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2814
4-679

Book "X"

BOOK 2814

SER. 50. 1914

Subdivisions
FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES OF

TOWNSHIP 4 SOUTH RANGE 11 WEST

2814

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

JOHN F. HESSE

In the capacity of U. S. Surveyor, under instructions dated February 10, 1914,
issued by the United States Surveyor General to govern surveys included in
Group No. 32, which were approved by the Commissioner of the General Land
Office, February 20, 1914, pursuant to authority contained in the Act of
Congress dated June 23, 1913

Survey commenced June 11, 1914

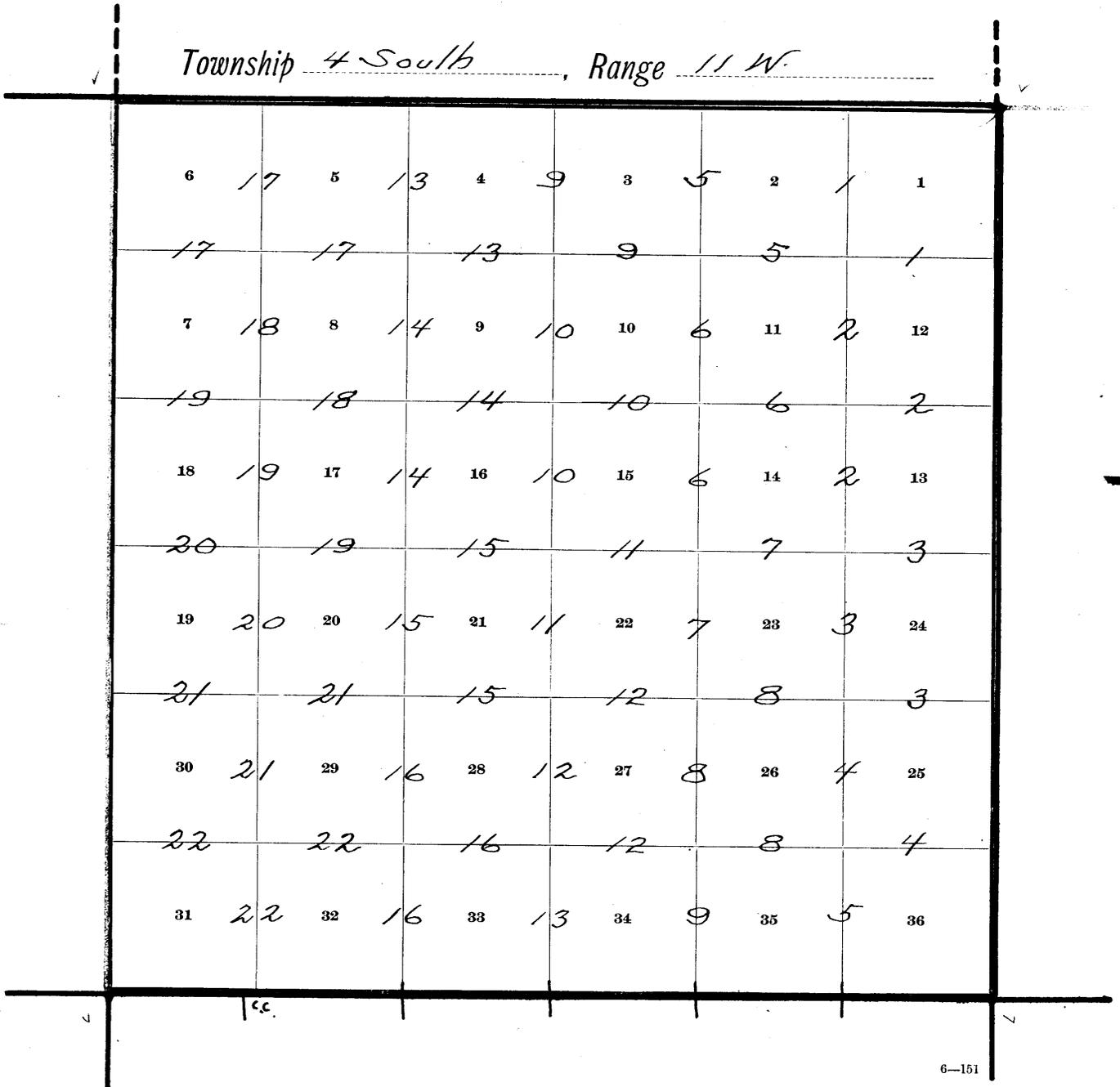
Survey completed June 19, 1914

Book "X"

BOOK 2814

INDEX DIAGRAM.

Township 4 South, Range 11 W.



6-151

- Notes in Book "A", this Group
- " " " "B" " "
- " " " "D" " "
- Surveyed
- Unsurveyed

Subdivision of Tp.4 S. Rg. 11 W.

Chains.

Survey commenced June, 11, 1914 and executed by John F. Hesse, U.S. Surveyor, No. 3335, under his instructions for Group 32, Arizona, using a Young and Sons' light mountain transit, No. 8588, described in book "A", which is also the best count of the vertices of the latitude and the declination arcs.

At 7h. a.m., I set off $33^{\circ}07'N$ on the lat. arc., and $23^{\circ}04\frac{1}{2}'N$ on the decl. arc. and determine a meridian with the solar at the cor. of the secs. 1, 2, 35, and 36 on the N. bdy. of the Tp., estab. by me as described in book "B"

Thence I run
 S. $0^{\circ}01'E$. bet. secs. 1 and 2.
 Over level land, through dense brush.
 Cross wash 15 lks. wide course S. E.
 38.30 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
 40.00 ground for the $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S2 in W.
 S1 in E. and 1914 in S. half; from which
 An Ironwood 14 ins. diam. bears $N. 5^{\circ}E$. 262 lks.
 dist., marked $\frac{1}{4}$ S1BT. No other trees near.
 Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.,
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high
 of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. diam. 24 ins. in the
 ground for the cor. of secs. 1, 2, 11, and 12, marked on
 brass cap
 T4SR11W in N. and
 1914 in S. half;
 S2 in N. W.
 S1 in N. E.
 S12 in S. E. and
 S11 in S. W. quadrant; from which
 An Ironwood 12 ins. diam. bears $N. 27\frac{1}{2}^{\circ}E$. 177 lks.
 dist., marked T4SR11WS1BT.
 A Paloverde 6 ins. diam. bears $S. 29^{\circ}E$. 262 lks.
 dist., marked T4SR11WS12BT. No other bearings
 available; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft.
 dist., and raise a mound of earth 4 ft. base, 2 ft. high
 W. of cor.
 Land, level.
 Soil, dry, medium texture, sandy loam mixed with small
 rocks, 2nd rate.
 No timber.
 Undergrowth, greasewood, paloverde, and ironwood.

40.00 East on a random line bet. secs. 1 and 12.
 80.02 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect E. bdy. of Tp. 27 lks. S. of the cor. of secs. 1, 6,
 7, and 12., estab. by me as described in book "B"
 Thence I run
 S. $89^{\circ}48'W$. on a true line bet. secs 1 and 12.

26.80 Over level land, through dense brush.
 40401 Cross wash 5 lks. wide course S. E.
 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S1 in N.
 and S12 1914 in S. half; from which
 A Paloverde 6 ins. diam. bears $S. 55^{\circ}W$. 89 lks.
 dist., marked $\frac{1}{4}$ S12BT. No other bearings avail-
 able; dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft.
 dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high
 N. of cor.
 80.02 The cor. of secs. 1, 2, 11, and 12.
 Land, level.
 Soil, dry, medium, sandy loam, mixed with small rocks 2nd
 rate. No timber.
 Undergrowth, greasewood, paloverde, and ironwood.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains	
	S. 0° 01' E. bet. secs. 11 and 12. Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S11 in W. S12 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. diam. 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14., marked on brass cap T4SR11W in N. and 1914 in S. half; S11 in N. W. S12 in N.E. S 13 in S. E. and S14 in S. W. quadrant; from which A Paleverde 12 ins. diam. bears N. 4° E. 232 lks. dist. marked T4SR11WS12BT. No other bearings available; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land level. Soil, dry, gravelly, sandy loam medium texture 2 nd rate. No timber. Undergrowth, greasewood, paloverde and ironwood.
Note:	June, 11: At this cor. I set off 23° 04 $\frac{1}{2}$ ' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 06' N.
	N. 89° 48' E. on a random line bet. secs. 12 and 13.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect E. bdy. of Tp. at the cor. of secs. 7, 12, 13, and 18, estab. by me as described in book "B" Thence I run S. 89° 48' W. on a true line bet. secs. 12 and 13.
35.35	Over level land, through dense brush. Cross wash 8 lks. wide course S.
40.03	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S12 in N. and $\frac{1}{4}$ S13 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high. N. of cor.
80.06	The cor. of secs. 11, 12, 13, and 14. Land, level. Soil, dry, medium, sandy loam, 2 nd rate. Undergrowth, greasewood, paloverde, and ironwood.
	S. 0° 01' E. bet. secs. 13 and 14. Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S14 in W. S13 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high. W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. diam. 24 ins. in the ground for the cor. of secs. 13, 14, 23, and 24. marked on brass cap T4SR11W in N. and 1914 in S. half S14 in N. W. S13 in N. E. S24 in S. E. and S23 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft dist., and raise a mound of earth 4 ft. base 2 ft. high. W. of cor. Land, level. Soil, dry medium, sandy loam, mixed with gravel, 1st rate. No timber. Undergrowth, greasewood, paloverde, and ironwood.

Subdivision of Tp.4 S. Rg.11 W.

Chains	
	N.89°48'E. on a random line, bet. secs.13 and 24.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect E. bdy. of Tp.4 S., 9 lks. S. of the cor. of secs. 13, 18, 19, and 24, estab. by me as described in book "B"
	Thence I run
	S. 89° 44'W., on a true line, bet. secs. 13 and 24.
	Over level land, through dense brush.
39.08	Cross wash 12 lks. wide course S.
40.02	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S13 in N. and S24 1914 in S. half; from which
	A Paloverde 6 ins. diam. bears S.20°W. 93 lks. dist., marked $\frac{1}{4}$ S24BT.
	An Ironwood 7 ins. diam. bears N.55°E. 90 lks. dist., marked $\frac{1}{4}$ S13BT.
80.04	The cor. of secs.13, 14, 23, and 24.
	Land, level.
	Soil, dry sandy loam, medium texture, mixed with gravel 2nd rate.
	No timber.
	Undergrowth, greasewood, paloverde, and ironwood.
	June, 11, 1914.
	1914
	June, 12; At 7h 30m a.m. l.m.t., I set off 33°04 $\frac{1}{2}$ ' N. on the lat. arc; 23°08 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 13, 14, 23, and 24.
	Thence I run
	S.0° 01'E. bet. secs. 23 and 24.
	Over level land, through dense brush.
22.65	Cross road bears N. W. and S. E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S23 in W. S24 in E, and 1914 in S. half; dig pits 18 x 18 x 12 inc. N. and S. of post 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
49.20	Cross wash 15 lks. wide course S. E.
80.00	Set an iron post 3 ft. long, 2 ins diam, 24 ins. in the ground for the cor. of secs. 23, 24, 25, and 26.
	marked on brass cap
	T4SR11W in N. and
	1914 in S. half;
	S23 in N. W.
	S24 in N. E.
	S 25 in S. E. and
	S26 in S. W. quadrant; dig pits 18 x 18 x 12
	ins. in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth
	4 ft. base 2 ft. high. W. of cor.
	Land, level.
	Soil, dry sandy loam, medium texture, mixed with gravel 1 st rate. No timber.
	Undergrowth, greasewood, paloverde, and ironwood.
	N.89°44'E. on a random line bet. secs.24 and 25.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect E. bdy. of Tp.4 lks. N. of the cor. of secs. 19, 24, 25, and 30., estab. by me as described in book "B"
	Thence I run
	S.89°46'W. on a true line bet. secs. 24 and 25.
	Over level land, through dense brush.
40.01	Set an iron post 3 ft. long, 1 in. diam. 26 ins., in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S24 in N. and S25 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth
	3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft high, W. of cor.
50.95	Cross road bears N. W. and S.E.

Subdivision of Tp. 4 S. Rg. 11W.

- Chains.
70.60 Cross wash 20 lks. wide course S. E.
80.02 The cor. of secs. 23, 24, 25, and 26.
Land, level.
Soil, dry sandy loam medium texture, 1st rate.
No timber.
Undergrowth, greasewood, paloverde, and ironwood.
-
- S. 0° 01' E. bet secs. 25 and 26.
Over level land, through dense brush.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S26 in W.
S35 in E. and 1914 in S. half; from which
A Paloverde 12 ins. diam. bears N. 17 $\frac{1}{4}$ ° W. 154 lks.
dist., marked $\frac{1}{4}$ S26BT. No other bearings available.
Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist.
and raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high W. of
cor.
- 44.50 Cross wash 10 lks. wide course S. E.
80.00 Set an iron post 3 ft. long, 1 in. diam. 24 ins. in the
ground for the cor. of secs. 25, 26, 35 and 36., marked
on brass cap greasewood, paloverde, ironwood, and mesquite.
T4SR11W in N. and
1914 in S. half;
S26 in N. W.
S25 in N. E.
S36 in S. E. and
S35 in S. W. quadrant; dig pits 18 x 18 x 12 ins.
in each sec. 5 ft. dist., and raise a mound of earth 4 ft.
base 2 ft. high W. of cor.
Land, level.
Soil, dry sandy loam, medium texture mixed with gravel
1st rate. No timber.
Undergrowth, greasewood, paloverde, ironwood and mesquite.
Note: June, 12: At this cor. I set off 23° 09' N. on the decl. arc;
and observe the sun on the meridian at noon; the resulting
lat. is 33° 02 $\frac{1}{2}$ ' N.
-
- N. 89° 46' E. on a random line bet, secs. 25 and 36.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect E. bdy. of Tp. 7 lks. S. of cor. of secs. 25, 30,
31, and 36. estab. by me as described in book "B"
Thence I run
S. 89° 43' W. on a true line bet. secs. 25 and 36.
Over level land, through dense brush.
10.90 Cross road bears N. W. and S. E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S25 in N.
and S36 1914 in S. half; from which
A Mesquite 6 ins. diam. bears N. 57° W. 175 lks.
dist., marked $\frac{1}{4}$ S25BT.
A Paloverde 8 ins. diam. bears S 61 $\frac{1}{4}$ ° W. 113 lks;
dist., marked $\frac{1}{4}$ S36BT.
- 41.50 Cross wash 15 lks. wide course S. E.
80.00 The cor. of secs. 25, 26, 35 and 36.
Land, level.
Soil, dry, medium, sandy loam with gravel 1st rate.
No timber.
Undergrowth, greasewood, paloverde, ironwood, and mesquite.

Subdivision of T₄ S. R_{g.} 11 W.

Chains

S.0°01'E. on a random line bet. secs.35 and 36.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.43 Intersect S. bdy. of Tp.39 lks.W. of the cor. of secs. 1, 2, 35, and 36, reestab. by J.B.Wright as described in book "D" Thence I run
 N.0° 18'W. on a true line, bet. secs.35 and 36.
 Over level land, through dense brush.
 40.43 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S35 in W. S36 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 80.43 The cor. of secs. 25, 26, 35 and 36 is on
 Land level.
 Soil, dry sandy loam medium texture 1 st rate.
 No timber.
 Undergrowth, greasewood.

June, 12, 1914.

1914
 June, 13: At 7h 30m a.m. l.m.t., I set off 33° 07' N. on the lat. arc; 23° 13 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34, and 35 on the N. bdy. of the Tp., estab. by me as described in book "B" Thence I run
 S.0°01'E. bet. secs. 2 and 3.
 Over level land, through dense brush.
 23.20 Cross road bears N. W. and S.E.
 40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S3 in W. S2 in E. and 1914 in S. half; from which,
 A Paloverde 10 ins. diam. bears N32 $\frac{1}{2}$ °W. 188 lks. dist., marked $\frac{1}{4}$ S3BT.
 A Paloverde 7 ins. diam. bears S.33°E. 198 lks. dist., marked $\frac{1}{4}$ S2BT.
 71.25 Cross wash 60 lks. wide course S. E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 2, 3, 10, and 11, marked on brass cap
 T48R11W in N. and 1914 in S. half;
 S3 in N. W.
 S2 in N. E.
 S11 in S. E. and S10 in S. W. quadrant; and dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft high, W. of cor.
 Land, level.
 Soil, dry sandy loam medium texture mixed with gravel and small rocks 2nd rate. No timber.
 Undergrowth, greasewood, paloverde, ironwood, and mesquite.

East on a random line bet. secs. 2 and 11.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line 4 lks. N. of cor. of secs. 1, 2, 11, and 12.
 Thence I run
 N.89°58'W. on a true line bet. secs. 2 and 11.
 Over level land, through dense brush.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S2 in N. and S11 1914 in 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 $1\frac{1}{2}$ ft. high, N. of cor.
 65.45 Cross road bears N.W. and S. E.
 71.90 Cross wash 45 lks. wide course S.S.E.

Subdivision of Tr. 4 S. Rg. 11 W.

Chains	
80.02	The cor. of secs. 2, 3, 10, and 11 Land, level. Soil, dry, medium, sandy loam, gravelly, 2nd rate. No timber. Undergrowth, greasewood, paloverde, ironwood, and mesquite.
21.40	S. of 01'E. bet. secs. 10 and 11. Over level land, through dense brush.
40.00	Cross road bears N. W. and S. E. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S10 in W. S11 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 10, 11, 14, and 15., marked on brass cap T48R11W in N. and 1914 in S. half S10 in N. W. S11 in N. E. S14 in S. E. and S15 in S. W. quadrant; from which A Paloverde 8 ins. diam. bears N3 $\frac{1}{4}$ E. 75 lks. dist. marked T48R11WS11BT. A Paloverde 12 ins. diam. bears S.47 $\frac{1}{2}$ E. 152 lks. dist., marked T48R11WS14BT. No other bearings available; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 3 ft. high W. of cor. Land, level. Soil, dry, sandy loam, of medium texture, with gravel 2nd rate. No timber. Undergrowth, greasewood, paloverde, ironwood, and mesquite.
40.00	S.89°58'E. on a random line bet. secs. 11 and 14. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 9 lks. S. of the cor. of secs. 11, 12, 13, and 14. Thence I run
40.00	S.89°58'W. on a true line, bet. secs. 11 and 14. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S11 in N. and S14 1914 in S. half; dig pits 18 x 18 x 12 ins. on E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
49.80	Cross road bears N. W. and S. E.
63.40	Cross wash 40 lks. wide course S. E.
80.00	The cor. of secs. 10, 11, 14, and 15. Land, level. Soil, dry sandy loam, medium texture, mixed with gravel 2nd rate. No timber. Undergrowth, greasewood, paloverde, ironwood, and mesquite.
40.00	S.0°01'E. bet. secs. 14 and 15. Over level land, through dense brush. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S15 in W. S14 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Subdivision of Tp.4 S. Rg. 11 W.

Chains
80.00

Set an iron post 3 ft. long, 2 ins. diam. 24 ins. in the ground for the cor. of secs. 14, 15, 23, and 23, marked on brass cap
 T4SR11W in N. and
 1914 in S. half;
 S15 in N. W.
 S14 in N. E.
 S23 in S. E. and
 S22 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Land, level.
 Soil, dry sandy loam medium texture, 1 st rate.
 No timber.

Note: Undergrowth, greasewood, paloverde, ironwood, and mesquite.
 June, 13: at this cor. I set off 23° 13' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 04 1/2' N.

40.00
79.98

N. 89° 58' E. on a random line bet. secs. 14 and 23.
 Set temp. 1/4 sec. cor.
 Intersect N. and S. line 4 lks. N. of the cor. of secs. 13, 14, 23, and 24.

11.55
34.90
39.99

Thence I run
 West on a true line bet. secs. 14 and 23.
 Over level land, through dense brush.
 Cross road bears N. W. and S. E.
 Cross wash 25 lks. wide course S. E.
 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap S14 in N. and S23 1914 in S. half; from which
 An Ironwood 12 ins. diam. bears N. 82° E. 48 lks. dist., marked S14BT. No other bearings available; dig pits 18 x 18 x 12 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.

79.98

The cor. of secs. 14, 15, 23, and 23.
 Land, level.
 Soil, dry sandy loam of medium texture mixed with gravel 1st rate. No timber.
 Undergrowth, greasewood, paloverde, and ironwood.

40.00

S. 0° 01' E. bet. secs 22 and 23.
 Over level land, through dense brush.
 Set an iron post 3 ft. long 1 in. diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap S22 in W. S23 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

80.00

Set an iron post 3 ft. long, 2 ins. diam. 24 ins. in the ground for the cor. of secs. 22, 23, 26, and 27., marked on brass cap
 T4SR11W in N. and
 1914 in S. half;
 S22 in N. W.
 S23 in N. E.
 S26 in S. E. and
 S27 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Land, level.
 Soil, dry sandy loam of medium texture mixed with gravel 1st rate. No timber.
 Undergrowth, greasewood.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains.	
40.00	East on a random line bet. secs. 23 and 26. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 23, 24, 25, and 26. Thence I run
39.99	S. $89^{\circ}59'W.$ on a true line bet. secs. 23 and 26. Over level land, through dense brush.
79.98	Set an iron post 3 ft. long 1 in. diam. 26 ins. in the ground for the $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S23 in N. and S26 1914 in 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 $1\frac{1}{2}$ ft. high, on N. of cor.
	The cor. of secs. 22, 23, 26, and 27. Land level. Soil, dry sandy loam medium texture mixed with gravel 1st rate. No timber. Undergrowth, greasewood and paloverde. June, 13, 1914.
	1914 June, 15: At 7h 30m a.m. l.m.t., I set off $33^{\circ}03\frac{1}{2}'N.$ on the lat. arc; $23^{\circ}18\frac{1}{2}'N.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 22, 23, 26 and 27. Thence I run
40.00	S. $0^{\circ}01'E.$ bet. secs. 26 and 27. Over level land, through dense brush.
80.00	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S27 in W. S26 in E. and 1914 in S. half; dig pits 18 x 18 x 12 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, on W. of cor.
	Set an iron post 3 ft. long, 2 ins. diam., 24 ins in the ground, for the cor. of secs. 26, 27, 34, and 35., marked on brass cap T48R11W in N. and 1914 in S. half; S27 in N. W. S26 in N. E. S35 in S. E. and S34 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, on W. of cor. Land, level. Soil, dry sandy loam of medium texture. 1st rate. No timber. Undergrowth, greasewood, and ironwood.
40.00	N. $89^{\circ}59'E.$, on a random line, bet. secs. 26 and 35. Set temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line 2 lks. S. of the cor. of secs. 25, 26, 35, and 36. Thence I run
39.98	S. $89^{\circ}58'W.$ on a true line, bet. secs. 26 and 35. Over level land, through dense brush.
79.96	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S26 in N. and S35 1914 in 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 $1\frac{1}{2}$ ft. high, on N. of cor.
	The cor. of secs. 26, 27, 34, and 35. Land, level. Soil, dry, medium sandy loam, mixed with gravel, 1st rate. No timber. Undergrowth, greasewood, ironwood, and paloverde.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains.

40.00 S.0°01'E. on a random line bet. secs.34 and 35.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.73 Intersect S. bdy. of Tp.9 lks. W. of cor. of secs.2, 3, 34, and 35, reestab. by J.B.Wright as described in book "D"
 Thence I run
 40.73 N.0° 05'W. on a true line bet. secs.34 and 35.
 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S34 in W. S35 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 80.73 The cor. of secs. 26, 27, 34, and 35.
 Land, level.
 Soil, dry sandy loam of medium texture mixed with gravel 1st rate. No timber.
 Undergrowth, greasewood and paloverde.
 June, 15, 1914.

1914
 June, 14; At 7h a.m. l.m.t., I set off 33° 07'N. on the lat. arc; 23° 16'N. on the decl. arc; and determine a meridian with the solar at the cor of secs.3, 4, 33, and 34. on the N. bdy. of Tp, estab. by me as described in book "B"

Thence I run
 S.0°02'E. bet, secs.3 and 4.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S4 in W. S3 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of cor., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs.3, 4, 9, and 10., marked on brass cap
 T4SR11W in N. and
 1914 in S half;
 S4 in N. W.
 S3 in N. E.
 S10 in S. E. and
 S9 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
 Land, level.
 Soil, dry sandy loam of medium texture mixed with gravel and small rocks 2nd rate. No timber.
 Undergrowth, paloverde, ironwood and greasewood.

East on a random line bet. secs 3 and 10.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line 6 lks. N. of the cor. of secs. 2, 3, 10, and 11.
 Thence I run
 N.89° 57'W. on a true line bet. secs. 3 and 10.
 Over level land, through dense brush.
 12.05 Cross road bears N. W. and S. E.
 33.20 Cross wash 12 lks. wide course S.
 40.01 Set an iron post 3 ft. long, 1 in. diam. 26 ins in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S3 in N. and S10 1914 in S. half; from which
 A Paloverde 6 ins. diam. bears N.25° W.36 lks. dist., marked $\frac{1}{4}$ S3BT. No other bearings available.
 Dig pits 18 x 18 x 12 ins, E. and W. of cor.3ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high, N. of cor.
 55.00 Cross road bears N. and S.
 80.02 The cor. of secs. 2, 4, 9, and 10.

Subdivision of Tp.4 S. Rg. 11 W.

Chains

Land, level.
Soil, dry sandy loam medium texture mixed with gravel
2nd rate. No timber.
Undergrowth, greasewood, paloverde, ironwood, and mesquite.

S.0°03'E. bet. secs. 9 and 10.
Over level land, through dense brush.
40.00 Set an iron post 3 ft long, 1 in. diam. 26 ins. in the
ground for the $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S9 in W.
S10 in E. and 1914 in S. half; from which
A Paloverde 7 ins. diam. bears N.77 $\frac{1}{2}$ °W. 137 lks.
dist., marked $\frac{1}{4}$ S9BT.
A Paloverde 12 ins. diam. bears N19 $\frac{1}{4}$ °E. 247 lks.
dist., marked $\frac{1}{4}$ S10BT.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
ground for the cor. of secs. 9, 10, 15, and 16. marked
on brass cap
T4SR11W in N. and
1914 in S. half;
S9 in N. W.
S10 in N. E.
S15 in S. E. and
S16 in S. W. quadrant; from which
A Paloverde 10 ins. diam. bears N.73° W. 112 lks.
dist., marked T4SR11WS9BT.
A Paloverde 10 ins. diam. bears S.80 $\frac{1}{2}$ ° W. 208 lks.
dist., marked T4SR11WS16BT. No other bearings
available; dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$
ft. dist., and raise a mound of earth 4 ft. base 2 ft.
high, W. of cor.

Land, level.
Soil, dry medium sandy loam, mixed with gravel. 2nd rate.
No timber.
Undergrowth, greasewood, ironwood, and paloverde.

✓
S.89° 57'E. on a random line bet. secs.10 and 15.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. and S. line 3 lks. S. of the cor. of secs.
10, 11, 14, and 15.

Thence I run
N. 89° 58'W. on a true line bet. secs 10 and 15.
Over level land, through dense brush.
40.01 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S10 in N.
S15 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W.
of cor, 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft.
base 1 $\frac{1}{2}$ ft. high, N. of cor.

49.20 Cross road bears N. W. and S.E.
52.25 Cross wash 8 lks. wide course S.
80.02 The cor. of secs.9, 10, 15, and 16.

Land, level.
Soil, dry sandy loam of medium texture mixed with gravel
2nd rate. No timber.
Undergrowth, greasewood. paloverde, ironwood and mesquite.

S.0°02'E. bet. secs. 15 and 16.
Over level land, through dense brush.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S16 in W.
S15 in E. and 1914 in S. half; from which
A Paloverde 8 ins. diam. bears N.6 $\frac{1}{2}$ °W. 107 lks.
dist., marked $\frac{1}{4}$ S16BT. No other bearings available.
Dig pits 18 x 18 x 12 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,

Subdivision of Tn. 4 S. Rg. 11 W.

Chains W. of cor.
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for the cor of secs. 15, 16, 21, and 22., marked on brass cap
T4SR11W in N. and
1914 in S. half.
S16 in N. W.
S15 in N. E.
S22 in S. E. and
S21 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, level.
Soil, dry sandy loam, medium texture, mixed with gravel 1st rate. No timber.
Undergrowth, greasewood, paloverde, and ironwood.
Note: June, 14; At this cor., I set off 23° 16' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 04 1/2' N.

S. 89° 58' E. on a random line bet. secs. 15 and 22.
40.00 Set temp. 1/4 sec. cor.
80.10 Intersect N. and S. line 5 lks. S. of the cor. of secs. 14, 15, 22, and 23.
Thence I run
West, on a true line, bet; secs. 15 and 22.
Over level land, through dense brush.
31.30 Cross wash 10 lks. wide course S.
40.05 Set an iron post 3 ft. long, 1 in. diam., 26 ins in the ground for 1/4 sec. cor., marked on brass cap 1/4 S15 in N. and S22 1914 in 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 1/2 ft base 1 1/2 ft. high, N. of cor.
46.40 Cross road bears N. and S.
80.10 The cor. of secs. 15, 16, 21 and 22.
Land, level.
Soil, dry sandy loam of medium texture, 1st rate.
No timber.
Undergrowth, greasewood, paloverde, and ironwood.

S. 0° 02' E. bet. secs. 21 and 22.
Over level land, through dense brush.
37.95 Cross road bears N. W. and S. E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S21 in W. S22 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth 3 1/2 ft base 1 1/2 ft. high, W. of cor.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 21, 22, 27, and 28. marked on brass cap
T4SR11W in N. and
1914 in S. half;
S21 in N. W.
S22 in N. E.
S27 in S. E. and
S28 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, level.
Soil, dry sandy loam of medium texture mixed with gravel 1st rate. No timber.
Undergrowth, greasewood, paloverde, and ironwood.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains	
	East on a random line bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line 2 lks. N. of the cor. of secs. 22, 23, 26, and 27.
	Thence I run
	N. $89^{\circ} 59' W.$ on a true line bet. secs. 22 and 27.
	Over level land, through dense brush.
32.65	Cross road bears N. W. and S. E.
40.03	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S22 in N. and S27 1914 in S. half; dig pits 18 x 18 x 12 ins. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
80.06	The cor. of secs. 21, 22, 27, and 28. Land level. Soil, dry, medium, sandy loam, 1st rate. No timber. Undergrowth, greasewood, paloverde, and ironwood. June, 14, 1914.
	June, 15: 1914
	S. $0^{\circ} 02' E.$ bet. secs. 27 and 28.
	Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S28 in W. S27 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
80.00	Set an iron post 3 ft. long, 3 ins. diam. 24 in. in the ground for the cor. of secs. 27, 28, 33, and 34., marked on brass cap T4SR11W in N. and 1914 in S. half; S28 in N. W. S27 in N. E. S34 in S. E. and S33 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land level. Soil, dry sandy loam medium texture, mixed with gravel 1st rate. No timber. Undergrowth, greasewood and ironwood.
	S. $89^{\circ} 59' E.$ on a random line bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.04	Intersect N. and S. line 2 lks. N. of the cor. of secs. 26, 27, 34, and 35.
	Thence I run
	N. $89^{\circ} 58' W.$ on a true line bet. secs. 27 and 34.
	Over level land, through dense brush.
16.55	Cross road bears N and S.
40.02	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S27 in N. and S34 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, N. of cor.
80.04	The cor. of secs. 27, 28, 33, and 34 in. the Land level. the cor. of secs. Soil, dry sandy loam of medium texture, mixed with gravel 1st rate. No timber, Undergrowth, greasewood, ironwood and paloverde.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains.

40.00 S.0° 02'E. on a random line bet. secs.33 and 34.
 Set temp. $\frac{1}{4}$ sec. cor.

80.42 Intersect S. bdy. of Tp. 21 lks.E. of cor. of secs.
 3, 4, 33, and 34., reestab. by J.B.Wright as described in
 book "D", Thence I run
 N.0 07'E. on a true line bet. secs 33 and 34.
 Over level land, through dense brush.

40.42 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S33 in W.
 S34 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.
 N. and S. of post, 3 ft. dist; and raise a mound of earth
 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft high, W. of cor.

80.42 The cor of secs.27, 28, 33, and 34.
 Land, level.
 Soil, dry sandy loam of medium texture, mixed with gravel
 2nd rate. No timber.
 Undergrowth, greasewood, paloverde and ironwood.
 June, 15, 1914.

1914
 June, 16: At 7h a.m. l.m.t., I set off 33° 07' N. on the lat .
 arc; 23° 21 $\frac{1}{2}$ ' N. on the decl. arc; and determine a meridian with
 the solar at the cor. of secs.4, 5, 38, and 33. on the
 N. bdy. of the Tp., estab. by me as described in book "B"
 Thence I run
 S.0° 02'E., bet. secs.4 and 5.
 Over level land, through dense brush.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S5 in W.
 S4 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins.
 N. and S. of cor; 3 ft. dist; and raise a mound of earth
 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
 ground for the cor. of secs.4, 5, 8, and 9., marked on
 brass cap
 T4SR11W in N. and
 1914 in S. half;
 S5 in N. W.
 S4 in N. E.
 S9 in S. E. and
 S8 in S. W. quadrant; dig pits 18 x 18 x 12 ins.
 in each sec. 5 $\frac{1}{2}$ ft. dist., and raise a mound of earth
 4 ft. base 2 ft. high, W. of cor.
 Land, level.
 Soil, dry sandy loam, medium texture, gravelly, 1st rate.
 No timber.
 Undergrowth, greasewood, paloverde, ironwood and mesquite.

40.00 East on a random line bet. secs.4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.

79.96 Intersect N. and S. line 2 lks. S. of the cor. of secs.
 3, 4, 9, and 10.
 Thence I run
 S.89° 59' W., on a true line bet. secs. 4 and 9.
 Over level land, through dense brush.

39.98 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S4 in N.
 and S9 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and
 W of post, 3ft. dist; and raise a mound of earth 3 $\frac{1}{2}$ ft.
 base 1 $\frac{1}{2}$ ft. high, N. of cor.

79.96 The cor. of secs.4, 33, 8, and 9. diam.
 Land, level.
 Soil, dry sandy loam medium texture mixed with gravel
 and small rocks, 2nd rate. No timber.
 Undergrowth, greasewood, ironwood and paloverde.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains

S.0°02'E., bet. secs.8 and 9.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S8 in W. S9 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist; and raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 8, 9, 16, and 17., marked on brass cap
 T4SR11W in N. and 1914 in S half;
 S8 in N. W.
 S9 in N. E.
 S16 in S. E. and S17 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist; and raise a mound of earth 4 ft. base 3 ft. high, W. of cor.
 Land, level.
 Soil, dry sandy loam medium texture mixed with gravel 1st rate. No timber.
 Undergrowth, paloverde and ironwood.

Note: June, 16: At this cor. I set off 23° 21' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 05' N.



✓
 N89°59'E. on a random line bet. secs.9 and 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. and S. line at the cor, of secs.9, 10, 15, and 16.

Thence I run

✓
 S.89°59'W., on a true line bet. secs. 9 and 16.
 Over level land, through dense brush.
 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 $\frac{1}{4}$ S9 in N. and S16 1914 in 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 $1\frac{1}{2}$ ft high, N. of cor.
 79.92 The cor. of secs.8, 9, 16, and 17.
 Land, level.
 Soil, dry sandy loam of medium texture mixed with gravel and small rocks 2nd rate. No timber.
 Undergrowth, greasewood, ironwood, and paloverde.



S.0°02'E., bet. secs. 16 and 17.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S17 in W. S16 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
 45.00 Cross road bears N. W. and S. E.
 62.40 Cross wash 8 lks. wide course S. E.
 80.00 Set an iron post 3 ft. long, 2 ins. diam. 24 ins. in the ground, for the cor. of secs.16, 17, 20 and 21., marked on brass cap,
 T4SR11W in N. and 1914 in S. half;
 S17 in N. W.
 S16 in N. E.
 S21 in S. E. and S20 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist; and raise a mound of earth 4 ft. base 3 ft. high, W. of cor.
 Land, level.
 Soil, dry sandy loam, medium texture, 1st rate.
 No timber.
 Undergrowth, greasewood, paloverde, and ironwood.

Subdivision of Tr. 4 S, Rg. 11 W.

Chains ✓

N.89° 59'E. on a random line bet, secs.16 and 21.

40.00

Set temp. 1/4 sec.cor.

79.90

Intersect N. and S. line 2 lks. S. of the cor. of secs. 15, 16, 21, and 22.

Thence I run

✓ S.89°58'W. on a true line bet. secs.16 and 21.

Over level land, through dense brush.

39.95

Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap, 1/4 S16 in N. and S21 1914 in 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 1/2 ft. base 1 1/2 ft. high, N. of cor.

43.90

Cross road bears N. W. and S. E.

49.80

A point from which a cor. of Yuma and Maricopa bdy. line bears N.2°35'W. 3.55 chs. dist., a post 4 ins. sq. 3 ft. above ground firmly set, marked YUMA on W. MARICOPA on E. 111 on S. and 1V on N. face.

76.25

Cross wash 15 lks. wide course S. E.

79.90

The cor. of secs. 16, 17, 20, and 21.

Land, level.

Soil, dry sandy loam, medium texture, gravelly, 1st rate.

No timber.

Undergrowth, greasewood, paloverde, and ironwood.

June, 16, 1914.

June, 18, 1914

S.0°02'E. bet. secs.20 and 21.

Over level land, through dense brush.

40.00

Set an iron post 3 ft. long, 1 in. diam., 26 ins in the ground for 1/4 sec. cor, marked on brass cap, 1/4 S20 in W. S21 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist; and raise a mound of earth 3 1/2 ft base 1 1/2 ft. high, W. of cor.

80.00

Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor of secs. 20, 21, 28 and 29., marked on brass cap

T48R11W in N. and

1914 in S. half;

S20 in N. W.

S21 in N. E.

S28 in S.E. and

S29 in S. W. quadrant; from which, a

A Paloverde 8 ins. diam. bears S.72 1/2° W. 239 lks.

dist., marked T48R11WS29RT. No other bearings available; dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft high, W. of cor.

Land, level.

Soil, dry sandy, gravelly, mixed with small rocks 2nd rate.

No timber.

Undergrowth, greasewood, paloverde, and ironwood.

✓ N.89°53'E. on a random line bet. secs.21 and 28.

40.00

Set temp. 1/4 sec. cor.

79.96

Intersect N. and S. line at the cor. of secs. 21, 23, 27, and 28.

Thence I run

✓ S.89°58'W. on a true line bet. secs. 21 and 28.

Over level land, through dense brush.

39.98

Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for 1/4 sec. cor., marked on brass cap, 1/4 S21 in N. and S28 1914 in 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 1/2 ft. base 1 1/2 ft. high, N. of cor.

79.96

The cor. of secs. 20, 21, 28, and 29.

Land, level.

Soil, dry sandy loam medium texture mixed with gravel and small rocks, 2nd rate. No timber.

Undergrowth, greasewood, paloverde, and ironwood

Subdivision of Tr. 4 S. Rg. 11 W.

Chains

Note: June, 18: At this cor. I set off $23^{\circ} 25\frac{1}{2}' N.$ on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $33^{\circ} 03\frac{1}{2}' N.$

40.00 $90^{\circ} 02' E.$ bet. secs. 28 and 29.
Over level land, through dense brush.
Set an iron post 3 ft. long, 1 in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S29 in W. S28 in E. and 1914 in S. half; from which
A Paloverde 8 ins. diam. bears $S. 84\frac{1}{4}^{\circ} E.$ 103 lks. dist., marked $\frac{1}{4}$ S28BT.
A Paloverde 7 ins. diam. bears $S. 30\frac{1}{4}^{\circ} W.$ 358 lks. dist., marked $\frac{1}{4}$ S29BT.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 28, 29, 32, and 33. marked on brass cap
T4SR11W in N. and 1914 in S. half;
S29 in N. W.
S28 in N. E.
S35 in S. E. and S32 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, level.
Soil, dry, sandy, gravelly, small rocks, 2nd rate.
No timber.
Undergr owth, greasewood, paloverde, and ironwood.

40.00 $N 89^{\circ} 58' E.$, on a random line, bet. secs. 28 and 33.
Set temp. $\frac{1}{4}$ sec. cor.

80.02 Intersect N. and S. line 2 lks. S. of the cor. of secs. 27, 28, 33, and 34.

Thence I run
 $S. 89^{\circ} 57' W.$, on a true line, bet. secs. 28 and 33.
Over level land, through dense brush.

40.01 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for the $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S28 in N. and S33 1914 in S. half; from which
A Paloverde 20 ins. diam. bears $N. 25^{\circ} W.$ 179 lks. dist., marked $\frac{1}{4}$ S28BT.
A Paloverde 8 ins. diam. bears $S. 50^{\circ} W.$ 42 lks. dist., marked $\frac{1}{4}$ S33BT.

80.02 The cor. of secs. 28, 29, 32, and 33.
Land, level.
Soil, dry sandy loam, medium texture, gravelly, 1st rate.
No timber.
Undergrowth, greasewood, paloverde, and ironwood.

40.00 $90^{\circ} 02' E.$ on a random line bet. secs. 32 and 33.
Set temp. $\frac{1}{4}$ sec. cor.

80.11 Intersect the S. bdy. of Tr. 47 lks. E. of the cor. of secs. 4, 5, 32, and 33, reestab. by J.B. Wright as described in book "D" Thence I run

$N. 0^{\circ} 18' E.$, on a true line, bet. secs 32 and 33.
Over level land, through dense brush.

40.11 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 32 in W. S33 in E. and 1914 in S. half; from which
An Ironwood 6 ins. diam. bears $S. 88\frac{1}{2}^{\circ} W.$ 158 lks. dist., marked $\frac{1}{4}$ S32BT. No other bearings available.
Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft dist; and raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high, W. of cor.

Subdivision of Tp.4 S. Rg.11 W.

Chains 80.11	The cor, of secs.28, 29, 32, and 33. Land level. Soil, Sandy loam, gravelly with small rocks 2nd rate. No timber. Undergrowth, greasewood, paloverde, and ironwood.
	June, 18, 1914.
	1914
	June, 17: At 7h a.m. l.m.t., I set off 33°07'N. on the lat. arc; 33°23' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs.5, 6, 31, and 32, on the N. bdy. of the Tp., estab. by me as described in book "B"
	Thence I run
	S.0°03'E, bet. secs. 5 and 6. Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S6 in W. S5 in E. and 1914 in S. half; dig pits 18 x 18 x 12 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, on W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground, for the cor. of secs.5, 6, 7, and 8., marked on brass cap,
	T4SR11W in N. and 1914 in S. half; S6 in N. W. S5 in N. E. S8 in S. E. and S7 in S. W. quadrant; dig pits 18 x 18 x 12 ins.
	in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft high, on W. of cor. Land, level.
	Soil, dry sandy loam medium texture, mixed with gravel and small rocks, 2nd rate. No timber.
	Undergrowth, greasewood, paloverde, and mesquite.
	East on a random line bet. secs.5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 2 lks. N. of the cor. of secs. 4, 5, 8, and 9.
	Thence I run
	N. 89°59'W., on a true line bet. secs.5 and 8.
	Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S8 in N. and S8 1914 in 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 $1\frac{1}{2}$ ft. high, on N. of cor.
80.00	The cor of secs. 5, 6, 7, and 8. Land level.
	Soil, dry sandy loam, gravelly 1st rate.
	No timber.
	Undergrowth, greasewood, paloverde, mesquite, and ironwood.
	West, on a random line, bet. secs.6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
68.62	Intersect W. bdy. of Tp. at the cor. of secs. 1, 6, 7, and 12., estab. by J.B. Wright as described in book "A"
	Thence I run
	East, on a true line, bet. secs. 6 and 7.
	Over level land through dense brush.
26.60	Cross road bears N. W. and S. E.
28.62	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for the $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S6 in N.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains.	
	and S7 1914 in S. half; from which A Paloverde 7 ins. diam. bears N. 61° W. 155 lks. dist., marked †S6BT. A Paloverde 5 ins. diam. bears S. 73° E. 150 lks. dist., marked †S7BT.
44.00	Cross wash 75 lks. wide course S. E.
68.62	The cor. of secs. 5, 6, 7, and 8. Land, level. Soil, dry sandy loam of medium texture, 1st rate. No timber. Undergrowth, greasewood, paloverde, ironwood and mesquite,
—	
	S0°03' E. bet. secs. 7 and 8. Over level, land, through dense brush.
39.65	Cross road bears N. W. and S. E.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap †S7 in W. S8 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
86.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 7, 8, 17, and 18, marked on brass cap T4SR11W in N. and 1914 in S. half; S7 in N. W. S8 in N. E. S17 in S. E. and S18 in S. W. quadrant; from which A Paloverde 12 ins. diam. bears N. 47° W. 102 lks. dist., marked T4SR11WS7BT. A Paloverde 12 ins. diam. bears S. 84 $\frac{1}{4}$ ° W. 90 lks. dist., marked T4SR11WS18BT. No other bearings available; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth 4 ft. base 2 ft. high W. of cor. Land, level. Soil, dry, medium texture, sandy loam, mixed with gravel and small rocks, 1st rate. No timber. Undergrowth, paloverde, greasewood, ironwood, and mesquite.
Note:	June, 17; At this cor., I set off 23° 23' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33° 05' N.
—	
	S. 89° 59' E. on a random line bet, secs. 8 and 17.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 2 lks N. of the cor of secs. 8, 9, 16, and 17. Thence I run N. 89° 58' W., on a true line, bet. secs. 8 and 17. Over level land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, †S8 in N. and S17 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high, N. of cor.
41.20	Cross road bears N. W. and S. E.
80.00	The cor. of secs. 7, 8, 17 and 18. Land, level. Soil, dry sandy loam, medium texture mixed with gravel and small rocks 2nd rate. No timber. Undergrowth, greasewood, paloverde, ironwood, and mesquite.

Subdivision of Tp 4 S. Rg. 11 W.

Chains
 40.00 West on a random line bet. secs. 7 and 18.
 Set temp. $\frac{1}{4}$ sec. cor.
 68.74 Intersect W. bdy. of Tp. 2 lks. S. of the cor of secs. 7, 12, 13, and 18, estab. by J.B. Wright as described in book "A" Thence I run
 S. $89^{\circ}59'E.$, on a true line, bet. secs. 7 and 18.
 Over ~~mtsl~~ land, through dense brush. Ascend.
 11.35 Top of high malpais ridge bears N. W. and S. E. Descend.
 23.25 Bottom of descent. level land, from 4 th to 2nd rate soil.
 28.74 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S7 in N. and S18 1914 in S. half; raise a mound of stone, 2 ft. base, $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
 34.24 Cross wash 30 lks. wide course S. E.
 66.74 Cross wash 150 lks wide course S.
 68.74 The cor. of secs. 7, 8, 17, and 18.
 Land level and mountainous.
 Soil, Sandy, gravelly, and rocky 2nd and 4th rate.
 No timber.
 Undergrowth, greasewood, paloverde, and ironwood.

June, 17, 1914.

1914

June, 18: At 7h a.m. 1.m.t., I set off $33^{\circ}05'N.$ on the lat. arc; $23^{\circ}35'N.$ on the decl. arc; and determine a meridian with the solar at the cor. of secs. 7, 8, 17, and 18.

Thence I run
 S. $0^{\circ}03'E.$ bet. secs. 17 and 18.
 Over level land, through dense brush.
 40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S18 in W. S17 in E. and 1914 in S. half; from which
 A Paloverde 6 ins. diam. bears S. $1^{\circ}E.$ 8 lks. dist., marked $\frac{1}{4}$ S17BT.
 A Paloverde 10 ins. diam. bears S. $52^{\circ}W.$ 135 lks. Dist., marked $\frac{1}{4}$ S18BT.

This cor. is on East bank of a wash, 70 lks wide, course S.
 59.50 Cross wash 70 lks. wide course S. E.
 80.00 Set an iron post 3 ft. long, 2 in. diam., 24 ins. in the ground for the cor of secs. 17, 18, 19, and 20., marked on brass cap

T48R11W in N. and 1914 in S. half;
 S18 in N. W.
 S17 in N. E.
 S20 in S. E. and S19 in S. W. quadrant; from which
 An Ironwood 6 in. diam. bears N. $33\frac{1}{2}^{\circ}W.$ 188 lks. dist., marked T48R11WS18BT.
 A Paloverde 10 ins. diam. bears N. $22\frac{1}{4}^{\circ}E.$ 81 lks. dist., marked T48R11WS17BT.
 A Paloverde 8 in. diam. bears S. $24\frac{3}{4}^{\circ}E.$ 115 lks. dist., marked T48R11WS20BT.
 A Paloverde 8 in. diam. bears S. $78\frac{3}{4}^{\circ}W.$ 360 lks. dist., marked T48R11WS19BT.

Land, level.

Soil, dry sandy loam, medium texture, mixed with gravel and small rocks, 2nd rate.
 No timber.
 Undergrowth, greasewood, paloverde, and ironwood.

S. $89^{\circ}58'E.$ on a random line bet. secs. 17 and 20.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.03 Intersect N. and S. line 3 lks. N. of the cor. of secs. 16, 17, 20, and 21.
 Thence I run

N. $89^{\circ}57'W.$, on a true line bet. secs. 17 and 20.
 Over level land, through dense brush.
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the

Subdivision of Tp 4 S. Rg. 11 W.

Chains
 ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S17 in N. and S20 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high, N. of cor.
 57.00 Cross wash 70 lks. wide course S. E.
 80.02 The cor. of secs. 17, 18, 19, and 20.
 Land, level.
 Soil, dry sandy loam, gravelly mixed with small rocks, 2nd rate. No timber.
 Undergrowth, paloverde, greasewood, and ironwood.

N. $89^{\circ}59'$ W. on a random line bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 68.82 Intersect W. bdy. of Tp. 5 lks N. of cor. of secs. 13, 18, 19 and 24, estab. by J.B. Wright as described in book "A"
 Thence I run
 N. $89^{\circ}59'$ E. on a true line bet. secs 18 and 19.
 Over gently rolling land, through dense brush.

28.82 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap, $\frac{1}{4}$ S18 in N. and S19 1914 in S. half; from which
 A Paloverde 10 ins. diam. bears N. $11\frac{1}{2}^{\circ}$ E. 286 lks. dist., marked $\frac{1}{4}$ S18BT.
 A Paloverde 8 ins. diam. bears S. $14\frac{1}{4}^{\circ}$ W. 112 lks. dist., marked $\frac{1}{4}$ S19BT.

68.82 The cor. of secs. 17, 18, 19, and 20.
 Land, rolling.
 Soil, sandy, gravelly, rocky, 3rd rate.
 No timber.
 Undergrowth, greasewood, paloverde, and ironwood.

June, 18, 1914.

1914
 June, 19: At 7h a.m. l.m.t., I set off $33^{\circ}04\frac{1}{2}'$ N. on the lat. arc; $23^{\circ}26\frac{1}{2}'$ 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
 S. $0^{\circ}03'$ E. bet. secs. 19 and 20.
 Over rolling land, through scattering brush.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S19 in W. S20 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 19, 20, 29, and 30. marked on brass cap
 T4SR11W in N. and 1914 in S. half;
 S19 in N. W.
 S20 in N. E.
 S29 in S. E. and S30 in S. W. quadrant; from which
 A Paloverde 8 ins. diam. bears N. $42\frac{1}{4}^{\circ}$ W 259 lks. dist., marked T4SR11WS19BT.
 A Paloverde 8 in. diam. bears S. $40\frac{1}{2}^{\circ}$ E. 48 lks. dist., marked T4SR11WS29BT. No other bearings available.
 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. (Pits impracticable.)
 Land, rolling.
 Soil, sandy, gravelly, rocky 3rd rate.
 No timber.
 Undergrowth, greasewood, paloverde, and ironwood.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains	
40.00	S89°57'E. on a random line bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line 7 lks. S. of the cor. of secs. 20, 21, 28, and 29. Thence I run
38.20	West, on a true line, bet. secs. 20 and 29. Over level land, through dense brush.
40.00	Cross wash 70 lks. wide course S. E. Set an iron post 3 ft. long, 1 in. diam., 26 ins in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S20 in N. and S29 1914 in S. half; from which
	An Ironwood 14 in. diam. bears N.55 $\frac{1}{4}$ E. 160 lks. dist., marked $\frac{1}{4}$ S20BT.
	A Paloverde 12 in. diam. bears S.59 $\frac{1}{4}$ E. 150 lks. dist., marked $\frac{1}{4}$ S29BT.
80.00	The cor. of secs. 19, 20, 29, and 30. Land, level. Soil, dry sandy loam mixed with gravel and small rocks, 2nd rate. No timber. Undergrowth, greasewood, paloverde, and ironwood.
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40.00	S.89°59'W. on a random line bet. secs. 19 and 30. Set. temp. $\frac{1}{4}$ sec. cor.
68.95	Intersect W. bdy. of Tp. 20 lks. S. of the cor. of secs. 19, 24, 25, and 30, estab. by J.B. Wright as described in book "A" Thence I run
38.95	S.89°51'E., on a true line, bet. secs. 19 and 30. Over rolling land, through dense brush.
68.95	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S19 in N. and S30 1914 in S. half; from which
	An Ironwood 8 ins. diam. bears N.28°W. 130 lks. dist., marked $\frac{1}{4}$ S19BT.
	A Paloverde 5 ins. diam. bears S.40°W. 172 lks. dist., marked $\frac{1}{4}$ S30BT.
68.95	The cor. of secs. 19, 20, 29, and 30. Land, rolling. Soil, sandy, gravelly, rocky, 3rd rate. No timber. Undergrowth, greasewood, paloverde, and ironwood.
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40.00	S0°03'E., bet. secs. 29 and 30. Over rolling land, through dense brush.
80.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S30 in W. S29 in E. and 1914 in S. half; from which
	An Ironwood 7 ins. diam. bears N.19 $\frac{1}{2}$ °W. 130 lks. dist., marked $\frac{1}{4}$ S30BT.
	A Paloverde 6 ins. diam. bears S.87 $\frac{1}{4}$ E. 305 lks. dist., marked $\frac{1}{4}$ S29BT.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground for the cor. of secs. 29, 30, 31, and 32., marked on brass cap,
	T4SR11W in N. and 1914 in S. half;
	S30 in N. W.
	S29 in N. E.
	S32 in S. E. and S31 in S. W. quadrant; from which
	An Ironwood 7 ins. diam. bears N.84°W. 71 lks. dist., marked T4SR11WS30BT.
	An Ironwood 6 ins. diam., bears S.49 $\frac{1}{2}$ °W. 87 lks. dist., marked T4SR11WS31BT. No other bearings available; raise a mound of stone, 2 ft; base, 1 $\frac{1}{2}$ ft. high, on W. of cor. Pits impracticable.

Subdivision of Tp. 4 S. Rg. 11 W.

Chains	
	Land, rolling. Soil, sandy, gravelly, small rocks 3rd rate. No timber. Undergrowth, greasewood, paloverde, and ironwood.
Note:	June, 19: At this cor., I set off 23°26' N. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is 33°03½' N.
	East on a random line bet. secs. 29 and 32.
40.00	Set temp. ¼ sec. cor.
79.98	Intersect N. and S. line 2 lks. S. of the cor. of secs. 28, 29, 30, and 31. Thence I run
	S. 89°59' W. on a true line bet. secs. 29 and 32. Over level land, through dense brush.
24.60	Cross wash 75 lks. wide course S.
39.99	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S29 in N. and S32 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of cor. 3 ft. dist; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
79.98	The cor. of secs. 29, 30, 31, and 32. Land, level. Soil, dry sandy loam, medium texture mixed with gravel and small rocks. 2nd rate. No timber. Undergrowth, greasewood, paloverde, and ironwood.
	N. 89°51' W. on a random line bet. secs. 30 and 31.
40.00	Set temp. ¼ sec. cor.
69.05	Intersect W. bdy. of Tp. 16 lks. N. of the cor. of secs. 25, 30, 31, and 36., estab. by Jesse B. Wright, as described in book "A" Thence I run
	S. 89°59' E. on a true line bet. secs. 30 and 31. Over rolling land, through dense brush.
29.05	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S30 in N. and S31 1914 in S. half; dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist; and raise a mound of earth 3½ ft. base 1½ ft. high, N. of cor.
69.05	The cor. of secs. 29, 30, 31, and 32. Land, rolling. Soil, sandy, gravelly, rocky, 3rd rate. No timber. Undergrowth, greasewood, ironwood, and paloverde.
	S. 0°03' E. on a true line bet. secs. 31 & 32.
40.00	Over rolling land, through dense brush.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for ¼ sec. cor., marked on brass cap ¼ S31 in W. S32 in E. and 1914 in S. half; dig pits 18 x 18 x 12 ins. N. and S. of the post. 3 ft. dist; and raise a mound of earth 3½ ft. base 1½ ft. high, W. of cor.
79.90	Intersect S. bdy. of Tp. 82 lks. S. 89°48' E. of cor. of secs. 5 & 6 T. 5 S., R. 11 W., reestab. by Jesse B. Wright, as described in book "D". At point of intersection I set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for closing cor. of secs. 31 and 32, marked on brass cap CC, N. of center; T4S in N. T5S S5 S6 1914 in S. and R11W in W. half; S31 in N.W. and S32 in N.E. quadrant; and from which,

Subdivision of Tp. 4 S. Rg. 11W.

A Paloverde 4 ins. diam., bears N. 57° W. 63 lks.
dist., marked CCT4SR11WS31BT.

A Paloverde 6 ins. diam., bears N. 48° E. 86 lks.
dist., marked CCT4SR11WS32BT.

Land, rolling.

Soil, sandy, gravelly, rocky, 3rd rate.

No timber.

Undergrowth, greasewood, paloverde, and ironwood.

June, 19, 1914.

GENERAL DESCRIPTION.

This township is level and covered with a dense growth of greasewood, mesquite and paloverde brush. The soil is generally a sandy loam loose and dry. There is no water in the Tp. and no settlers.

John P. Hesse
U. S. Surveyor.

FOR FINAL OATH OF UNITED STATES SURVEYOR.
See Book "E"

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 Aug 27, 1915

The foregoing field notes of the survey of *the* _____
Subdivision lines of
Township 4 South - Range 11 West
of the Gila and Salt River Base and Meridian
in the State of Arizona.

executed by *John F. Hesse, U.S. Surveyor*
under his special instructions dated *Feb. 10, 1914* for *Group 32*, ~~191~~ _____, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank Ingalls
U. S. Surveyor General.
OF ARIZONA.

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