

(Resurvey)

EAST and SOUTH BOUNDS

T. 12 S., R. 26 E.

Contzen.

Subdivisions.

BOOK 791

No. 791

4-978

FIELD NOTES
GENERAL LAND OFFICE.

791

No. 791

Field-Notes
of the resurvey of the
East and South
boundaries and
the survey of the
Subdivisions
— of —
T. 12 S. R. 26 E.
— of the —
Gila and Salt River,
Base and Meridian.
— in the —
Territory of Arizona
as surveyed by
Philip Coutzen
U. S. Deputy Surveyor
under his Contract No. 45,
dated June 14th 1897
Survey commenced, Aug. 9, 1897
Survey completed, Nov. 8, 1897

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(4-874.)

Township

12 S. R. 26 E.

6	5	4	3	2	1	6
175	172	140	115	86	59	
18	17	16	15	14	13	12
166	163	134	105	76	51	
19	20	21	22	23	24	25
157	155	129	99	72	47	
30	29	28	27	26	25	24
149	146	124	95	68	42	
31	32	33	34	35	36	37
36	34	32	29	27	24	

Mountains

Pinaleno

6-389

Resurvey of the E. boundary
Chains

Aug. 10, 1897: At 8^h 15^m,
A.M., l.m.t., I set
off 32°20' N, on the lat.
arc, and 15°22' N. on the
decl. arc, and determine
a true meridian with
the solar, at cor. of
Tps. 12 and 13 S., Rs. ²⁶ and ²⁷ ~~25~~ ²⁶ and ²⁷ E.,
which I reestablished
August 9, 1897. I do not
thence, I run North
on a blank along
the E. bdy. of T. 12 S. R. 26 E.

- 39.87 Faint traces of $\frac{1}{4}$ sec. cor.,
5 lks. E.
- 79.80 Faint traces of sec. cor., 11 $\frac{1}{2}$ lks. E.
- 119.52 Faint traces of $\frac{1}{4}$ sec. cor., 18 lks. E.
- 159.57 Faint traces of sec. cor., 24 lks. E.
- 199.59 Faint traces of $\frac{1}{4}$ sec. cor., 29 lks. E.

of T. 12 S. R. 26 E. —

Chains

- 239.51 Faint traces of sec. cor., 36 lks. E.
 279.21 Faint traces of $\frac{1}{4}$ sec. cor., 40 $\frac{1}{2}$ lks. E.
 319.13 Faint traces of sec. cor., 48 lks. E.
 358.97 Small mound of stone, 53 lks. E.
 398.90 Old sec. cor. 59 lks. E.
 438.11 Small mound of stone, 65 lks. E.
 478.11 The cor. of Tps. 11 and 12 S.
 Rs. 26 and 27 E., bears 71 $\frac{1}{2}$ lks. E.

Finding mostly faint traces of original corners, and a difference in chaining exceeding the prescribed limit, on the last mile, I find it necessary to resurvey the E. boundary of this township, therefore I write to the Surveyor General for the necessary

Resurvey of the E. boundary
Chains

authority, and on October
4th 1897, I receive the
same

October 27, 1897: At
8h 5m, a. m., l. m. t.,
I set off $32^{\circ}25'N.$ on
the lat. arc, and $12^{\circ}59'S.$
on the decl. arc; and
determine a true meridian,
with the solar, at cor.
of Tps. 11 and 12 S., R's.
^{26 and 27.}
25 and E., as heretofore
described.

Thence, I run

$50^{\circ}5'W.$, bet. secs. 1st and 6

12.00 Dry wash, 60 lks. wide, course S. E.

25.80 Enter dry creek, course E.

28.00 Leave dry creek, course E.

of T. 12 S. R. 26 E - Continued

chains

35.30 Dry wash, 4 lks. wide, course E

39.70 Set a malpais stone,
 18 x 10 x 4 ins., 12 ins. in
 the ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on W. face;
 and raise a mound
 of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft
 high, W. of cor.

I found a small mound
 of stone and portions
 of old stake, lying on the ground

43.00 Ascend

50.00 Ravine, 4 lks. wide, course N.E.

59.00 Top of ridge, bears E. and W.,
and descend

62.70 Ravine, 10 lks. wide, course S.W.

63.00 Foot of ridge, and ascend

71.00 Top, bears N.E. and S.W.

79.21 Granite stone, 8 x 6 ins,

Resurvey of the E. hdy of
Chains

6 ins., above ground,
marked with 5 notches
on S and 1 notch on N.
edges; and S rebuild
old mound of stone,
2½ ft., base, 1½ ft. high
W. of cor.

Land rolling ^{3/4} of mountainous
soil, stony; 3 and 4th rate
No timber; under growth

Jucca; Mountainous land
36.21 chs.

To 5' W., bet secs. 7 and 12

- .90 Ravine, 10 lks. wide, course S.W.
1.50 Ascend
7.00 Top, bears N. E. and S.W.
and descend
20.75 Foot of descent and
dry wash, 10 lks. wide, course S.W.
21.00 Ascend

T. 12 S. R. 26 E. - Continued.

Chains

- 32.00 Top, bears N. E. and S. W.;
and descend
- 39.50 Gulch, 5 lks., wide, course S. W.
- 39.93 A granite stone, 15 x 8 ins,
7 ins. above ground, marked
 $\frac{1}{4}$ on W. face; rebuild
old mound $2\frac{1}{2}$ ft. base,
 $1\frac{1}{2}$ ft. high, W. of cor.
- 49.00 Foot of descent and
enter rolling mesa
- 76.00 Dry wash, 20 lks. wide,
course N. W.
- 78.50 Dry wash, 35 lks. wide,
course Westerly
- 79.77 Set a sandstone
18 x 10 x 8 ins., 12 ins. in
the ground for cor. of
secs. 7, 12, 13, and 18,
marked

Resurvey of the E. boundary
Chains.

12 S. on N.E.,
27 E. on S.E., and
26 E. on N.W. faces;
with 4 notches on S.,
and 2 notches on N. edges;
dig pits 18x18x12 ins. in
each sec. 5 1/2 ft. dist.,
and raise a mound of
earth 4 ft. base, 1 1/2 ft
high W. of cor. - I found
faint traces of old mound.
Land, mountainous and rolling
Soil, gravelly loam; 3rd rate.
No timber; undergrowth
scattering catsclaw, mesquite
and yucca.

Mountainous land; +9.00 chs.

October 27. 1897

To 5' W., bet. secs. 13rd and 18
Over rolling land

of T. 12 S. R. 26 E. - Continued

Chains

- 7.50 Dry wash, 4 lks. wide, course W.
- 8.60 Dry wash, 25 lks. wide, course N.E.
- 39.92 Set a granite stone
 $18 \times 8 \times 8$ ins., 12 ins., in
 the ground for $\frac{1}{4}$ sec. cor.,
 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.
 I found no signs of
 charred stake, excepting
 faint traces of old mound
- 75.60 Dry wash, 10 lks. wide,
 course E., thence S. E.
- 79.62 Reset granite stone
 $14 \times 8 \times 7$ ins., 9 ins. in
 the ground for cor. of

Resurvey of the E. boundary
Chains

secs. 13, 18, 19 and 24,
marked

12 S. on N. E.,
27 E. on S. E., and
26 E. on N. W. faces; with
3 notches on N and S. edges,
dig pits 18 x 18 x 12 ins. in
each sec., 5½ ft. dist.;
and raise a mound of
earth 4 ft. base, 2 ft high,
W. of cor. Found cor. stone
covered up; only faint
traces of mound were visible
& sand, rolling
Soil, loam; 3rd rate
No timber; undergrowth
mesquite, cats claw and
scattering yucca.

of T. 12 S. R. 26 E. - Continued

Chain S 0° 5' W., bet. secs.

19 and 24

Over rolling land

39.92 Set a granite stone
16 x 12 x 5 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. - I found
faint traces of mound,
no signs of charred
stake, visible.

79.94 Set a malpais stone,
18 x 6 x 5 ins., 12 ins. in
the ground for cor. of

Resurvey of the E. boundary
Chains

secs. 19, 24, 25 and 30,
marked

12 S. on N.E.,
27 E. on S.E., and
26 E. on N.W. faces; with
2 notches on S. and 4
notches on N. edges; and
rebuild old mound
2½ ft. base, 1½ ft.
high, W. of cor.

Land, rolling
Soil, gravelly; 2nd rate
No timber, undergrowth
mesquite and cats claw.

S 0° 5' W., bet. secs. 25^{3/4}/30

Over rolling land

1.00 Descend

3.00 Enter dry creek, course E.

of T. 12 S. R. 26 E. - Continued

- Chains
- 7.00 Leave dry creek, course E.
and ascend
- 10.00 Top, bears E. and W.
- 35.40 Gulch, 4 lks. wide, course
S. E.
- 40.05 Set a malpais stone,
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. dist., and raise
a mound of earth, 3 $\frac{1}{2}$
ft. base, $\frac{1}{2}$ ft. high,
W. of cor. - I found
only faint traces of mound
Begin to descend
- 41.50 Foot of descent
- 49.50 Ascend

Resurvey of the E. boundary

Chains

- 50.50 Top, bears E. and W.
- 52.00 Draw, 100 lks. wide, course E.
- 56.00 Descend from mesa, bears E. and W.
- 58.00 Foot of mesa and enter valley, course E
- 66.50 Sand wash, 3 chs. wide, course E.
- 70.08 Road, from Willcox to Bowie, bears E. $\frac{2}{3}$ of W.
- 70.77 Western Union, telegraph line, bears $N64\frac{1}{2}^{\circ}E$ $\frac{2}{3}$ of $S64\frac{1}{2}^{\circ}W$.
- 71.50 Dry wash, 15 lks. wide, course E.
- 71.84 Middle of single track of the Southern Pacific Railroad, bears $N64\frac{1}{2}^{\circ}E$ $\frac{2}{3}$ of $S64\frac{1}{2}^{\circ}W$.
- 72.64 Telegraph line, bears $N64\frac{1}{2}^{\circ}E$ and $S64\frac{1}{2}^{\circ}W$.
- 76.00 Leave valley, course E.,

of T. 12 S. R. 26 E. - Continued

chains

and enter mesa.

79.77

Set a granite stone
18x10x6 ins., 12 ins. in
the ground for cor. of
secs. 25, 30, 31 and 36,
marked

12 S. on N. E.,

27 E. on S. E., and

26 E. on N. W. faces,
with 1 notch on S.

and 5 notches on N. 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.

I found very faint traces
of old mound, no signs
of charred stake.

Resurvey of E. boundary of
Chains

Land, rolling ^{and} level
Soil, gravelly loam; 2nd rate
No timber; undergrowth
catsclaw and guessa

To 5' W., bet. secs. 31²/₃ & 36

Over gently rolling land

36.85 Dry wash, 10 kts. wide,
course N. E.

39.93 Set a sand stone 16x10x6
ins., 11 ins. in the ground
for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on W. face; and
raise a mound of stone
2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

79.80 The cor. of Tps. 12 and 13 S.,
Rs. 26 and 27 E., as here-
before described.

T. 12 S. R. 26 E. - Concluded

chains Land, gently rolling
 Soil, gravelly loam; 2nd & 3rd rate
 No timber; undergrowth
 scattering mesquite & yucca.
 October 27, 1897

August 9, 1897: Commence
 at cor. of Tps. 12nd and 13th S.,
 Rs. 25 and 26 E., as
 heretofore described
 Thence, I run
 East on a blank line
 along South boundary
 of T. 12 S. R. 26 E.

- 38.36 Faint traces of old mound,
 6 lks. S.
 78.10 Faint traces of old mound,
 11 lks. S.
 118.03 Faint traces of old mound

Resurvey of the S. boundary
Chains

- 158.06 Faint mound, 22 lks. S.
 197.86 Faint traces of mound
 31 lks. S.
 237.66 Faint traces of mound,
 37 lks. S.
 277.36 Faint traces of mound
 41 lks. S.
 317.26 Mound of stone, 48 lks. S.
 357.16 Faint traces of mound
 54 lks. S.
 397.10 Faint traces of mound
 59 lks. S.
 437.10 $\frac{1}{4}$ sec. cor. stone, 65 lks. S.
 477.00 The cor. of Tps. 12 $\frac{2}{4}$ of 13 S.,
 Ri. 26 and 27 E., bears
 73 lks. S., which is a
 decayed post, with
 marks obliterated, lying
 on the ground; I re-

of T. 12 S. R. 26 E. - Continued

chains

establish the same, by setting a granite stone $17 \times 12 \times 10$ ins., 11 ins. in the ground for cor. of Tps. 12 and 13 S. Rs. 26 and 27 E., marked 12 S. on N. E., 27 E. on S. E., 13 S. on S. W., and 26 E. on N. W. faces, with 6 notches on each edge; dig pits $24 \times 24 \times 12$ ins., on each line N. E. and W., 4 ft., and raise a mound of earth, 5 ft. base, $2\frac{1}{2}$ ft. high, S. of cor.

Finding only faint

Resurvey of the S. boundary
Chains

traces of corners and
the chaining out, I
write to the surveyor
General for necessary
authority and on Oct.
4th 1897, I receive the
same.

October 28: At 8^h 5^m.
A. M., l. m. t., I set
off $32^{\circ}20'N.$ on the
lat. arc., and $13^{\circ}19'S.$
on the decl. arc., and
determine a true
meridian, with the
solar, at cor. of Tps.
12 and 13 S., Rs. 26²/₄/27 E.,
as heretofore described
Thence, I run

of T. 12 S. R. 26 E. - Continued

- Chains
- 789°55' N., bet. secs 1 ²/₃ & 36
- Over rolling land
- 22.95 Old road, bears N. W. ²/₃ ¹/₂ E.
- 40.00 Set a quartz stone
16 x 8 x 5 ins., 11 ins. in
the ground for ¹/₄ sec.
cor.; marked ¹/₄ on
N. face; dig pits
18 x 18 x 12 ins. E and W.
of stone, 3 ft. dist; ²/₃ of
raise a mound of
earth, 3 ¹/₂ ft. base, ¹/₂
ft. high, N. of cor.
I destroy all evidence
of old cor.
- 69.70 Dry wash, 20 lbs. wide,
course N. W.; thence N. E.
- 70.00 Descend
- 80.00 Foot of descent; Set

Resurvey of the S. boundary

Chains

a sandstone $16 \times 8 \times 6$ ins.,
11 ins. in the ground
for cor. of secs. 1, 2, 35^{and} 36,
marked

12 S. on N.E.,

26 E. on S.E., and

13 S. on S.W. faces;

with 1 notch on E. and
5 notches on W. 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. — I destroy all
traces of old cor.

Land, rolling

Soil, gravelly loam, 2nd rate.
No timber, undergrowth
scattering mesquite and yucca

of T. 12 S. R. 26 E. - Continued

Chain

$N 89^{\circ} 55' W.$, bet. secs.
2 and 35

Over rolling land

- 5.00 Ascend
- 10.00 Top of ascent, bears $N. E. \frac{3}{4} S. W.$
and descend
- 15.00 Foot of descent
- 25.00 Ascend
- 35.00 Top, bears $N. E.$ and $S. W.$
- 40.00 Set a granite stone,
 $18 \times 7 \times 6$ 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. — I destroy

Resurvey of the S. boundary
Chains

- all traces of old cor.
- 43.00 Descend
- 55.00 Foot of descent, bears N. E. $\frac{3}{4}$ of N. W.
- 62.00 Dry wash, 90 lks. wide, course N. E.
- 63.00 Ascend
- 65.00 Top of ascent, bears N. $\frac{3}{4}$ of S.,
and descend
- 68.00 Foot of descent and
enter draw, course N. E.
- 76.00 Leave draw, and ascend
- 80.00 Set a malpais stone
12 x 10 x 6 ins., 8 ins., in
the ground for cor. of
secs. 2, 3, 34 and 35, marked
12 S. on N. E.,
26 E. on S. E., and
13 S. on S. W. faces, with
2 notches on E. and 4
notches on W. edges;

of T. 12 S. R. 26 E. - Continued

Chain and raise a mound
of stone $2\frac{1}{2}$ ft. base,
 $1\frac{1}{2}$ ft. high, W. of cor.
~~Partly impracticable~~
I destroy all evidence
of old cor.

Land rolling
Soil, gravelly loam; 2nd rate
No timber, undergrowth
scattering mesquite and yucca

N 89° 55' W., bet. secs. 3 $\frac{2}{4}$ /₃₄

Ascending

7.00 Top of ascent, bears
N. E. and S. W., and
descend

15.00 Foot of descent, bears
N. E. and S. W.

29.70 Dry wash, 50 lks. wide, course
N. E.

Resurvey of the S. boundary

Chains

- 39.00 Dry wash, 10 lks. wide,
course N.W.; thence N.E.
- 40.00 Set a malpais stone
15 x 7 x 6 ins., 10 ins. in the
ground for $\frac{1}{4}$ sec. cor.,
marked 10 ins. in the
ground for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{4}$ on N. face,
and raise a mound
of stone, 2 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$
ft. high, N. of cor. -
Pits impracticable.
To destroy all evidence
of old cor.
- 56.40 Dry wash, 15 lks. wide,
course S.E.
- 80.00 Set a granite stone
12 x 10 x 8 ins., 8 ins. in
the ground for cor. of

of T. 12 S. R. 26 E. - Continued

Chains

secs. 3, 4, 33 and 34,
marked

12 on N.E.,

26 on S.E., and

13 S. on S.W. faces;

with 3 notches on

E. and W. edges; dig

pits 18 x 18 x 12 ins. in

each sec. 5½ ft. dist.

and raise a mound

of earth 4 ft. base,

2 ft. high, W. of cor.

I destroy all evidence

of old cor.

Land rolling

Soil, gravelly loam, 2nd rate

No timber; undergrowth

catsclaw and yucca

Resurvey of the S. boundary
Chains

- $N 89^{\circ} 55' W.$, bet. sees
4 and 33
Over rolling land
16.00 Descend
25.00 Foot of descent, bears
 $N. N. E.$ and $S. S. W$
25.35 Dry wash, 10 lks. wide,
course $N. N. E.$; thence $N. W.$
30.00 Ascend
31.90 Old road, bears $N. N. W.$
and $S. S. E.$
39.00 Top of ascent, bears
 $N. E.$ and $S. W.$; and
descend
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,
and raise a mound

of T. 12 S. R. 26 E. - Continued

- Chains of stone 2½ ft. base,
1½ ft high, N. of cor.
Pits impracticable
Destroy all traces
of old cor.
- 70.00 Foot of descent; bears
N. E. and S. W.
- 80.00 Set granite stone,
16 x 8 x 6 ins., 11 ins in
the ground for cor.
of secs., 4, 5, 32 and 33,
marked
14 S. on N. E.,
26 E., on S. E., and
13 S., on S. W. faces;
with 4 notches on E.
and 2 notches on W.
edges; dig pits 18 x 18 x 12
ins., in each sec. 5½ ft

Resurvey of the S. boundary
Chains

dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Pits impracticable I destroy all traces of old cor.

Land, rolling
Soil, gravelly loam,
2nd rate

No timber, undergrowth, scattering cats claw and Yucca.

N 89° 55' W, bet. secs 5 ²/₃₂

Over rolling land

40.00 Set a granite stone
18 x 8 x 6 ins., 12 ins. in
the ground for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$

of T. 12 S. R. 26 E. - Continued

Chains on N. face; dig pits
18 x 8 x 6 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.
I destroy all evidence
of old cor.

50.85 Dry wash, 18 lks. wide,
course N. W.

62.00 Dry wash, 25 lks. wide,
course N. E.

80.00 Set a malpais
stone 16 x 10 x 8 ins., 11
ins., in the ground
for cor. of secs. 5, 6, $31\frac{3}{4}/32$,
marked
12 S. on N. E.,
26 E. on S. E., and

Resurvey of the S. boundary

Chains

13 S. on S. W. faces;
with 5 notches on E
and 1 notch on W.
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. - I destroy
all traces of old cor.
Land, rolling
Soil, gravelly loam, 2nd rate
No timber, undergrowth
scattering guesa.

$N 89^{\circ} 55' W$, bet secs. 6 & 31

Over rolling land

40.00 Set a granite stone
 $18 \times 10 \times 4$ ins., 12 ins. in

of T. 12 S. R. 26 E. - Continued

Chains

the ground for $\frac{1}{4}$
 sec. cor., marked
 $\frac{1}{4}$ on N. face; dig
 pits 18x18x12 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.
 I destroy all traces
 of old cor.

50.00 Ascend

60.00 Top, bears N.E. ^{and} S.W.
and descend77.00 The cor. of Tps. 12 ^{and} 13 S.,
Rs. 25 and 26 E.

Land, rolling
 Soil, loam; 2nd rate
 No timber; under granite

38

Resurvey of the S. boundary
of T. 12 S. R. 26 E. - Concluded

Chains

scattering Jucca.
October 28. 1897.

General Description

This line runs over
small rolling ridges,
averaging from 50 to
100 ft high. T. 13 S. R. 26 E
is mostly rolling
land and some of
the southern portions
is mountainous. There
is no timber in this tp.
The land generally
is good grazing
land.

Philip Couzner
U. S. Deputy Surveyor

Subdivisions of T. 12 S. R. 26 E.

Before commencing the subdivisions of T. 12 S. R. 26 E. I test my transit and solar attachment on the meridian established by me August 4. 1897 at cor. of Tps. 12 and 13 S. Rs. 25 and 26^E, as heretofore described, and I find the same in perfect adjustment.

October 28. 1897

✓ October 29¹⁸⁹⁷: At 8^h. 20^m. A. M. L. M. T., I set off $32^{\circ}20'$ N. on the lat. arc, and $13^{\circ}29'$ S. on the decl. arc, and

40

Subdivisions of

chains

determine a true meridian
at cor. of secs. 1, 2, 35 and 36
on the South boundary
of the township, as
heretofore described
Thence I run
No^o 4 'E., bet. secs. 35² and 36
Over rolling land;
ascending

- 30.00 Top of ascent, bears N.E.
and S.W., and descend
- 33.00 Foot of descent
- 40.00 Set a granite stone
18 x 12 x 8 ins., 12 ins., in
the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W
face; and raise a
mound of stone, 2 $\frac{1}{2}$ ft
base, 1 $\frac{1}{2}$ ft, high N. of cor.

T. 12 S. R. 26 E. - Continued

Chains

- Pits impracticable
- 51.36 Old road, bears N. W. $\frac{1}{2}$ S. E.
- 59.00 Enter valley, course N. E.
- 62.47 Telegraph line, bears
N $74^{\circ}5'$ E and S $74^{\circ}5'$ W.
- 63.14 Middle of single track
of the Southern Pacific
Railroad, bears N $74^{\circ}5'$ E
and S $74^{\circ}5'$ W.
- 63.96 Western Union telegraph
line, bears N $74^{\circ}5'$ E and
S $74^{\circ}5'$ W.
- 65.50 Road, from Willcox
to Bowie, bears N. Easterly
and S. Westerly
- 72.35 Dry wash, 25 lbs. wide,
course N. E.
- 79.50 Leave valley, course N. E.
and ascend

Subdivisions of
 chains
 80.00 Top, bears E. and W.;
 Set a sand stone $16 \times 12 \times 12$
 ins., 11 ins. in the ground,
 for cor. of secs. 25, 26,
 35 and 36, marked
 12 S. on N.E., and
 26 E. on S.E., faces.
 with a notch on S.
 and E. edges; and
 raise a mound of stone
 $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. - Pits impracticable
 No timber; under growth
 scattering jaww and
 mesquite

$S 89^{\circ} 55' E$, on a random
 line, bet. secs. 25² of 36.
 40.00 Set Temp. $\frac{1}{4}$ sec. cor.

T. 12 S. R. 26 E. - Continued

chains
80.02

Intersect E. bdy. of
Tps. 12 lks. N. of cor.
of secs 25, 30, 31 and 36,
as heretofore described,
Thence I run

$N 89^{\circ} 50' W.$ on a true
line, bet. secs. 25^{and} 36

Over rolling land

20.00 Enter valley, course

N. Easterly

20.47 Telegraph line, bears

$N 74^{\circ} 5' E$ and $S 74^{\circ} 5' W.$

22.82

Middle of single track
of the Southern Pacific
Railroad, bears $N 74^{\circ} 5' E$
and $S 74^{\circ} 5' W$

25.10

Western Union Telegraph
line bears $N 74^{\circ} 5' E$ and
 $S 74^{\circ} 5' W.$

- Subdivisions of
- Chains
- 38.00 Road from Wilcox to
to Bowie, bears N. E.
and S. W.
- 40.01 Set a granite stone
18x12x3 ins., 12 ins. in
the ground for $\frac{1}{4}$ sec.
cor., marked $\frac{1}{4}$ on
N. face; dig pits 18x18x12
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.
- 61.22 Dry wash, 10 fms. wide,
course N. E. -
- 72.00 Ascend
- 74.00 Top, bears N. E. and S. W.
- 80.02 The cor. of secs. 25, 26, 35 $\frac{3}{4}$ /36
Level, level and rolling

T. 12 S. R. 26 E. - Continued

chains

Soil, loam, 1st and 2nd rate
 No timber, undergrowth
 scattering mesquite
 and yucca

No 4' E, bet sees. 25th and 26th
 Over rolling land;
 descend

1.00 Foot of descent, and
 enter valley, course E.

9.00 Leave valley and
 ascend mesa

10.00 Top of mesa, bears E. $\frac{3}{4}$ of W.

40.00 Set a malpais stone
 18x10x8 ins., 12 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

Subdivisions of

Chain

- 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 68.05 Dry wash 5 lks. wide, course S.E.
- 70.15 Draw, 15 lks. wide, course S.E.
- 80.00 Set a granite stone $16 \times 8 \times 6$ ins., 11 ins. in the ground for cor. of sec.
- 23-24, 25 and 26 marked 12 S. on N.E. and 26 E on S.E. faces, with 2 notches on S. and 1 notch 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 ft. base, 2 ft. high, W. of cor.
- Land rolling
- Soil, gravelly loam; 2nd rate

T. 12 S. R. 26 E. - Continued

Chains

No timber; undergrowth
scattering yucca

S 89° 50' E. on a random
line, bet. secs. 24 and 25

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

80.00 Intersect E. ldy. of
Tp. 24 lks N. of cor.
of secs. 19, 24, 25 and 30,
as heretofore described

Thence I run

N 89° 40' W. on a true
line, bet. secs. 24 and 25

Descend to

6.50 Dry wash, 50 lks. wide,
course S. E.; and
ascend

37.00 Top of mesa, bears N. W. $\frac{3}{4}$ S.

40.00 Set a granite stone

78

Chains Subdivisions of

18 x 8 x 6 ins., 12 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 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.

80.00 The cor. of secs. 23, 24, 25^{2d} of 26
Land level and rolling
Soil, gravelly loam, 3rd rate
No timber, undergrowth
catsclaw, mesquite and
jano along wash.

No. 4 E., bet. secs. 23^{2d} of 24

Over rolling land
17.20 Dry wash, 30 lbs. wide,

T. 12 S. R. 26 E. - Continued

- Chains course E; thence N. E.
- 38.00 Enter valley, course S. E.
- 40.00 Set a malpais stone
 $15 \times 10 \times 6$ ins., 10 ins. in
 the ground for $\frac{1}{4}$ sec. cor.,
 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.
- 42.00 Dry wash, 20 lks. wide,
 course E.
- 50.50 Leave valley, course S. E.
- 51.00 Dry wash, 20 lks. wide,
 course E.
- 80.00 Set a sand stone,
 $16 \times 7 \times 6$ ins., 11 ins. in the

Chains

Subdivisions of
ground for cor. of
secs. 13, 14, 23 and 24,
marked

12 S. on N.E. and
26 E. on S.E. faces,
with 3 notches on S.
and 1 notch on E. edges,
dig pits 18 x 18 x 12 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 loam; 3rd rate
No timber; undergrowth
mesquite, catsclaw and
yucca undergrowth

T. 12 S. R. 26 E. - Continued

- Chains of 89° 40' E. on a random line, bet. secs. 13 and 24
- 40.00 Set Temp. $\frac{1}{4}$ sec. cor.
- 79.96 Intersect E. bdy 2 lks. N. of cor. of secs. 13, 18, 19 and 24, as heretofore described. Thence I run
- N 89° 39' W., on a true line, bet. secs. 13 and 24
- Over rolling land
- 30.00 Descend
- 39.98 Foot of descent, bears N. W. and S. E.; and set a malpais stone 15 x 6 x 6 ins., 10 ins. in the ground for $\frac{1}{4}$ sec. cor., marker $\frac{1}{4}$ on N. face; dig pits 18 x 18 x 12 ins. E. and W.

Subdivisions of

Chains

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.;
and ascend

41.00 Top, bears N. W. and S. E.

79.96 The cor. of secs. 13, 14, 23 ²/₄ / 24

Land, rolling

Soil, gravelly loam, 2nd rate
No timber, undergrowth
scattering mesquite,
cats claw and yucca

October 29, 1897

October 30: At 8 h. 55^m.

A. M., l. m. t., I set
off $32^{\circ} 23'$ N. on the lat.
arc, and $13^{\circ} 59'$ S. on
decl. arc, and determine
a true meridian at

T. 12 S. R. 26 E. - Continued

Chains

cor. of secs. 13, 14, 23rd/24

Thence I run

N^o 4' E, bet. secs. 13rd/14

Over rolling land

20.00 Enter valley, course S. E.

36.00 Leave valley and ascend

40.00 Set a malpais 16x8x6
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., $1\frac{1}{2}$ ft. high, W. of cor.

44.00 Top of ascent; bears
N. W. and S. E.; and descend

45.00 Enter draw, course S. E

50.00 Leave draw, and ascend

Subdivisions of

Chains

54.00 Top, bears N.W. and S.E.

79.50 Enter draw, course S.E.

80.00 Set a granite stone
18x10x8 ins., 12 ins. in
the ground for cor.
of secs. 11, 12, 13 and 14,
marked

12 S. on N.E. and
26 E. on S.E. faces,
with 4 notches on S.
and 1 notch 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 loam; 2nd rate
No timber; undergrowth

T. 12 S. R. 26 E. - Continued

Chains

scattering catsclaw
and yucca

$S 89^{\circ} 39' E$, on a random
line, bet. secs. 12 and 13

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

80.06 Intersect E. bdy. of
Tps., 33 lks. N. of cor.

of secs. 7, 12, 13 and 18,
as heretofore described

Thence I run, $N 89^{\circ} 25' W$
on a true line bet.

secs. 12 and 13

Over rolling land

40.03 Set a malpais

stone, $18 \times 9 \times 8$ ins., 12

ins., in the ground

for $\frac{1}{4}$ sec. cor., marked

$\frac{1}{4}$ on N. face; dig

Subdivisions of

Chains

- pits 18 x 18 x 12 ins. E.
and W. of stone, 3 ft.
dist.; and raise a mound
of earth 3½ ft. base,
1½ ft. high, N. of cor.
- 62.40 Dry wash, 20 lks. wide,
course S. E.
- 80.06 The cor. of secs. 11, 12,
13 and 14
Land, rolling
Soil, gravelly loam; 3rd rate
No timber
-
- N 0° 4' E, bet. secs. 11^{2d}/₁₂
Over rolling land
- 1.20 Dry wash, 30 lks. wide,
course E., thence S. E.
- 8.00 Leave valley and
ascend

T. 12 S. R. 26 E. - Continued

- Chains
- 12.00 Top of ascent, bears E. and W., and descend
- 15.00 Foot of descent, bears N.W. and S.E.
- 19.75 Dry wash, 10 lks. wide, course S.E.
- 20.00 Ascend
- 27.00 Top, bears N.W. and S.E. and descend
- 30.00 Foot of descent
- 31.60 Dry wash, 10 lks. wide, course S.E.
- 35.00 Ascend
- 40.00 Top of ascent, bears E. and W. - Set a malpais stone, 13x10x6 ins., 9 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; dig

Subdivisions of
Chains pits 18x18x12 ins. N. and
S. of stone, 3 ft. dist.,
and raise a mound
of earth, 3 ½ ft. base,
1 ½ ft. high, W of cor.
and descend

43.00 Enter draw, course E

45.00 Leave draw and ascend

49.00 Top of ascent, bears E. ¾ W.
and descend

57.00 Enter valley, course S. E

72.00 Leave valley and ascend

76.00 Top, bears E. and W.

80.00 Set a malpais stone
16x10x3 ins., 11 ins. in
the ground, for cor.
of secs. 1, 2, 11 and 12,
marked

12 S. on N. E., and

T. 12 S. R. 26 E. - Continued

Chains 26 E. on S. E. faces,
with 5 notches on S.
and 1 notch 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 loam,
3rd rate

No timber, undergrowth
scattering mesquite,
cats claw and yucca.

S 89° 25' E., on a random
line, bet. sees. 1 and 12

40.00 Set temp. ¼ sec. cor.

Subdivisions of T. 12 S. R. 26 E. - Continued

- 80.04 Intersect E. bdy
of Tps. 35 lbs. N. of
cor. of secs. 1, 6, 7 and 12,
as heretofore described.
Thence I ran
789° 10' W., on a true
line, bet secs. 1 and 12
Ascending
10.00 Top, bears N. E. and S. W.
and descend
13.00 Foot of descent and
ascend
20.00 Top, bears N. E. and S. W.
34.00 Descend
40.02 Set a malpais stone
19 x 12 x 5 ins., 12 ins.
in the ground for
1/4 sec. cor., marked
1/4 on N. face; dig pits
18 x 18 x 12 ins. E. and W. of stone