

2828

4-679

Book "D"

— Subdivisions. —

BOOK 2828

FIELD NOTES

OF THE SURVEY OF PART OF THE

Subdivision Lines of ----- T. 3 N., R. 5 E.

Of the *Gila & Salt River Base & Meridian,*

In the State of *Arizona*

EXECUTED BY

Sidney E. Blout

In the capacity of U. S. Surveyor, under instructions dated *October 24*, 1913,

issued by the United States Surveyor General to govern surveys included in

Group No. *31*, which were approved by the Commissioner of the General Land

Office, *November 1*, 1913, pursuant to authority contained in the Act of

Congress dated *June 23, 1913*. ~~III~~

Survey commenced *April 8*, 1914.

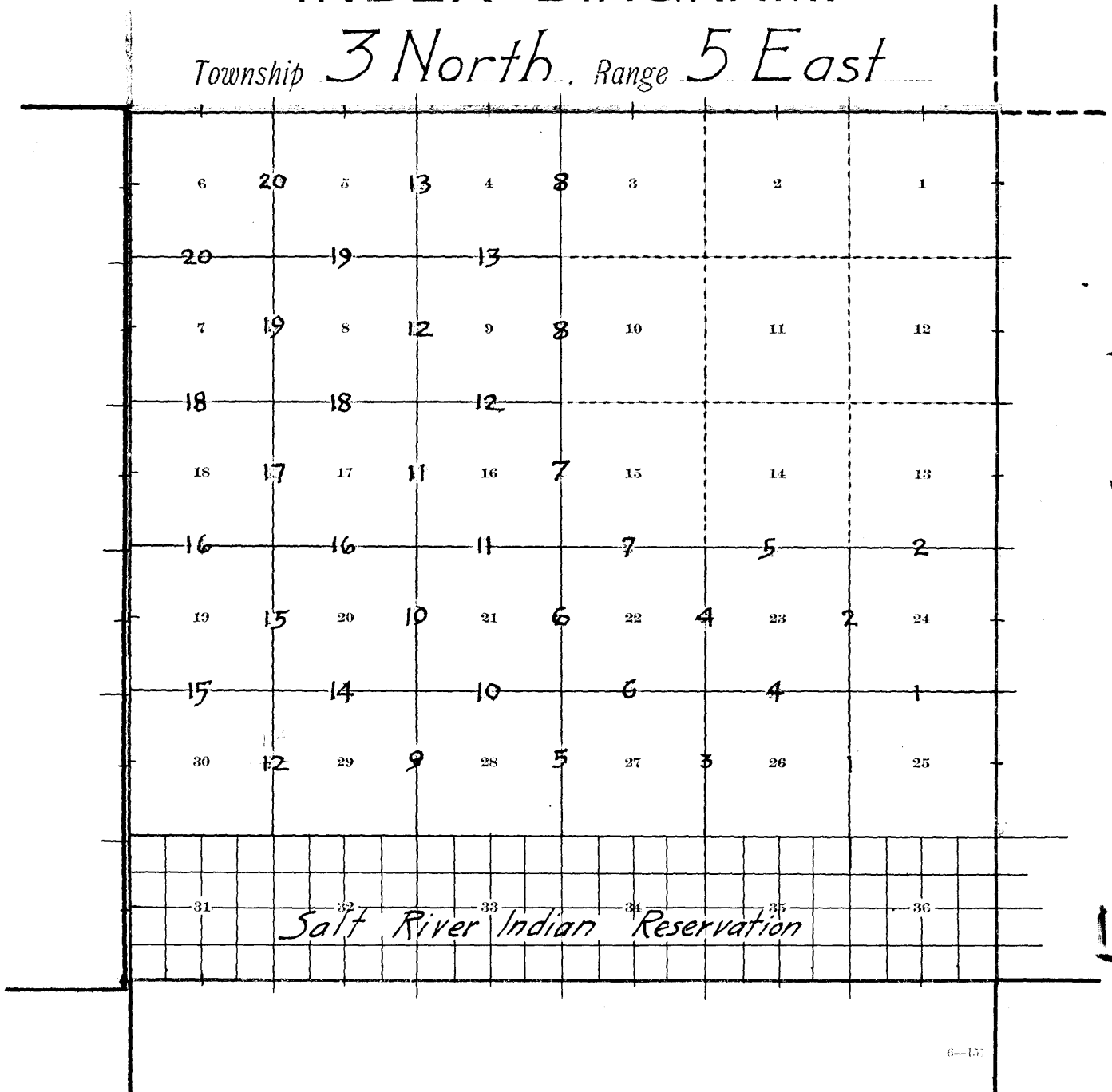
Survey completed *April 15*, 1914.

Book "D"

BOOK 2828

INDEX DIAGRAM.

Township 3 North, Range 5 East



- Notes in Book "A"
- " " " "C"
- Accepted Surveys.
- Unsurveyed.

Chains.

Survey commenced April 8, 1914, and executed with a Young and Sons' light mountain transit No. 10, described in Book "A."

I examine the adjustments of the transit, and find them correct, and from recent tests of the solar apparatus made by comparing its indications, resulting from solar observations, made during a.m. and p.m. hours, with the meridian established by Polaris observation at my camp, March 30, 1914, I know that the instrument is in satisfactory adjustment.

I begin at the cor. of secs. 25, 26, 35 and 36, which is an iron post, 1 in. in diam., 14 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General, said corner being on the north bdy. of the Salt River Indian Reservation.

At 7h. 32m. a.m., l.m.t., April 8, 1914, I set off $33^{\circ}34'N.$ on the lat. arc; $7^{\circ}04'N.$ on the decl. arc; and determine a meridian with the solar at this corner.

Thence I run, $N. 0^{\circ}01'W.$, bet. secs. 25 and 26.

Over rolling, stony valley land, slopes to the southwest, through scattering mesquite, palo verde, and ironwood timber and greasewood and cactus undergrowth, 4 to 6 ft. high.

30.19 Old wood road, brs. NE. and SW.

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,

$\frac{1}{4}$ S 26 in W.,
S 25 in E., and
1914 in S. half;

no trees within limits; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor.

52.25 Wood road, brs. NE. and SW.

62.70 Dry ravine, 20 lks. wide, 10 ft. deep, course SW.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 23, 24, 25 and 26, marked on brass cap,

T 3 N R 5 E in N., and
1914 in S. half;
S 23 in NW.,
S 24 in NE.,
S 25 in SE., and
S 26 in SW. quadrant;

no trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.

Land, rolling valley, slopes to the SW.

Soil, dry, stony clay loam, 6 to 14 ins. deep on stone and ckey subsoil.

Timber, palo verde, mesquite and ironwood.

East, on a random line, bet. secs. 24 and 25.

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

80.02 Intersect east bdy. of Tp., 8 lks. north of the cor. of secs. 19, 24, 25 and 30, established by me, as described in Book "A." Thence I run,

$N. 89^{\circ}57'W.$, on a true line, bet. secs. 24 and 25.

Over broken; stony land, slopes to the southwest, through scattering mesquite, palo verde and ironwood timber and greasewood brush undergrowth, 4 to 6 ft. high.

25.22 Wood road, brs. NE. and SW.

30.47 Dry ravine, 35 lks. wide, 10 ft. deep, course SW.

33.07 Wood road, brs. NE. and SW.

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

$\frac{1}{4}$ S 24 in N., and
S 25, 1914 in S. half;

no trees within limits; raise a mound of stone 2 ft.

2. Partial Subdivision of Township 3 North, Range 5 East.

Chains.

80.02 base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
The cor. of secs. 23, 24, 25 and 26.
Land, rolling and broken, slopes to the southwest.
Soil, poor stony clay loam, about 14 ins. deep on stony, dry
clay subsoil. No grass.
Timber, scattering palo verde, mesquite and ironwood.

N. $0^{\circ}01'W.$, bet. secs. 23 and 24.
Over rolling, stony land, through scattering palo verde,
mesquite and ironwood timber and greasewood brush
undergrowth, 4 ft. high.

8.40 Old wood road, brs. NE. and SW.

10.45 Dry ravine, 50 lks. wide, 6 ft. deep, course SW?

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,
 $\frac{1}{4}$ S 23 in W.,
S 24 in E., and
1914 in S. half;

no trees suitable for bearing trees available; raise
a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Pits impracticable.
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 13, 14, 23 and 24, marked
on brass cap,

T 3 N, R 5 E in N., and
1914 in S. half;
S 14 in NW.,
S 13 in NE.,
S 24 in SE., and
S 23 in SW. quadrant;

no trees suitable for bearing trees within limits; raise
a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor.

Pits impracticable.

Land, rolling, slopes to the south, covered with loose
malpais stone.

Soil, stony, dry clay loam about 8 ins. deep on dry
stony clay subsoil.

Light growth bunch grass.

Timber, palo verde, mesquite and ironwood.

Note: At this corner, I set off $7^{\circ}07'$ N. on the decl.
arc; and at apparent noon, observe the sun on the
meridian, the resulting latitude being $33^{\circ}35'N.$

40.00 S. $89^{\circ}57'$ E., on a random line, bet. secs. 13 and 24.
Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect the east bdy. of Tp., 3 lks. south of the cor.
of secs. 13, 18, 19 and 24 established by me, as de-
scribed in Book "A."

Thence I run,

N. $89^{\circ}58'W.$, on a true line, bet. secs. 13 and 24.

Ascend SE. slope, of spur, over mountainous land, through
scattering palo verde and mesquite timber and grease-
wood brush undergrowth, 4 ft. high.

3.00 Top of spur, brs. N. and S. Descend.

18.30 Dry ravine, 70 lks. wide, 20 ft. deep, course south. As-
cend.

33.00 Top of ascent on south face of rocky spur, brs. N.; descend.

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,
 $\frac{1}{4}$ S 13 in N., and
S 24, 1914 in S. half;

no trees large enough for bearing trees within lim-
its; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high,
north of cor. Pits impracticable.

45.40 Dry ravine, 30 lks. wide, course SW. Ascend 75 ft. to

Chains.

49.00 Point of spur, brs.NE. and SW. Descend.
 54.00 Foot of spur brs.N.and S.; leave mountainous land, brs.
 N.and S.; enter broken hilly land.
 62.60 Wood road, brs.N.and S.
 63.50 Dry ravine, 50 lks.wide, 10 ft. deep, course south.
 73.70 Dry ravine, 25 lks.wide, 10 ft. deep, course SE.
 80.00 The cor.of secs.13,14,23 and 24.
 East, 54 chs., rough mountains, soil, stony, worthless.
 West 26 chs. broken and hilly.
 Soil, poor stony, clay loam, 4 to 10 ins. deep on stony
 clay subsoil.
 Light growth bunch grass.
 Timber, scattering palo verde, mesquite and ironwood.
Note: There being no agricultural land north of the
 corner of secs.13,14,23 and 24 in the first tier of
 secs., I discontinue subdivision at this point.
 April 8, 1914.

April 8, 1914: At 2h.02m. p.m., l.m.t., I set off $33^{\circ}34'$
 N. on the lat.arc; $7^{\circ}09'N.$ on the decl.arc; and de-
 termine a meridian with the solar at the cor.of secs.
 26,27, 34 and 35, which is an iron post, 1 in. in
 diam., with brass cap, 12 ins. above ground, firmly
 set, marked and witnessed as described by the Sur-
 veyor General, said cor. being on the north bdy.of
 the Salt River Indian Reservation.

Thence I run,
 $N.0^{\circ}1'W.$, bet. secs.26 and 27.
 Over broken, stony valley land, through scattering palo
 verde, mesquite and ironwood timber, and greasewood
 brush undergrowth, 4 ft. high.

5.40 Dry ravine, 12 lks.wide, 10 ft. deep, course SW?
 10.00 Dry ravine, 10 lks.wide, 10 ft. deep, course SW.
 19.80 Dry ravine, 20 lks.wide, 15 ft. deep, course $S.50^{\circ}W.$
 24.60 Old wood road, brs.NE. and SW.
 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,
 $\frac{1}{4}$ S 27 in W.,
 S 26 in E., and
 1914 in S.half;
 no trees suitable for bearing trees within limits;
 raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft. high, west of
 corner.

Pits impracticable.
 64.30 Old wood road, brs.E.and W.
 68.50 Dry ravine, 120 lks.wide, 6 ft. deep, course SW?
 80.00 Set 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,
 $T 3 N R 5 E$ in N., and
 1914 in S.half;
 S 22 in NW.,
 S 23 in NE.,
 S 26 in SE., and
 S 27 in SW.quadrant;
 no trees suitable for bearing trees within limits;
 raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W.of
 cor.

Pits impracticable.
 Land, rolling and broken, slopes to the SW.
 Soil, poor, dry, stony, clay loam about 8 ins. deep on dry
 stony clay loam, and stone subsoil.
 Light growth bunch grass.
 Timber, scattering palo verde, mesquite and ironwood.

4. Partial Subdivision of Township 3w North Range 5 East.
Chains.

- 40.00 S. $89^{\circ} 57'$ E., on a random line, bet. secs. 23 and 26.
Set temp. $\frac{1}{4}$ sec. cor.
- 79.92 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 23, 24, 25 and 26.
Thence I run,
S. $89^{\circ} 58'$ W., on a true line, bet. secs. 23 and 26.
Over rolling and broken stony valley land, slopes to the south, through scattering palo verde, mesquite and ironwood timber, and greasewood brush undergrowth, 3 ft. high.
- 14.05 Old wood road, brs. NE. and SW.
- 16.11 Dry ravine, 30 lks. wide, 8 ft. deep, course SW.
- 28.56 Old wood road, brs. NE. and SW.
- 29.90 Dry ravine, 15 lks. wide, 6 ft. deep, course SW.
- 38.50 Wood road, brs. N. 20° E. and S. 20° W.
- 39.96 Set an iron post 3 ft. long, 1 in. in diam.; 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap,
 $\frac{1}{4}$ S 23 in N., and
S 26, 1914 in S. half;
no trees suitable for bearing trees within limits;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of corner. Pits impracticable.
- 52.67 Dry ravine, 20 lks. wide, 4 ft. deep, course S. 50° W.
- 57.12 Wood road, brs. N. and S.
- 58.15 Dry ravine, 30 lks. wide, 4 ft. deep, course SW.
- 79.92 The cor. of secs. 22, 23, 26 and 27.
Land, rolling and broken, slopes to the south.
Soil, stony clay loam, 4 to 12 ins. deep on dry stony clay subsoil.
Light growth bunch grass.
Timber, scattering palo verde, mesquite and ironwood.
-
- N. $0^{\circ} 01'$ W., bet. secs. 22 and 23.
Over broken stony valley land, through scattering palo verde, mesquite and ironwood timber, and greasewood brush undergrowth, 4 ft. high.
- .25 Wood road, brs. NE. and SW.
- 29.40 Wood road, brs. NW. and SE.
- 38.20 Dry sand wash, 40 lks. wide, 4 ft. deep, course SW.
- 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,
 $\frac{1}{4}$ S 22 in W.,
S 23 in E., and
1914 in S. half;
no trees suitable for bearing trees within limits;
raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.
- 67.95 Wood road, brs. NE. and SW.
- 80.00 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,
T 3 N R 5 E in N., and
1914 in S. half;
S 15 in NW.,
S 14 in NE.,
S 23 in SE., and
S 22 in SW. quadrant;
no trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.
Land, rolling and broken, stony valley land, slopes to the southwest.
Soil, poor, stony clay loam, with some gravel about 8 ins. deep on dry clay and gravel subsoil.
Light growth bunch grass.
Timber, scattering palo verde, mesquite and ironwood.
-

Partial Subdivision of Township 3 North, Range 5 East 5

Chains.

N.89° 58'E., on a random line, bet. secs.14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.86 Intersect N. and S. line, at the cor.of secs.13, 14,,23
 and 24.
 Thence I run,
 S.89°58'W. on a true line, bet. secs.14 and 23.
 Over rolling, stony land, along the foot of the McDowell
 range of mountains, through scattering palo verde,
 mesquite and ironwood timber, and greasewood brush un-
 dergrowth, 4 ft. high.
 29.95 Old wood road, brs.N.and S.
 31.50 Old wood road, brs.NE. and SW.
 39.93 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in
 the ground for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 14 in N., and
 S 23, 1914 in S.half;
 no trees suitable for bearing trees within limits; raise
 a mound of stone 2 ft.base, $1\frac{1}{2}$ ft. high, north of cor.
 Pits impracticable.
 45.75 Dry sand wash,180 lks.wide, banks 4 ft.high, course S.60°
 W.
 50.20 Old wood road, brs.NE. and SW.
 70.40 Dry sand wash, 20 lks.wide, 4 ft. deep, course SW.
 79.86 The cor.of secs. 14,15, 22 and 23.
 Land, rolling valley, slopes to the southwest.
 Soil,poor, dry stony clay loam, about 8 ins.deep on dry
 stony, clay subsoil.
 Light growth bunch grass.
 Timber, scattering palo verde, mesquite and ironwood.
 Note: There being no more land suitable for agricul-
 tural purposes north of the cor.ofsecs.14,15,22 and
 23 in the second tier of secs., I discontinue the
 subdivisions at this cor.
 April 8, 1914.

April 9,1914: At 7h. 32m. a.m.,1.m.t., I set off 33°
 34'N. on the lat.arc; 7°26'N. on the decl.arc; and
 determine a meridian with the solar at the cor.of secs.
 27,28,33 and 34, which is an iron post 1 in. in diam.,
 14 ins. above ground, loosely set, marked and witness-
 ed as described by the Surveyor General, said cor.being
 on the north bdy. of the Salt River Indian Reserva-
 tion.
 Thence I run,
 N.0°02'W., bet. secs.27 and 28.
 Over nearly level sandy valley land, through scattering
 palo verde and mesquite timber and greasewood brush
 undergrowth, 2 ft.high.
 .40 The SE. cor.of wife fence, brs.west, and N.0°07'E.
 20.85 Dry ravine, 10 lks.wide, $1\frac{1}{2}$ ft. deep, course west.
 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
 $\frac{1}{4}$ S 28 in W.,
 S 27 in E., and
 1914 in S.half;
 no trees within limits; dig pits 18x18x12 ins., N.
 and S.of post 3 ft. dist., and raise a mound of earth
 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor.
 75.05 Dry ravine, 10 lks.wide, 2 ft. deep, course S.50°W.
 80.00 Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in
 the ground for cor.of secs. 21,22,27 and 28, marked
 on brass cap,
 T 3 N R 5 E on N., and
 1914 in S.half;
 S 21 in NW.,
 S 22 in NE.,
 S 27 in SE., and
 S 28 in SW.quadrant;

6. Partial Subdivision of Township 3 North, Range 5 East.

Chains.

- no trees within limits; dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base. 2 ft. high, west of cor.
Land, rolling valley, drains to the southwest.
Soil, medium rich coarse dry sandy and gravelly clay loam, about 24 ins. deep on dry gravelly clay subsoil.
Light growth bunch grass.
Timber, scattering mesquite, palo verde and ironwood.
-
- 40.00 East, on a random line, bet. secs. 22 and 27.
Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. and S. line, 18 lks. north of the cor. of secs. 22, 23, 26 and 27.
Thence 1 run,
N. $89^{\circ}52'W.$, on a true line, bet. secs. 22 and 27.
Over rolling, sandy and stony land, through scattering palo verde, mesquite, and ironwood timber, and grease-wood brush undergrowth 4 ft. high.
.75 Wood road, brs. NE. and SW.
19.35 Wood road, brs. N. $50^{\circ}E.$ and S. $50^{\circ}W.$
39.10 Dry ravine, 25 lks. wide, 8 ft. deep, course S. $50^{\circ}W.$
40.01 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 22 in N., and
S 27 1914 in S. half;
no trees suitable for bearing trees within limits; dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, north of cor.
42.90 Wood road, brs. NE. and SW.
48.20 Dry ravine, 25 lks. wide, 6 ft. deep, course SW.
57.35 Dry ravine, 20 lks. wide, 4 ft. deep, course SW.
77.15 Dry ravine, 10 lks. wide, $2\frac{1}{2}$ ft. deep, course SW.
79.73 Wire fence brs. N. $0^{\circ}07' E.$ and S. $0^{\circ}07' W.$
80.02 The cor. of secs. 21, 22, 27 and 28.
Land, rolling valley, drains to the SW.
Soil, medium rich coarse dry gravelly and stony clay loam 4 to 22 ins. deep on dry stony clay subsoil.
Light growth bunch grass.
Timber, scattering palo verde, mesquite and ironwood.
-
- N. $0^{\circ}02' W.$, bet. secs. 21 and 22.
Over rolling, gravelly and stony valley land, slopes to the southwest, through scattering palo verde and mesquite timber and greasewood brush undergrowth, 4 ft. high.
.70 Wire fence brs. E. and W.
12.15 Dry ravine, 6 lks. wide, 3 ft. deep, course SW.
16.60 Old wood road, brs. E. and W.
30.60 Dry ravine, 10 lks. wide, 2 ft. deep, course west.
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,
 $\frac{1}{4}$ S 21 in W.,
S 22 in E., and
1914 in S. half;
no trees within limits; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.
59.50 Wood road, brs. NE. and SW.
76.30 Wood road brs. NE. and SW.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked on brass cap,
T 3 N, R 5 E in N., and

Chains

1914 in S. half;
S 16 in NW.,
S 15 in NE.
S 22 in SE.; and
S 21 in SW. quadrant;

no trees within limits suitable for bearing trees;
raise a mound of stone 2 ft. base, 1 1/2 ft. high, west of
corner. Pits impracticable.

Land, rolling, slopes to the SW.
Soil, dry, sandy and stony clay loam, about 16 ins. deep,
on dry, stony clay subsoil.

Timber, scattering palo verde, mesquite and ironwood.

Note: At this cor., I set off 7°29 1/2' N. on the decl. arc;
and at apparent noon, observe the sun on the meridian,
the resulting latitude being 33°35 1/2' N.

40.00 S. 89°52' E., on a random line, bet. secs. 15 and 22.
80.01 Set temp. 1/4 sec. cor.
Intersect N. and S. line at the cor. of secs. 14, 15, 22 and
23.

Thence Iron,
N 89°52' W., on a true line, bet. secs. 15 and 22.
Over rolling, stony valley land, slopes to the SW., through
scattering mesquite, palo verde and ironwood timber and
greasewood brush undergrowth, 3 ft. high.

28.90 Dry sand wash, 25 lks. wide, 6 ft. deep, course S. 50° W.
40.005 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for 1/4 sec. cor., marked on brass cap,
1/4 S 15 in N., and
S 22 1914 in S. half;

no trees within limits; raise a mound of stone 2 ft.
base, 1 1/2 ft. high, north of cor.

Pits impracticable.

73.50 Wood road, brs. NE. and SW.
80.01 The cor. of secs. 15, 16, 21 and 22.

Land, rolling valley, drains to the SW.
Soil, poor, dry, stony clay loam, 4 to 12 ins. deep on
dry, stony, clay subsoil.

Light growth bunch grass.
Timber, scattering mesquite, palo verde and ironwood.

N. 0°02' W., bet. secs. 15 and 16.
Over rolling, sandy and gravelly valley land, slopes to
the south, through scattering palo verde, mesquite,
and ironwood timber and greasewood brush undergrowth,
3 ft. high.

8.50 Dry ravine, 20 lks. wide, 10 ft. deep, course S. 50° W.
38.50 Foot of spur of the McDowell Mountains; leave rolling
valley land; ascend steep SE. slope of spur, over
mountainous land; covered with malpais boulders;
leave timber, brs. NE. and SW.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for 1/4 sec. cor., marked on brass cap,
1/4 S 16 in W.;
S 15 in E.; and
1914 in S. half;

raise a mound of stone 2 ft. base, 1 1/2 ft. high, west
of cor. Pits impracticable. Ascend 350 ft. to

64.170 Top of spur, brs. E. and SW.; descend abruptly over NW.
slope.

74.00 Foot of abrupt descent; leave mountainous land, brs.
E. and W.; enter broken, stony valley land.

77.80 Dry ravine, 15 lks. wide, 15 ft. deep, course S. 60° W?

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

8. Partial Subdivision of Township 3 North, Range 5 East.
Chains.

in the ground for cor. of secs. 9, 10, 15 and 16, marked on brass cap,

T 3 N R 5 E in N., and
1914 in S. half;
S 9 in NW.
S 10 in NE.
S 15 in SE.; and
S 16 in SW. quadrant;

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

Land, rolling and mountainous.

Soil, south 38 chs. dry, stony clay loam, about 8 ins. deep on stony clay and gravelly clay subsoil.

Soil of the north 42 chs., worthless.

Light growth bunch grass.

Timber, scattering palo verde, mesquite and ironwood.

April 9, 1914.

April 13, 1914: At lh. 45m. p.m., l.m.t., I set off $33^{\circ} 36\frac{1}{2}'$ N. on the lat. arc; $8^{\circ} 59'$ N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 9, 10, 15 and 16.

Thence I run,

N. $0^{\circ} 02'$ W., bet. secs. 9 and 10.

Over rolling, stony land, slopes to the SW., through palo verde and mesquite timber and greasewood brush undergrowth, 4 ft. high.

11.45 Dry sand wash, 30 lks. wide, 10 ft. deep, course SW.

30.90 Dry sand wash, 15 lks. wide, 8 ft. deep, course SW.

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,

$\frac{1}{4}$ S 9 in W.,
S 10 in E., and
1914 in S. half;

no trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of corner. Pits impracticable.

42.15 Dry sand wash, 100 lks. wide, 20 ft. deep, course west; ascend steep south slope of ridge.

52.80 Top of ridge, brs. NE. and SW. Descend along NW. slope.

59.20 At this point, the slope changes from gradual to steep.

66.20 Dry ravine, 15 lks. wide, course west. Ascend.

80.00 Set an iron post, 3 ft. long, 2 in. in diam., 24 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

T 3 N R 5 E in N., and
1914 in S. half;
S 4 in NW.
S 3 in NE.
S 10 in SE.; and
S 9 in SW. quadrant;

no trees within the prescribed limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, hilly, slopes to the SW.

Soil, poor, dry, stony clay loam, about 8 ins. deep on stony clay subsoil.

Light growth bunch grass.

Timber, scattering palo verde, mesquite, and ironwood.

N. $0^{\circ} 02'$ W., on a random line, bet. secs. 3 and 4.

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

77.54 Intersect north bdy. of Tp., 12 lks. east of the cor. of secs. 3, 4, 33 and 34, established by me, as described in Book "A."

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Chains.

Thence I run,
 S.0° 07' E., on a true line, bet. secs.3 and 4.
 Descend SE. slope, over stony hilly land, through scattering mesquite and palo verde timber and greasewood brush undergrowth, 3 ft. high.

8.10 Dry ravine, 15 lks.wide, 15 ft. deep, course SW. Ascend NW. slope of spur, over mountainous land, covered with loose malpais boulders. Ascend 200 ft. to

25.75 Top of spur, brs.NE. and SW. Descend over steep SE. slope.

37.54 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 4 in W.,
 S 3 in E., and
 1914 in S.half;
 no trees suitable for bearing trees within limits;
 raise a mound of stone 2 ft.base, $1\frac{1}{2}$ ft.high, west of corner. Pits impracticable.

Leave mountainous land, brs.NE. and SW., over hilly land.

46.72 Dry ravine, 25 lks.wide, 20 ft. deep, course SW.

52.50 Dry ravine, 25 lks.wide, 20 ft. deep, course S.70°W.

74.92 Dry ravine, 20 lks.wide, 20 ft. deep, course west.

77.54 The cor.of secs.3,4,9 and 10.
 North, 37.54 chs. hilly and mountainous.
 Soil, worthless, stony clay loam.
 South, 40 chs. rolling and hilly, slopes gradual, covered with loose stone.
 Soil, dry, stony clay loam, about 8 ins. deep on dry stony clay subsoil.
 Timber, scattering palo verde, mesquite and ironwood.
 April 13, 1914.

April 10, 1914a At 7h. 15m., a.m., l.m.t., I set off 33° 34' N. on the lat.arc; 7° 48' N. on the decl.arc; and determine a meridian with the solar at the cor.of secs.28,29, 32 and 33, which is an iron post 1 in. in diam., with brass cap, 14 ins. above ground, marked and witnessed as described by the Surveyor General, said corner being on north bdy. of the Salt River Indian Reservation.

Thence I run,
 N.0° 02' W., bet. secs.28 and 29.
 Over rolling, sandy valley land, through scattering mesquite timber, and greasewood brush undergrowth, 4 ft. high.

.25 Road from S.A.Allen's house to Phoenix, Arizona, brs.NE. and SW.

.42 Wire fence brs.E.and W.

8.35 Dry sand wash, 5 lks.wide, $1\frac{1}{2}$ ft. deep, course west.

30.00 Wire fence brs.N.1°E. and S.1°W.

40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 29 in W.,
 S 28 in E., and
 1914 in S.half;
 no trees within limits; dig pits 18x18x12 ins., N. and S.of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor.

40.33 Wire fence brs.E.and W.

60.65 Dry sand wash 15 lks.wide, 2 ft. deep, course west.

80.00 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 on brass cap,
 T 3 N R 5 E in N., and
 1914 in S.half;
 S 20 in NW.
 S 21 in NE.,
 S 28 in SE., and
 S 29 in SW.quadrant;

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Chains.

- no trees within limits; dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, west of cor.
Land, nearly level valley, drains to the west and southwest.
Soil, medium rich dry sandy loam, 8 to 24 ins. deep on dry, clay subsoil.
Light growth bunch grass.
Timber, scattering mesquite.
-
- 40.00 S. $89^{\circ}59'E.$, on a random line, bet. secs. 21 and 28.
Set temp. $\frac{1}{4}$ sec. cor.
79.74 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 21, 22, 27 and 28.
Thence I run,
N. $89^{\circ}57'W.$, on a true line, bet. secs. 21 and 28.
Over rolling, sandy valley land, drains to the SW., through scattering greasewood brush undergrowth, 4 ft. high, parallel to fence, north of line.
9.59 Dry ravine, 6 lks. wide, 2 ft. deep, course SW.
21.44 Dry ravine, 5 lks. wide, 2 ft. deep, course SW.
39.87 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 21 in N., and $\frac{1}{4}$ S 28, 1914 in S. half;
dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, north of cor. Thence parallel to road north of line.
44.00 Cor. of wire fence brs. N. 70 lks. dist., from which fences run N. and E.
46.14 S. A. Allen's house brs. south 15 lks. dist.
69.74 SE. cor. of wire fence brs. north 52 lks. dist.
78.89 Wire fence brs. N. and S.
79.74 The cor. of secs. 20, 21, 28 and 29.
Land, rolling, valley, drains to the SW.
Soil, rich fine dry sandy loam, about 36 ins. deep on dry, clay subsoil.
Light growth bunch grass.
No timber.
-
- N. $0^{\circ}02'W.$, bet. secs. 20 and 21.
Over rolling, sandy valley land, drains to the southwest, through scattering palo verde, mesquite and ironwood timber and greasewood brush undergrowth, 3 ft. high.
.40 Road from S. A. Allen's house to Phoenix, Arizona, brs. E. and W.
.52 Wire fence brs. E. and W.; leave undergrowth; enter plowed field, brs. east 10 chs., and west 5 chs. dist.
10.43 Wire fence brs. east 10 chs., and west 5 chs. dist.; leave cultivated land, brs. E. and W.; enter scattering timber and undergrowth, brs. E. and W.
34.95 Dry sand wash, 15 lks. wide, 2 ft. deep, course SW.
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, $\frac{1}{4}$ S 20 in W., $\frac{1}{4}$ S 21 in E., and 1914 in S. half;
dig pits 18x18x12 ins., N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor. No trees large enough for bearing trees within limits.
40.97 Wire fence brs. E. and W.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in

Partial Subdivision of Township 3 North, Range 5 East, 11.

Chains.

the ground for cor. of secs. 16, 17, 20 and 21, marked on brass cap,

- T 3 N R 5 E in N., and
- 1914 in S. half;
- S 17 in NW.,
- S 16 in NE.,
- S 21 in SE., and
- S 20 in SW. quadrant;

no trees large enough for bearing trees within limits; dig pits 18x18x12 ins., in each 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W of cor. Land, rolling valley, drains to the SW. Soil, rich fine dry sandy loam about 24 ins. deep on dry, gravelly, clay subsoil. Light growth bunch grass. Timber, scattering mesquite, palo verde and ironwood.

40.00
79.70

S. 89° 57' E., on a random line, bet. secs. 16 and 21. Set temp. 1/4 sec. cor. Intersect N. and S. line, 10 lks. N. of the cor. of secs. 15, 16, 21 and 22.

Thence I run, N. 89° 53' W., on a true line, bet. secs. 16 and 21. Over rolling, stony valley land, through scattering mesquite and palo verde timber, and greasewood brush undergrowth, 4 ft. high.

2.20
3.80
38.05
39.85

Wood road, brs. NE. and SW. Dry sand wash, 10 lks. wide, 4 ft. deep, course SW. Dry sand wash, 10 lks. wide, 4 ft. deep, course south. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

- 1/4 S 16 in N., and
- S 21, 1914 in S. half;

no trees within limits; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, north of cor.

68.80
79.70

Note: At this corner at apparent noon, I set off 7° 52' N. on the decl. arc, and observe the sun on the meridian; the resulting latitude being 33° 35 1/2' N.

Wood road, brs. NE. and SW. The cor. of secs. 16, 17, 20 and 21. Land, rolling valley, drains to the SW. Soil, poor dry stony clay loam, about 30 ins. deep on dry, stony clay subsoil. Light growth bunch grass. Timber, scattering mesquite, palo verde and ironwood.

10.30
40.00

N. 0° 02' W., bet. secs. 15 and 17. Over rolling, stony valley land, drains to the SW., through scattering palo verde, mesquite, and ironwood timber, and greasewood brush undergrowth, 4 ft. high.

Dry sand wash, 10 lks. wide, 3 ft. deep, course SW. Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

- 1/4 S 17 in W.,
- S 16 in E., and
- 1914 in S. half;

no trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

50.20
80.00

Dry sand wash, 20 lks. wide, 4 ft. deep, course SW. Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 8, 9, 16 and 17, marked on brass cap,

- T 3 N R 5 E in N., and
- 1914 in S. half;
- S 8 in NW.,

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Chains.

- S 9 in NE.
S 16 in SE., and
S 17 in SW. quadrant;
no trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.
Land, rolling valley, drains to the SW.
Soil, poor stony clay loam, 12 to 16 ins. deep on dry stony clay subsoil.
Timber, scattering mesquite, palo verde and ironwood.
-
- 40.00 S. $89^{\circ}53'$ E., on a random line, bet. secs. 9 and 16.
Set temp. $\frac{1}{4}$ sec. cor.
79.72 Intersect N. and S. line, 23 lks. south of the cor. of secs. 9, 10, 15 and 16.
Thence I run,
S. $89^{\circ}57'$ W., on a true line, bet. secs. 9 and 16.
Descend gradually over rolling west slope, through mesquite and palo verde timber and greasewood brush undergrowth.
18.70 Dry ravine, 30 lks. wide, course SW.
39.86 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 9 in N., and
S 16 1914 in S. half;
no trees suitable for bearing trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
74.60 Old Verde canal, 35 lks. wide, course N. $18\frac{1}{2}^{\circ}$ W.
79.72 The cor. of secs. 8, 9, 16 and 17.
Land, rolling, slopes to the west.
Soil, stony, dry, clay loam, 6 to 12 ins. deep on dry stony. clay subsoil.
No grass.
Timber, scattering mesquite, palo verde and ironwood.
April 10, 1914.
-
- April 13, 1914. At 8h.15m., a.m., l.m.t., I set off 33° $36\frac{1}{2}'$ N. on the lat. arc; $8^{\circ}54\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 8, 9, 16 and 17.
Thence I run,
N. $0^{\circ}02'$ W., bet. secs. 8 and 9.
Over rolling, stony valley land, slopes to the west, through scattering palo verde, mesquite and ironwood timber and greasewood brush undergrowth, 4 ft. high.
.95 Dry sand wash, 20 lks. wide, 4 ft. deep, course S. 50° W.
9.20 Old Verde Canal, 40 lks. wide, course N. 41° W.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S 8 in W.,
S 9 in E., and
1914 in S. half;
no trees within limits; raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.
40.45 Dry sand wash, 10 lks. wide, 6 ft. deep, course NW.
64.55 Dry sand wash, 20 lks. wide, 6 ft. deep, course SW.
68.80 Old wood road, brs. NE. and SW.
72.60 Dry sand wash, 35 lks. wide, course S. 50° W.
75.40 Dry sand wash, 20 lks. wide, 5 ft. deep, course S. 40° W., joins the preceding wash, 80 lks. west of line.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 4, 5, 8 and 9, marked on brass cap,
T 3 N R 5 E in N., and
1914 in S. half;

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Chains.

- S 5 in NW.,
- S 4 in NE.,
- S 9 in SE., and
- S 8 in SW. quadrant;

no trees large enough for bearing trees within limits;
 raise a mound of stone 2 ft. base, 1½ ft. high, west
 of cor. Pits impracticable.

Land, rolling valley, slopes to the west.
 Soil, poor dry, stony clay loam, about 6 to 14 ins. deep
 on dry, stony clay subsoil.
 Light growth bunch grass.
 Timber, scattering mesquite, palo verde and ironwood.

40.00
79.72

N. 89° 57' E. on a random line, bet. secs. 4 and 9.
 Set temp. sec. cor.
 Intersect N. and S. line, 18 lks. north of the corner of
 secs. 3, 4, 9 and 10.

39.86

Thence I run,
 N. 89° 55' W. on a true line, bet. secs. 4 and 9.
 Over rolling, stony valley land, slopes to the west,
 through scattering palo verde, mesquite and ironwood
 timber and greasewood brush undergrowth, 4 ft. high.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 4 in N., and
 S 9, 1914 in S. half;

no trees within limits; dig pits 18x18x12 ins., E.
 and W. of post, 3 ft., and raise a mound of earth 3½
 ft. base, 1½ ft. high, north of cor.

Note: At this cor., I set off 8° 58' N. on the decl. arc;
 and at apparent noon, observe the sun on the meridian;
 the resulting latitude being 33° 38' N.

64.00
70.35
77.70

Old wood road brs. NE. and SW.
 Dry sand wash, 30 lks. wide, banks 15 ft. high, course SW.
 Dry sand wash, 20 lks. wide, banks 15 ft. high, course S.
 60° W.

79.72

The cor. of secs. 4, 5, 8 and 9.
 Land, rolling, stony valley, slopes to the west.
 Soil, dry, stony clay loam, 4 to 12 ins. deep on dry
 stony clay subsoil.
 Light growth bunch grass.
 Timber, scattering mesquite, palo verde and ironwood.
 April 13, 1914.

40.00
77.44

April 15, 1914: At 10h. 30m., a.m., l.m.t., I set off
 33° 37½' N. on the lat. arc; 9° 39½' N. on the decl. arc;
 and determine a meridian with the solar at cor. of secs.
 4, 5, 8 and 9. Thence I run,

N. 0° 02' W., on a random line, bet. secs. 4 and 5.
 Set temp. sec. cor.

Intersect N. bdy. of Tp., 38 lks. east of the cor. of secs.
 4, 5, 8 and 9, established by me, as described in
 Book "A."

Thence I run,
 S. 0° 19' E., on a true line, bet. secs. 4 and 5.
 Over rolling, stony, valley land, slopes to the SW.,
 through scattering palo verde, mesquite and ironwood
 timber and greasewood brush undergrowth, 3 to 6 ft.
 high.

6.05
30.15
37.44

Dry ravine 15 lks. wide, 5 ft. deep, course SW.
 Dry ravine, 20 lks. wide, 6 ft. deep, course SW.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec. cor., marked on brass cap,
 ¼ S 5 in W.,
 S 4 in E., and

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Chains.

1914 in S. half; from which,
 An ironwood, 7 ins. in diam., brs. S. $62\frac{1}{2}^{\circ}$ E., 121
 lks. dist., marked S 4 B T.
 No other trees available. Raise a mound of stone 2 ft.
 base, $1\frac{1}{2}$ ft. high, west of cor. Pits impracticable.
 54.59 Dry sand wash. 20 lks. wide, 6 ft. deep, course S. 60° W.
 77.44 The cor. of secs. 4, 5, 8 and 9.
 Land, rolling valley, slopes to the SW.
 Soil, poor, stony clay loam, 6 to 18 ins. deep on dry
 clay subsoil.
 Light growth bunch grass.
 Timber, scattering palo verde, mesquite and ironwood.
 April 15, 1914.

April 11, 1914: At 7h. 01m. a.m., l.m.t., I set off 33°
 $34'$ N. on the lat. arc; $8^{\circ}10\frac{1}{2}'$ N. on the decl. arc; and
 determine a meridian with the solar at the cor. of
 secs. 29, 30, 31 and 32, which is an iron post 1 in. in
 diam., with brass cap, 12 ins. above ground, firmly
 set, marked and witnessed as described by the Surveyor
 General, said corner being on the north bdy. of the
 Salt River Indian Reservation.

Thence I run,
 N. $0^{\circ}03'$ W., bet. secs. 29 and 30.
 Over rolling, sandy valley land, along highway, through
 scattering greasewood brush undergrowth, 3 ft. high.
 .32 Wire fence brs. E. and W.
 37.00 J. L. Conrad's house brs. east 4 chs.
 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,
 $\frac{1}{4}$ S 30 in W.,
 S 29 in E., and
 1914 in S. half;
 dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist.,
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 west of cor.

From this corner J. J. J. Graham's house brs. N. $42\frac{1}{2}^{\circ}$ E., 220
 lks. dist., and
 A deserted adobe house brs. N. 79° E., 120 lks. dist.
 40.30 Wire fence brs. E. and W. at the SW. corner of cultivated
 field, extends east 20.00 chs.

The NW. corner of cultivated field.
 48.50 Wire fence brs. E. and W.
 79.75 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 80.00 the ground for cor. of secs. 19, 20, 29 and 30, marked
 on brass cap,

T 3 N R 5 E in N., and
 1914 in S. half;
 S 19 in NW.
 S 20 in NE.;
 S 29 in SE.; and
 S 30 in SW. quadrant;
 dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist.,
 and raise a mound of earth 4 ft. base, 2 ft. high, west
 of cor.
 Land, rolling valley, drains to the SW.
 Soil, rich, fine dry sandy loam, 24 ins. deep on dry
 clay subsoil.
 Light growth bunch grass.
 No timber.

S. $89^{\circ}55'$ E., on a random line, bet. secs. 20 and 29.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line; 10 lks. N. of the cor. of secs.
 20, 21, 28 and 29.

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Chains.

Thence I run,
N.89° 51' W. on a true line, bet. secs.20 and 29.
Over rolling, sandy valley land, through scattering palo verde and ironwood timber and greasewood brush undergrowth, 3 ft.high.

15.20 Dry ravine, 15 lks.wide, 3 ft. deep, course SW.
39.44 Wire fence, brs.N.and S.
40.01 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 20 in N., and
S 29, 1914 in S.half;
no trees suitable for bearing trees within limits; dig pits 18x18x12 ins., E.and W.of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N.of cor.

40.87 Dry ravine, 15 lks.wide, 2 ft. deep, course SW.
80.02 The cor.of secs.19,20,29 and 30.
Land, rolling valley, drains to the SW.
Soil, rich fine dry sandy loam, 12 ins. deep on dry sandy clay subsoil.
Light growth bunch grass.
Timber, scattering palo verde and mesquite.

West, on a true line, bet. secs.19 and 30.
Over nearly level sandy valley land, through greasewood and mesquite brush undergrowth 4 ft.high.

.25 Wire fence, 40 lks.S. of the NE. cor., brs.N. and S.
24.10 Wire fence brs.N.85°E., and S.85°W.
40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap,
 $\frac{1}{4}$ S 19 in N., and
S 30, 1914 in S.half;
dig pits 18x18x12 ins., E.and W.of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, north of cor.

49.25 Dry gulch, 10 lks.wide, $2\frac{1}{2}$ ft. deep, course S.15°W.
53.20 Dry gulch, 10 lks.wide, 3 ft. deep, course S.20°W.
72.45 Wire fence brs.N.and S.
73.25 H. E. Pierce's house brs.north 8 lks.dist.
79.20 Wire fence brs.N.and S.
79.45 Road to Phoenix, Arizona, brs.N.and S.
79.48 Intersect the west bdy, of the Tp., 294 lks.N.0°16'E. of the cor.of secs. 24 and 25, T.3 N., R.4 E., which I reestablished March 11, 1914, as described in Book "C." At point of intersection,
Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for closing cor.of secs.19 and 30, marked on brass cap,
C C E of center,
T 3 N in N.,
1914 in S., and
S 24, S 25, R 4 E in W.half;
S 19 in NE., and
S 30, R 5 E in SE.quadrant;
dig pits 24x18x12 ins., crosswise on each line, N. and S.3 ft., and E.of post 7 ft.dist., and raise a mound of earth 4 ft.base, 2 ft.high, E.of cor.
Land, rolling valley, drains to the SW.
Soil, rich fine dry sandy loam, about 24 ins. deep on dry clay subsoil.
Light growth bunch grass.
No timber.

N.0° 03' W., bet. secs.19 and 20.
Over rolling, sandy valley land, through scattering mesquite and palo verde timber, and greasewood brush undergrowth, 4 ft.high.

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| Chains. | |
|---------|---|
| 1.00 | Wire fence brs.E.and W. |
| 21.50 | Joseph Morgan's house bears east 10.00 chs.dist. |
| 31.60 | Wire fence brs.N.1°E. and S.1°W. |
| 40.00 | Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 19 in W., S 20 in E., and 1914 in S.half; no trees suitable for bearing trees within limits; dig pits 18x18x12 ins., N.and S.of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, west of cor. |
| 80.00 | 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 on brass cap, T 3 N R 5 E in N., and 1914 in S.half; S 18 in NW., S 17 in NE., S 20 in SE., and S 19 in SW.quadrant; no trees within limits; dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft.base, 2 ft. high, west of corner. Land, nearly level valley, drains to the SW. Soil, medium rich dry sandy loam, with some gravel on dry clay and gravel subsoil. Light growth bunch grass. Timber, scattering mesquite and palo verde. Note: At this corner, I set off 8°14'N. on the decl.arc; and at apparent noon, observe the sun on the meridian, and obtain a reading of 33° 35 $\frac{1}{2}$ 'N.on the lat. arc. |
| ----- | |
| 40.00 | S.89° 51'E., on a random line, bet. secs.17 and 20. Set temp. $\frac{1}{4}$ sec.cor. |
| 80.02 | Intersect N.and S. line, 5 lks.south of the cor.of secs. 16,17,20 and 21. Thence I run, N.89°53'W. on a true line, bet. secs.17 and 20. Over nearly level sandy valley land, through scattering mesquite and palo verde timber and greasewood brush undergrowth 4 ft. high. |
| 40.01 | Set an iron post 3 ft.long, 1 in.in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap, $\frac{1}{4}$ S 17 in N., and S 20.1914 in S.half; no trees within limits; dig pits 18x18x12 ins. E.and W. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft. high, north of cor. |
| 45.10 | Dry sand wash 15 lks.wide, $2\frac{1}{2}$ ft.deep, course south. |
| 59.70 | Coleman's house brs.south 10.00 chs.dist. |
| 78.95 | Wire fence brs.N.1°E. and S.1°W. |
| 80.02 | The cor.of secs.17,18,19 and 20. Land, rolling valley, drains to the south and southwest. Soil, medium rich dry sandy loam, about 30 ins. deep on dry, sandy and gravelly clay subsoil. Light growth bunch grass. Timber, scattering mesquite and palo verde. |
| ----- | |
| 7.35 | West, on a true line, bet. secs.18 and 19. Over nearly level sandy valley land,through scattering mesquite and palo verde timber, and greasewood brush undergrowth, 4 ft. high. Dry sand wash, 15 lks.wide, 3 ft. deep, course south. |

Partial Subdivision of Township 3 North, Range 5 East. 17.

Chains.

- 31.20 Dry sand wash, 10 lks. wide, 3 ft. deep, course S. 30° E.
 38.33 Dry sand wash, 15 lks. wide, 3½ ft. deep, course south.
 38.58 Wire fence brs. N. and S?
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,
 S 18 in N., and
 S 19, 1914 in S. half;
 no trees suitable for bearing trees within limits;
 dig pits 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, north of cor.
- 43.20 Dry ravine, 20 lks. wide, 2½ ft. deep, course south.
 79.08 Intersect the west bdy. of the Tp., 296 lks. N. 0° 16' E. of the cor. of secs. 13 and 24, T. 3 N., R. 4 E., which I reestablished March 11, 1914, as described in Book "C." At point of intersection,
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 18 and 19, marked on brass cap,
 C C E of center,
 T 3 N in N.,
 1914 in S., and
 S 13, S 24, R 4 E in W. half;
 S 18 in NE., and
 S 19, R 5 E in SE. quadrant;
 no trees suitable for bearing trees within limits;
 dig pits 24x18x12 ins. crosswise on each line N. and S. 3 ft., and east of post 7 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, E. of cor.
 Land, nearly level valley, drains to the south.
 Soil, rich dry sandy and gravelly clay loam, about 36 ins. deep on dry clay and gravel subspil.
 Light growth bunch grass.
 Timber, scattering mesquite and palo verde.
 April 11, 1914.
-
- April 14, 1914: At 8h. 30m., a.m., l.m.t., I set off 33° 35½' N. on the lat. arc; 9° 16½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 17, 18, 19 and 20.
 Thence I run,
 N. 0° 03' W., bet. secs. 17 and 18.
 Over nearly level sandy valley land, through scattering ironwood, palo verde, and mesquite timber and grease-wood brush undergrowth, 4 to 6 ft. high.
- 2.33 Wire fence 75 lks. west of cor., brs. E. and W.
 14.60 Dry sand wash, 15 lks. wide, 3 ft. deep, course SW.
 21.95 Wire fence brs. E. and W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap,
 ¼ S 18 in W.,
 S 17 in E., and
 1914 in S. half;
 no trees within limits; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
- 41.50 Dry ravine, 15 lks. wide, 2½ ft. deep, course S. 20° E.
 61.65 Wood road, brs. NE. and SW.
 74.80 Dry sand wash, 15 lks. wide, 3 ft. deep, course S. 30° W.
 80.00 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, marked on brass cap,
 T 3 N R 5 E in N., and
 1914 in S. half;
 S 7 in NW.,
 S 8 in NE.,
 S 17 in SE., and
 S 18 in SW. quadrant;
 no trees suitable for bearing trees within limits; dig

18. Partial Subdivision of Township 3 North Range 5 East.

Chains.

pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, rolling valley, drains to the south and southwest. Soil, rich fine dry sandy loam, about 24 ins. deep on dry, gravelly clay subsoil. Light growth bunch grass. Timber, scattering palo verde, ironwood and mesquite.

40.00 S. 89° 53' E., on a random line, bet. secs. 8 and 17. Set temp. 1/4 sec. cor. 80.04 Intersect N and S line at the cor. of secs. 8, 9, 16 and 17. Thence I run, N. 89° 53' W., on a true line, bet. secs. 8 and 17. Over rolling, stony valley land, slopes to the west, through scattering mesquite and palo verde timber and greasewood brush undergrowth, 4 ft. high. 1.70 Dry sand wash, 15 lks. wide, 4 ft. deep, course SW. 27.00 Dry sand wash, 20 lks. wide, 8 ft. deep, course south. 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S 8 in N., and S 17, 1914 in S. half; no trees large enough for bearing trees within limits; dig pits, 18x18x12 ins., E. and W. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, north of cor. 55.00 Foot of gradual descent; leave stony land; enter level sandy valley land, brs. N. and S. 75.72 Old wood road brs. N. and S. 78.00 Dry sand wash, 25 lks. wide, 4 ft. deep, course south. 80.04 The cor. of secs. 7, 8, 17 and 18. Land, rolling and level. Soil, sandy and stony clay loam, 12 to 24 ins. deep on dry, stony and gravelly clay subsoil. Light growth bunch grass. Timber, scattering mesquite and palo verde. Note: At this cor. I set off 9° 19' N. on the decl. arc; and at apparent noon, observe the sun on the meridian, the resulting latitude being 33° 36' N.

West, on a true line, bet. secs. 7 and 18. Over nearly level sandy valley land, drains to the south, through scattering palo verde and mesquite timber and greasewood brush undergrowth, 4 to 6 ft. high. 2.05 Dry sand wash, 35 lks. wide, 4 ft. deep, course south. 21.90 Wood road, brs. N. and S. 34.75 Dry sand wash, 10 lks. wide, 3 ft. deep, course S. 40° W. 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap, 1/4 S 7 in N., and S 18, 1914 in S. half; no trees suitable for bearing trees within the prescribed limits; dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. 76.20 Dry sand wash, 15 lks. wide, 3 ft. deep, course SW. 78.68 Intersect the west bdy. of the Tp., 296 lks. N. 0° 29' E., of the cor. of secs. 12 and 13, T. 3 N., R. 4 E., which I reestablished March 11, 1914, as described in Book "C." At point of intersection, Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 7 and 18, marked on brass cap, C C E of center, T 3 N in N.,

Chains.

1914 in S., and
 S 12, S 13, R 4 E in W.half;
 S 7 in NE., and
 S 18, R 5 E in SE.quadrant;
 no trees suitable for bearing trees within limits;
 dig pits 24x24x12 ins. crosswise on each line N.and
 S., 3 ft., and E.of post 7 ft. dist., and raise a
 mound of earth 4 ft.base, 2 ft.high,E.of cor.
 Land, rolling, sandy valley land, drains to the south.
 Soil, medium rich dry, sandy clay loam, about 30 ins.
 deep on dry sandy and gravelly clay subsoil.
 Timber, scattering palo verde and mesquite.

N.0°03' W., bet. secs. 7 and 8.
 Over rolling sandy and gravelly valley land, through
 scattering palo verde, mesquite and ironwood timber,
 and greasewood brush undergrowth.

14.55
 19.30
 35.00
 40.00

Dry sand wash, 8 lks.wide, 2½ ft. deep, course SW.
 Dry sand wash, 20 lks.wide, 3 ft. deep, course SW.
 Enter stony land, brs.NW. and SE.
 Set an iron post 3 ft.long, 1 in.in diam., 26 ins.in
 the ground, for ¼ sec.cor., marked on brass cap,
 ¼ S 7 in W.
 S 8 in E., and
 1914 in S.half;

80.00

no trees suitable for bearing trees within limits;
 dig pits 18x18x12 ins., N.and S.of post, 3 ft. dist.,
 and raise a mound of earth 3½ ft. base, 1½ ft. high,
 west of cor.
 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
 brass cap,
 T 3 N R 5 E in N., and
 1914 in S.half;
 S 6 in.NW.,
 S 5 in NE.,
 S 8 in SE., and
 S 7 in SW.quadrant;
 no trees suitable for bearing trees within the pre-
 scribed limits; raise a mound of stone 2 ft. base, 1½
 ft.high, west of cor. Pits impracticable.
 South 35 chs., rolling, valley, soil, sandy loam, about
 14 ins. deep, on clay subsoil.
 North 45 chs., stony clay loam loam, 6 to 12 ins. deep
 on dry stony clay subsoil.
 Light growth bunch grass.
 Timber, scattering palo verde and mesquite.
 April 14, 1914.

40.00
 80.06

April 15, 1914: At 8h. 30m. a.m., l.m.t., I set off 33°
 37½' N. on the lat.arc; 9° 38' N. on the decl.arc;
 and determine a meridian with the solar at the cor.
 of secs. 5,6, 7 and 8.

Thence I run,
 S.89°53'E., on a random line, bet. secs.5 and 8.
 Set temp.¼ sec.cor.

Intersect N.and S. line, 2 lks.north of the cor.of secs.
 4,5,8 and 9.

Thence I run,
 N.89°52'W., on a true line, bet. secs.5 and 8.
 Over rolling, stony valley land, slopes to the west,
 through scattering mesquite and palo verde timber
 and greasewood brush undergrowth, 4 to 6 ft.high.

33.78
 40.03

Old Verde Canal, 40 lks.wide, course N.16°W.
 Set an iron post 3 ft.long, 1 in. indiam., 26 ins. in
 the ground, for ¼ sec.cor., marked on brass cap,

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Chains.

$\frac{1}{4}$ S 5 in N., and
 S 8 1914 in S. half;
 no trees large enough for bearing trees within limits;
 raise a mound of earth 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
 cor. Pits impracticable.
 45.70 Dry sand wash, 20 lks. wide, 4 ft. deep, course SW.
 55.75 Dry sand wash, 15 lks. wide, 4 ft. deep, course SW.
 59.50 Dry sand wash, 25 lks. wide, 6 ft. deep, course S. 50° W.
 68.30 Old wood road brs. NE. and SW.
 80.06 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling, slopes to the west and southwest.
 Soil, poor stony clay loam, about 12 ins. deep on dry,
 stony clay subsoil.
 Timber, scattering palo verde and mesquite.
Note: At this cor., I set off 9° 41' N. on the decl. arc;
 and at apparent noon, observe the sun on the meridian;
 and obtain a reading of 33° 38' N. on the lat. arc.

 West, on a true line, bet. secs. 6 and 7.
 Over rolling sandy valley land, drains to the southwest,
 through scattering paloverde, and mesquite timber,
 and greasewood brush undergrowth, 4 to 6 ft high.
 2.70 Dry sand wash, 40 lks. wide, 4 ft. deep, course SW.
 11.00 Old wood road, brs. N. and S.
 23.50 Dry sand wash, 30 lks. wide, $3\frac{1}{2}$ ft. deep, course south.
 31.40 Wood road, brs. NE. and SW.
 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,
 $\frac{1}{4}$ S 6 in N., and
 S 7, 1914 in S. half;
 no trees suitable for bearing trees within limits;
 dig pits, 18x18x12 ins., E. and W. of post 3 ft. dist.,
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 north of cor.
 51.90 Dry sand wash, 25 lks. wide, 4 ft. deep, course south.
 77.86 Intersect the west boundary of the Tp., 290 lks. N. 0° 29'
 E. of the cor. of secs. 1 and 12, T. 3 N., R. 4 E., which
 I reestablished March 11, 1914, as described in Book
 "C."
 At point of intersection, set an iron post 3 ft. long,
 2 ins. in diam., 24 ins. in the ground for closing
 cor. of secs. 6 and 7, marked on brass cap,
 C. C. E. of center,
 T 3 N in N.,
 1914 in S., and
 S 1, S 12, R 4 E in W. half;
 S 6 in NE., and
 S 7, R 5 E in SE. quadrant;
 no trees suitable for bearing trees within limits;
 dig pits 24x18x12 ins. crosswise on each line, N. and
 S. 3 ft., and E. of post 7 ft. dist., and raise a
 mound of earth 4 ft. base, 2 ft. high, E. of corner.
 Land, rolling valley, drains to the southwest.
 Soil, light dry, sandy and gravelly clay loam, 136 ins.
 deep on dry gravelly clay subsoil.
 Timber, scattering palo verde and mesquite.

 N. 0° 03' W. on a random line, bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 77.22 Intersect north bdy. of Tp., 32 lks. east of the cor. of
 secs. 5, 6, 31 and 32, estab. by me as described in Book "A"
 Thence I run,
 S. 0° 17' E., on a true line, bet. secs. 5 and 6.
 Over rolling, stony valley land, through scattering palo
 verde, mesquite and ironwood timber and greasewood

Chains.

- brush undergrowth 4 to 6 ft. high.
 - 32.28 Old Verde Canal 30 lks. wide, course N.60°W.
 - 32.71 Road to Phoenix, Arizona, brs.N.60°E., and S.60°W.
 - 35.76 Wood road, brs.NE. and SW.
 - 37.22 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap,
 - $\frac{1}{4}$ S 6 in W.,
 - S 5 in E., and
 - 1914 in S.half; from which,
 - An ironwood, 8 ins. in diam., brs.N.72 $\frac{3}{4}$ °E., 68 lks.dist., marked $\frac{1}{4}$ S 5 B T.
 - An ironwood, 14 ins. in diam., brs.N.32 $\frac{1}{2}$ °W., 302 lks.dist., marked $\frac{1}{4}$ S 6 B T.
 - 75.61 Dry sand wash, 35 lks.wide, 4 ft. deep, course SW.
 - 77.22 The cor.of secs. 5,6,7 and 8.
- Land, rolling valley, drains to the southwest.
 Soil, poor stony, gravelly clay loam, about 12 ins.deep on dry stony and gravelly clay subsoil.
 Light growth bunch grass.
 Timber, scattering palo verde, ironwood and mesquite.
 April 15, 1914.

GENERAL DESCRIPTION.

This township contains nearly every variety of land, from level to mountainous, and the soil ranges from almost barren rock to rich loam. The soil of the level land in the southwestern part of the township is generally a rich fine, dry sandy clay loam, capable of producing abundant crops with the aid of irrigation. The soil of the remaining portion of the township is so stony as to be of little value for agricultural purposes. Dry farming is being pursued by two or three settlers in the township at the present time, but is not proving very successful.

Scattering palo verde, mesquite and ironwood timber is found over nearly the entire township, but the majority of the trees being too small to be of any value other than fuel.

There is no water in the township except in wells which have been either dug or driven by the settlers.

The McDowell Mountains in the northeastern corner of the township rise to an elevation of 4000 ft., and to all appearances contain rich minerals.

There are two settlers in sec. 20, two in sec.29, and one each in secs. 19 and 28.

Sidney E. Blout
 U. S. Surveyor.

FOR FINAL OATH OF UNITED STATES SURVEYOR.

See book "C"

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191 _____, I have well, faithfully and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

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

U. S. Surveyor.

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Ariz. October 21, 1915

The foregoing field notes of the survey of *Part of the Subdivision lines of Township 3 North, Range 5 East of the Gila and Salt River Base and Meridian in the State of Arizona.*

executed by *Sidney E. Blout, U.S. Surveyor* under his special instructions dated *October 24, 1913 for Group 31*, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank A. Sigalla
Surveyor General.
OF ARIZONA.

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