Exteriors

Book"B" FIELD NOTES

BOOK 2500

BOOK 2500

OF THE SURVEY OF THE

SOUTH, WEST and NORTH BDRS.
o f
<i>O</i> /
T. 22 N R. 20 W.
•
O(1 - 1) O(1) O(1)
of the Gila and Salf Piver Base & Meridian,
In the State of Arizona
In the state of
EXECUTED BY
William B. Kimmel, U.S. Surveyor
and.
,
H. N. Bradstreet, U.S. Transitman
To the amount of H.S. Summaron and descriptions dested Object 24 1013
In the capacity of U.S. Surveyor, under instructions dated Opril 24, 1913,
issued by the United States Surveyor General to govern surveys included in
Group No, which were approved by the Commissioner of the General Land
Office,
Office, 1913, pursuant to authority contained in the Act of Congress dated August 24, 1912
Survey commenced May 28 , 1913 Survey completed June 6 , 1913
Survey completed \//na & 5

B.OOK No 2500

BOOK 2500

,		IND	EX C		RAM	•	
	Townsh	ip 22	North 13	, Range	20 We.	5/ 11,	
100	6	5 ()/3 8	X/0 2	X/0 1	4
9	7	8 (3 ^{1,5} 9	(// 10	11	X9 12	3
9	18	17	X X	15	14	* X *8 13	3
8	19	20	51	22	23	X X X 24 X 6,	2
70	30	29	28	27	26	X6 25	2
7	31	32	33	34	35		
	É	3	This b Book	"A"	2	**************************************	151

Corners set by Kimmel

" " Bradstreet

" reestablished by Kimmel

0 Original Corner.

BOOK 2500 247

Survey commenced May 28, 1913, and executed witha Young and Sons Light MountainTransit, #7695, with Smith Solar Attachment. The horizontal limb of the Transit has two double verniers, placed opposite to each other, and reading by estimation, to 30" of arc, which is also the least count of the verniers of the vertical circle and the latitude and declination arcs. All measurements on rolling ground were obtained by the use of a two chain tape and clinometer unless otherwise stated.

The transit was examined, tested by me on the true meridian at Phoenix, Arizona, found correct, and approved by the Surveyor General of Arizona, Nov.

27, 1912.

I examine the adjustments of the transit, and correct all errors; then, to test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris,

I proceed as follows:

At my camp, in 122N, R20W, latitude 35° 18'N., longitude 114° 21' W. W. I observe Polaris at 9h.23m, p.m.,
l.m.tand mark a point in the line thus determined by a tack in a hub, 5 chs N. of my station.

I obtain the azimuth of my line as follows: L.m.t. observation Astron. Utime U. C. i Holaris, May 27, 1913

9h23m p.m.

Greenwich meridian 21h.06.1m. Difference in time for long. L.m.t. upperculmination my station Hour angle of Polaris

21h04.9m 11h,42m

9:01.9

Azimuth corresponding to hour angle 0° 06 May 29, 1913:AT 7h a.m. I turn off the azimuth of Polaris, 0°06' to the East, and mark the meridian 06'E thus determined by a tack in a hub, 5 chs. north of my station.

At 7h. 05m. a.m., 1.m.t., I set off 35° 18'N. on the lat. arc, 21, 36½'N. on the decl. arc, and mark a point in the meridian determined with the solar, by a pencil cross on the hub already set, 5 chs. north of my station; this mark falls 0.3 ins. east of the

meridian established by Polaris observation. Itset off21, 37% N. on the decl. arc, and at 11h. 57m. a.m. mobserve the sun on the meridian and obtain on the lat. arc the reading 35 18 N which agrees

with my other data.

At 5h 0p.m., 1.m.t., I set off 35° 18' N. on the lat.
arc,21° 40' N. on the decl, arc, and determine with
the solar a meridian. Theorem the line thus obtained coincides with the point given by the a.m. observation.

The solar apparatus, by a.m. and p.m. obser vations defines positions for meridiansabout 0' 16" east of the meridian established by Polaris observations; therefore I conclude that the adjustments of the transit are satisfactory.

May 30, 1913. At the cor. of Tps. 21 & 22N., Rs. 19 & 20 W., which is a sandstone, firmly set, 10X10 X 8 ins. above ground, marked and witnessed as described by the surveyor general, I set off 35° 15'N. on the lat. arc, 21° 45½' N. on the decl. arc, and at 7h. 30m. a.m., 1. m.t., I determine a meridian with the solar. May 29, 1913

Thence I run, as per instructions, West, on true line, on south bdy. of the p. bet. secs. 1 and 36, ascending S.E. slope over rough, rocky ground. Low hill, 40 ft. above cor. Desc. west slope

Wash, courseS.E., 60 lks wide, 4 ft deep, 50 ft. below

hill. Thence over rolling land. Wash, 60 lks. wide, 4 ft deep, courseS. Asc slightly.

3.00 6.00

11.00

```
Chain$
 16.00
           Top of low rocky hill.
 18.60
           Head of gulch, course south. Asc slight east slope.
            Asc. N.E. slope of conical hill.
 36.00 Top of hill, 100 ft. high; desc.N.W. slope. 12 chs N of
             line, Spring at the junction of two washes, courses
             ENE and ESE.
           Wash, 15 lks wide, 15 ft deep, course NE. Asc. E slope. Set an iron post, 36ft long, 1 in. in diam., 26 ins in the ground, for 4 cor, marked on brass cap, 1913;
 38.00
40.00
                1536 in N and
                Sl in S half,
                and raise a mound of stone, 2 ft base, 1\frac{1}{2} ft. high,
           N of cor.No trees available; pits impracticable.
Ridge, brs. N & S, 200 ft above wash. Desc SW slope.
Gulch, course S. 80 ft. below ridge. Asc SE slope, 32 ft.
Rocky spur ridge, extends 2 chs SW. Des. SW slope, 80 ft.
Canyon, 1 ch wide, course S. Asc E. slope, 90 ft.
Top of conical hill. Desc W slope, 70 ft.
Gulch, course South. Asc. E slope. Enter scat. scrub cedar
 48.00
 53.50
58.40
 63.00
 72.00
              brs. N & S.
           Rocky ridge. 150 ft above gulch, brs. N & S and extends
 78.00
           4 chs S. Desc SW slope 30 ft to
Set an iron rost, 3 ft long, 3 ins. diam., 24 ins in the
ground, for cor of secs. 35, 36, 1 & 2, marked on brass
 80.00
               cap,1913;
              T22N in N, T21N in S., & R20W in W. half.; .
              S35 in NW,
S36 inNE,
           S1 in SE, and S2 in SW, quadrant; from which A cedar, 5 ins. diam., brs. N434 E., 24 lks. dist.,
              marked T22NR2OWS36BT.
           A cedar, 5 in. diam., brs. S70°E, 52 lks. dist., marked T21NR20WS1BT.
           A cedar, 5 ins. diam., brs. S 574 W., 12 lks dist, marked T21NR20WS2BT.
           A cedar, 5 ins. diam., brs. N334°W, 31 lks dist, marked
              T22NR20WS35BT.
           Land rolling and hilly. Soil rocky 4th rate.
           Timber scattering scrub cedar.
           Undergrowth, catclaw.
           West on true line on Southbdy. of Tp., bet. secs. 35 &
              2., Over rolling land
           Leave cedar timber, bears N. & S.
  2.00
  6.00
           Gulch, course SE.
110.25
            "ash, 10 lks. wide, course NE. Asc. steep NE slope, 320
              ft.
           Hill. 2 chs S to highest rocky point. 6 chs. N of line to canyon, course E. Desc NW slope, 50 ft.
 20.00
           Gulch, NE. Asc SE slove, 350 ft to
Set an iron post, 3 ft long, 1 in. diam., 26 ins. in the
 27.00
 40.00
              ground for 190cor, marked on brass cap, 1913;
              \frac{1}{2}S35 on N and S2 on South half
              and raise a mound of stone 2, ft base 1\frac{1}{2} ft high, N of
           cor. Pits impracticable. End of ascent, ridge 5 chs wide, brs. N & S.Thence over
 41.00
              level land.
           Desc W. Slope of ridge. Guldh, W:
 46.00
 54.00
 63.00
           Leave gulch, course NW.
           Wash, course W., 10 lks wide.
 78.00
79.60
           Canyon, 2 chs wide, course S, 360 Itabehew top of ridge.
             'Asc E. Slope.
           Set an iron post, 3 ft long, 3 ins. diam., 24 ins. in the ground, for cor of secs. 34, 35, 2 & 3, marked on brass
80.00
              cap, 1913;
              T22N in N, T21N in S, & R20W in W half;
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	boundary of 1 EEN REOW.	3
Chains.	S34 in NW BOOK S35 inNE	2500
	S2 in SE and S3 in SW quadrant, from which A cedar, 8 ins. diam., brs.S29 E, 77 lks. dist., marked	
	T21NR20WS2BT A cedar, 5 ins diam., brs. S55½°W, 54 lks. dist., marked T21NR20WS3BT.	
	No other trees available. Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft high, Wof cor. Pits impracticable.	
	Land, rolling and mountainous . Soil, loose rocks, and rocky 4th rate. Subsoil ledge rock.	
	No timber. Undergrowth, grease ood and catclaw.	
	Mountainous land, 70. chs. At this corner, I set off21° $\sqrt{46\frac{1}{8}}$ N on the decl. arc,	
	and atllh. 57 m. a.m., l.m.t., observe the sun on the meridian; the resulting lat. is 35%/15% N. or within of the proper lat.	
+	West, on true line, on South boundary of Tp., bet. secs 34 &3.	
3.00	Asc. SE slope throughscat. scrub cedar, over rocky groun	d. r.
8.00	Wash, 10 lks wide, course S. 20 ft. below ridge. Asc. over rolling land.	
10.00	Low ridge, Brs. N & S.	
18.00	Top of hill. Desc SW slope, 30 ft.	
32.00 40.00		•
	in the ground, for \(\frac{1}{4} \) sec. cor., marked on brass cap,191 \(\frac{1}{4} \) S34 on N: and S3 on S half,	3;
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N of cor: Pits impracticable.	•
42.00 53.00	Rocky ridge, N & S; desc. steep SW slope.	
71.00	Gulch, course N. 650 ft below ridge. Asc. NE slope, 30 ft.	
80.00	Spur ridge, extends 1 ch N. Desc 40 ft to Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground for cor. of secs. 33, 34, 3 & \$, marked on brass cap, 1913;	
	T22N in N T21N in S and	
	R20W in W half; S33 in NW	
	S34 in NE S3 in SE, and	
	S4 in SW quadrant; and raise a mound of stone, 2 ft. base, 12 ft. high, W	
	of cor. Pits impracticable. Land, mountainous.	
	Soil. loose rocks and rocky 4th rate. Undergrowth, cactus catclaw and greasewood.	
	Timber, scat. cedar. Mountainou land, 60 chs.	•
	May 30, 1913.	
	May 31, 1913: At 8h a.m., l.m.t. I set off 35 15 N. on the lat. arc, 21 54 N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 33, 34, 3 & 4, above described,	
	Thence I run, West not bet secs 33 & 4, on S. bdy. of Tp.	
0.10	Enter gulch, 60 iks. wide, course Nw.	

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Chains
                                                                                  BOOK 2500
          break between the pinnacles of rock.
          End of traverse line, 2.50 chs. South of Boundary line.
 67.70
          Thence I run
          West.
          Desc very steep, rocky SW slope, 210 ft.
 80.00
          Run North, 2.50 chs.
          Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 32, 33, 4 & 5, marked
            on br ass cap, 1913;
              T22N in N
              T21N in S, and
              R20W in whalf;
              S32 in NW,
              S33 inNE,
S4 in SE, and
             S5 in SW quadrant;
          and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high,
              W. of cor. Pits impracticable.
          Land mountainous.
          Soil loose rock.
          No timber.
         Undergrowth, greasewood and catclaw.
         Mountainous land, 80 chs.
          West, on true line, on S. bdy of Tp., bet secs 32 & 5.
          Along N slope, over very rocky ground. LOchs N to canyon.
         2 chs S to ridge, brs. E & W. East side of rock point, 75 ft. high.
  5.74
7.00
         Top of rock; desc NW. slope, 150 ft. End of desc; thence along N slope.
14.00
         East rock of Split Rock brs. due N about & chs dist.
16.40
         Base and E side of granite ridge, with perpindicular
16.41
            sides, 50 ft high, over which we cannot climb. To
           pass obstacle, offset as follows:-
            North, 2.96chs., into canyon, 100 ft below. West on N side of canyon, 5.02 chs.
            South 2.96 chs to south side of Canyon, regaining
            sec. line. at
21.43
         We !
         De e
         Cloudy at noon.
        June 2, 1913:, At this point I set off 35 15!N on, the lat arc, 22 / 11! N on the decl. arc, and 8h. 45m. a.m., l.m.t., I determine a meridian with the solar Thence I run, continuing measurement, on true line, West, on S. bdy of Tp..descending Sw alar
                                                                    1913.
         West, on S. bdy of Tp., descending SW. slope, through dense
          greasewood undergrowth, 50 ft.
27.00
         Enter Split Rock Wash, course SW.
31.00
         Main channel of wash.
32.00
         Leave Wash. Asc slight SE, slope.
40.00
         Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
            ground, for & sec. cor., marked on brass cap, 1913;
            4S32 in N
            S5 inS half,
         and raise a mound of stone, 2 ft. base, laft high, N of
           cor. Pits impracticable.
51.00
         South end of low ridge; desc. slightly into Split Rock
          . Wash.
61.00
         Leave main channel, course NW.
                                                                         hrs NWXSE
        Asc. E. slope of bocky point of hill, 90 ft. Leave undergrowth, Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 31, 32, 5 & 6, marked on
77,30
80.00
           brass cap, 1913;
           T22Nin N,
           T21N in S
           R20W in W half;
           S31 in NW,
           S32 in NE,
           S5 in SE., and id
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FOCK SEON

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S6 in SW quadrant;
Chains
          and raise a mound of stone, 2 ft. base, 12ft. high, W
              of cor. Pits impracticable.
          Land mountainous and rolling.
          Soil rocky 4th rate. Decomposed granite.
          No timber.
          Dense greasewood undergrowth, 56 chs.
          West, on true line, on S. bdy. of Tp, bet. secs. 31 & 6.
          Asc. slightly from cor., over very rough ground, no
             undergrowth.
   0.50 Top of conical hill. Canyon 6 chs. N. Desc. NW slope,
             160 ft.
          End of desc. Thence over level land. Enter dense grease-
 8.00
             wood, brs. NE & Sw.
15.00
          Asc. NE slope of hill, 50 ft.
          Spur ridge extends 3 chs. NE. Desc. W slope, 85 ft. End of desc. Level land.
17.95
26.00
          Wash 3 chs wide, course NW.

Asc. E slope of spur ridge, 60 ft.

Spur ridge extends 2½ chs. N. Desc W. slope, 45 ft.

Set an iron post, 3 ft long, 1 in. diam., 26 ins. in the
33.00
35.50
36.95
40.00
             ground, for \frac{1}{4} sec. cor., marked on brass cap,1913; \frac{1}{4}S31 on N, and S6 on S half,
          and raise a mound of stone, 2 ft. base, l_z^1 ft. high, N
             of cor. Pits impracticable.
          Thence across level land.
43.00
          Asc. low rige.
          Low spur ridge, extends NE. Desc slight NW slope. Wahh, 1 ch wide, course NE. Asc. SE slope of conical hill.
44.00
46.00
          Top of ascent, south slope of hill, 140 ft. above wash.
54.00
Desc. W slope, 135 ft.
61.00 Gulch, course N. Thence over rolling land.
66.75 Gulch, NE. Asc. NE slope, 120 ft.
73.00 Rocky ridge, brs., SE & NW. Des. SW slope, 45 ft.
66.75
73.00
75.00
          Canyon, 2 chs. wide; course N. Asc E slope of hill, 100
            ft.
          Set an iron post, 3 ft. long, 3 ins. dlam., 24 ins. the ground, for cor of Tps 21 & 22N, Rs. 20 & 21 W,
79.49
                                                                            24 ins. in
            marked on brass cap, 1913;
            T22N in N.
            R20W in E,
            T21N in S., and R21W in W half;
            S36 in NW,
S31 in NE,
            Số in SE, and
Sl in SW quadrant;
           and raise a mound of stone, 2 ft. base, l_{z}^{1}ft. high, S.
         of cor. Pits impracticable. Split Rock Brs. N84° 43'E.
          Highest Jagged Peak south of Split Rock brs. S70° 38'E Mill at the Frisco Mine brs. S53° 11'E
           South edge of highest peak in Black Mountains brs. N.60° 21'E. At this cor., I set off 22°11½' N on the decl. arc, and
              atllh. 57 m. a.m., l.m.t., I observe the sun on the meridian; the resulting lat. is 35° 14½ N. which is within 1 of the correct lat.
           within 1 of Land, polling.
           Soil, granite gravel.
           No timber.
           Undergrowth, Greasewood.
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\mathbb{E}_{\Phi O K} 2500
             From the cor. of Tps 21 and 22N, Rs 20 & 21W, set by
           me and bereinbefore described, I run, as per instructions, North, bet. secs. 31 & 36.

Desc very rockyN.slope of ridge, course W. Continue desc.

Wash, 1 ch wide, course NW.
Chains
   8.00
 26.50
27.00
            Low spur ridge, extends 1 ch NW
            Enter wash, 2 chs wide, course NW.
 28.00
            Leave wash, asc. SW slope, 40 ft.
 30.00
            Gulch, course NW.

Ridge, brs. SE & NW. Desc. NW slope.

Set an iron post, 3 ft. long, 1 in, diam., 26 ins in the
 34.00
  38.00
 40.00
               ground, for 4 sec. cor., marked on brass cap, 1913;
               4536 on W, and
               S31 in E half,
            and raise a mound of stone, 2 ft. base, l_{\bar{z}}^{1}ft. high, W of
               cor. Pits impracticable.
            Enter wash, 8 chs wide, 45 ft below ridge, course NW.
 42.00
            Leave bed of wash.
  50.00
            Asc. S slope, 85 ft.
Ridge, brs. SE & NW; desc NE slope, 125 ft.
  52.50
  61.00
            Ridge,
  66.00 In gulch, course N.
  70.00
            Gulch, course W. Asc SE slope, 90 ft.
            Rock-cliff, 30 ft high, 30 lks. wide.
Ridge, brs. E & W. Desc N slope, 75 ft.
  73.00
  78.00
            Gulch, course NE.
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor of secs. 25, 30 31 & 36, marked on
  79.10
  80.00
              brass cap, 1913;
T22N in N half;
              R21W S25 in NW,
R20W S30 in NE,
              S31 in SE, and
              S36 in SW quadrant;
           and raise a mound of stone, 2 ft. base, l_{\overline{z}}^1ft. high, Wof
              cor. Pits impracticable.
            Land rolling and mountainous. Soil rocky, 4th rate.
             No timber.
             Undergrowth, greasewood brush. Mountainous land, 25 chs.
                    m atructine
1, bet. secs. 25 & 30:
            North, bet. secs. 25 & 30.

Desc. N. slope over loose rocks, 45 ft.

Gulch, course W., asc SE slope, 35 ft.

End of asc., thence over level land.

Wash, course SW. 1 ch wide. Asc SE slope of conical
    3.00
    5.00
  10.00
               cinder hill, T45 ft high.
             On slope of hill, 4 chs E of highest point. DescNE slope
  18.00
             Gulch, SE., 60 ft. below top of hill. Asc SW slope, 110 ft.
  22.00
             w end of spur ridge. Continue asc.
  25.60
             Asc. SE slope.
  28.00
  29.50
35.00
36.00
             Ridge, NE & SW; desc NW slope, 50 ft. Gulch, NE.
             Gulch, SE. Asc SE slope, 40 ft.
             End of ascent, low pass between two rocky points. Desc

NW slope, 35 ft.

Set an iron post, 3 ft. long, 1 in diam., 26 ins. in the
   38.50
   40.00
                ground, for \(\frac{1}{4}\) sec cor., marked on brass cap,1913; \(\frac{1}{4}\)S25 in \(\mathbb{W}\) and \(\S30\) in \(\mathbb{E}\) half,
             and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high,
                 W. of cor. Pits impracticable.
                                                                          June 2, 1913.
             June 3,1913.
            At this point I set off 35° 16'N on the lat, arc,
                 22^{\circ} / 18\frac{1}{2} N on the decl, arc, and at 9h_{\Lambda}^{0m} a.m., 1.m.t., J_{\text{max}} = 5 A determine a meridian with the solar.
            Thence I run, continuing measurement,
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Chains.
               on a true line
          North, bet. secs 25 & 30.
          Desc NW. slope, cover ledges of solid granite, covered
             with loose burnt granite clinker.
 44.00
          End of desc, 50 ft. below cor. Thence along rolling N
            slope.
 44.50
          Gulch, course W.
 46.50
          Gulch, course W.
 49.00
          Guach, course W.
 52.50
          Gulch, course SW. Asc. rolling SW slope, 75 ft.
 58.00
61.00
          Gulch, course SW. Asc S slope.
         Rocky point of hill, thence along w slope. Gulch, course W., asc. Sw slope, 70 ft.
 64.00
66,50
68.50
          Spur ridge, extends 50 lks W desc NW slope, 45 ft.
         Gulch, course W; asc.S# slope, 40 ft. Ridge, E & W. Desc NW slope, 120 ft.
 69.00
 71.00
                  course NW
          Gulch,
 72.00
         Low ridge, brs. NW & SE. Desc N slope
         Gulch, course W.
74.00
76.00
         Gulch, coursew.
         Gulch, course W.
Set an iron post, 3 ft. long, 3 ins. diam, 24 ins. in the ground, for cor. to secs.19, 24, 25 & 30, marked
 78.00
80.00
            on brass cap,1913;
            T22N in N half;
            R21W S24 in NW,
R20W S19 in NE,
            S30 in SE, and
            S25 in SW quadrant;
          and raise a mound of stone, 2 ft. base, laft. high, w
            of cor. Pits impracticable.
        Land rolling.
        Soil granite ledges and burnt granite clinker.
        No timber, or underbrush.
            on a true line
        North, bet. secs 19 & 24.
        Desc. over steep granite ledges covered with burnt clinker.
  5.00 Enter wash 4\frac{1}{2} chs. wide, course w. 40 ft. below sec cor.
  9.50 Leave wash. Thence over rolling land through dense grease
         wood undergrowth.
15.00 Enter wash, 2 chs wide, course SW. 17.00 Leave wash. Thence over level land.
37.00 Enter gulch, course Sw.
39.90 Leave gulch, coure WSW.Asc S slope, 10 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for \( \frac{1}{2}\) sec. cor, marked on brass cap,1913; \( \frac{1}{2}\)S24 bn W, and \( \frac{1}{2}\) in E half,
        and raise a mound of stone, 2 ft. base 12 ft. high, w of
         cor. Pits impracticable.
        Asc ridge, Brs N & S.
47.00 Head of gulch, course SE. Asc. SW slope.
51.00 Top of conical granite hill, 110 ft above \frac{1}{4} cor. Desc.
         Gulch, SW.; ascSE slope,
54.00
         Gulch, W. Asc SW slope.
End of ascent, 60 ft above first gulch. Conical granite hill.
58.75
          Desc.Nw slope, 130-ft.
67.50
         Gulch, W. Thence along rolling w slope.
        Gulch, course W. Asc. SE slope, 60 ft.
Set an iron post, 3 ft. long, 3 ins diam., 24 ins. in
the ground, for cor. of secs. 13, 18, 19 & 24, marked
75.00
80.00
          on brass cap,1913;
          T22N in N half;
          R21W S13 in NW, R20W S18 in NE,
          S19 in SE, and S24 in SW quadrant;
        and raise a mound of stone, 2 ft. base, l^{\frac{1}{2}} ft. high,
          W of cor. Pits impracticable.
         Land rolling and mountainous.
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255

=		<i>y</i> = 1222 12241
	Chains	
		Soil, decomposed granite on level and inwashes, 3rd rate;
		granit e ledges and burnt granite clinker on slopes.
		No timber.
		Undergrowth, dense greasewood on level.
		Mountainous land40 chs.
		At this cor., I set off22° 19 'N on the decl. arc, and
		at 11h 58m. a.m., 1.m.t., I observe the sun on the meridian; the resulting lat is 35° 17½ N. which is correct.
		C.1' accident hem the secretariat.
		an a true line
-		North, bet. secs. 13 & 18.
	E 00	Asc. SE slope, over bare granite ledges.
	5.00 8.00	
-	9.00	
	12.00	Gulch, course SW; asc SE slope, 70 ft.
	16.00	Ridge, brs. NE & SW. Thence along W slope.
	18.00	Gulch, course SW; asc SE slope, 120 ft.
	21.00	
	24.00	
		dicular granite peak, 100 ft above pass. 10 chs E an-
		other granite peak, same height. Desc very steep N slope. 260 ft.
	28.00	
	38,50	Leave gulch, course NNW.
	40.00	
		the ground, for \(\frac{1}{4} \) sec. cor., marked on brass cap 1913;
		\$13 in W, and
		S18 in E half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, w
		of cor. Fits impracticable.
		Continue desc, 150 ft.
	49.00	Wash 10 bks wide, course NW.
	54.00	
	(= 00	Asc. SE slope, 100 ft.
	65.00	Head of gulch, course SW. Continue asc of S slope of high mountain, 210 ft to cor.
	8 0. 00	
		the ground, for cor of secs. 7, 12, 13 & 18, marked
		on brass cap,1913;
		T22N in N half;
		R21W S12 in NW,
		R20W S7 in NE, S18 in SE, and
		S 13 in SW quadrant;
		and raise a mound of stone, 2 ft. base, 1 ft. high,
		W of cor.nPits impracticable.
		Land mountainous.
		Soil burnt granite, alato 3 ins. thick, over granite
		ledges. No timber.
		Undergrowth, scattering greasewood.
		Mountainous land, 80 chs.
		June 3, 1913.
		June 4, 1913: At 8h. 10m. a.m., 1.m.t., I set off 35, 18 1 N
		on the lat arc, $22\sqrt{25}$ N on the decl. arc, and
	1	7. 12. 13 & 18. Thence I min
		determine a meridian with the solar at the cor of secs. 7, 12, 13 & 18, Thence I run, North, bet secs. 7 & 12.
		Asc very steep slope of mountain, covered with slide
		rock.
	11.25	Top of conical mountain, 340 ft. above cor. Desc. NE
	14.00	Slope, 425 ft. Precipice 30 ft high has SE & NE
	21.00	Precipice, 30 ft. high; brs. SE & NW. Gulch, course NE.
	28.00	Gulch, course NE.
	38.00	End of desc; enter drawn, 16 chs. wide. course W.
	40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
		the ground, for $\frac{1}{4}$ sec cor., markedon brass cap
		$\frac{1}{4}$ S12 in W., and
		S7 in E.half,
	1	

June 4, 1913.

```
256
         Chains
                      and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high, W
                         of cor. Pits impracticable.
                     Leave drawn, asc SW slope, 45 ft.
           54.00
                      Gulch, course SW. Continue asc, 125 ft.
           61.00
                      Ridge, brs. E & W. Desc. N slope, 150 ft.
           70.00
           75.00
                      Head of gulch, course NNW.
                     Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 6, 7 & 12, marked on brass
           80.00
                         cap,1913;
                         T22N in N half;
                         R21W S 1 in NW, R20W S6 in NE,
                         S7 in SE, and
                         S12 in SW quadrant;
                      and raise a mound of stone, 2 ft. base, laft. high, W of
                         cor. Pits impracticable.
                      Land, rolling and mountainous. Soil, rocky, 4th rate.
                      Undergrowth, greasewood and catclaw.
                      No timber.
                      Mountainous land, 50. chs.
                      Mountainous land, 50. chs.

At this cor., I set off 22°26½' N. on the decl. arc, and at 11h 58m a.m., 1.m.t., I observe the sun on the meridian; the resulting lat. is 35°19½'N which is only 6½' greater than the correct lat.
                      North, bet. secs. 1 & 6.
Desc. NW slope, 40 ft, over malpais rocks, through
                           greasewood undergrowth.
             4.00
                      4 chs. due east, a white granite pinnacle, 60 ft. high.
                      Gulch, course NW.
           10.00
           13.00
20.00
                      Gulch, course W. Asc SW slope, 225 ft. Gulch, SW. Asc. S slope.
                      Ridge, brs. E.& W; desc. NE slope, 260 ft.

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for \( \frac{1}{2} \) sec. cor., marked on brass cap, 1913;
\( \frac{1}{2} \) S1 in W, and
\( \frac{1}{2} \) S6 in E half,
           28.00
           40.00
                      and raise a mound of stone, 2 ft. base, l_{E}^{2}ft high, w of
                           cor. Pits impracticable.
                      End of desc.Gulch, sourse NW; 30 lks. wide, 15 ft. deep. 8 chs W in gulch, a spring. Asc. S slope. Ridge, brs. NE & SW, 110 ft above gulch. Desc NW slope 25 ft.
           44.00
            53.00
                      Gulch, course SW, asc S slope, 110 ft. End of asc. Thence along W slope.
            56.00
            62.50
                      Desc. NE slope, 100 ft.
                      Burns Spring wash, course W. Leave wash, asc. S slope, 30 ft.
            74.00
            79.00
                      Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of tps. 22 & 23N, Rs. 20 & 21 W,
            80.00
                           marked on brass cap, 1913;
                           T23N in N, R20Win E,
                           T22N in S, and
                           R21W in W half;
                           S36 in NW,
                           S31 in NE,
                           Số in SE,
                           S1 in SW quadrant;
                       and raise a mound of stone, 2 ft. base, lift. high, S
                           of cor. Pits impracticable:
                      Land rolling and mountainous.
                      Soil rocky 4th rate..
                      No timber.
                      Undergrowth, greasewood.
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June 5 At 7h. 48m a.m., l.m.t., I set off 35°20'N. on the lat. arc, 22°32½'N. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 22% 23N.,
                                                                                                                                          257
Chains.
                      Rs. 21 & 20 W, hereinbefore descrabed.
                  Thence I Trun, as per instructions
                 East, on a random line, along the N. bdy of T22N. R20W, setting a temporary \frac{1}{4} cor at 39 chs., and thereafter section and \frac{1}{4}. sec. cors at intervals of 40 chs; and at 478.65 chs., intersect the East boundary of T23N R20W, 54 lks. N. of the cor of Tps. 22 & 23N., Rs.
                 19 & 20W, retentwire establishme & described in Book A, The falling answers to a correction of 0'04', or 9 lksS. per mile, counting from the NW. cor of the Tp; therefore I run N 89 56' W, bet. secs 1 & 36.
                     Desc. rocky W. slope 50 ft. through dense undergrowth.
                 Wash, 10 lkw. wide, course Sw., cont. rolling, slopes S. Wash, 10 lks. wide, course S., asc. rocky NE slope 290 ft. Spur ridge, brs. Nw. & SE.. asc. SE slope.
   2.15
   6.15
 14.00
                 Rocky spur ridge, brs. N & S., desc. SW slope, 35 ft.
 27.50
29.40
                 Head of gulch, course S., asc. SE slope, 225 ft.
  36.00
                  Change slope Asc E slope.
                 Set an iron post, 3 ft. long, 1 in. in dia., 26 ins. in the ground, for \( \frac{1}{4} \) sec. cor, marked on brass cap,1913; \( \frac{1}{4} \) S36 \( \frac{1}{2} \) in N, and
 40.00
                      Si in S half, from which
                  A cedar, 8 ins. diam., brs. S30°W., 92 lks dist., marked 181 BT.
                 No other trees within limits. Raise a mound of stone, 2 ft. base, 12 ft. high, N. of cor. Pits impracticable.
                 base, 1½ ft. high, N. of cor. Pits impracticable.

June 5, 1913.

June 6, 1913: at 8h, a.m., 1.m.t., I set off 35° 20°N.

on the lat. arc, 22°, 79°N. on the decl. arc, and determine a meridian with the solar at the ½ cor. of secs. 1 & 36.

Production of the solar at the ½ cor. of secs. 1 & 36.

Production of the solar at the ½ cor. of secs. 1 & 36.

Production of the solar at the ½ cor. of secs. 1 & 36.
 41.35
51.50
55.25
                 Gulch, course SW., Asc. SE slope, 75 ft.

Spur ridge, brs. N. & S., desc. SW slope 80 ft.

Gulch, course S., asc E slope, 60 ft.

Spur ridge, brs. N. & S., desc W slope 135 ft.

Gulch course S, asc E slope 80 ft.
 66.00
 64.00
 68.25
                 Spur ridge, brs. N & S., desc. SW slope 70 ft. Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for the cor. of secs 35, 36,1 & 2,
 74.0Ó
 80.00
                     marked on brass cap,1913;
                     T23N in N,
T22N in S, and
                     R20W in W half;
                     S 35 in NW,
S36 in NE,
                 S1 in SE, and S2 in SW quadrant; from which A cedar, 8 ins. diam., brs. S79 W, 50 lks dist.,
                     marked T22N R20W S2BT.
                 No other trees within limits, raise a mound of stone,
                     2 ft. base, 12 ft. high, W. of cor. Pits impracticable.
                 Land mountainous.
                 Soil, rocky 4th rate.
                 Undergrowth, scrub cedar, catclaw, &c.
                 N.89 56W, bet. secs 2 & 35
                   desc rocky Sw. slope 140 ft. through dense undergrowth.
                 Wash 15 lks. wide, course NW. Wash 12 lks wide, course NE. Asc SE slope 240 ft.
   12.00
  14.50
15.00
28.50
39.80
40.00
                 Rocky spur ridge, brs. NE and Sw., desc w slope 180 ft.
                 Draw, course S, asc SE slope, 125 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;
                4S35 in N and S2 in S half, from which
                 A cedar, 10 ins in diam., brs. N21° 30'E. 69 lks dist
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North Boundary of Tp 22N R 20 W
Chains
            marked \(\frac{1}{4}\) S35 BT.

A cedar, 6 ins. diam., brs. S33°W, 112 lks dist., marked \(\frac{1}{4}\)S2BT.
            Cloudy at noon.
            Change slope, asc E slope.
 45.00
            Rocky ridge, brs. N and S. desc. W. slope 100 ft. Draw, course NW, asc NE slope 75 ft. Spur ridge, brs. N and S., desc. W slope 65 ft.
 52.70
 00.00
 73.80
            Gulch, course N; asc NE slope 25 ft.
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins in
the ground for cor of secs. 2, 3 34 and 35,
 78.00
 80.00
              marked on brass cap, 1913;
              T23N in N,
T22N inS,
              R20W in W half;
            S 34 in NW,
S 35 in NE,
S2 in SE, and
              S3 in SW quadrant, from which
            A cedar, 6 ins. diam., brs. N70° 45'E 115 lks dist.,
            marked T23N R20W S35 BT.

No other trees within limits, raise a mound of stone
2 ft. base, lift. high, N of cor. Pits impracticable.
            Land mountainous.
            Soil rocky 4th rate.
            Undergrowth, scrub cedar, catclaw, &c
            N89° 56 m., bet secs. 3 and 34.
             On rocky N. slope through scattering cedar and dense
              undergrowth.
             Guich, course N. Asc. NE shope, 125.ft.
  23.00
             Rocky ridge, brs. N.&cS. Desc. W. slope, 250 ft. co. a.c.
  30.60
             Foot of desc, thence over leviel land.
  38.00
            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;
  40.00
              1534 on N and
              $3 on S half;
             dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth, 3\frac{1}{2} ft. base, 1\frac{3}{2} ft
              high, N. of cor.
             At this point I set off 35°20'N on the lat. arc, 22° 39'N on the decl. arc, and the 9h. a.m., 1.m.t., 2018 6, I determine a meridian with the solar at the 40 cor
             of secs.3 & 34.
             Road, Burns Springto Chloride, brs N & S.
  47.35
47.85
48.50
63.00
             Wash, 10 lks. wide, course N.
             Asc rocky E slope, 220 ft.
             Rocky ridge, 4 chs long, brs. N & S. Desc W slope,
              265 ft.
             Foot of desc., thence across level land.
  78.00
             Setan iron post, 3 ft. long, 3 ins diam., 24 ins. in the ground, for cor of secs. 3, 4, 33 & 34, marked on brass
  80.00
               cap,1913;
             T23N inN,
             T22N in S, and S33inNW,S34inNE,S3inSE,S4inSW.quadrant;
R20W in W half; from which
A cedar, 6 ins. dia., brs N13\(\frac{3}{4}\)E., 125 lks. dist.,
marked T23NR20WS34BT.
             A cedar, 8 ins. in dia., brs. S342°E, 41 lks dist., marked T22N R20W S3 BT.
             A cedar, 6 in. in diam., brs. S712 W., 193 lks. dist., marked T22N R20W S4 BT.
             A cedar, 7 ins. diam., brs. N44°W., 283 lks. dist., marked T23N R20W, S33 BT.
             Land level and mountainous.
              Soil onlevel good sandy loam, 2nd rate; rocky on hills,
               4th rate.
             Timber, scattering scrub cedar.
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13inNA · 4inNE ≠ SE insU *adrant*

259

2500

Chains.	
	Undergrowth, greasewood and catclaw. Mountainous land, 50 chs.
	Mountainous land, 50 chs.
_	N.89 56'W., bet secs 33. & 4.
12.00	Over level land, scattering cedar and undergrowth. Wash, 30 lks wide, 3 ft. deep, course N.
14.00	Asc. slight E slope, 35 ft.
18.00	Ridge, NE & SW. Desc NW slope, 35 ft.
22.00	Draw, SW. Asc SE slope, 20 ft.
25.00 34.00	
40.00	Set an iron post on N bank of gulch, 3 ft. long, 1 in. in
	diam., 26 ins. in the ground, for \(\frac{1}{4}\) sec cor, marked on brass cap, 1913;
	±S33 in N, and
	S4 in S half;
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N of cor. Pits impracticable. Cloudy at moon.
_	Glumey5 at 9 in 3 on. June 6, 1913.
42.66	Rocky point, brs. N.& S, 50 lks long, 55 ft. high.
46.00	Desc 120 ft, on SW slope. Gulch, course SW.Asc SE slope, 175 ft.
55.39	Spur ridge, extends 5 chs. S. Impossible to chain from
	here. Mean of three rod readings, 4.343 ft; vertical angle, 3°; computed dist, 8.57 chs. Topography between
	stadia points, approximate. Vertical dist, 65 ft.
	Box canyon, 1 ch. wide., 150 ft deep.
	perpendicular cliff, 80 ft. high. Stadia point. Edge of precipice, 50 ft. high.
	Projecting point of rock, too small to set transit up on.
	10 lks S and W to precipice, 120 ft. high. Take transit
	ahead to ridge, set up there and statia back to this point. Mean of three rod readings, 5.902 ft; vertical
	angle. 17 computed dist. 10.62 chs: 200 ft below
75 32	point. The plus to the point occupied by transit is
15.77	At this point I set off 35 20 N on the lat. arc, 22 33 N on the decl. arc, and at 10h.0 a.m., 1.m.t.,
	I determine a meridian with the solar at this
75.55	point. Ridge, brs N. & S., "2chs. N., to a granite peak, 60 ft. high.
	Desc Sw. slope, 110 ft. to
80.00	Set an iron post, 3 ft. long, 3 ins. dia., 24 ins. in the ground, for cor. of secs. 32 \(\frac{1}{2} \) 33, 4 & 5, marked
	on brass cap,1913;
	T23N in N,
	T22N in S, and R20W in W. half;
	S32 in NW,
	S33, in NE, S4 in SE, and
.	S5 in SW quadrant;
-	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W
-	of cor. Pits impracticable. Land rolling and mountainous.
	Soil rocky 4 th rate.
	Timber scattering cedar. Undergrowth, greasewood and catclaw.
	Mountainous land, 50 chs.
4	
-	N89°56 Two bet. secs. 32 85
1. 00	Desc. W slope, 60 ft over rocky ground.
4.00 5.09	Head of canyon, course NW. Stadia point. Mean of three rod readings, 3.110 ft;
J. ()	vertical angle -5, computed dist., 6.10 chs.,
10.00	vertical dist., 35 ft. Desc W slope, 150 ft.
	Canyon, course Sw. Foot of cliff, 100 ft. high.
	Stadia point, rocky knife blade ridge, brs. N & W, about
	1 ch long. Desc precipice, 60 ft. high.
19.1	Friedlich, Our o
1	⊅

```
260
           Chains.
                       Gulch, course S; asc SE slope 65 ft.
Rocky ridge, brs. N & S.Desc SW slope, 120 ft.
              13.15
              19.00
23.00
                       Gulch, course SW. Asc. W slope, 150 ft.
                       Foot of granite peak, 80 ft. high. Top of peak, desc 210 ft.
              35.00
35.50
                       Base of peak.
              37.00
                       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;
               40.00
                            $32 in N, and S, in S half, and
                        raise a mound of stone, 2 ft. base, 1\frac{5}{2} ft high, N of
                       cor. Pits impracticable.

At this cor. I set off22 33 N on the decl. arc,
                            and at 11h 58m a.m., 1.m.t., I observe the sun on
                            the meridian; the resulting lat. is 35
                                                                                  20 N which
                            is the correct lat.
                        Granite boulder, 15 X 15 X 20 ft. on line.
Rocky ridge, NW & SE, 40 ft. below #50cor. Desc SW slope
              42.00
              46.00
                            200 ft.
              49.00 Rocky point of hill.
                       Enter Burns Spring Wash in bottom of canyon, Course NW. Leave wash, asc NE slope, 165 ft. Cliff, 60 ft. high.
              61.00
              66.00
              73.15
74.00
                        Spur ridge extends 1 ch. N.Desc NW slope, 160 ft.
                        Set an iron post, 3 ft. long, 3 ind dia., 24 ins. in the ground, for cor. of secs 31. 32,5 & 6, marked on brass
              80.00
                            cap,1913;
                            T23N in N,
T22N in S, and
                            R20W in W half;
                            S31. in NW.,
                            S32 in NE,
                            S5 in SW, and S6 in SW, quad.,
                        and raise a mound of stone, 2 ft. base, 1\frac{1}{2} ft. high
                            W. of cor. Pits impracticable.
                        Land. mountainous.
                        Soil rocky 4th rate.
No timber, scattering greasewood undergrowth.
                        Mountainous land, 80 chs.
                        N89 56. Who bet secs 6 & 31.
                        A perpendicular rocky point over which we cannot climb
                         makes it necessary to stadia from this corner.
Mean of three rod readings, 7.276 ft., vertical angle
                          0, computed dist., 14.40 chs. Intermediate topography
                          approximate.
                          Desc NW slope.
                        Gulch, course N. Asc. perpendicular rock point, 50 ft.
               4.00
                         high.
               7.00
                        Top of rocky point. Desc. cliff 60 ft. to wa
                        Burns Spring Wash, 3. chs wide, course SW Leave wash, asc E slope, 60 ft.
               7.20
             10.00
              14.40
                     Stadia point,
                        Rocky point, end of ascent. Desc SW slope 95 ft.
             18.00
                        Gulch, course S. Asc SE slope, 40 ft.
             21.15
                        Rocky ridge, brs. N & S. Desc SW slope, 30 ft. Head of gulch, course S. Thence along S slope. Desc SW slope 120 ft.
             25.00
28.00
              32.00
39.65
                        Gulch course S. Asc E slope, 15 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;
              40.00
                           AS31 in N and S 6 in S half;
                         and raise a mound of stone, 2 ft base, 1\frac{1}{2} ft. high,
                           N of cor. Pits impracticable.
                         Rocky spur ridge, brs. SE & NW, 30 ft above cor.
              41.00
                         Thence along rolling 5 slope.
              48.00
                        Desc. W slope, 105 ft.
              56.00
                        Enter wash, course S
                        Leave wash, asc. E slope, 30 ft.
              59.00
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Chains. 61.00 Rocky spur ridge, brs. N & S; extends 1 ch S. Thence over level land. Intersect the cor. of Tps. 22 & 23N., Rs. 20 & 21 W., hereinbefore 78.65 Land, rolling and mountainous. Soil, rocky 3rd and 4th rate. No timber. No undergrowth. Boundaries of T22N, R20W. Latitudes, departures and closing errors. Latitudes True Bearing Dist. Line Designated N s. bdy. T22N R20W 479.49° 480.00/ West " North-889 56 E/ South west bdy. ** 480.00 478.65 N bdy E. bdy. 480.00 Convergency Totals. Error i n lat. 0.54

U. S. Surveyor

Heurs . adste

U. S. Transitman

CERTIFICATE OF ASSISTANTS. same applies to Exteriors Book "C"

We, the undersigned, hereby cerwilliam B.Kimmel	, U. S. Surv	and H.N. Bradstre veyor, during the perio	
stated opposite our several signature	under Groupes, in surveying all tho	se parts or portions of .	
the South, West & North	/ '		
the East, South & West	bdrs. of Township	n 24 North, Range	3 West
of the Tila & Salf Piver Ba	and notes in Book Cong field notes, as havin	g been executed by	n <i>their</i> m , and under his direc-
faithfully executed.	•		•
NAME.	PERIOD O	F SERVICE. •	CAPACITY.
NAME.	Begun.	Ended.	
J. m. Ronk	May 27,1913.	June 11,1913.	Moundman
Las Grimshan	May 27, 1913.	June 19,1913.	Chainman
Wesley mullenage	May 27,1913	June 28,1913.	Chainman
Monty Miller	May 27, 1913.	June 28,1913.	Flagman Chainman
& L Mosler	May 27,1913.	June 28,1913.	Chainman
A.M. Robertson	June 21,1913.	June 28, 1913.	Moundman
H.m. Tomplein	May 27,1913.	June 28,1913.	Moundman
Samuel H Precard	May 27,1913.	June 28,1913.	Chainman

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

William B. Kimmel, U. S. Surveyor.

FINAL OATH OF UN	IITED STATES SURVEYOR.
2500 Same appines 1	and transiturar respectively
30 2 Mm B Nimmel West N. Brodst	U. S. Surveyor, do solemnly swear that, in pursuan
	Surveyor General for
bearing date of the 24 th day of 2	bri , 1913, a have well, faithfully, and trul
in may own proper persons, and in strict confo	rmity with said instructions, the Manual of Surveying
Instructions, and the laws of the United States	
Exterior Luces under Sp	27 viz: the South West and North
pours of Township 22 North, Par	nge/20 West, and the East, South and
West bodrs of Township 24 North,	Range 3 West,
·	(a · () (b)
Day and	of the
Meridian, in the State of	f which are represented
"	ted by me, and under my direction; and i do furth
solemnly swear that all the corners of said surve	ey have been established and perpetuated in strict accor
ance with the Manual of Surveying Instructions	, and the special written instructions of the U.S. Survey
General for and in	n the specific manner described in the field notes, and th
and notes in Book "C" the foregoing are the original field notes of such	a survey.
	William B. Hummel.
2. 4.0/-1	U. S. Surveyor.
Subscribed by said was Jungel H. M.	and sworn to before me) us. June
this 14th day of July	1913
	month of madels
SEAL SEAL	SURVEYOR GENERAL OF ARIZONA

	· ·
	•
APF	PROVAL.
OFFICE OF	T THE UNITED STATES SURVEYOR GENERAL,
Office of	
	Phoenix, Arizona, March 2, 1914
The foregoing field notes of the survey of	the South, West and North boundaries
LT 1: No 22 No +1 Por - 20	2116-t-64-61-151+P.
P / M . I. A . I.	ona
Dase and Meridian, Hriz	0/1.ā
·	······································
•	
executed by William B. Kimme / 11.S. SURVEYOR	and H.N. Bradstreet 11.5 TRANSITMAN
their for Group 27 about 1981 instructions dated	2, and H.N. Bradstreet, U.S. TRANSITMAN, U. 24, having be
	ons and explanations made, the said field notes, and the
	one and expressions made, one said neid notes, and b
surveys they describe, are hereby approved.	Trank Songall.

II & Salmananam Comamal

....., has been correctly copied from the original notes on file in this office.