dense undergrowth. Descend NE.slope, 35 ft.to Gulch, course N. Ascend NW. slope, 80 ft.to Ridge, brs.NE and SW. Descend SE slope, 145 ft.to
  1.75
18.00
            Gulch, course NE. Ascend NW. slope, 30 ft.to
            Ridge, brs. NE. and SW. Descend NE. slope, 105 ft. to
23.50
            Gulch, course SE. Ascend SW. slope, to
Spur ridge, brs.S. Thence along broken S. slope, to
Gulch, course S. Ascend W. slope.
33.00
34.00
38.60
            Trail, brs. N. and S. Ascend SW. slope.

Set an iron post 3 ft.leng, 1 in. in diam., 26 ins. in the ground, for \(\frac{1}{2}\) sec.cor., marked on brass cap,

\[
\begin{array}{c}
1913 \text{ on S. rim,} \\
\frac{1}{2}\) S 13 in N., and
38,75
40.00
               S 24 in S-half; and raise a mound of stone 2 ft. base, 1\frac{1}{2} ft. high, N.
            of cor. Pits impracticable.

Ascend SW. slope, 15 ft.to

Ridge, brs.NW and SE. Descend NE. slope, 55 ft.to

Gulch, course SE. Ascend SW. slope, 25 ft.to
42.50
48.00
49.40
52.50
56.50
            Telephone line brsk NW. and SE. Descend NE. slope, 65 ft. to
            Gulch, course S. Ascend SW. slope, to
Ridge, brs. NW. and SE. Descend NE slope, to
Gulch, course SE. Ascend SW. slope, 40 ft.
64.19
            Morenci Southern R.R. brs.N.54毫W. and S.54毫E.
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Partial Subdivision of Township 5 South, Range 29 East.
 Chains
              Ridge, brs.NE° and SW. Descend SE slope, 15 ft. Wagon road, brs.NE° and SW.
 66.00
 66.55
67.10
69.00
              Morenci Southern Telephone line, brs. NW and SE. Gulch, course.S. Ascend SW slope, 44 ft.te
              Gulch, course.S.
              Ridge, brs.NW and SE.
 73•55
               Old road on ridge, brs. NW. and SE.
              Descend NE. slope, 60 ft.to
Gulch, course SE. Ascend SW slope, 35 ft.to
 79•75
84•00
              Ridge, brs. NW. and SE. Descend NE. slope, 25 ft.to
              Gulch, course SE. Ascend SW. slope, 65 ft.to
Ridge, brs N.and S. Descend E. slope, 60 ft.to
Gulch, course S. Ascend SW. slope, 60 ft.to
Ridge, brs.NW. and SE. Descend NE slope, 55 ft.to.
Gulch, course S. Ascend W. slope, 35 ft.to
Intersect eastbdy.of Tp. (5th.Guide Meridian East) 8.01
 87.00
94.00
 99.00
105.00
110.00
115522
                  chains Soof the original cor. of secs. 13,18,19 and 24, which is a wash boulder, 8x8x5 ins. above ground, marked and witnessed as described by the Surveyor General. Change cor. t refer to secs. 18 and 19, T.5 S.,
                    R.30 E., only.
              At point of intersection, set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in he ground, for closing cor. of secs.13 and 24, marked on brass cap,
                                           1913 on Sorim,
C C E of center,
T 5 S in N.half;
                                               18, S 19, R 30 E in E-half;
                                           S 13 in NW, and
S 24 R 29 E in SW. quadrant;
                    and raise a mound of stone 2 ft.base, 1 high, west of
                    corner.
               Pits impracticable.
               Land, rolling and hilly. Soil, very rocky, 4th rate.
               No timber.
               Undergrowth, dense greasewood, mesquite, catclaw, and
                      cacti.
              From the cor. of secs. 13,14,23 and 24, I run,
N.0°3°E., bet. secs.13 and 14.
Through dense undergrowth. Descend NE. slope, 45 ft.to
   4.00
               Thence along eastslope.
              Spur ridge, brs. NE. Trail, brs.NE and SW. on ridge. Descend NW slope, 110 ft. to
Gulch, course NE. Ascend SE slope, to
   8.00
 16.00
               Spur ridge, brs. NE. Descend N. slope, 30 ftto
 18.00
              Gulch, course NW. Ascend SW. slope, 55 ft.to
Ridge, brs. NW. and SE. Descend NE slope, 55 ftto
 21.00
 26.00
             Gulch, course NW. Ascend SW. slope, 55 ft.to Ridge, brs. NW. and SE.
  31.60
 40.00
             set an iron post, 3 ft.long, 1 in. indiam., 26 ins. in the ground, for \frac{1}{2} sec.cor., marked on brass cap,
                                           1913 on Serim,
                                                                     and
                                           S 13 in E.half;
                    and raise a mound of stone, 2 ftbase, 1\frac{1}{2} ft. high, w.
              of core Pits impracticable.

Descend NE slope, 175 ft.to

Gulch, course NW. Thence along west slope.

Spur ridge, brs.NW. Descend NE slope, 110 ftto
Gulch, course NW. Ascend SW. slope, to

Spur ridge, brs.NW. Descend N. slope, to

Gulch curse W. Ascend S. slope, 130 ft.to
  52.00
 60.00
  68.00
              Gulch, curse W. Ascend S. slope, 130 ft.to
Ridge, brs.E.and W. Descend NW slope, 45 ft.to
Gulch, course NW. Ascend SW. slope, to
 69.50
74.15
 77.00
78.00
              Spur ridge, brs. NW. Descend N. slope to
               Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11,12,13 and 14, marked
 80.00
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Subdivision of Township 5 South, Range 29 East.
Chains.
                     on brass cap,

1913 on S.rim,

T5 S R 29 E in N.half;

in NW.,
                                               S 12 in NE.,
                                               S 13 in SE., and
S 14 in SW. quadrant;
                     and raise a mound of stone 2 ft.base, la ft. high, W. of
                     corner. Pits impracticable.
               Land, rolling, hilly and mountainous. Soil, very rocky, 4th rate.
               No timber.
               Undergrowth, dense mesquite, greasewood, catclaw and cacti. Mountainous land, 50 chs.
                                                                                    Jan. 26, 1914.
              Jan. 27, 1914.
S.89°57 W., on a random line, bet. secs.ll and 14.
Left bank of San Francisco River. Leave flag on line at
                                                                                                                                               Sec. 11
                     this point for triangulation across river. From a
                     point on line on rightbank of river, I measure a line
                     nobth, 3.00 chs. to a pointfrom which he flag on left bank brs. S.41°36'E. The distance acress is given by: tan. 41° 36' x 3.00 = 2.66 chs., which added to
                   by: tan. 16.51 chs.
                                                                                                                                               Sec. 14
19.17
               Triangulation point. Thence by chain measurement,
40.00
               Set temp. 4 sec. cor.
44.03
               Trail, brs. N. and S. on spur ridge, brs. S.
                                                                                                            Line from
                     this point passes over a box canyon, over which I cannot chain; therefore, I take stadia measurement to rod
                     on line on ridge on west side of canyon. Rod reading (mean of three) 2.444 ft. Ratio, 1 ft. 2 chs. Focal constant, 1.025 ft. Angle of depression - 3°45'. The dist. on random line to rod istherefore, 2.444 x 2 x .9956 plus .016 = 4.88 chs., which added to 44.03 chs.
48.91
              Rod point on spur ridge brs.S.
                     point on spur ridge brs.S. From this point, line passes over two V-shaped canyons, which cross the line
                     from the north and norhwest. As chaining across these canyons is impossible, I take stadia measurement
                    to rod at this point from instrument set at a point on
              random line on spur ridge, brs. S. on W. side of these canyons. Rod reading (meam of three) 7.209 ft. Ratio, 1 ft. = 2 chs. Focal constant, 1.025 ft. Angle of depression - 9°20'. The dist. from rod to instrument is therefore, 7.209 x 2 x .9737 plus .016 = 14.05 chs., which added to 48.91 chs. =

Instrument point. Thence by chain measurement

From this point the random line passes over deep box canyon, course S2, over which I cannot chain; therefore
62.92
72.68
                     canyon, course S2, over which I cannot chain; therefore,
             I take stadia measurement to rod on random line on west side of canyon, at a point 5 lks.S. of the cor. of secs. 10,11,14 and 15. Rod reading, (mean of three) 3.784 ft. Ratio, 1 ft.= 2 chs. Focal constant, 1.025 ft. Level. The dist. on random line to rod is therefore, 3.784 x 2 plus .016 = 7.58 chs., which added to 72.68 chs.=

Rod point and end of random line, S.89°57 W. bet. secs.ll and 14. This point being 5 lks.S. of the cor. of secs. 10,11,14 and 15, the true course of line bet. secs.ll and 14 is therefore, N.89°59 E., and the true length, 80.26 chs.
                     I take stadia measurementto rod on random line on west
80.26
                     80.26 chs.
              Therefore, from the cor. of secs. 10,11,14 and 15, I run, N.89° 59 E., on a true line, bet. secs. 11 and 14. Descend
               steep rough E. slope, into deep box canyon.
(Approx.) bottom of canyon, course S. Ascend steep rough
  5.00
                     west slope, int
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Pantial Subdivision of Township 5 South Range 29 East.
Chains.
7.58
17.34
21.25
           East side of canyon. Ascend SW. slope, 160 ft.to
Spur ridge, brs.S. Descend steep east slope, into canyon.
            (Approx.) bottom V-shaped canyon, course SSE. Ascend ab-
                  ruptly.
23.00
24.25
             (Approx.) narrow spur, brs.S. Descend abruptly.
            (Approximat ) bottom of V-shaped canyon, course S. Ascend
                  abruptly.
            Spur ridge, brs.S. Descend steep east slope, to (Approx.) bottom of box canyon, course S. Ascend SW. slope,
31.35
33.25
                  30 ft.to
            Spur ridge, brs.S. Descend SE slope, 70 ft.
Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for ‡ sec.cor., marked on brass cap,
36.50
40.13
                                     1913 on S.rim,

$ S 11 in N., and
                  S 14 in S.half; and raise a mound of stone 2 ft.base, 1\frac{1}{2} ft. high, N.
                  of cor. Pits impracticable.
           Gulch, course S. Ascend SE. slope, 35 ft.to
Spur ridge, brs.S. Descend SE. slope, 190 ft.
Top of bluff; continue to descend SE. slope.
46.00
47.00
56.70
           Ditch, at foot of bluff, course S. 20°W. Enter San Fran-
57.25
                 cisco River bottom.
            Wagon road brs. N. and S.
58.25
61.09
           Right, bank of San Francisco River, running water, 1 ch.
           wide, 2 ft deep, course SW.

Left bank of river. Ascend NW. slope, 110 ft.

Bluff, brs. NE and SW. Ascend W. slope to

Spur brs.SW. Descend SEL slope, to
63.75
65.25
72.00
            Gultch, course SW.; ascend.
75.00
80.26
           The cor. of .secs.11,12,13 and 14.
            Land, mountainous. Soil, rocky, 4th rate.
            No timber.
            Undergrowth, dense greasewood, catclaw, mesquite and cacti-
Mountainous land, 78.00 chs.
                                                                   Jan. 27, 1914.
            Jan. 28, 1914 At 9h. 55m. a.m., 1.m.t., I set off 33° 00'N. on the lat.arc; 18°16'S. on the decl.arc; and
                  determine a meridian with the solar at the cor. of
                  secs. 11,12,13 and 14, hereinbefore described.
            Thence I run,
           East, on a true line, bet. secs.12 and 13.
Through scattering timber and dense undergrowth. Ascend
                NW. slope, 160 ft.to
           Spur ridge, brs. NW. Descend NE slope, 110 ft. to Gulch, course NW. Ascend SW. slope, 100 ft. to Spur ridge, brs. NW. Descend NE slope, 25 ft. to West bank of Morenci Southern R.R. cut, brs. NE and SW.
  9.00
19.50
30.00
30.90
31.65
36.00
           East bank of cut.
           Ascend in gulch, course W., 60 ft.to
Telephone line, brs.NE° and SW. Leave gulch; ascend SW.
slope, 50 ft.
Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for 4 sec.cor., marked on brass cap,
39.00
40.00
                                    1913 on S'rim,

$ 12 in N., and

$ 13 in S half;
                and raise a mound of stone, 2 ft. base, l\frac{1}{2} ft. high, north of cor. Pits impracticable.
           Spur ridge, brs. NW. Descend NE slope, 60 ft. to Spur ridge, brs. N. Descend E slope, 75 ft. to Gulch, course NW. Ascend W slope, 75 ft. to
49.00
53.00
56.00
            Spur ridge, brs.N.
60.00
            Wagon road on ridge, brs. N. and S. Descend NE' slope, 90
            Gulch, course N. Ascend NW slope, 85 ft.
U.S.L.M.No.2, which is a post. 4 ins. square, 5 fts.above
65.00
69.88
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Subdivision of Township 5 South, Range 29 East.
                                                                                                                              37.
  <u>Partial</u>
 Chains
                        ground, marked C M 4 on S., and /face
U S L M No.2 on Nabra.N.13°18'E.
Green house brs.N.41°40'E.
                                                      Morencia Southern bridge across river
                                                            brs.N.51°E.
                Spur ridge, brs.NW. Descend NE' slope, 70 ft.to Gulch, course NW. Ascend SW. slope, 75 ft.to
  70.00
74.80
               Spur ridge, brs. NW. Descend NE' slope, 30 ft.to Gulch, course NW. Ascend SW. slope, 65 ft.to Spur ridge, brs. NW. Descend NE' slope, 40 ft.to Gulch, course N. Ascend NW' slope, 60 ft. From this point, U.S.L.M. No.2 brs. N.23°3 W. Green house brs. N. 2°E.
  78.70
  84.00
 87.00
90.50
93.66
               Railroad bridge, brs.N.5°E.
                Spur ridge, brs.N. Descend NE slope, 125 ft.to Gulch, course.N. Ascend NW slope, 25 ft.to
  94.00
102.00
108.50
113.40
115.21
               Spur ridge, brs.N. Descend NW. slope, 60 ft.to
Gulch, course NW. Ascend SW. slope, 20 ft.to
Intersect the East bdy.of the Tp. (5th.Guide Mer.E.) 8.06
                       chs. south of the original cor. of secs7,12,13 and 18, which is a wash boulder 6 x 8 x 8 ins. above ground,
               marked and witnessed, as described by the Surveyor General. Change this old cor. to refer to secs.7 and 18 of T.5 S., R.30 E. only.

At the point of intersection, I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing corner of secs.12 and 13, marked on brass cap, 1913 on S.rim,
                                              C C E of center,
                                              T 5 S in N.half;
                     S 7, S 18, R 30 E in E-half;
S 12 in NW., and
S 13, R 29 E in S W, quadrant;
and raise a mound of stone, 2 ft.base, 1 ft. high, W.
                      of cor. Pits impracticable.
                      e: At this corner, Jan. 28, 1914, I set off 18°142'S. on the decl. arc, and at apparent noon, I observe the sun on the meridian; the resulting lates 33°00'N.
               Land, rolling, hilly and mountainous. Soil, rocky, 4th rate.
                Timber, very scattering cedar.
               Undergrowth, dense greasewood, catclaw and mesquite. Mountainous land, 74 chs.
               From the cor. of secs. 11,12,13 and 14, I run, N.0°3 E., bet. secs. 11 and 12.
               Descend broken NW. slope. Through dense undergrowth.
               Gulch, course W. Thence along west slope, to
   4.00
               Gulch, course W. Ascenthence over level land.
 12.00
                                                   Ascend slight SW. slope, 25 ft.to
 14.00
               Gulch, course W.; ascend.

Spur ridge, brs. W. Descend NW. slope, 15 ft.to

Trail, brs. NE and SW. Descend N. slope, 130 ft.to
 24.00
 29.00
 34.00
  38.75
               Gulch, course W. Ascend SW. slope, to
               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,
 40.00
                                              1913 on S.rim, 
\frac{1}{4} S ll in W.,
                                                                          and
                                              S 12 in E.half;
                     and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high, w. of cor. Pits impracticable.
               Foot of cliff, 20 ft.high, brs.NW and SE. Rocky spur ridge, brs.NW. Deseend.
               Rocky spur ridge, brs. NW. Descend. Wagon road, brs. NE. and SW. San Francisco River, 80 lks.wide, 3 ft. deep, course SW. Ascend perpendicular bluff on north side of river.
 40.55
  44.00
               Top of bluff. Ascend south slope, 157 ft.to
Ridge, brs.NW and SE. Descend NE slope, 50 ft.to
Head of gulch, course SE. Ascend S. slope, 70 ft.to
 46.00
 61.75
69.50
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38. Partial Subdivision of Township 5 South Range 29 East.
Chains.
            Ridge, brs. E. and W. Descend N. slope, 65 ft. to
75.30
78.00
80.00
           Guich, course NE. Ascend SE. slope, 10 ft.to
Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for top-of-secs.1,2,11 and 12, marked on
                 brass cap, 1913 on S.rim,
T 5 S R 29 E in N.half;
S 2 in NW.,
                                      S 1 in NE.,
S 12 in SE., and
                                       S 11 in SW. quadrant;
                 and raise a mound of stone, 2 ft. base, 1 ft. high, W.
                 of corner. Pits impracticable.
            Land, rolling, hilly and mountainous. Soil, rocky, 4th rate.
            No timber.
            Undergrowth, greasewood, mesquite, cacti and catclaw. Meuntainous land, 32 chs.
                                                                        Jan. 28, 1914.
           Jan. 29,1914.
S.89°59 W., on a random line, bet. secs.2 and ll.
Set temp. ‡ sec.cor.
40.00
            Intersect N. and S. line, 16 lks.S. of the cor. of secs.2,
80.05
                  3, 10 and 11, hereinbefore described.
            Thence I run,
            S.89°54 E., on a true line, bet. secs.2 and ll.
Through scattering undergrowth. Descend SE. slope, 90 ft.
            Gulch, course S. Ascend SW. slope, 95 ft.to
  4.25
10.00 Spur ridge, brs.S. Descend SE. slope, 130 ft.to
19.00 Gulch, course.SE. Ascend SW. slope, 70 ft.to
24.00 Ridge, brs.NW and SE. Descend NE' slope, 165 ft.to
40.025 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for # sec.cor., marked on brass cap,
                                       1913 on S.rim, 

2 S 2 in N., and
                                       S 11 in S.half;
                  and raise a mound of stone, 2ft.base, 12ft. high, N.
                  of corner. Pits impracticable.
            Descend NE· slope, 55 ft. to
Gulch, course SE. Ascend SW· slope, 80 ft. to
Spur ridge, brs.S. Descend SE· slope, 55 ft. to
Gulch, course SW. Ascend W· slope, 55 ft. to
Spur ridge, brs.S. Descend E· slope, 30 ft. to
Gulch, course S. Ascend SW· slope, 35 ft. to
Spur ridge, brs.SW. Descend east slope, 20 ft. to
44.00
50.00
53.50
55.50
59.50
            Spur ridge, brs.SW. Descend east slope, 20 ft.to Gulch, course S. Ascend SW. slope, 80 ft.to Ridge, brs.NW and SE. Thence along N. slope, to
61.50
64.00
71.20
            Descend NE slope, 80 ft.to
The cor. of secs.1,2,11 and 12.
74.00
80.05
            Note: At this core, Jane 29,1914, I set off 17°58½'S.on the decleare; and at apparent noon, I observe the sun on the meridian; the resulting laters 33° 1'N.
            Land, rolling, hilly and mountainous. Soil, rocky, 4th rate.
             No timber.
            Undergrowth, scattering greasewood, catclaw, mesquite and
                  cacti.
             Mountainous land, 72 chs.
             East, on a true line, bet. secs.1 and 12.
            Through dense undergrowth. Descend NE slope, 115 ft.to Morenci Canyon, course SE. Assend broken SW. slope, 280 ft. Head of gulch, course SW. Ascend W. slope.
  6.40
22.00
25.75
35.50
             Ridge, brs. N. and S. Descend E. slope, 135 ft. to
            Wash, course S. Ascend SW. slope, 55 ftto
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Partial Subdivision of Township 5 South, Range 29 East.
                                                                                           <u> 39.</u>
 Chains.
                                           Trail, brs. N'and S. on ridge.
           Ridge, brs. N. and S.
 38.00
           Descend east slope.
           Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
                 the ground, for # sec.cor., marked on brass cap,
                                  1913 on Serim,

3 S 1 in N., and
                                  S 12 in S.half;
                and raise a mound of stone, 2 ft.base, 1 ft. high,
           north of cor. Pits impracticable.
Gulch, course S. Ascend west slope, 35 ft.to
 43.30
46.00
           Spur ridge, brs.S.; descend.
 48.00
           Head of gulch, course SW. Ascend NW. slope, 110 ft.
           Telephone line, brs. NW and SE.
 53.15
58.00
           Ridge, brs.N. and S. Descend SE. slope, 80 ft.to
Head of gulch, course S. Ascend SW. slope, 30 ft.to
Spur ridge, brs.SE. Descend E. slope, 120 ft.to
 65.00
 69.50
77.35
86.00
           Gulch, course S. Ascend W. slope, 190 ft.to
           Thence over level land.
           Morenci Southern Telephone line, brs.NW and SE.
 87.78
96.73
           Wagon road brs. N. and S.
 99.00
           Descend E. slope, 140 ft.
           Morenei Southern R.R. brs. N. and S.
101.12
105.60
108.00
           Gulch, course SE. Ascend SW. slope, 25 ft.to
           Spur ridge, brs.S. Descend SE slope, 60 ft.to
Intersect the east bdy.of the Tp. (5th.Guide Mer. East,)
8.18 chs.south of the original corner of secs.1,6,7 and 12, which is a wash boulder, 6 x 6 x 9 ins. above ground
                                        Descend SE. slope, 60 ft.b
115.15
                marked and witnessed as described by the Surveyor
                General.
                                                 At a point
            2 lks. east of the stone just described, is a post,4 ins. square, 4 ft. above ground, set in a mound of
                stone, marked SE. cor., Thelma on N., SW. cor. 3
Eleanor on E., and NW. cor. Newark on S. fee Change old
cor. of sees. 1,6,7 and 12 to refer to secs. 6 and 7 of
T.5 S., R. 30 E., only.
           At point of intersection, set an iron post, 3 ftlong,
                2 ins. in diam., 24 ins. in the ground, for closing
                corner of secs.1 and 12, marked on brass cap,
                                  1913 on Serim,
C C E of cener,
T 5 S in Nahalf;
                S 6, S 7, R 30 E in E half;
S 1 in NW., and
S 12, R 29 E in SW quadrant;
and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high, W.
                of corner. Pits impracticable. d, rolling, hilly and mountainous.
           Land, rolling, hilly Boil, rocky, 4th ras.
           No timber.
           Undergrowth, mesquite, catclaw, greasewood and cacti. Mountainous land, 74 chs.
                                                       Jan. 29, 1914.
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Feb.1, 1914: N.0°3' E., on a random line, bet.secs.1 and 2. BOOK 2T12

Partial Subdivision of T.5 S.R.29 E.

Chains. Set temp. ½ sec. cor.
Intersect N. bdy. of Tp., 12 lks. E. of the cor. or pacs.
1, 2, 35 and 36, established by me cost, 2 to ...dia., 7* 40.00 80.45 as described in book "A" and i Thence I run S.0° 2' E., on a true line, bet. secs. 1 and 2. Over level land, through dense undergrowth. Denc. slight SE. slope, 40 ft. to 4.50 Gulch, course SW. Ascend . Sour ridge, brs. S^{w} .; thence over rolling land, along W. 12.00 16.25 slope. Enter Morenci Canyon.

Desc. in Morenci Canyon, 55 ft.

Roadin canyon, brs. NW. and SE.

Set an iron post, 3 ft. long, 1 in. dia., 23 ins. in the 35.25 38.90 40.48 ground, for \frac{1}{6} sec. com., marked on brass cap; 1912 on S. rim, $\frac{1}{4}$ S2 inW. and Sl in E.half; and raise a mound of stone, 2 ft. bass; $l\frac{1}{2}$ ft. high, W.of cor. Pits impracticable. Leave canyon; asc. NW. slope, 45 ft. to Spur ridge, brs. W. Thence along broken W. slope. 44.25 54.93 From this point, a post, 4 ins. square, 4 ft. above ground set in a mound of stone, marked C7 Bench 7 PL on NE. and C2 Bench #4 PL on SE., and 1-2-2448 on SW., bra. W. 123 1ks. dist. Placer prospect, 90 ft. long, 6 ft. wide, 10 ft. deep, on 55.58 Head of gulch, course SE. Thence across level mesa. Top of bl ff, brs. NW. and SE. Desc.M. bank of Morenci canyon, 60 ft.to

Morenci Canyon, course SE. Asa. NE. slope, 100 ft.to 32**.**50 70.50 73.00 Sour ridge, brs. E. Descend.
The cor. of secs. 1, 2, 11 and 12.
Land, rolling, hilly and countainous.
Soil, very rocky 4th rate. 79.50 80.45 No timber. . Undergrowth, dense greasewood, cat claw, and cacti. Mountaincus land, 26 chs. Heb. 1, 1914.

General Description.

This township is mountainous and hilly, the soil is stony, 3rd and 4th rate, there are narrow strips of rich sandy loam 1st rate, along the Gila and San Francisco Ravers and Eagle Creek, there are several settlers along these streams,

There is some Placer Mining along San Francisco and Gila Rivers and Morence Ganyon.

Scattering Cottonwood, Sycamore, Ash, Walnut and Willows along the streams ind in the gulches, a few scattering Cedar and Juniper on the mountains,

There is water in the Gila, San Francisco and Eagle all the year.

The township is covered with a short, hich, nutritious grass, fairly good grazing.

There are no settlers, water or agriculturelland in the unsurveyed sections.

William B. Kimmel U.S.Surveyor.

W 84 2772

FOR FINAL OATH OF UNITED STATES SURVEYOR. See Book D.

of special instructions received from the U.S. Surve	
	yor General for
bearing date of theday 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, sur-	veyed all those parts or portions
	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 ha	ve 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 forand in the	specific manner described in the field notes, and that
the foregoing are the original field notes of such surv	vey.
	П с с
	U. S. Surveyor.
Subscribed by said,	and sworn to before me
this day of	, 191
	•
SEAL SEAL	
· .	
APPR	OVAL.
Office of the	E United States Surveyor General,
P.	hoenix Arizona June 19, 1915
The foregoing field notes of the survey of Pa	hoenix Arizona June 19 , 1915
The foregoing field notes of the survey of pa- Subdivision	hoenix Arizona June 19 , 1915 rt of the n Lines of
The foregoing field notes of the survey of Passion Subdivision Township 5 South	hoenix Arizona June 19 , 1915 rt of the n Lines of Range 29 East
The foregoing field notes of the survey of passive Subdivision Township 5 South of the Gila and Salt R	hoenix Arizona June 19 , 1915 rt of the n Lines of Range 29 East iver Base and Meridian
The foregoing field notes of the survey of passive Subdivision Township 5 South of the Gila and Salt R	hoenix Arizona June 19 , 1915 rt of the n Lines of Range 29 East
The foregoing field notes of the survey of passible Subdivision Township 5 South of the Gila and Salt R: in the State of	hoenix Arizona June 19 , 1915 rt of the n Lines of Range 29 East iver Base and Meridian
The foregoing field notes of the survey of passible Subdivision Township 5 South of the Gila and Salt R in the State of	hoenix Arizona June 19 , 1915 rt of the n Lines of Range 29 East iver Base and Meridian Arizona
The foregoing field notes of the survey of passible subdivision Township 5 South of the Gila and Salt R: in the State of executed by William B. Kimmel U.S	hoenix Arizona June 19 , 1915 rt of the n Lines of Range 29 East iver Base and Meridian Arizona
The foregoing field notes of the survey ofpa	hoenix Arizona June 19 , 1915 rt of the n Lines of Range 29 East iver Base and Meridian Arizona
The foregoing field notes of the survey of passible Subdivision Township 5 South of the Gila and Salt R: in the State of	hoenix Arizona June 19 , 1915 rt of the n Lines of Range 29 East iver Base and Meridian Arizona S.Surveyor 1910 for Group 26 , the part having been
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