

Book-2.

Re-survey East Bdy & Subs

T. 9 N. R. 6 W.

BOOK 1019

No. 19

4-671

FIELD NOTES

GENERAL LAND OFFICE.

1019

No. 1019

BOOK 1019

1

Field Notes
of the Resurvey of the
East Boundary
and Survey of the
Subdivision Lines
of
Township No 9 North, Range No
6. West
of the
Gila and Salt River Base
and Meridian
in the
Territory of Arizona
as surveyed by
Philip Coulter
U. S. Deputy Surveyor
Under his Contract No. 43.
Dated, Feb. 11th 1897.
Survey Commenced. May 9th 1897
Survey Completed. May 21st 1897

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18



12 16 7

T9N. R6W



East Boundary

13 14 18



24. 12 19



25 10 30



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BOOK 1019

(4-674.)

Township 9 N. R. 6 W.

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Resurvey of the East boundary

Survey commenced May 9th 1897
and executed with a Young and
Sons light mountain transit
No 5609, with a Smith's solar
attachment.

The instrument was examined,
tested on the true meridian at
Tucson and found correct and
was approved by the Surveyor General
for Arizona, April 30. 1897

Preliminary to commencing the
Subdivisions of Township 9 N. R.
6 W., I find it necessary to re-
survey the East boundary of this
Township, as nearly all of the
corners of said boundary are
obliterated and out of alinement

I begin at the cor. of townships
8. and 9 North, Ranges 5 and

of T. 9 N. - R. 6 W.

6 West, which is a post 3. ins. square, 4 ft. long, lying on the ground, with mound of earth and faint indications of pits. I destroy all traces of the old corner and reestablish it at the same point by setting a malpais stone 15 x 12 x 8 ins. in the ground for Standard cor. of Tps. 9 N., Ro. 5 and 6 W, marked S.C. on N., with 6 grooves on N., E., and W. faces, dug pits 30 x 24 x 12 ins., crosswise on each line, E. and W. 4 ft., and N. of Stone, 8 ft. dist., and raised a mound of earth, 5 ft base, 2½ ft high, N. of cor.

Latitude $34^{\circ}4'N.$

Longitude $112^{\circ}46'W$

In order to test the solar apparatus, by comparing the results of observations

Resurvey of the East boundary

on the sun made during A.M. and P.M. hours, with a true meridian, determined by observations on Polaris, I proceed as follows:

At 3^h 0.^m P.M. L.M.T., I set off $34^{\circ}4'$ on the latitude arc; $17^{\circ}37'$ N. on the decl. arc; and mark the true meridian thus determined with the solar, by a cross on a stone firmly set in the ground 5 cho. N. of the instrument.

May 9th 1897

May 10th: At 4^h 6.^m 13 - A.M. L.M.T. I observe Polaris at eastern elongation, in accordance with instructions in the "Manual", and mark the line thus determined, by a tack driven in a wooden plug set in

of T. G. N. R. 6 W. Continued.

the ground 5 chs. N. of my station.
 At 6 A.M., I lay off the azimuth
 of Polaris, $1^{\circ}30'$ to the West and
 mark the true meridian thus de-
 termined, by cutting a small groove
 in the stone set yesterday, on which
 the true meridian falls 0.11 ins. west
 of the mark determined by the solar.
 At $8^{\text{h}} 20^{\text{m}}$ A.M. I. m. E. I set off
 $34^{\circ}4'$ on the lat. arc; $17^{\circ}47' N.$
 on the decl. arc; and mark the
 true meridian determined with
 the solar, by a cross on the stone
 already set 5 chs. N. of my station;
 this mark falls 0.3 ins. west of
 the true meridian established
 by the Polaris observation. The
 solar apparatus by P.M. and A.M.
 observations, defines positions

Resurvey of the East boundary

chains

for true meridians, about 0'6" east and 0'9" west of the meridian established by the Polaris observations, therefore, I conclude that the adjustments of the instrument are satisfactory. The magnetic bearing of the true meridian, at 8^h20^m l.m.t. A.M. is N. 13°48' W.; the angle thus determined, reduced by the table page 100, gives the mean magnetic ded. 13°45' East.

Thence I run N. on a random line and finding only trees of crows and those out of alignment, I return to the corner of Townships 9 N. Rs. 5 and 6 West already described by me and run North on a true line bet Secs

31 and 36

of T. G. N. R. C. W. continued
 Chains

- 3.00 Enter catclaw undergrowth.
- 11.50 Junction of two dry washes, courses S. and S.E., continuing S.E.
- 13.50 Leave dry wash 30 lks. wide, course S.S.W.
- 22.10 Cross same dry wash 20 lks. wide, course S.S.E.
- 40.00 Set a malpais stone 16 x 6 x 6 ins. 11 ins. in the ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on W. face, dig pits 18 x 18 x 12 ins. N. and S. of stone, 3 ft. dist., and raised a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 All indications of old cor. have disappeared.
- 45.00 Enter scattering ocatillas.
- 61.22 Road from Wickenburg to Congress Junction bears N.W. and S.E.
- 70.05 Cross old road to Congress Junction, bearing N.W. and S.E.

Resurvey of the East boundary Chains.

80.00 Set a quartz stone $16 \times 8 \times 5$ ins. 11 ins.
in the ground for cor. to Secs. 25, 30,
31, and 36, marked with 5 notches
on N. and 1 notch on S. edges, dig pits
 $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist.,
and raised a mound of earth 4 ft.
base, 2 ft high, W. of cor.

Diligent search failed to show any
signs of old corner.

Land, rolling.

Soil, loam, 1st rate.

No timber; undergrowth catclaw
brush and ocotillo.

North bet. Secs 25 and 30.

Over rolling land.

8.95 Cross dry wash 15 lbs. wide, course S.E.

40.00 Set a mesquite post 3 ft. long, 3 ins.
sq., with charred stake, 24 ins. in

of T. 9 N. R. 6 W. Continued.
 Chain

the ground, for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ S. on W. face; dig pits $18 \times 18 \times 12$ 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.

From this point the old $\frac{1}{4}$ Sec. Cor., a decayed post, bears S. 10° W., 2 chs dist. I destroy all evidences of old cor.

66.53 Cross dry wash, 30 lbs wide, course S.

80.00 Set a mesquite post, 3 ft long, 4 ins. sq., with charred stake, 24 ins. in the ground, for cor. of secs. 19. 24.

25 and 30; marked

T. 9 N. S. 19 on N.E.,

R. 5 W. S. 30 on S.E.;

S. 25 on S.W., and

R. 6 W. S. 24. on N.W. face, with 4 notches on N. and 2 notches on S. edges, dig pits $18 \times 18 \times 12$ ins. in

Resurvey of the East boundary

Chain

each sec., $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

From this cor. the old cor., a decayed stake lying on the ground, bears N. 89° E. 117 lks. dist. No signs of pits. I destroy all traces of old cor. Land, rolling and level.

Soil, loam 2^d rate.

No timber; scattering mesquite and catclaw undergrowth.

North bet. Secs. 19 and 24.

Across level land.

- 7.45 Cross dry wash 10 lks. wide, course SW.
- 10.00 Cross dry wash 20 lks. wide, course SW.
- 32.75 Cross old road bears NW. and SE.
- 40.00 Set a mesquite post 3 ft. long, 3 ins. square, with charred stake, 24 ins.

of T. 9 N. R. 6 W. Continued,
 Chains.

in the ground, for $\frac{1}{4}$ Sec. Cor marked
 $\frac{1}{4}$ S. on W. face, dig pits 18x18x12 ins,
 N. and S. of post, 3 ft dirt, and raise
 a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft
 high, W. of cor.

No signs of old cor. were discovered
 after diligent search.

- 65.50 Cross dry wash 5 ths. wide, course S.E.
 67.17 Cross dry wash 10 ths wide, course S.E.
 75.50 Cross old road bears N.W. and S.E.
 80.00 Set a mesquite post 3 ft long, 4 ins.
 squ., with charred stake, 24 ins. in
 the ground, for cor. to secs. 13. 18. 19.
 and 24., marked
 T. 9 N. S. 18 on N.E.,
 R. 5 W. S. 19 on S.E.,
 S. 24. on S.W., and
 R. 6 W. on N.W. face, with 3 notches
 on N. and S. edges, dig pits 18x18x12

Resurvey of the East boundary

Chamo

ris. in each sec. $5\frac{1}{2}$ ft. dist; and
raise a mound of earth, 4 ft. base,
2 ft. high, W. of cor.

From this point the old sec. cor.
a 6 ris. mesquite post, bears $S.37\frac{1}{2}^{\circ}$
E, 34 lks dist. I destroy all
evidences of old cor.

Land, level.

Soil, sandy and gravelly, 2^d rate.

No timber; scattering mesquite
undergrowth.

North bet. Secs. 13. and 18.

Over rolling land.

23.80 Descend along W. slope of spur of
mesa; bearing Northerly and Southerly.

34.00 Foot of mesa.

37.00 Cross dry wash 21 lks. wide. course
N.N.E.

of T. G. N. R. 6 W. Continued.

Chains

- 40.00 Set a mesquit post, 3 ft long, 3 ins. sq. 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. on W. face; from which
- A mesquite tree 6 ins. diam. bears N. $30\frac{3}{4}^{\circ}$ E; 21 lks. dist. marked $\frac{1}{4}$ S. B.T.
- A mesquite tree 5 ins. diam. bears S. $78\frac{1}{2}^{\circ}$ W. 49 lks. dist., marked $\frac{1}{4}$ S. B.T.
- 40.60 Cross dry wash 10 lks. wide, course S.
- 47.45 Cross old road, course S.E.
- 51.45 Cross dry wash 7 lks. wide, course Easterly
- 56.00 Enter wash, course S.E.
- 57.00 Enter dense undergrowth.
- 76.00 Leave wash and dense undergrowth
- 80.00. Set a granite stone 18 x 8 x 8 ins. 12 ins. in the ground, for cor. of secs. 7-12, 13. and 18., marked with 2 notches on N. and 4 notches on S. edges, dig pits, 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft

Recovery of the East boundary of
 Charis

dist, and raise a mound of earth
 4 ft base, 2 ft high. W. of cor.

From which.

A mesquite tree 3 ins. diam. bears
 N. 83° W. 92 1/2 lks. dist. marked. T. 9 N.

R. 6 W. S. 12 BT.

No other trees within limits.

Diligent search fails to discover
 any signs of the old cor.

Land, rolling and level.

Soil, sandy and gravelly, 2^d and 3^d
 rate.

Timber, a few mesquite trees,
 undergrowth, mesquite and cottonwood.

Dense undergrowth 19 chs.

North bet Sec. 7 and 12

Over rolling land.

3.00 Ascend S.E. slope of mesa

T. G. N. R. C. W. Continued.

Chains.

- 20.00 Top of mesa bears N.W. and S.E.
- 40.00 Set a granite stone 16x10x8 ins. 11 ins. in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on W. face, dig pits 18x18x12 ins. N. and S. of stone, 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. I fail to find, after diligent search any signs of old $\frac{1}{4}$ Sec Cor.
- 57.15 Cross dry wash 10 lks. wide, course W.
- 62.00 Commence me to descend
- 62.60 In bottom, dry wash 20 lks. wide, course N.W.
- 66.40 Cross dry wash 8 lks. wide, course S.W.
- 67.85 Cross dry wash 25 lks. wide, course S.W.
- 69.00 Center dry wash, course S.W.
- 70.05 Leave dry wash, course S.W.
- 75.65 Cross dry wash, 8 lks. wide, course S.W.
- 77.00 Cross dry wash 50 lks. wide, course S.W.

Recovery of the East boundary of

Chamie

78.60 Cross dry wash 30 lks wide, course SW.

80.00 Set a granite stone 16x8x8 ins. 11 ins. in the ground for cor to secs.

1, 6, 7, and 12. marked with 1 notch on N. and 5 notches on S. edges;

dig 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.

No signs of old cor. found after diligent search

Land rolling.

Soil, gravel and loam, 2^d and 3^d rate

No timber, scattering catsclaw under growth.

North bet. Secs. 1 and 6.

Over gently rolling land.

3.50 Cross dry wash 70 lks wide, course SW.

7.35 Cross dry wash 5 lks wide, course W.

T. G. N. R. 6 W. Continued.

Chains.

- 14.60 Cross dry wash 10 lks. wide, course SW.
- 16.75 Cross dry wash 5 lks. wide, course SW.
- 24.90. Cross dry wash 18 lks. wide, course SW.
- 27.50 Cross dry wash 10 lks. wide, course S.S.E.
- 32.50 Same dry wash 15 lks. wide course SW.
- 37.00 Ascend slope of mesa.
- 40.00 Set a granite stone 16 x 8 x 6 ins.
11 ins. in the ground for $\frac{1}{4}$ sec. Cor.
marked $\frac{1}{4}$ on W. face, dig pits 18 x 18
x 12 ins. N. and S. of stone, 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 Top of mesa.
- 74.40 Cross road from Tarnell mine,
via Stanton, to Congress Junction,
bearing N.E. and S.W.
- 80.00 Set a granite stone 18 x 14 x 12 ins.
12 ins. in the ground for cor. of Tps.
9 and 10 N., Rs. 5 and 6 W., marked

Resurvey of the East boundary of T. 9 N. R. 6 W. 6th
 chain

10 N on NE.

5 W. on SE.

9 N. on SW. and

6 W. on NW. faces, with 6 notches
 on each edge, dug pits 24 x 24 x
 12 ins. on each line, N. E. and W.
 4 ft. and S. of stone 8 ft. dist; and
 raised a mound of earth, 5 ft
 base, 2 1/2 ft high S. of cor.

Diligent search failed to discover
 any signs of the old corners.

Land, gently rolling.

Soil, gravel and loam 2^d and 3^d
 rate

No timber.

May 11th 1897.

Note. Township 9 N. R. 5 W. is
 rolling and broken land

Subdividing T. 9. N. R. 6 W.
Chains.

covered with greasewood,
palo verde, and cactus
undergrowth. There are
no settlers in the town-
ship; the land is mostly
worthless, and should not
be subdivided.

Philip Coutzen
U. S. Deputy Surveyor

May 15th At 7th 30^m A.M.
local mean time, I
set off $34^{\circ} 4'$ on the
latitude arc; $19^{\circ} 1'$ North,
on the declination arc,
and determine a true
meridian with the solar
at the Standard corner
to sec. 35. and 36. on

Subdivision of T. 9 N.

Chains

the South boundary of Township 9 North, Range 6 West, heretofore described by me.

Thence I run
N. 0° 1' W. bet Secs. 35 and 36.

Over gently rolling ground.

10.00 Enter scattering greasewood undergrowth, trending N.W. and S.E.

17.00 Leave scattering greasewood undergrowth, trending N.W. and S.E.

27.00 A palo verde tree 20 ins. diam. bears 10 lbs. W. of line

40.00 Set a mesquite post 3 ft. long, 3 ins. sq., with marked stone, 24 ins. in

R. 6 W. Continued

Chamiso.

the ground, for $\frac{1}{4}$ Sec. cor. marked
 $\frac{1}{4}$ S. on W. face, dig pits $18 \times 18 \times 12$ 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 a granite stone $16 \times 8 \times 8$ ins. 11
 ins. in the ground for cor to secs.
 25, 26, 35 and 36. marked with
 a notch on S. and E. edges; dig pits
 $18 \times 18 \times 12$ 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, gently rolling.
 Soil, granitic, 2^d rate.
 No timber.

East on a random line bet Secs.

25 and 36.

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

Subdivision of T. 9 N.

Chamo.

80.25 Intersect E. bdy. of the Tp. 5 lks S. of the cor. of secs 25, 30, 31, and 36, already described by me.

Thence I run

S. $89^{\circ}58'W.$ on a true line bet
Secs. 25 and 36.

Over rolling ground.

7.50 Road from Wickensburg to Congress Junction bears N. $11^{\circ}W.$ and S. $1^{\circ}E.$

22.59 Cross Santa Fe, Prescott and Phoenix Railway bears N $14^{\circ}14'W.$ and S. $14^{\circ}14'E.$

23.25 Paso telegraph line of Santa Fe, Prescott and Phoenix Railway, trending N. $14^{\circ}14'W.$ and S. $14^{\circ}14'E.$

40.12 $\frac{1}{2}$ Set a mesquite post 3 ft long, 3 ins sq. with marked stone, 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S. on N. face, dig pits $18 \times 18 \times 12$ ins

R. C. W. Continued.

Chassis.

E. and W. of post, 3 ft. dist; and
make a mound of earth $3\frac{1}{2}$ ft
base, $1\frac{1}{2}$ ft high, N. of cor.

48.65 Cross dry wash 20 ft wide, or more S.W.

49.00 Leave undergrowth trending N.E. and
S.W.

80.25 The cor to Secs. 25, 26, 35 and 36,
Land rolling.

Soil, 2^d rate, gravelly.

No timber; undergrowth mesquite
and catsclaw bush.

N. 0° 1' W. bet. Secs 25 and 26

Over rolling land.

15.00 Enter greasewood bush.

40.00 Set a mesquite post 3 ft long, 3 in
square, with marked stone 27 in.
in the ground for $\frac{1}{4}$ Sec. cor. marked
 $\frac{1}{4}$ S. on W. face; dig pits 18 X 18 X 12

Subdivision of T. 9 N.

Cheris

ins. N. and S. of post, 3 ft dist.,
and raised a mound of earth 3 1/2 ft.
base, 1 1/2 ft high, W. of cor.

60.50 Leave greasewood bush

67.15 Cross dry wash 7 lbs. wide, course S6.

68.50 Cross dry wash 40 lbs. wide, course S6.

80.00. Set a granite stone 17 x 6 x 5 ins,
12 ins. in the ground for cor. to Secs.
23. 24. 25. and 26, marked with
2 notches on S. and 1 notch on E.
edges, dig pits 18 x 18 x 12 ins. in each
sec. 5 1/2 ft. dist.; and raised a
mound of earth 4 ft. base, 2 ft. high,
W. of cor.

Land rolling.

Soil, gravelly loam, 2^d and 3^d rate,
No timber, undergrowth greasewood.

R. 6 W. Continued.

Chains.

N. $89^{\circ}58'E$. on a random line bet.
Secs 24 and 25.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.12 Intersect E. bdy. of the Tp. 3 lks S.
of the cor. to Secs. 19. 24. 25 and 30
already described by me.

Thence I run

S. $89^{\circ}57'W$. on a true line bet
Secs. 24 and 25.

Through undergrowth

15.00 Leave undergrowth trending N. and S.

20.00 Enter undergrowth trending N. and S.

27.35 Cross road from Wickenburg to
Congress Junction bearing NNW.
and S. S. E.

34.40 Cross dry wash 7 lks wide, course S.

40.06 Set a granite stone $20 \times 6 \times 5$ ins.

15 ins. in the ground for $\frac{1}{4}$ Sec. Cor.,
marked $\frac{1}{4}$ on N. face, dig pits $18 \times$

Subdivision of T. 9 N.

chains.

- 18x12 mis. E. and W. of stone, 3 ft dist,
and raise a mound of earth $3\frac{1}{2}$ ft.
base, $1\frac{1}{2}$ ft. high, N. of cor.
- 41.00 Leave undergrowth, bears N and S.
- 42.65 Cross Santa Fe, Prescott and Phoenix
Railway bearing N. $14\frac{1}{4}^{\circ}$ W and S $14\frac{1}{4}^{\circ}$ E
- 43.14 Cross Telegraph line bearing N. $14\frac{1}{4}^{\circ}$
W. and S. $14\frac{1}{4}^{\circ}$ E.
- 66.00 Enter undergrowth, bears N and S
- 76.00 Leave undergrowth, bears N. and S.
- 80.12 The cor. to secs. 23. 24. 25 and 26.
Land rolling.
Soil, gravelly, 2^d rate.
No timber, undergrowth mesquite
and catsclaw brush.
-
- N. 0° 1' W. bet Secs 23 and 24.
Overrolling ground.
- 13.00 Enter undergrowth

R. 6 W. Continued.

Chains

- 33.05 Cross dry wash 15 lks. wide, course S.W.
- 39.00 Leave under growth.
- 39.40 Cross same dry wash 7 lks. wide, course Southeastly.
- 40.00 Set a meognite post 3 ft. long, 3 ins. sq. 24 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ S. on W. face, dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft high, W of cor.
- 40.40 Cross dry wash again 7 lks wide, course Southeastly.
- 45.93 Cross dry wash 30 lks wide, course S.W.
- 49.00 Cross same dry wash 40 lks wide, course S.E.
- 52.00 Cross dry wash 10 lks wide, course S.W.
- 52.60 Cross dry wash 10 lks wide, course S.E.
- 80.00 Set a granite stone 18x8x5 ins. 12 ins. in the ground for cor. to

Subdivisions of T. 9 N.

Chas. W.

Secs. 13, 14, 23 and 24, marked with
3 notches on S. and 1 notch on E. edge,
dig pits 18x18x12 ins. in each sec.
5½ ft dist. and raise a mound
of earth 4 ft base, 2 ft. high, W. of cor.
Land, rathing.

Soil, sandy and gravelly, 2^d rate.

No timber, undergrowth mesquite
and catsclaw brush.

N. 89° 57' E. on a random line bet
Secs. 13 and 24.

40.00 Set temp. 1/4 Sec. cor.

80.10 Intersect E. bdy. of Tp. 3 lks. N. of
the cor. to secs 13, 18, 19, and 24,
already described by me.

Thence I run

S. 89° 58' W. on a true line bet.

Secs. 13 and 24.

R. 6 W. Continued.

Chains.

- Through scattering catclaw and greasewood brush.
- 35.00 Leave undergrowth.
- 40.05 Set a granite stone $18 \times 6 \times 6$ ins 12 ins. in the ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on N. face, dig pits $18 \times 18 \times 12$ ins. E. and W. of stone, 3 ft dist., and raise a mound of earth $3\frac{1}{2}$ ft base, $1\frac{1}{2}$ ft. high, N. of cor.
- 48.05 Cross road from Wickenburg to Congress Junction, corner NW and SE.
- 60.35 Cross Santa Fe, Prescott and Phoenix Railway bearing $N. 8\frac{3}{4}^{\circ} W.$ and $S. 8\frac{3}{4}^{\circ} E.$
- 61.23 Telegraph line bears $N. 8\frac{3}{4}^{\circ} W.$ and $S. 8\frac{3}{4}^{\circ} E.$
- 80.10 The cor to Secs. 13, 14, 23, and 24.
Land, rolling.
Soil, sandy, 2^d rate.
No timber, catclaw undergrowth.

Subdivision of T. 9. N.

Chains

- N. 0° 1' W. bet Secs. 13 and 14.
Over gently rolling ground.
- 3.00 Enter dense undergrowth bears
E. and W.
- 10.00 Leave dense undergrowth.
- 40.00 Set a mesquite post 3 ft. long, 3 in.
square, 24 in. in the ground for
1/4 Sec. lev. marked 1/4 S. on W. face,
dig pits 18 x 18 x 12 in. N. and S. of
post, 3 ft. diam., and raise a
mound of earth 3 1/2 ft base, 1 1/2 ft.
high, W. of cor.
- 50.00 Enter dense undergrowth bears
E. and W.
- 60.70 Cross dry wash 8 ths wide, course S.W.
- 67.80 Cross dry wash 10 ths wide course S.E.
- 72.75 Leave undergrowth bearing E and W.
- 74.00 Cross dry wash 7 ths wide course S.W.
- 80.00 Set a malpais stone 18 x 12 x 10 in.

R. C. W. - Continued.

chains.

12 ins. in the ground for cor. to Secs.

11, 12, 13, and 14, marked with 4
notches on S. and 1 notch on E. edge,
dig pits 18x18x12 ins. in each sec.

5 1/2 ft. diam., and raise a mound of
earth 4 ft. base, 2 ft. high, N. of cor.

Land, gently rolling.

Soil, gravelly and sandy, 2^d rate.

No timber, undergrowth catclaw
and cacti.

Land covered with dense undergrowth

29.75 cho

N. 89° 58' E. on a random line bet.

Secs. 12 and 13.

40.00 Set temp. 1/4 Sec. cor.

80.00 Intersect E. bdy. of Tr. 5 lks. N. of
the cor. to Secs. 7, 12, 13, and 18,
herebefore described by me.

Subdivision of T. 9 N.

Charris.

Thence I run

West on a true line bet Secs.

12 and 13.

Over level land.

- 2.15 Cross old road, corner NW. and SE.
- 5.00 Enter dry wash, corner NW. and SE.
- 8.00 Enter dense catclaw brush, bears N and S
- 11.00 Leave Martinez wash.
- 20.00 Leave dense undergrowth, bears N and S
- 32.00 Ascend to mesa
- 40.00 Set a granite stone $16 \times 6 \times 6$ ins.
11 ins. in the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ on N. face, dig pits 18×18
 $\times 12$ ins. E. and W. of stone, 3 ft. dist,
and raise a mound of earth $3 \frac{1}{2}$ ft.
base, $1 \frac{1}{2}$ ft. high, N. of cor.
- 66.90 Road from Wickburg to Congress
Junction bears N. and S.
- 72.67 Cross Santa Fe, Prescott, and Phoenix

R. G. W. - Continued

chains.

- Railway, trending N. $8\frac{3}{4}^{\circ}$ W. and S. $8\frac{3}{4}^{\circ}$ E.
 73.00 Telegraph line bears N. $8\frac{3}{4}^{\circ}$ W. and S. $8\frac{3}{4}^{\circ}$ E.
 80.00 The cor. to Secs. 11, 12, 13, and 14.

Land, level and rolling.

Soil, gravelly, 2^d rate.

No timber; undergrowth, mesquite
and catclaw.

Land covered with dense under-
growth 12 cho.

N. 0° 1' W. bet Secs. 11 and 12.

Over level land.

- 21.90 Cross road bears N. N. E. and S. S. W.
 40.00 Set a granite stone 16x8x5 ins., 11 ins.,
in the ground for $\frac{1}{4}$ Sec. cor., marked
 $\frac{1}{4}$ cor. W. face, dig pits 18x18x12 ins.,
N. and S. of stone, 3 ft. dirt, and
raise a mound of earth 3 $\frac{1}{2}$ ft. base,
1 $\frac{1}{2}$ ft high, N. of cor.

Subdivision of T. 9 N.

Chains

- 42.00 Telegraph line bears N. $6\frac{3}{4}^{\circ}$ W. and S. $6\frac{3}{4}^{\circ}$ E.
 47.10 Cross Santa Fe, Prescott and Phoenix
 Railway, bears N. $6\frac{3}{4}^{\circ}$ W. and S. $6\frac{3}{4}^{\circ}$ E.
 80.00 Set of granite stone $16 \times 8 \times 6$ ins., 11 ins.
 in the ground, for cor. to sec., 1, 2, 11,
 and 12, marked with 5 notches on S.,
 and 1 notch on E. edges, dig pits $18 \times$
 18×12 ins., in each sec., $5\frac{1}{2}$ ft. diam.
 and raise a mound of earth 4 ft.
 base, 2 ft. high, W. of cor.

From which

A palo verde tree 6 ins. diam. bears
 N. $43\frac{3}{4}^{\circ}$ E. 156 fks. diam., marked T. 9 N.
 R. 6 W. S. 1 B. T. No other trees within limits.

Land, level.

Soil, gravelly, 2^d rate

No timber; scattering mesquite
 and cactus undergrowth.

R. 6 W. - Continued

Chains

East on a random line bet. Secs.

1 and 12.

40.00 Set temp. $\frac{1}{4}$ Sec. cor.79.96 Intersect E. bdy. of Tr. 7 lks. N. of
the cor. to Secs. 1, 6, 7, and 12, already
described by me.

Thence from

N. $89^{\circ}57'W.$ on a true line bet. Secs

1 and 12.

Ascending.

3.50 Reach top of ascent, thence over
rolling mesa.

26.00 Begin descent.

31.00 Foot of descent.

31.80 Martinez wash 90 lks. wide, course S.E.

39.40 Cross dry wash 20 lks wide, course S.E.

39.98 Set a granite stone $16 \times 7 \times 6$ ins. 11 ins.
in the ground for $\frac{1}{4}$ Sec. cor. marked
 $\frac{1}{4}$ on N. face, dig pits $18 \times 18 \times 12$ ins.

Subdivision of T. 9 N.

Chains.

- E. and W. of stone, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 44.40 Old road bears N. N. W. and S. S. E.
- 50.00 Ascend broken mesa.
- 67.30 Cross gutch 7 lks. wide, course S. E.
- 70.00 Top of mesa, bears N. W. and S. E.
- 74.00 Cross gutch 40 lks. wide, course S. E.
- 79.32 Cross road from Wickensburg to Congress Junction bearing N. N. W. and S. S. E.
- 79.96 The cor to secs 1, 2, 11, and 12.
Land, rolling and level.
Soil, 2^d and 3^d rate, gravelly.
No timber; catsclaw, mesquite,
and cactus undergrowth.

R. 6 W. - Continued. -

Chains

N. 0° 1' W. on a random line bet Secs.
1 and 2.

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

79.93 Intersect N. bdy of T_p. 3 lks. W.
of the cor. to secs. 1, 2, 35, and 36.
heretofore described by me.

Thence I run

South on a true line bet. Secs
1 and 2.

Along edge of broken mesa.

21.50 Descend

26.00 In bottom dry wash 20 lks wide,
course W.

30.00 Begin to ascend.

38.00 Reach top, and descend

39.93 Set a granite stone 16 x 8 x 4 ins.
11 ins. in the ground for $\frac{1}{4}$ Sec. cor.,
marked $\frac{1}{4}$ on W. face, dig pits 18 x
18 x 12 ins., N. and S. of stone, 3 ft.

Subdivision of T. 9 N.

Chains.

- dist., and raise a mound of earth $3\frac{1}{2}$ ft. bare, $1\frac{1}{2}$ ft. high, W. of cor.
- 41.00 Reach bottom, and ascend again.
- 62.00 Top of ascent and enter level land bearing NW. and SE.
- 75.10 Road from Wickesburg to Congress Junction course Northwesterly and Southerly.
- 79.93 The cor. to sec. 1, 2, 11 and 12. Land, level and rolling. Soil, gravelly, 2^d and 3^d rate. No timber, mesquite and catclaw undergrowth, and cacti.
- May 15th 1897.

May 17th: At 8^h 5^m A.M. L.M.T., I set off $34^{\circ}4'$ on the lat. arc, $19^{\circ}29'$ N., on the decl. arc, and determine a true meridian with the solar

R. 6 W. - Continued.

Chains

at the Standard Cor. to Secs 34 and 35, on the S. bdy. of the Tr. already described by me.

Thence I run

N. 0° 1' W. bet Secs. 34 and 35

Over level land through scattering undergrowth.

20.00 Cross road to Bullard's mine bearing NW and SE.

40.00 Set a granite stone 17 x 6 x 5 ins. 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. face, dig pits 18 x 18 x 12 ins. N. and S. of stone, 3 ft. dia., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set a malpais stone, 18 x 10 x 8 ins. 12 ins. in the ground for cor. to Secs. 26, 27, 34, and 35, marked with 1 notch on S. and 2 notches

Subdivision of T. 9 N.

Chains.

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

Land, level.

Soil, loam, 2^d rate.

No timber; catclaw, greasewood,
and cholla undergrowth.

East on a random line bet Secs.

26 and 35.

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

79.91 Intersect N. and S. line at the
cor to Secs. 25, 26, 35, and 36.

Thence I run

West on a true line bet Secs.

26 and 35.

39.95 $\frac{1}{2}$ Set a malpais stone 15x8x5 ins,
10 ins. in the ground for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ on N. face

R. C. W. - Continued.

Chains

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

56.77 Cross old road course NE and SW.

67.10 Cross dry wash 20 lks. wide, course SW

74.70 Cross dry wash 20 lks. wide, course SW.

79.91 The cor. to Secs. 26, 27, 34, and 35.

Land, ralling.

Soil, loam, 2^d rate.

No timber; scattering mesquite
and tesote undergrowth.

N. 0° 1' W. bet. Secs 26. and 27.

Through scattering undergrowth.

13.10 Cross dry wash 15 lks wide, course SE.

14.40 Cross same dry wash again 15 lks.
wide, course S. W.

19.40 Cross same dry wash 15 lks wide, course SE.

Subdivision of T. 9 N.

Chains.

- 30.00 Enter greasewood undergrowth bears E and W.
- 40.00 Set a malpais stone $16 \times 8 \times 5$ ins.,
11 ins. in the ground for $\frac{1}{4}$ Sec. Co.
marked $\frac{1}{4}$ on W. face, dig pits
 $18 \times 18 \times 12$ ins., N. and S. of stone,
3 ft. dist., and raise a mound
of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.
of cor.
- 68.00 Leave greasewood and cholla
undergrowth, bears E and W.
- 70.00 Cross dry wash 30 lbs. wide, course W.
- 71.05 Cross same dry wash again 12 lbs.
wide, course S E
- 76.00 Cross same dry wash 12 lbs. wide,
course S W.
- 80.00 Set a malpais stone $19 \times 10 \times 8$ ins.,
14 ins. in the ground for cor to
Secs. 22, 23, 26, and 27, marked
with 2 notches on S. and E. edges.

R. C. W. Continued

Chamiso

dig pits 18 x 18 x 12 ins. in each sec., 5½
ft. diam., and raise a mound of earth
4 ft. base, 2 ft. high. Fr. of cor.

Land, rolling.

Soil, gravelly, 2^d rate.

No timber; scattering greasewood,
catsclaw, and cholla undergrowth.

East on a random line bet Seco.

23 and 26.

40.00 Set temp. 1/4 Sec. box.

80.04. Intersect N. and S. line at the
cor to Seco. 23. 24. 25 and 26.

Hence I run

West on a true line bet. Seco 23 and
26.

Through mesquite and tree under
growth

2.56 Cross dry wash 50 lks. wide, course SW.

Subdivision of T. 9 N.

Chain.

- 24.50 Cross old road, bears N E and S W.
- 33.25 Cross dry wash 40 lks wide, course S E.
- 37.25 Cross old road, bears N E and S W.
- 40.02 Set a mesquite post 3 ft. long,
3 ins. sq., with marked stone,
24 ins. in the ground, for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ S, on N. face,
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.
- 76.55 Cross dry wash 10 lks wide, course S W.
- 77.90 Cross dry wash 7 lks wide, course W.
- 79.30 Cross same dry wash again 5 lks.
wide, course S W.
- 80.04 The cor to Secs 22. 23. 25 and 26.
Land, rolling.
Soil, sandy loam, 1st and 2^d rate.
No timber; mesquite undergrowth.

R. 6 W. - Continued.

Chambers.

N. 0° 1' W. bet Secs. 22 and 23.

Over rolling land.

40.00 Set a sandstone 18 x 12 x 8 ins., 12 ins.,
in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on W. face, dig pits 18 x 18 x 12 ins.
N. and S. of stone, 3 ft. diam., and raise
a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

A wash runs S. 20 Cho. E. of this line.

80.00 Set a malpais stone 18 x 8 x 6 ins.,
12 ins., in the ground for cor. to secs.
14. 15. 22. and 23, marked with 3
notches on S., and 2 notches on E.
edges, dig pits 18 x 18 x 12 ins.; in each
sec., 5 $\frac{1}{2}$ ft. diam. and raise a mound
of earth, 4 ft. base, 2 ft. high. W. of cor.
Land, rolling.

Soil, gravelly loam, 2^d and 3^d rate.

No timber, catclaw undergrowth.

Subdivision of T. 9 N.

Chains.

- East on a random line bet. Secs.
14. and 23.
- 40.00 Set temp. $\frac{1}{4}$ Sec. cor.
- 80.02 Intersect N. and S. line, 3 lks.
S. of the cor. to secs. 13. 14. 23 and 24.
Thence I run
S. $89^{\circ} 59'$ W. on a true line bet
Secs. 14 and 23.
- 20.04 Dry wash 20 lks. wide, course S.E.
- 23.00 Leave undergrowth trending N. and S.
- 37.00 Cross old road bears N.W. W. and S.S.E.
- 40.01 Set a malpais stone $16 \times 12 \times 10$ ins,
11 ins, in the ground, for $\frac{1}{4}$ Sec.
cor. marked $\frac{1}{4}$ on N. face; dig
pits $18 \times 18 \times 12$ ins. E. and W.
of stone 3 ft. diam., and raised a
mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
high, N. of cor.
- 41.00 Cross dry wash 90 lks. wide, course S.E.

R. 6 W. - Continued.

Chains

75.36 Cross dry wash 5 lks. wide, course S.

80.02 The cor. to Secs. 14, 15, 22 and 23.

Land gently rolling.

Soil, sandy and gravelly loam, 2nd rate.No timber; scattering mesquite and
catsclaw undergrowth.

May 17: At 11^h 57^m A.M. l.m.t., I
set off 34° 07' on the lat. arc; 19° 31'
N. on the decl. arc and determine
a true meridian ^{with solar} at the cor. of
secs. 14, 15, 22, and 23, finding
the latitude set off on the instru-
ment to agree with the observation

N. 0° 1' W. bet Secs. 14 and 15.

Over rolling land.

11.45 Cross old road bears Northeastly and
Southwestly.

Subdivision of T. 9 N.

Chain

- 27.00 Ascend W. slope of knoll.
- 28.00 Enter scattering cactus and palo verde undergrowth.
- 40.00 Mark a malpais boulder in place 26x15 ins., and 2 ins. above ground with + at exact cor. point for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. face, and raise a mound of stone 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
- 41.50 Top of slope bears E. and W., Apex of knoll bears E., 6 chs dist.
- 44.00 Begin to descend.
- 56.00 Base of knoll and enter rolling land.
- 80.00 Set a granite stone 17x10x6 ins., 12 ins. in the ground for cor to secs. 10, 11, 14, and 15., marked with 4 notches on S.,

R. 6 W. - Continued.

Chains.

and 2 notches on E. edges, dig pits
18x18x12 ins. in each Sec., 5½ ft.
dist., and raise a mound of earth
4 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, gravelly and stony, 2^d and 3rd rate
No timber, palo verde, catclaw,
greasewood and cactus undergrowth.

N. 89° 59' E. on a random line bet
Secs. 11 and 14

40.00 Set temp ¼ Sec. Cor.

79.97 Intersect N. and S. line, 3 lks N.
of the cor to secs 11, 12, 13, and 14.

Fence Run

Went on a true line bet. Secs 11 and 14
Over gently rolling land, through
undergrowth.

24.00 Leave undergrowth trending NE and SW.

Subdivision of T. 9 N.

Chamis.

- 25.00 Cross dry wash 80 lks wide, course SW.
- 31.65 Cross old road, bears NE and SW.
- 39.98 $\frac{1}{2}$ Set a malpais stone 17x6x6 ins.,
12 ins. in the ground for $\frac{1}{4}$ Sec. Cor.;
marked $\frac{1}{4}$ on N. face, dig pits 18
x 18 x 12 ins. E. and W. of stone,
3 ft. diam., and raise a mound of
earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.
- 50.46 Cross dry wash 15 lks. wide, course SW.
- 63.00 Cross dry wash 40 lks wide, course SE.
- 79.97. The cor. to secs. 10, 11, 14, and 15.
Land, gently rolling.
Soil, sandy loam, 2^d rate.
No timber; catclaw, mesquite,
and cactus undergrowth.

N. 0° W. bet Secs 10 and 11.

Over gently rolling land.

R. C. W. - Continued.

Chains

- 40.00 Set a malpais stone $16 \times 10 \times 6$ ins.,
11 ins. in the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ on W. face, dig pits 18×18
 $\times 12$ ins. N. and S. of stone, 3 ft. dist.
and raise a mound of earth, $3\frac{1}{2}$
ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 62.25 Cross dry wash 10 lks wide, course SW.
- 63.25 Cross dry wash again 9 lks wide, course SE.
- 64.10 Same dry wash 6 lks. wide course W.
- 66.00 Enter scattering catsclaw-undergrowth
trending NE. and SW.
- 80.00 Set a malpais stone $18 \times 10 \times 8$ ins.,
12 ins. in the ground for cor. to Secs
2, 3, 10, and 11, marked with 5
notches on S. and 2 notches on E.
edges, dig pits $18 \times 18 \times 12$ ins. in each sec,
 $5\frac{1}{2}$ ft. dist., and raise a mound of
earth $4\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
Land, gently rolling.

Subdivision of T. 9 N.

Chains.

Soil, sandy loam, 1st and 2^d rate.
No timber; scattering cholla
undergrowth.

East on a random line bet Secs.
2 and 11.

40.00 Set temp $\frac{1}{4}$ Sec. Cor.

80.10 Intersect N. and S. line, 5th S.
of the cor to secs 1, 2, 11, and 12.

Thence I run

S. $89^{\circ}58'$ W. on a true line bet.
Secs. 2, and 11.

Through undergrowth over
rolling land.

4.95. Cross Santa Fe, Prescott and
Phoenix Railway bearing
N. N. W. and S. S. E.

5.50 Telegraph line bears N. N. W. and
S. S. E.

R. 6 W. - Continued.

Chains

- 31.60 Cross dry wash, 10 lks. wide, course SW.
- 34.90 Cross old road, bears NW. and SE.
- 40.05 Set a malpais stone, 18 x 8 x 3 ins., 12 ins. in the ground for $\frac{1}{4}$ Sec. cor., marked $\frac{1}{4}$ on N. face, dig pits 18 x 18 x 12 ins., E. and W. of stone, 3 ft dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 41.75 Cross dry wash 30 lks. wide, course SW.
- 50.50 Cross dry wash 45 lks. wide, course SW.
- 54.00 Leave catsclaw, and mesquite undergrowth trending N. and S.
- 71.75 Cross dry wash, 10 lks. wide, course SW
- 80.10 The cor. to Secs. 2, 3, 10 and 11
Land, rolling.
Soil, sandy, 1st and 2^d rate.
No timber, catsclaw and mesquite undergrowth.

Subdivision of T. 9 N. R. 6 W. Cont^d

chains.

N. 0° 1' W. on a random line bet
Secs. 2. and 3.

40.00 Set temp. $\frac{1}{4}$ Sec. Cor.

80.01 Intersect N. bdy. of Tp. at the
cor. to secs. 2. 3. 34. and 35. al-
ready described by me.

Thence I run

S. 0° 1' E. on a true line bet Secs 2
and 3.

Over rolling land through scat-
tering undergrowth.

14.60 Cross dry wash 6 lks wide, course SW

25.90 Cross dry wash 40 lks wide, course SW

30.50 Cross dry wash N. and S. 1 ch.
thence course SW.

39.00 The $\frac{1}{4}$ Sec Cor. falling into dry
wash, I set a malpais stone 16 x
6 x 6 ins., 11 ins., in the ground
for witness cor. to $\frac{1}{4}$ Sec. Cor.

Concluded, Book 1020.