

BOOK 828

No. 828

4-671

FIELD NOTES

GENERAL LAND OFFICE.

Resurvey
— of —

E. & W. Boundaries

— and —

Subdivision

— of —

T. 16 S. R. 15 E.

828

No. 828

BOOK 828

Field-Notes
of the
Resurvey of the
East and West Boundaries
and
Survey of the Subdivision
— of —
Township 16 South,
Range 15 East.
— of the —
Gila and Salt River, Base's Meridian
in the
Territory of Arizona
as surveyed by
Philip Contzen
U. S. Deputy Surveyor
under his contract No 36
dated February 5th 1895
Survey commenced June 7 1895
Survey completed June 21 1895

BOOK 828
 BOOK 829
 BOOK 830
 (1-614)

2

Township 16 South R. 15 East

43	6	158	5	128	4	106	3	85	2	65	1	7
	156		155		126		105		84		64	
40	7	153	8	124	9	103	10	82	11	62	12	10
	151		149		122		101		80		60	
38	18	148	17	120	16	99	15	78	14	58	13	12
	145		144		119		98		77		57	
35	19	144	20	117	21	96	22	75	23	55	24	16
	139		138		115		94		73		53	
33	30	136	29	113	28	92	27	71	26	51	25	17
	134		132		111		90		70		48	
30	31	130	32	109	33	88	34	68	35	46	36	21

Resurvey of the E. bdy. of

June 7th. 1895: At the
cor. of Tps. 16 and 17. S.
R's 15 and 16 E., latitude
 32° N, longitude $110^{\circ}45'$ W.

At 9^h 30^m. a. m. l. m. t.,
I set off 32° on the lat.
arc; $22^{\circ}47'$ N. on the decl.
arc. and determine a
true meridian, with
the solar.

Thence I run,
North on a blank line,
on the east boundary;
at 40.28 chs, I find $\frac{1}{4}$
sec. cor. East, 16 lks dist.;
and at 80.08 chs, the
corpt of secs 25, 30, 31 and
36, East $32\frac{1}{2}$ lks. dist.;
therefore I continue my

T. 16. S. R. 15 E. G. and S. R. Mer.

line north, find the
falling to corners in-
creasing to the east,
the further north I go,
and nearly all the cors.
obliterated. At 5 miles
68.73 chs. intersect the
Third Standard Parallel
South at a point 5.99
chs. W. of the standard
cor. of Tps. 15 S. R's 15
and 16 E, which I re-
established May 27. 1895.
I make diligent search
for the original closing
cor. of Tps. 16 S. R's 15 and
16 E, and at a point
5.04 chs. W. of standard
cor. of Tps 15. S. R's 15 and 16 E

Resurvey of the E. bdy of
Chains

I find portion of decayed post, 2 ins. above the ground, I reestablish the closing cor. of Tps 16 S. R's 15 and 16 E, at the same point, as follows:
Set a limestone $15 \times 8 \times 7$ ins., 10 ins. in the ground, for closing cor. of Tps 16 S, R's 15 and 16 E, marked C.C. on S., with 6 grooves on S., E, and W. faces; dig pits, $30 \times 24 \times 12$ ins., crosswise on each line, E. and W., 4 ft., and S. of stone, 8 ft. dist.; and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high, S. of cor.

T. 16 S. R. 15 E - Continued
chains

The difference, of the intersection of the blank line and the established closing of the E. bdy of this township, W. of the standard cor. of Tps 15 S. R's 15 and 16. E, is "95 lks"; therefore the true bearing of the E. bdy is $N0^{\circ}7' E$ and $S0^{\circ}7' W$.

Thence I run

$S0^{\circ}7' W$, bet sees. 1 and 6.
Over rolling land,
through scattering under-
growth

- 75 Trail bears N. W. and S. E.
- 80 Trail bears N. W. and S. E.
- 17.90 Road bears N. W. and S. E.

Resurvey of the E. bdy. of
Chains

21.00 Trail bears N.W. and S.E

30.25 The old $\frac{1}{4}$ cor. which was a post, has disappeared, but distinct remains of cor. point remain; no bearing trees, described in the field notes of the original survey visible. I reestablish the cor. at the same point as follows:
Set a sandstone $18 \times 8 \times 4$ 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 of cor.

T. 16 S. R. 15 E. - Continued

Chains

70.15

The old cor., which was a post, has disappeared, but distinct remains of mound visible; I reestablish the cor. at the original point as follows:

Set a sand stone $16 \times 8 \times 6$ ins., 12 ins. in the ground for cor. of secs 1, 6, 7 and 12, marked with notch on N. and 5 notches on S. edges; from which a mesquite 4 ins. diam. bears $S 81 \frac{1}{2}^{\circ} E$. 68 fks. dist., marked T. 16. S. R. 16 E. ^{S. 35}, dig pits, ^{18 x 18 x 12 ins} in secs 1, 6 and 12, $5 \frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft

Resurvey of the E. bdy

Chains

base; $1\frac{1}{2}$ ft. high, No. 1 cor.
 Land, rolling
 Soil, gravelly loam; 3rd rate
 No timber; undergrowth,
 greasewood

S $0^{\circ}7'$ W; bet. secs 7 and 12
 Over rolling and level land
 through undergrowth

24.14 Trail bears N.W. and S.E

27.16 Trail bears N.W. and S.E

39.90 The old $\frac{1}{4}$ sec. cor. is a
 decayed post, lying on
 the ground, with marks
 nearly obliterated; I de-
 stroy said post, and
 reestablish the cor. at
 the original place, as
 follows: Set a mesquite

of T. 16. S. R. 15. E. Continued

Chains

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 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.

- 50.70 Trail bears N.W. and S.E.
 52.20 Trail bears N.W. and S.E.
 70.57 Trail bears N.W. and S.E.
 79.70 The old cor. of secs, 7, 12, 13 and 18, which was a post, has disappeared, but indistinct remains of pits visible; I re-establish the cor. in the original place, as follows:

Resurvey of the E. bdy of

Chains

Set a sand stone $15 \times 9 \times 6$ ins., 10 ins. in the ground for cor. of secs. 7, 12, 13 and 14, marked with 2 notches on N. and 4 notches on S. 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 and level
Soil, loam, 2nd rate
No timber; undergrowth
greasewood and mesquite

S $0^{\circ}7'$ W., bet secs. 13 and 18
Over level and rolling land
through greasewood under-
growth.

T. 16 S. R. 15 E - Continued

Stations

- 16.00 Road bears E. and W
- 39.67 The old $\frac{1}{4}$ sec. cor. is a decayed post, lying on the ground, marks obliterated. I destroy the old post, and reestablish the cor. at the original place, as follows:
 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 W. face; 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.
- 43.00 Trail bears N. W. and S. E.
- 51.00 Road from Tucson to

Resurvey of the E. bdy. of

Chains

- Jarvis Spring bears N.W. and S.E.
 54. 90 Dry Wash, 4 lks wide, bower S.E.
 55. 42 Trail bears N.W. and S.E.
 66. 60 Trail bears N.W. and S.E.
 79. 75 The old cor. of secs 13, 18, 19
 and 24 has disappeared,
 but the old bearing trees,
 described in the field
 notes of the original
 survey still exist, from
 which, I find the original
 cor. point. I reestablish the
 cor. as follows: Set a
 sand stone 17x10x8 ins
 11 ins. in the ground,
 for cor. for secs 13, 18, 19
 and 24, marked with
 3 notches on N. and S.
 edges, from which

T. 16. S. R. 15 E - Continued

Chains

A mesquite 4 ins. diam,
bears $N 48^{\circ} \frac{3}{4} W$, 250 lks dist,
marked T. 16 S. R. 15 E. S.

13. B. T. (old bearing tree)

A palo verde 4 ins. diam
bears $N 29^{\circ} E$, 281 lks dist,
marked T. 16 S. R. 16 E. S. 18

B. T. (old bearing tree);

No other trees within limits;
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, $1\frac{1}{2}$ ft
high.

Land level and rolling
Soil, loam; 2nd rate
No timber; undergrowth,
greasewood and mesquite

Resurvey of the E. bdy

Chains

S $0^{\circ}7'W$, bet secs 19 and 24Over level and rolling
land through underground

39.80 The old $\frac{1}{4}$ sec. cor. is
a post lying on the ground,
with marks nearly obliterated;
I destroy the old post
and reestablish the cor.

as follows: 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 W. face; from
which

A scrub mesquite 6 ins.
diam. bears $N68^{\circ}W$, 107
lks. dist; marked $\frac{1}{4}$ S.

B. F.

of T. 16 S. R. 15 E - (Continued)
Chains

A scrub mesquite 8 ins diam.
bears. S55°E, 74 lks dist.,
marked $\frac{1}{4}$ S. B. T.

49.70 Trail bears E. and W.

79.55 The cor. of secs 19, 24, 25 and
30, which is a mesquite
post, 24 ins. above ground
4 ins. square, marked
and witnessed as des-
cribed by the surveyor general
Land, level and rolling
Soil, loam; 2nd rate
No timber; undergrowth
mesquite and greasewood

S0° 7' W, bet secs. 25 and 30
Over level land through
scattering undergrowth

39.71 The old $\frac{1}{4}$ sec. cor. which

Resurvey of the E. bdy of
Chains

was a post, has disappeared, but distinct remains of pits, visible, I reestablish the cor.

at the original place, as follows: 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 W. face; from which

A mesquite 5 ins. diam. bears $N 12^{\circ} E$, 41 lks. dist., marked $\frac{1}{4}$ S. B. T.

A mesquite 6 ins. diam. bears $S. 89^{\circ} E$, 142 lks. dist., marked $\frac{1}{4}$ S. B. T.

48.40 Trail bears N. W. and A. E.

T. 16. S. R. 15E - Continued

Chains

- 77.00 Enter dense timber bears
E. and W
- 79.10 Enter dry bed of Wash,
course N 87° W.
- 79.50 The old cor. of secs. 25, 30,
31 and 36 has disappeared,
and from the bearing
tree, in Sec. 30, which
is the only one to be
found, I reestablish
the cor in the original
place, as follows:
Set a limestone 28x12x6
ins, 21 ins in the ground,
for cor. of secs 25, 30, 31
and 36, marked with
5 notches on N. and 1
notch on S. edges;
from which:

Resurvey of the E. bdy. of
Chains

A mesquite 8 ins. diam.
bears $N 83\frac{1}{2}^{\circ} E$, 210 lks. dist.
marked T. 16 S. R. 16 E. S.

30. B. T. (old bearing tree)

A mesquite 8 ins. diam.
bears $S 51^{\circ} E$, 133 lks. dist.,
marked T. 16. S. R. 16 E.

S. 31. B. T.

A tesota 4 ins. diam. bears
 $S 64^{\circ} W$, 39 lks. dist. marked
T. 16. S. R. 15 E S. 36. B. T.

A mesquite 5 ins. diam.,
bears $N 1^{\circ} W$, 134 lks. dist.,
marked T. 16. S. R. 15 E.

S. 25. B. T.

Land, level

Soil, loam; 2nd rate

Timber, mesquite, tesota
and palo verde; under-

T. 16 S. R. 15 E. - Continued

Chains

growth, mesquite and
greasewood, chollas.
Heavily timbered land 2.50 chs

S $0^{\circ}7'$ W., bet sees 31 and 36
Over level land, through
dense timber

3.00 Leave dry bed of Wash,
course N 87° W

4.00 Leave dense timber
and enter scattering
undergrowth

39.80 The old $\frac{1}{4}$ sec. cor. has
disappeared, but faint
remains of cor. point
and mound visible;
I reestablish the cor.
at the original place,
as follows: Set a white
marble stone 16 x 10 x 7 ins

Resurvey of the E. bdy of
Chains

11 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.

80.08 The old cor. of Tps 16
and 17 S. R's 15 and 16 E,
which is a decayed
post, with marks
nearly obliterated;
I destroy the old post,
and reestablish the
cor. at the same point,
as follows: Set a
slate stone $16 \times 15 \times 6$,
11 ins in the ground,

T. 16. S. R. 15 E - Continued

Chains

for cor. of Tps 16 and 17
 S. R's. 15 and 16. E, marked
 with 6 notches on each
 edge, dig pits 24x24x12
 ins., on each line, N, E
 and W, 4 ft., and S. of
 stone 8 ft dist.; and
 raise a mound of earth,
 5 ft. base, 2½ ft. high,
 S. of cor. (A mesquite 8
 ins. diam. bears $N58^{\circ}45'W$
 316 lks. dist., marked T.
 16 S. R. 15. E. S. 36. B. T.
 A mesquite 12 ins. diam
 bears $S88^{\circ}30'W$. 393 lks
 dist., marked T. 17. S. R.
 15. E. S. 1. B. T.)
 Land, level

Resurvey of the E. bdy of
Chains

Soil, loam; 2nd rate
Timber, mesquite, tesota
and palo verde; under-
growth mesquite and
greasewood

Land heavily timbered & chs.
June 7. 1895

J. W. S. R. 158 - Concluded

Resurvey of the W. bdy of
Chains

June 8th 1895: I begin at the closing cor. of Tps. 16 S. Rs 14 and 15 E, which is a post greatly decayed, and the marks are obliterated. I destroy all traces of the old corner, and reestablish it at the same point, as follows:

Set a sandstone $16 \times 12 \times 8$ ins., 11 ins. in the ground, for closing cor. of Tps 16 S. Rs. 14 and 15 E; marked C.C. on S; with 6 grooves on S, E, and W. faces; dig pits $30 \times 24 \times 12$ ins crosswise on each line, East W, 4 ft., and S.

T. 16. S. R. 15 E. - Land. S. R. Mt.

Chains

of stone 8 ft. dist, and
raise a mound of earth
5 ft base, $2\frac{1}{2}$ ft. high,
S. of cor. (A mesquite 4
ins. diam, bears $S 3^{\circ} W$.

$52\frac{1}{2}$ lks dist. marked
T. 16 S. R. 14 E. S. 1 B. T.

A palo verde 5 ins. diam
bears $N 24^{\circ} W$. 99 lks. dist.
marked C. C. T. 16 S. R. 14 & 15 E., B. T.

At 9.30 A. M. l. m. t.
at the above mentioned
closing cor, I set off
 $32^{\circ} 5'$ on the lat. arc;
 $22^{\circ} 53' N$. on the decl. arc.

and determine a true
meridian with the solar.

Thence I run

South on a blank line

Resurvey of the W. bdy of
Chains
on the west boundary
of this township.

- 48.48 $\frac{1}{4}$ sec. cor., bears 30 lks. W.
- 89.02 The cor. of secs. 1, 6, 7 and 12 bears 54 lks.
West.
- 129.00 $\frac{1}{4}$ sec. cor. bears 79 lks. W.
- 169.00 The cor. of secs. 7, 12, 13 and 18
bears 104 lks. West
- 209.22 $\frac{1}{4}$ sec. cor. bears 141 lks. West
- 249.40 The cor. of secs. 13, 18, 19 and 24 bears
176 lks. West
- 289.54 $\frac{1}{4}$ sec. cor., bears 146 lks. West
- 329.68 The cor. of secs. 19, 24, 25 and 30
bears 116 lks. West.
- 369.68 $\frac{1}{4}$ sec. cor. bears 116 lks. West
- 5409.73 The cor. of secs. 25, 30, 31 and 36 S
- 450.02 $\frac{1}{4}$ sec. cor. bears 116 lks. West
- 490.02 The cor. of Tps 16 and 17 S. R. 14 E.
bears 116 lks. W.
As I find that all the
corners on this bdy line
are obliterated, I resurvey

T. 16. S. R. 15 E - Continued

Chains

said bdy. line as follows:
The old cor. of Tps. 16 and
17 S. R. 14 E, which was
as post, has disappeared
but indistinct remains
of mound visible. I
reestablish the cor. at
the same point, as follows:
Set a granite stone
16x12x10 ins., 11 ins. in the
ground, for cor. of
Tps. 16 and 17 S, R. 14 E,
on N. bdy of T. 17. S. R. 15 E,
marked with 6 notches
on N. and S. edges;
dig pits 30x24x12 ins.,
on each line, N. and S.,
4 ft., and W. of stone
8 ft. dist.; and raise

Resurvey of the W. bdy of
Chains

a mound of earth,
5 ft. base, $2\frac{1}{2}$ ft. high,
W. of cor. (The old bearing
tree, which is: A mesquite
5 ins. diam bears $S 66\frac{1}{2}^{\circ} W$
76 lks dist, marked S. 17.
S. R. 14 E. S. 1. B. T.)

Thence, I run
North, bet. secs. 31 and 36
Over level land, through
scattering timber

29.00 Dry Wash, 8 lks wide, course $N. W.$

36.07 Dry Wash, 7 lks wide, course $N. 15^{\circ} W.$

40.00 The old $\frac{1}{4}$ sec. cor. has
disappeared, but dis-
tinct remains of mound
visible; I reestablish
the cor. as follows: I set a
sandstone $15 \times 10 \times 8$ ins, 10 ins

T. 16 S. R. 15 E. - Continued

Chains

in the ground, for $\frac{1}{4}$ sec.

cor., marked $\frac{1}{4}$ on W.

face; from which:

A mesquite 4 ins. ^{diam.} bears

S $87\frac{1}{2}^{\circ}$ E, 50 lks dist, marked

$\frac{1}{4}$ S. B. T.

A mesquite 4 ins. diam

bears S $44\frac{1}{2}^{\circ}$ W, 52 lks. dist,

marked $\frac{1}{4}$ S. B. T.

55.90 Dry Wash, 6 lks wide, course N.W.

70.34 Road bears N.W. and S.E.

74.38 Dry Wash, 4 lks wide, course West

75.30 Dry Wash 30 lks wide, course West

76.00 Dry Wash 10 lks wide, course West

80.29 The cor. for sees 25, 30, 31

and 36 is a decayed

post lying on the ^{ground}, marks

obliterated. I destroy the

the post and reestablish

Resurvey of the W. bdy of
Chains

the cor. at the same point as follows: Set a granite stone $16 \times 12 \times 4$ ins., 11 ins. in the ground, for cor. of secs 25 and 36, marked with 5 notches on N., and 1 notch on S. edges, from which a mesquite 4 ins. diam bears $N 62^\circ W$, 172 lks. dist marked T. 16 S. R. 14 E.

S. 25 B. T., no other tree within limits, dig pits, $24 \times 24 \times 12$ ins., in each sec., 6 ft dist., and raise a mound of earth, 4 ft base, 2 ft. high. W. of cor. Land, level soil, rich loam; 1st rate

T. 16. S. R. 15 E - Continued

Chains

Timber, scattering mesquite

North, bet. secs. 25 and 30
Over level land, through
undergrowth

10.00 Enter dense mesquite
undergrowth

22.00 Leave dense mesquite
undergrowth

28.75 Dry Wash, 20 lks wide, course N. W.

40.05 The old 1/4 sec. post has
disappeared, but distinct
remains of mound visible.
I reestablish the cor,
as follows: Set a
mesquite post, 3 ft
long, 3 ins. sq. with
marked stone, 24 ins.
in the ground, marked

Resurvey of the W. bdy of
Chains

- $\frac{1}{4}$ S. on W. face; from which
A mesquite 4 ins. diam
bears $N34\frac{1}{2}^{\circ}E$, 144 lks
dist; marked $\frac{1}{4}$ S. B.T.
A mesquite 4 ins. diam.
bears $S9^{\circ}W$. 47 lks. dist;
marked $\frac{1}{4}$ S. B.T.
- 42.22 Wash (dry) 10 lks wide, course W.
- 44.22 Road bears E and W.
- 72.46 Trail bears E. and W.
- 80.05 The old cor. of secs.
19, 24, 25 and 30 is de-
cayed stake, lying on
the ground, with marks
nearly obliterated, I de-
stroy the same, and
reestablish the cor. in
the original place, as
follows: Set a sand.

T. 16. S. R. 15. E. - Continued

Chains

stone $14 \times 9 \times 7$ ins., 9 ins.
 in the ground for cor
 of secs. 24 and 25,
 marked with 4 notches
 on N., and 2 notches on
 S. edges; dig pits
 $24 \times 24 \times 12$ ins., in each
 sec., 6 ft. dist.; and
 raise a mound of earth,
 4 ft. base, 2 ft. high.
 W. of cor.

Land, level

Soil, rich loam; 1st rate.
 No timber; undergrowth
 mesquite and greasewood
 dense undergrowth 12 chs

$N 0^{\circ} 26' W$, bet secs. 19 and 24

Over level land

40.14

The old 1/4 sec. post

Resurvey of the W. bdy of
Chains

has disappeared, but distinct remains of mound visible; I reestablish the cor. at the original place, as follows: 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 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.

80.28 The cor of secs 13, 18, 19 and 24, has disappeared

T. 16. S. R. 15 E - Continued

Chambers

but distinct remains of mound visible; I reestablish the cor. at the original place, as follows: Set a mesquite post 3 ft. long 4 ins sq. with marked stone, 24 ins. in the ground, for cor. of secs. 13 and 24, marked T. 16 S. S. 13 on N. W. and R. 14 E. S. 24 on S. W. faces, with 3 notches on N. and S. edges; dig pits 24 x 24 x 12 ins. in each sec., 6 ft. dist, and raise a mound of earth 4 ft base, 2 ft high, W. of cor.

Resurvey of the W. bdy of

Chains

Land, level

Soil, rich loam; 1st rateNo timber; undergrowth
scattering greasewoodN^o 31' E, bet secs 13 and 18Over genty rolling land
through scattering
under growth

40. 18 The old $\frac{1}{4}$ sec. post
has disappeared, but
distinct remains of
mound visible, I re-
establish the cor. at
the original place, as
follows: Set a mes-
quite post, 3 ft. long
3 ins. sq. with marked
stone, 24 ins. in the

F. 16 S. R. 15 E - Continued

Chains

ground, for $\frac{1}{4}$ sec. cor.,
 marked $\frac{1}{4}$ S. on W.
 face; dig pits 18x18x12 in
 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.

47.85 Road bears E. and W.

80.40 The old cor. of sees; 7, 12,
 13 and 18 is a decayed
 stake, lying on the
 ground, with marks
 obliterated; I destroy
 the old stake and re-
 establish the cor. at
 the original place,
 as follows: Set a
 sandstone 15x10x6 ins,
 10 ins. in the ground

Resurvey of the W. bdy of

Chains

for cor. of secs 12 and 13,
 marked with 2 notches
 on N. on 4 notches on
 S. edges; dig pits
 24 x 24 x 12 ins. in each
 sec. 6 ft. dist; and
 raise a mound of earth
 4 ft. base, 2 ft high, W
 of cor.

Land, gently rolling
 Soil, loam; 2nd rate
 No timber; undergrowth
 greasewood

N^o 21' E., bet secs. 7 and 12
 Over rolling land,
 through undergrowth

40.00 The old 1/4 sec. post,
 has disappeared,

T. 16. S. R. 15E - Continued

Chains

but the old mound still remains; I reestablish the cor. at the original place, as follows:

Set a sandstone $15 \times 10 \times 6$ 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.

58.25 Road from San Xavier bears E and W.

59.50 Dry Wash 5 lks wide, course W.

60.40 Dry Wash 8 lks wide, course W.

79.98 The old cor. of sees 1, 6

Resurvey of the W. bdy of

Chains

7 and 12 is decayed post lying on the ground; marks nearly obliterated; I destroy the old post and re-establish the cor. at the original place, as follows: Set a sand stone $14 \times 12 \times 4$ ins. qins. in the ground for cor. of secs 1 and 12, marked with 1 notch on N. and 5 notches on S. edges; from which
 A mesquite, 10 ins. diam. bears $S 46\frac{1}{2}^{\circ} W$, 248 lks. dist. marked T. 16 S. R. 14 E. S. 12. B. T.
 A mesquite, 3 ins. diam. bears $N 54\frac{1}{2}^{\circ} W$, 31 $\frac{1}{2}$ lks. dist. marked T. 16 S. R. 14 E. S. 1. B. T.

T. 16 S. R. 15 E. Continued

Chains

Land, rolling
 Soil, gravelly loam; 3rd rate
 Timber, a few scattered
 mesquites; undergrowth
 greasewood

N^o 21' E., bet secs 1 and 6
 Over rolling land,
 through timber and
 undergrowth

40.54 The old $\frac{1}{4}$ sec. cor.
 is a decayed post
 lying on the ground;
 I destroy the old post,
 and reestablish the cor
 at the original place,
 as follows: Set a
 mesquite post, 3 ft
 long, 3 ins. sq. with

Resurvey of the W. bdy of T. 15 S. R. 15 E. Concluded

Chains

marked stone, 24 ins.
in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S.
on W. face, from which
A palo verde, 14 ins. diam.,
bears $N 20\frac{1}{4}^{\circ} W$, 55 lks. dist.,
marked $\frac{1}{4}$ S. B. T.

A palo verde 8 ins. diam.
bears $S 79^{\circ} E$, 211 lks. dist.,
marked $\frac{1}{4}$ S. B. T.

89.02 The closing cor. of Tps
16 S. R's 14 and 15 E.
(4.10 chs. W. of standard cor.
of Tps. 15. S. R's 14 and 15 E)

Land, rolling
Soil, gravelly loam; 3rd rate
Timber, palo verde; under-
growth, palo verde and
greasewood June 8. 1895

Boundaries of S. 16. S. R. 15 E

Latitudes, departures, and closing errors.

Line designated	True bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
S. bdy. S. 16 S. R. 15 E	West	479.60				479.60
W. bdy.	North	59.11	59.11			
W. bdy.	North	80.05	80.05			
W. bdy.	N 0° 26' W	80.28	80.28			60
W. bdy.	N 0° 31' E	80.40	80.40		.72	
W. bdy.	N 0° 21' E	79.98	79.98		.50	
W. bdy.	N 0° 21' E	89.02	89.02		.54	
3rd Standard Cor. S.	East	478.66			478.66	
E. bdy. S. 16 S. R. 15 E	S 0° 07' W	468.73		468.73		95
Conbergency						46
Total			468.84	468.73	480.88	481.15
Error in lat.			468.73	Error in dep.		480.88
			.11			.27

S. 16 S. R. 15 E

W. bdy.

N 80

Subdivision - of -

Chains

June 11th 1895: At the cor. of sees. 1, 2, 35 and 36, on the S. bdy. of the Twp, which I established June 10th 1895. at 9^h 30^m a. m. l. m. t. I set off 32^o N on the lat. arc, 23^o 7' N on the decl. arc. and determine a true meridian, with the solar.

Thence I run

N 0^o 6' E, bet sees 35 and 36
Over level land, through
scattering timber and
undergrowth

40.00 Set a mesquite post, 3 ft
long, 3 ins. sq. with marked
stone, 24 ins. in the ground
for 1/4 sec. cor, marked

T. 16. S., R. 15. E.

ains

$\frac{1}{4}$ S. on W. face; from which
 A mesquite 6 ins. diam. bears
 $N54^{\circ}E$, 46 lks. dist. marked
 $\frac{1}{4}$ S. B. T.

A mesquite 6 ins. diam. bears
 $S56^{\circ}W$, 77 lks. dist. marked
 $\frac{1}{4}$ S. B. T.

80.00

Set a slate stone $16 \times 10 \times 4$
 ins., 11 ins. in the ground
 for cor. of secs. 25, 26, $35\frac{3}{4}$, 36,
 marked with 1 notch on
 S. and E. edges; from
 which:

A mesquite 5" ins. diam
 bears $S44^{\circ}E$, 91 lks. dist,
 marked T. 16. S. R. 15 E. S.
 36. B. T.

A mesquite 4 ins. diam.
 bears $S80\frac{3}{4}^{\circ}W$, 69 lks

Subdivision of Chains

dist, marked T. 16. S. R.
15. E. S. 35. B. T.

A mesquite 4 ins. diam,
bears $N 76 \frac{1}{4}^{\circ} W$, 139 lks
dist, marked T. 16. S. R. 15. E.
S. 26. B. T., no other tree
within limits; dig a
pit $18 \times 18 \times 12$ ins. in sec.
25, $5 \frac{1}{2}$ ft dist, and
raise a mound of
earth $3 \frac{1}{2}$ ft. base, $1 \frac{1}{2}$ ft. high,
W. of cor.

Land level
Soil, loam; 1st rate,
timber, mesquite; under-
growth, mesquite and
greasewood.

East, on a random line
bet. secs 25 and 36

T. 16. S. R. 15 E - Continued

ains
0.00Set temp. $\frac{1}{4}$ sec. cor.

0.14 Intersect E. bdy. of T_p 30 W₂
N of cor. of sec's 25, 30, 31 and 36,
which I reestablished
June 7. 1895

Thence I run

N 89° 47' W, on a true line
bet. secs 25 and 36

Through dense timber and
undergrowth, in dry wash,
average width 3 chs, course W.

0.07 Leave dense timber, and
wash, course N. W. and
enter greasewood

0.07 Set a granite stone
16 x 12 x 10 ins, 12 ins. in
the ground for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{4}$ on N. face;
from which

Subdivision of

Chains

A palo verde 6 ins. diam.
bears $N61\frac{3}{4}^{\circ}E$, 245 lbs dist,
marked $\frac{1}{4}$ S. B. T.

A mesquite 6 ins. diam
bears $S23\frac{1}{2}^{\circ}W$, 309 lbs
dist. marked $\frac{1}{4}$ S. B. T.

61.90 Trail bears N. W. and S. E

80.14 The cor. of sees 25, 26, 35^a & 36

Land, level

Soil, alluvial and sandy,
1st and 3rd rate

Timber, mesquite, tesota
and palo verde; under-
growth mesquite, tesota
and greasewood

Heavily timbered land,
or land covered with dense
undergrowth 37 chs.

T. 16. S. R. 15 E - Continued

chains

- $N 0^{\circ} 6' E$, bet. secs 25 and 26
 Over level land, through
 scattering undergrowth
 21.00 Enter dense timber and
 dry Wash, course N. W
 25.00 Leave dry Wash, course N. W
 27.00 Leave dense timber
 40.00 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 W.
 face; from which
 a mesquite 5 ins. diam.
 bears $N 56^{\circ} E$, 47 lbs. dist,
 marked $\frac{1}{4}$ S. B. T.
 A mesquite 4 ins. diam.
 bears $S 52^{\circ} \frac{1}{2}' W$, 53 lbs. dist.
 marked $\frac{1}{4}$ S. B. T.

Subdivision of

Chains

- 69.94 Road bears N.W and S.E
- 79.90 Dry wash 4 lks wide, course W.
- 80.00 Set a porphyry stone
 $16 \times 12 \times 8$ ins. 11 ins. in the
ground, for cor. of
secs 23, 24, 25 and 26,
marked with 2 notches
on S. and 1 notch on E.
edges; from which
a mesquite 6 ins. diam
bears $S 17\frac{1}{2}^{\circ} W$, $33\frac{1}{2}$ lks
dist; marked J. 16. S.
R. 15. E, S. 26. B. T.; no
other trees within limits;
dig pits $18 \times 18 \times 12$ ins. in
secs 23, 24 and 25, $5\frac{1}{2}$ ft
dist; and raise a
mound of earth $3\frac{1}{2}$
ft. base, $1\frac{1}{2}$ ft high;

T. 16. S. R. 15 E - Continued.

Chains

W. of cor.

Land, level

Soil, loam; 2nd rate

Timber, mesquite and

tesota, undergrowth

mesquite and greasewood.

Heavily timbered land (both)

S 89° 47' 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 Twp., 28
lks. N. of cor. of secs. 19, 24

25 and 30, which I re-
established June 7, 1895,

Thence I run

N 89° ³⁵ 43' W, on a true line
bet. secs. 24 and 25

Over gently rolling land

Subdivision of

C chains

through scattering
timber and undergrowth

40.06 Set a limestone $14 \times 10 \times 5$
ins, 9 ins. in the ground,
for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face; from which
A mesquite 5 ins. diam.
bears $N 15\frac{1}{2}^{\circ} W$, 30 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A mesquite 4 ins. diam.,
bears $S 48\frac{1}{2}^{\circ} E$, 69 lks. dist.,
marked $\frac{1}{4}$ S. B. T.

40.32 Dry wash 7 lks. wide,
course N. W.

80.12 The cor. of secs 23, 24, 25 $\frac{3}{4}$, 26
Land, gently rolling
Soil, loam; 1st and 2nd rate
Timber, mesquite;
undergrowth mes-

T. 16 S. R. 15. E. - Continued

chains

quite and greasewood.

N $0^{\circ}6'$ E, bet secs 23 and 24
Over level and rolling land,
through timber and
undergrowth

40.00

Set a mesquite post
3 ft. long, 3 ins. with
marked stone 24 ins.
in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W. face,
from which

A mesquite 12 ins. diam,
bears N $89\frac{1}{2}^{\circ}$ E, 15 lks. dist.,
marked $\frac{1}{4}$ S. B. T.

A mesquite 14 ins. diam,
bears S 64° E, 36 lks. dist.,
marked $\frac{1}{4}$ S. B. T.

80.00

Set a granite stone

Subdivision of T. 16. S. R. 15 E - Continued
chains

17 x 6 x 5 ins, 12 ins. in
the ground for cor. of
secs. 13, 14, 23 and 24,
marked with 3 notches
on S, and 1 notch on E
edges; from which
A mesquite 4 ins. diam.
bears $N 43\frac{1}{2}^{\circ} W$, 67 lks. dist,
marked T. 16. S. R. 15 E.
S. 14. B. T.

A palo verde 8 ins. diam
bears $S 61^{\circ} E$, 68 lks. dist,
marked T. 16 S. R. 15 E.
S. 24. B. T., no other
trees within limits;
dig pits 18 x 18 x 12 ins. in
secs. 13 and 23, $5\frac{1}{2}$ ft. dist,
and raise a mound
of earth 4 ft. base, $1\frac{1}{2}$ ft
high W. of cor. Soil. Exam. 1st row
no timber

Continued, Book 829
Concluded, Book 830.