

BOOK 685

685

685

F I E L D N O T E S
OF THE SURVEY OF THE
SUBDIVISION LINES

OF

Township 7 South, Range 7 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By R. C. Powers, D. S., under
Contract dated July 20, 1883.
Survey commenced Dec. 19, 1887.
Survey completed Dec. 28, 1887.

BOOK 685

6	89	5	65	4	49	3	33	2	16	1
88		87		74		48		32		15
7	85	8	62	9	46	10	30	11	13	12
83		82		61		45		28		12
18	80	17	59	16	44	15	27	14	10	13
79		77		58		42		26		9
19	76	20	56	21	41	22	24	23	7	24
74		73		55		40		22		6
30	71	29	53	28	38	27	21	26	5	25
70		69		52		37		19		3
31	67	32	51	33	35	34	18	35	2	36

Field Notes
of the Survey of the
Subdivision Lines
of
Township 7 South Range 7 East
of the
Cala and Salt River Meridian
of
Arizona Territory
as surveyed by
R. C. Powers
U. S. Dep. Surveyor
Under his Contract No 41
Dated July 20th 1883
Survey commenced Dec 19th 1887
Survey completed Dec 28th 1887

Subdivision T7 S. R. 7 E.

Chain

Preliminary to commencing this survey I ran North on a blank line on the East boundary of Sec 36 and at 39.98 chs found the $\frac{1}{4}$ sec cor and at 80.01 chs found the sec cor.

I also ran west on a blank line on the South boundary of Sec 36 and at 40 chs found the $\frac{1}{4}$ sec cor and at 80 chs found the sec cor.

My compass will therefore run the same line as the exterior boundaries and the chaining practically agrees. Survey commenced Dec 19th 1887 with a Burt's Solar Compass with telescope attachment, manufactured by W. L. E. Dudley of Troy, N. Y. I commenced at the cor to Secs 1, 2, 35 & 36 on the S. boundary of the Township previously established

Subdivision T. 7 S. R. 7 E - Continued
Chain.

and described by me

Thence I run

North bet Secs 35 & 36

Var $12^{\circ} 49' E$.

Over level ground

- 35.00 Cross wagon road bears $N 70^{\circ} 30' E$.
- 38.80 Cross Southern Pacific Railroad
bears $N 53^{\circ} 50' W$ and $S. 53^{\circ} 50' E$.
- 40.00 Set a mesquite post 3 ft long 3 ins
square with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec cor marked
 $\frac{1}{4} S.$ on $N.$ face, dug pits $18 \times 18 \times$
 12 ins. $N \& S.$ of post $5 \frac{1}{2}$ ft diam
and raised a mound of earth
 $1 \frac{1}{2}$ ft high $3 \frac{1}{2}$ ft base around post
- 45.00 Enter Santa Cruz river flats
- 80.00 Set a mesquite post 4 ft long
4 ins square with marked stone
12 ins in the ground for cor to

Subdivision T7S. R7E - Continued
 Chain

Secs 25, 26, 35 & 36 marked

T7S. S. 25 on NE

R7E S 36 on SE.

S 35 on SW and

S 26 on NW. facts with 1
 notch on S and E edges, dug pits
 18 x 18 x 12 ins. in each sec 5 1/2 ft
 dist and raised a mound of
 earth 2 ft high 1/2 ft base around
 post.

Land level

Soil yellow loam, 1st rate

Some greasewood brush entire mile

East on a random line bet Secs 25 & 36

Dir. 12° 30' E

Through Santa Cruz Plate.

40.00 Set temporary 1/4 Sec cor.

79.90 Intersect E. boundary of Township

Subdivision T7S. R4E - Continued
 Chain

60 lks S. of the cor to secs 25.30.31 & 36
 previously established and described
 by me

Thence I run

S. 89° 34' W. on a true line bet Secs
 25 & 36 with same Var.

39.95 Set a mesquite post 3 ft long 3 ins
 square with marked stone 12 ins in
 the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S
 on N. face, dug pits 18 x 18 x 12 ins
 E & W. of post 5 $\frac{1}{2}$ ft dist and raised
 a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft
 base around post

79.90 The cor to secs 25.26.35 & 36

Land level

Soil yellow loam 1st rate

Dense greasewood 4 to 7 ft high
 entire mile.

Subdivision T7 S. R4 E - Continued

Chains

North bet Secs 25 & 26

Var $12^{\circ}50'E$.

Over level ground through Santa Cruz Flats

40.00 Set a mesquite post 3 ft long 3 in square with marked stone 12 in in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S. on W. face, dug pits 18 X 18 X 12 in N & S of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

80.00 In Flats set a mesquite post 4 ft long 4 in square for cor to secs 23, 24, 25 & 26 marked
 T7 S. 24 on NE
 R7 E S 25 on SE
 S. 26 on SW and
 S 23 on NW faces, with 2 notches on S and 1 notch on E

Subdivisions T7S. R7E - Continued
Chain

edges dug pits 18x18x12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base around post.

Land level

Soil alluvial 1st rate

Dense greasewood 4 to 7 ft high and scattering mesquite entire mile

East on a random line bet Secs 24 & 25

U20 12° 49' E

Over level ground

40.00 Set temporary ¼ Sec cor

55.10 Leave Santa Cruz flats bearing N 35° W.

80.10 Intersect E boundary of Township 27 Tks S. of the cor to Secs 19, 24, 25 and 30 previously established and described by me

Subdivision T7 S. R4E - Continued

Chains

Thence S run

S. 89° 48' W. on a true line bet Secs
24 & 25 with same Var.

40.05 Set a mesquite post 3 ft long 3 in
square with marked stone 12 in
in the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S. on N. face dug pits 18 X 18 X 12
in E & W. of post $5\frac{1}{2}$ ft dist
and raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post

80.10 The cor to secs 23, 24, 25 & 26.

Land level

Soil alluvial, 1st rate

Timber, scattering mesquite
dense greasewood and sage
bush entire mile

North bet Secs 23 & 24

Var 12° 49' E.

Subdivision T7 S. R 4 E - Continued

Chairs

Over level ground

Through Santa Cruz flats

40.00 Set a mesquite post 3 ft long 3 ins square with marked stone 12 ins in the ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ S. on W. face, dug pits 18x18x12 ins N & S of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

80.00 Set a mesquite post 4 ft long 4 ins square with marked stone 12 ins in the ground for cor to secs 13, 14, 23 & 24 marked

T. 7 S. S 13 on NE

R 4 E S 24 on SE

S 23 on SW

S 14 on NW faces with 3 notches on S and 1 notch on E edges, dug pits 18x18x12 ins

Subdivisions T7 S. R & E - Continued

Chains

in each sec $5\frac{1}{2}$ ft dist and raised
a mound of earth 2 ft high $4\frac{1}{2}$ ft
base around post.

Land level

Soil yellow loam 1st rateDense greasewood and scrub
mesquite entire mile.

East on a random line bet Secs 13 & 24

Var. $12^{\circ}49' E$.

Over level ground

6.12 Leave Santa Cruz flats

46.00 Set temporary $\frac{1}{4}$ Sec cor.

80.12 Intersect E boundary of Township
at the Cor to secs 13-18-19 & 24
previously established and described
by me

Thence I run

West on a true line bet Secs 13 & 24

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 Subdivision 7 S. R. 7 E - Continued

Chance

with same Var.

40.06 Set a mesquite post 3 ft long 3 ins square with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ Sec N. face dug pits 18 X 18 X 12 ins E & W. of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post

80.12 The cor to secs 13, 18, 19 & 24

Land level

Soil yellow loam 1st rate

Dense greewood mesquite and sage brush entire mile

North bit Secs 13 & 14

Var. 12° 49' E.

Over level ground

14.00 Leave Santa Cruz Flats bearing N.W.

Subdivisions T7 S. R7 E - Continued

Chance

- 40.00 Set a mesquite post 3 ft long 3 in square with marked stone 12 in in the ground for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ S. on W. face dry pits 18 X 18 X 12 in N & S. of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.
- 80.00 Set a mesquite post 4 ft long 4 in square with marked stone 12 in in the ground for cor to secs 11, 12, 13 & 14 marked
 T7 S S 12 on NE
 R7 E S 13 on SE
 S 14 on SW and
 S. 11 on NW faces with 4 notches on S and 1 notch on E edges dry pits 18 X 18 X 12 in in each sec 5 $\frac{1}{2}$ ft dist and raised a mound of earth 2 ft

Subdivisions T. 7 S. R. 7 E - Continued

Chain

high $4\frac{1}{2}$ ft base around post.
 Land level
 Soil yellow loam 1st rate
 Dense greasewood and sagebrush
 entire mile

East on a random line bet Secs 12 & 13
 Var. $12^{\circ}49'$ E.

Over level ground

40.00 Set temporary $\frac{1}{4}$ Sec cor

80.00 Intersect E boundary of Township
 17 lks S of the cor to secs 7, 12, 13 & 18
 previously established and described
 by me

Thence I run

S. $89^{\circ}53'$ W. on a true line bet
 Secs 12 & 13 with same Var.

40.00 Set a mesquite post 3 ft long 3 in
 square with marked stone 12 in

Subdivisions T. S. R. & E. - Continued

Chains

in the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S. on N. face, dug pits 18 X 18 X 12
 in E & W. of post $5\frac{1}{2}$ ft dist and
 raised a mound of earth $1\frac{1}{2}$ ft
 high $3\frac{1}{2}$ ft base around post

80.00

The cor. to secs 11, 12, 13 & 14

Land level

Soil yellow loam 1st rate

Dense sage and greasewood
 bush entire mile.

Dec 19th 1887

At 12 o'clock M. today I found
 the latitude to be $32^{\circ}48'N.$ and
 my compass in good adjustment

North bet Secs 11 & 12

Var $12^{\circ}49'E.$

Over level ground

Subdivision T7 S. R7 E. Continued

Chains

- 40.00 Set a mesquite post 3 ft long 3 in square with marked stone 12 in in the ground for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ S. on W. face dry pits 18X18X12 in N & S of post 5 $\frac{1}{2}$ ft diet and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post
- 80.00 Set a mesquite post 4 ft long 4 in square with marked stone 12 in in the ground for cor to secs 1, 2, 11 & 12 marked
 T7 S. 1 on NE
 R7 E S 12 on SE
 S. 11 on SW and
 S. 2 on NW faces with 5 notches on S and 1 notch on E. edges dry pits 18X18X12 in in each sec 5 $\frac{1}{2}$ ft diet and raised a mound of earth 2 ft high

Subdivision T. 7 S. R. 7 E - Continued

Chains

4 1/2 ft base around post

Land level

Soil yellow loam 1st rate

Dense brush entire mile

East on a random line bet Secs 1 & 12.

Var. $12^{\circ}49' E$.

Over level ground

40.00 Set temporary 1/4 Sec cor.

80.00 Intersect E boundary of Township
12 1/2 S of the cor to Secs 1, 6, 7 & 12
previously established and
described by me

Thence run

S 89° 55' W. on a true line bet
Secs 1 & 12 with same Var.

40.00 Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground

Subdivision T7 S. R 7 E - Continued
 chains

for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ S on
 N. face, dug pits 18 x 18 x 12 ins
 E & W of post $5\frac{1}{2}$ ft dist and
 raised a mound of earth $1\frac{1}{2}$ ft
 high $3\frac{1}{2}$ ft base around post
 80.00 The cor. to secs 1, 2, 11, & 12.

Land level

Soil yellow loam 1st rate

Seeds mesquite, sage and
 greasewood brush, entire mile

North on a random line bet Secs 1 & 2

Var. $12^{\circ} 49' E$.

Over level ground

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

80.10 Intersect N. boundary of Township
 at the cor to secs 1, 2, 35 & 36
 previously established and
 described by me.

Subdivision of T. 7 S. R. 7 E. Continued.

Chains

Thema Survey

South on a true line bet sec 1 & 2
with same Var.

40.10 Set a meazure post 3 ft long 3 ins
square with marked stone 12 ins
in the ground for $\frac{1}{4}$ sec cor.
marked $\frac{1}{4}$ S. on W. face dig
pits 18x18x12 ins N & S of post
5 $\frac{1}{2}$ ft dist and raised a mound
of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base
around post.

80.10 The cor to secs 1, 2, 11 & 12.

Land level

Soil yellow loam 1st rate

Dense brush entire mile

From the cor to secs 2, 3, 34 & 35
on the boundary of the Township
previously established and

Subdivisions T7S R7E - Continued

Chains

described by me

I run

North bet Secs 34 & 35

Var. $12^{\circ}50'E$

Over level ground

40.00 Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ Sec cor. marked to S on
W. face, dig pits 18 x 18 x 12 ins
N & S of post $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around
post.

80.00 Set a mesquite post 4 ft long
4 ins square with marked
stone 12 ins in the ground for
cor. to Secs 26, 27, 34 & 35 marked
T7S. S. 26 on N6

Subdivision 17 S. R7E Continued

Chain

R. 7E S 35 on SE

S. 34 on SW and

S. 27 on NW. faces as the 1
notch on S and 2 notches on E
edges, dug pits 18 x 18 x 12 ins in
each sec 5 1/2 ft dist. and raised
a mound of earth 2 ft high
4 1/2 ft base around post
Land level

Soil yellow loam, 1st rate

Sense break entire mile.

East on a random line bet Secs 26 & 35

Bear 12° 50' E.

Over level ground

23.00 Cross wagon road course N 75° S E.

25.42 Cross South Pacific Railroad
bearing N 53° 50' W and S 53° 50' E

40.00 Set temporary 1/4 Sec. Cor.

Subdivisions T7 S. R7 E - Continued

Chains

70.00 Enter Santa Cruz Flats bear N. 20° W.

80.00 Intersect N. end S. line 16 M. S.
of the cor to Secs 25, 26, 35 & 36
Thence S run

S. 89° 53' W. on a true line bet
Secs 26 & 35 with same bear.

40.00 Set a mesquite post 3 ft long
3 ins square with marked stone
12 ins in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ S on N. face
dry pits 18 x 18 x 12 ins E & W
of post 5 $\frac{1}{2}$ ft dist and raised
a mound of earth 1 $\frac{1}{2}$ ft
high 3 $\frac{1}{2}$ ft base around post

80.00 Thence cor to Secs 26, 27, 34 & 35
Land level

Soil yellow loam 1st rate

Dense mesquite brush and sage
brush entire mile.

Subdivision T₇S. R₇E. Continued

Chains

North bet Secs 26 & 27

Var $12^{\circ}50'6''$.

Over level ground

14.00 Cross wagon road bearing N $78^{\circ}50'6''$ E

16.60 Cross South Pacific Railroad
bears N $53^{\circ}50'6''$ W and S $53^{\circ}50'6''$ E

40.00 Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S
on W. face, dug pits 18 x 18 x 12
ins N & S of post $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

80.00 Set a mesquite post 4 ft long
4 ins square with marked
stone 12 ins in the ground
for cor to secs 22, 23, 26 & 27

Subdivisions T7 S. R7 E - Continued
chain

marked

T7 S. S. 23 on NE

R7 E S. 26 on SE

S. 27 on SW and

S. 22 on NW faces, with
2 notches on S and E edges
dry pits 18 x 18 x 12 ins in each
sec 5 1/2 ft dist and raised
a mound of earth 2 ft high 7 1/2 ft
base around post.

Land level

Soil yellow loam 1st rate

Dense mesquite, greasewood
and sage brush entire mile

Dec 20th 1887

East on a random line bet Secs

23 & 26

Var 120 49' E.

Over level ground.

Subdivision T7 S R7 E - Continued

- 40.00 Set temporary $\frac{1}{4}$ Sec cor.
 46.92 Cross Tucson and Casa Grande road bears N $\frac{1}{2}$ S E.
 65.92 Enter Santa Cruz flats bears N $\frac{1}{2}$ S.
 79.92 Intersect N $\frac{1}{2}$ S line at the cor to Secs 23, 24, 25 & 26
 Thence I run
 N. on a true line bet Secs 23 & 26 with same Var.
 79.96 Set a mesquite post 3 ft long 3 ins square with marked stem 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 & W. of post and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.
 79.92 The cor to Secs 22, 23, 26 & 27
 Land level

Subdivision F7 S. R. & E. Continued
 Chain.

Soil yellow loam 1st rate
 Dense mesquite greasewood
 and sage brush entire mile

North bet Secs 22 & 23.

Var. $12^{\circ}49'E$.

Over level ground

20.10 Cross Tucson road bears N $78^{\circ}56'E$

40.00 Set a mesquite post 3 ft long
 3 ins square with marked
 stone 12 ins in the ground
 for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S on
 W face dry pits 18 X 18 X 12 ins
 N & S of post $5\frac{1}{2}$ ft dist and
 raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around
 post.

80.00 Set a mesquite post 4 ft long
 4 ins square with marked

Subdivisions T7 S. R7 E. Continued
chain

stone 12 ins in the ground
for cor to secs 14, 15, 22 & 23
marked

T7 S. S. 14 on NE

R7 E. S. 23 on SE

S. 22 on SW and

S. 15 on NW. faces with
3 notches on S and 2 notches
on E edges, dug pits 18 X 15 X 12
ins in each sec 5 1/2 ft dia
and raised a mound
of earth 2 ft high 4 1/2 ft base
around post.

Land level

Soil yellow loam 1st rate

Some mesquite greasewood
and sage brush entire
mile

~~Subdivision T7 S. R7 E - Continued~~
 thence

Eastward random line bet Secs 14 & 23

Var 12° 50' E.

- 40.00 Set temporary to Sec cor.
 49.90 Enter Santa Cruz Flats bet N & S.
 79.90 Intersect N & S line at cor to
 Secs 13. 14. 23 & 24

Thence I run

West on a true line bet Secs
 14 & 23 with same Var.

- 39.95. Set a mesquite post 3 ft long
 3 ins square with marked stone
 12 ins in the ground for to Sec
 cor. marked to S. on N. face
 dug pits 18 x 18 x 12 ins E & W
 of post 5 ½ ft dist and raised
 a mound of earth 2 ½ ft high
 3 ½ ft base around post

- 79.90 The cor to secs 14. 15. 22 & 23.
 Land level

Subdivision T7 S. R 4 E Continued

Chains

Soil yellow loam, 1st rate
Dense brush entire mile

North bet Secs 14 & 15

Var. $12^{\circ} 50' E.$

Over level ground

40.00 Set a mesquite post 3 ft
long 3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ Sec cor. marked to S on
W. face, deep pits 28 X 18 X 12 ins
N & S. of post 5 $\frac{1}{2}$ ft dist and
raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around
post.

80.00 Set a mesquite post 4 ft long
4 ins square with marked
stone 12 ins in the ground
for cor to Secs 10. 11. 14 & 15

Subdivision T7 S. R7 E - Continued
 Chaus

marked

T7 S. S. 11 on NE

R7 E S. 14 on SE

S. 15 on SW and

S. 10 on NW faces with
 4 notches on S and 2 notches
 on E edges, dug pits 18x18x12
 ins in each sec 5 1/2 ft dist
 and raised a mound of earth
 2 ft high 4 1/2 ft base around
 post

Land level

Soil yellow loam 1st rate

Dense mesquite greasewood
 and sage brush entire mile

East on a random line bet Secs 11 & 14

Var 12° 49' E.

Over level ground

Subdivisions T 7 S. R 7 E - Continued

- Chains
 10.88 Enter Santa Cruz Flats bear $N 12^{\circ} W$
 40.00 Set temporary $\frac{1}{4}$ sec cor.
 55.88 Leave Santa Cruz Flats bear $N 20^{\circ} W$
 79.88 Intersect N & S line at the cor
 to secs 11, 12, 13 & 14

Thence S run

West on a true line bet secs
 11 & 14 with same var.

- 39.94 Set a mesquite post 3 ft long
 3 in square with marked
 stone 12 in in the ground
 for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S on
 N face dug pits 18 x 18 x 12
 in. E & W of post $5\frac{1}{2}$ ft dia
 and raised a mound of
 earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft dia around post

- 79.88 To Cor to Secs 10, 12, 14 & 15
 Land level
 Soil yellow loam 1st rate

BOOK 685

Subdivisions T4 S. R. & E. Continued
 Chains

Dense mesquite, greasewood
 and sagebrush entire mile
 Sec 21st 1887

At 12 o'clock M. to day I found
 latitude to be $32^{\circ}48'N.$ and
 my compass in good ad-
 justment.

North bet Secs 10 & 11

Var $12^{\circ}49'E.$

Over level ground

40.00 Set a mesquite post 3 ft long
 3 ins square with marked
 stone 12 ins in the ground for
 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S or W
 face, dug pits $18 \times 18 \times 12$ ins
 N & S of post $5\frac{1}{2}$ ft dist. and
 raised a mound of earth

Subdivision T7 S. R4 E. Continued
 Thaw

1 1/2 ft high 3 1/2 ft base around post
 42.00 Enter Santa Cruz Plate from N.W.

0.00 In Plate set a mesquite post
 4 ft long 4 ins square with
 marked stone 12 ins in the
 ground for cor to secs 2, 3, 10
 & 11 marked

T7 S. S 2 on NE

R4 E S. 11 on SE

S. 10 on S.W. and

S. 3 on N.W. faces with
 5 notches on S and 2 notches
 on E edges, dug pits 18 x 18 x 12
 ins. in each sec. 5 1/2 ft dist
 and raised a mound of
 earth 2 ft high 4 1/2 ft base
 around post.

Land level

Soil yellow loam 1st rate

Subdivisions T. 7 S. R. 7 E Continued
chain

Scrub mesquite and sage
brush entire mile.

East on a random line bet Secs 2 & 11
Var $12^{\circ} 48' E$.

Over level ground

36.90 Leave Santa Cruz Flat bear $N 15^{\circ} W$
and $S 15^{\circ} E$.

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

79.90 Intersect N & S line 13 lks S of
the cor to secs. 1, 2, 11 & 12

Thence I run

$S 89^{\circ} 54' W$ on a true line bet
Secs 2 & 11 with same Var.

39.95 Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S.
on N. face, dug pits 18 x 18 x 12

Subdivision 97 S. R. 7 E. Continued
 hauss

run E & W. of post $5\frac{1}{2}$ ft dist
 and raised a mound of
 earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 around post.

19.90 The cor to secs 2, 3, 10 & 11

Land level

Soil yellow loam 1st rate

Dense mesquite, greasewood
 and sage brush entire mile.

Northward and down line bet secs 2 & 3

Var $12^{\circ}48'E$.

Over level ground

35.70 Leave Santa Cruz Flats bear $N35^{\circ}W$.

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

40.10 Intersect N. boundary of
 Township 17 lks E. of the cor.
 to secs 2, 3, 34 & 35 previously
 established and described

Subdivision T7 S. R7 E. Continued
 Chaus

by me.

Thence I run

S. $0^{\circ}07'E$ on a true line bet
 Secs 2 & 3 with same Var.

40.10 Set a mesquite post 3 ft long
 3 ins. square with marked
 stone 12 ins in the ground
 for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ S. on
 W. face, dug pits 18 x 18 x 12 ins
 N & S. of stone $5\frac{1}{2}$ ft dist and
 raised a mound of earth $\frac{1}{2}$ ft
 high $3\frac{1}{2}$ ft base around post.

80.10 Th cor to sec 2 3 10 & 11
 Land level

Soil yellow loam 1st rate
 Dense mesquite and sage
 brush entire mile.

Dec 21st 1887

Subdivisions T7 S. R7 E. Continued
Chain

From the cor to secs 3. 4. 33 & 34
on the S. boundary of the Township
previously established and
described by me

I run

North bet Secs 33 & 34

Var. $12^{\circ}50'E$.

Over level ground

- 40.00 Set a mesquite post 3 ft long
3 ins square with marked stone
12 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 & S of
post $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.
- 80.00 Set a mesquite post 4 ft long
4 ins square with marked
stone 12 ins in the ground

Subdivision T7 S. R7 E Continued
chain

for cor to secs 27, 28, 33 & 34
marked

T7 S. S. 27 on NE

R7 E S. 34 on SE.

S. 33 on SW and

S. 28 on NW face with
1 notch on S and 3 notches on
E edges, dug pits 18 x 18 x 12 in
in each sec 5 1/2 ft dist and
raised a mound of earth
2 ft high 4 1/2 ft base around
post.

Land level

Soil yellow loam 1st rate
Dense mesquite and syc
brush entire mile.

East on a random line Secs 27 & 34
Var. 12° 49' E.

Subdivision T7S. R7E - Continued

- Over level ground
- 40.00 Set temporary $\frac{1}{4}$ sec cor.
- 80.12. Intersect N & S line 60ths S.
of the cor to secs 26, 27, 34 & 35
Thence I run
S $89^{\circ}34'$ W. on a true line bet
secs 27 & 34. with same var.
- 40.06 Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S.
on N face, dug pits 18 x 18 x 12
ins E & W of post $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.
- 80.12 The cor to secs 27, 28, 33 & 34
Land level
Soil yellow loam 1st rate

Subdivisions T7 S. R 7 E. Continued
chain

Dense mesquite and sage
brush entire mile.

North bet Secs 27 & 28

Var $12^{\circ}49'E$

Over level ground

40.00 Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ sec cor. marked to S. on
W. face dry pits 18 x 18 x 12
ins. N & S of post $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post

75.00 Cross wagon road bears NW.

77.00 Cross Southern Pacific Railroad bears N $55^{\circ}50'W$

80.00 Set a mesquite post 4 ft long
4 ins square with marked

Subdivisions of S. R. & E. Continued

stone 12 ins in the ground for
 cor to seci 21. 22. 27 & 28 marked
 S. 7 S. S. 22. on NE
 R7E S. 27 on SE

S. 28 on S. W and

S. 21 on NW. faces with
 2 notches on S and 3 notches
 on E edges, dry pits 18 x 18 x 12
 ins in each sec 5 1/2 ft dist.
 and raised a mound of
 earth 2 ft high 4 1/2 ft base
 around post.

Toltec siduy bears W. 5 chs
 land level

Soil yellow loam 1st rate

Dense mesquite and sage
 brush entire mile.

Subdivision T. 7 S. R. 7 E. Continued
 Chains

East on a random line bet secs 22 & 27

Var $12^{\circ}49'E$.

Over level ground

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

80.00 Intersect N & S line 28 lbs S.
 of the cor to secs 22, 23, 26 & 27

Thence I run

S. $89^{\circ}48'W$. on a true line bet
 Secs 22 & 27 with same Var.

40.00 Set a mesquite post 3 ft long
 3 ins square with marked
 stone 12 ins in the ground
 for $\frac{1}{4}$ sec cor. marked $\frac{1}{2}$ S on
 N. face, dug pits $18 \times 18 \times 12$ ins
 E & W. of post $5\frac{1}{2}$ ft dist
 and raised a mound
 of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft bev
 around post.

80.00 The cor to secs 21, 22, 27, & 28

Subdivision T₄S. R₇E - Continued

Chains

Land level

Soil yellow loam 1st rate

Dense mesquite, greasewood
and sage brush entire mile

North bet Secs 21 & 22.

Var. 12° 49' E.

Over level ground

40.00 Set a mesquite post 3 ft long,
3 in square, with marked
stone 12 in in the ground
for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ S.
on W. face, dug pits 18 x 18 x 12
in. N & S of post 3 $\frac{1}{2}$ ft dist
and raised a mound
of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base
around post.

76.00 Cross Tucson road bears N 78° SE.

80.00 Set a mesquite post 4 ft long

Subdivision T4S. R4E Continued
chain

4 mis square with marked stone
12 mis in the ground for cor to
secs 15. 16. 21 & 22 marked

T4S. S. 15 on NE

R4E S. 22 on SE

S. 21 on SW and

S. 16 on NW faces, with 3

patches on S and E edge dug pits 18
x 18 x 12 mis in each sec 5 1/2 ft dist and
erected a mound of earth 2 ft high
3 ft base around post.

Land level

Soil yellow loam 1st rate

Dense mesquite and sage
bush entire mile.

East on a random line bet Sec 15 & 22

Var 12° 49' E.

40.00 Set temporary 4th Sec cor.

Subdivision T4S R4E Continued

Chains

79.88

Intersect N & S line 14 lks S of
the cor to secs 14, 15, 22 and 23

Thence S run

$89^{\circ}54'$ W on a true line bet
Secs 15 & 22 with same Var.

39.94

Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S on
N. face dry pits 18 x 18 x 12 ins
E & W. of post, ^{5 $\frac{1}{2}$ ft. dist.} and raised a
mound of earth 1 $\frac{1}{2}$ ft high
3 $\frac{1}{2}$ ft base around post.

79.88

The cor to secs 15, 16, 21 & 22

Land level

Soil yellow loam 1st rate

Dense scrub mesquite and
sage brush entire mile.

Subdivisions T7S. R7E - Continued
 chain

North bet Secs 15 & 16

Var $12^{\circ}49'E$.

Over level ground

40.00 Set a mesquite post 3 ft long
 3 ins square with marked stone
 12 ins in the ground for $\frac{1}{4}$ Sec
 cor. marked $\frac{1}{4}$ S. on W. face
 dug pits 18 x 18 x 12 ins N & S of
 post 5 $\frac{1}{2}$ ft dist and raised a
 mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$
 ft base around post.

80.00 Set a mesquite post 4 ft long
 4 ins square with marked
 stone 12 ins in the ground
 for cor to secs 9, 10, 15 & 16
 marked

T7S S 10 on NE

R7E S 15 on SE

S 16 on SW and

Subdivisions T7S. R7E - continued
 chains

S. 9 on NW faces with
 4 notches on S and 3 notches
 on E edges, dug pits 18 x 18 x 12
 ins in each sec 5 1/2 ft dist
 and raised a mound of
 earth 2 ft high 4 1/2 ft base
 around post

Land level

Soil yellow loam 1st rate

Dense mesquite and sage
 brush entire mile

East on a random line bet Secs 10 & 15

Bear 12° 50' E

Over level ground

40.00

Set temporary 1/2 Sec cor.

79.92

Intersect N & S line at the Cor to
 Secs 10, 11, 14 and 15

Thence S run

Subdivision T7 S. R7 E Continued
 Chairs

West on a bearing bet Secs 10 & 15
 with same bar.

39.96 Set mesquite post 3 ft long 3 ins
 square with marked stone 12 ins
 in the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S. on W face, dry pits 18 X 18 X 12
 ins. E & W. of post $3\frac{1}{2}$ ft dist.
 and raised a mound of
 earth 12 ft high $3\frac{1}{2}$ ft base
 around post.

79.92 The cor to secs 9, 10, 15 & 16.
 Land level
 Soil yellow loam 1st rate
 Dense brush entire mile
 Dec 22, 1887.

North bet Secs 9 & 10

Var $12^{\circ} 50' E$.

Over level ground

Subdivisions T7S. R7E Continued

Thru

40.00

Set mesquite post 3 ft long 3 in square with marked stone 12 in in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S. on W face, dug pits 18x18x12 in N & S of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth 1 $\frac{1}{2}$ ft 3 $\frac{1}{2}$ ft base around post

80.00

Set mesquite post 4 ft long 4 in square with marked stone 12 in in the ground for cor to secs 3, 4 9 & 10. marked

T7S S. 3 on NE

R7E S. 10 on SE.

S 9 on S W and

S 7 on NW faces, with 5 notches on S and 3 notches on E. edges, dug pits 18x18x12 in in each sec 5 $\frac{1}{2}$ ft dist and raised a mound of earth 2 ft high

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Subdivision T. 7. R. 4 E. Continued

Chain

4½ ft base around post.

Land level

Soil yellow loam 1st rate

Dense mesquite and sage

bush entire mile

East on a random line bet Secs 3 & 10

Var $12^{\circ} 49' E$.

Over level ground

40.00 Set temporary $\frac{1}{4}$ Sec cor.59.88 Enter Santa Cruz Flats bear $N 30^{\circ} W$.79.88 Intersect N & S line 12 lks N. of
the cor to Secs 2, 3, 10, & 11

Thence I run

 $N. 89^{\circ} 55' W$. on a true line bet
Secs 3 & 10 with show Var.39.94. Set mesquite post 3 ft long 3 ins
square with marked stone
12 ins in the ground for $\frac{1}{4}$ Sec

Subdivision T₇ S. R₄ E - Continued
 chains

cor. marked $\frac{1}{4}$ S on N. face dug pit
 18 x 18 x 12 ins E & W. of post 5 $\frac{1}{2}$ ft
 dist and raised a mound of
 earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around
 post.

79.88 The cor to secs 3, 4, 9 & 10

Land level

Soil yellow loam 1 st rate

Dense brush entire mile.

North on a random line bet Secs 3 & 4

Var. 12° 49' E.

Over level ground

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

80.00 Intersect N. boundary of the
 Township 17 M_s W. of the cor to
 secs 3, 4, 33 & 34 previously esta-
 blished and described by me
 Thence I run

Subdivision of T₇S. R₇E. Continued
 Chaus

- S. $0^{\circ}07'$ W on a true line bet
 Secs 3 & 4 with same Var.
- 40.00 Set a mesquite post 3 ft long
 3 ins. square with marked
 stone 12 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 in
 N & S of post $5\frac{1}{2}$ ft dist and
 raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.
- 80.00 The cor to Secs 3, 4, 9 & 10
 Land level
 Soil yellow loam 1st rate
 Some brush entire mile

At 12 o'clock M. to day I found
 latitude to be $32^{\circ}50'$ N and
 my compass in good ad-
 justment.

Subdivisions T. 7 S. R. 4 E. Continued

chain

From the cor to secs 4. 5. 32 & 33 on
S. boundary of Township previously
established and described by me
I run

N. bet Secs 32 & 33

Var. $12^{\circ} 50' E$.

Over level ground

40.00 Set a mesquite post 3 ft long 3 ins
square with marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec cor.
marked $\frac{1}{4}$ S on W. face, dug
pits 18 x 18 x 12 ins N & S of post
and raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

80.00 Set a mesquite post 4 ft long
4 ins square with marked stone
12 ins in the ground for cor
to secs 28. 29. 32 & 33 marked
T. 7 S. S. 28 on NE

Subdivision T7S. R7E. Continues
Chain

R7E S. 33 on SE.

S. 32 on SW and

S. 29 on NW faces with
1 notch on S and 4 notches on
E edges; dug pits 18x18x12 ins
in each sec 5½ ft dist and
raised a mound of earth 2 ft
high 4½ ft base around post.

Land level

Soil loam 1st rate

Dense mesquite and sage brush

East on a random line bet Secs 28 & 33

Var 12° 49' E.

Over level ground

40.00 Set temporary ¼ Sec cor.

80.00 Intersect N & S line 33 lks N.
of the cor to secs 27. 28. 33 & 34

Thence S run

Subdivisions T7S. R7E - Continued

40.00 ^{Chemo} N. 89° 46' W. on a true line bet Secs 28 & 33 with same Var.
 Set a mesquite post 3 ft long 3 ins square with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S. on N. face, dug pits 18 x 18 x 12 ins E & W. of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

80.00 The cor to secs 28 29. 32 & 33.

Land level.

Soil yellow loam, 1st rate

Some mesquite and greasewood brush entire mile

North bet Secs 28 & 29

Var 12° 49' E.

Over level ground

40.00 Set a mesquite post 3 ft long 3 ins

Subdivision T7 S. R7 E. Continued

Chances

square with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S. on W. face dug pits 18 X 18 X 12
ins. N & S. of post $5\frac{1}{2}$ ft dist and
raised a mound of earth $1\frac{1}{2}$ ft
high $3\frac{1}{2}$ ft base around post.

80.00 Set a mesquite post 4 ft long 4 ins
square with marked stone 12 ins
in the ground for cor to secs 20.

21. 28 & 29 marked

T7 S S 21 on NE

R7 E S 28 on SE

S 29 on SW and

S. 20 on NW face with
2 notches on S and 4 notches
on E edges dug pits 18 X 18 X 12
ins in each sec $5\frac{1}{2}$ ft dist
and raised a mound of
earth 2 ft high $4\frac{1}{2}$ ft base

Subdivisions T₁S. R₇E. Contiguous
 chains

around post

Land level

Soil yellow loam 1st rate

Dense mesquite greasewood and
 sage brush entire mile

Dec 23^d 1887.

East on a random line bet Secs 21 & 28

Var 12° 50' E.

Over level ground

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

73.00 Cross wagon road corner N & SE

76.18 Cross Southern Pacific Railroad bears N 53° 50' W by S 33° 50'

80.10 Intersect. N & S line 21 lks N. of
 the cor to Secs 21, 22, 27 & 28

Thence I run

N. 89° 51' W. on a true line bet
 Secs 21 & 28 with same Var.

40.05 Set a mesquite post 3 ft long

Subdivision T7S. R7E. Continued

Chain

3 ins square with marked stone
12 ins in the ground for $\frac{1}{4}$ Sec
cor. marked $\frac{1}{4}$ S on N. face, dug
pits 18 x 18 x 12 ins E & W. of post
 $5\frac{1}{2}$ ft dist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft low around
post.

80.10 The cor to secs 20 21. 28 & 29

Land level

Soil yellow loam 1st rate

Dense mesquite and sagebrush
entire mile.

North bet Secs 20 & 21

Var $12^{\circ}50'E$

Over level ground

40.00 Set a mesquite post 3 ft long
3 ins square with marked stone
12 ins in the ground for $\frac{1}{4}$ Sec

Subdivision T7 S. R7 E. Continued

Chains

cor. marked $\frac{1}{2}$ S. on W. face dry
pits 18 X 18 X 12 ins N & S. of post
 $5\frac{1}{2}$ ft dia and raised a mound
of earth 12 ft high $3\frac{1}{2}$ ft base around
post.

55.50 Cross South Pacific Railroad
bears $N53^{\circ}50'W$ and $S53^{\circ}50'E$.

80.00 Set a mesquite post 4 ft long
4 ins square with marked
stone 12 ins in the ground for
cor to sec 16. 17. 20 & 21 marked
T7 S. S. 16 on NE
R7 E S. 21 on SE
S. 20 on SW and
S. 17 on NW faces with
3 notches on S and 4 notches
on E edges dry pits 18 X 18 X 12
ins. in each sec $5\frac{1}{2}$ ft dia and
raised a mound of earth 2 ft

Subdivision T7 S. R7 E - continued

Chain

high $4\frac{1}{2}$ ft base around post

Land level

Soil yellow loam 1st rate

Dense mesquite and sage

brush entire mile

East on a random line bet Secs 16 & 21

Var $12^{\circ}49' E$

Over level ground

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

76.12 Cross Tucson road bears $N 50^{\circ} W$
and SE .

80.12 Intersect $N \& S$ line at the cor
to Secs 15, 16, 21 & 22

Thence I run

West on a true line bet Secs
16 & 21 with same Var.

40.06 Set a mesquite post 3 ft long
3 in square with marked

Subdivision T7S. R7E - Continued
 Cham

stone 12 ins in the ground for $\frac{1}{4}$ Sec
 cor. marked $\frac{1}{4}$ S on N. face, dry
 pits 18 x 18 x 12 ins E & W. of post
 5 $\frac{1}{2}$ ft diet and raised a mound
 of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base
 around post.

80.12 The cor to Secs 16. 17. 20 & 21

Land level

Soil yellow loam 1st rate

Dense brush entire mile

North bet Secs 16 & 17

Var 12° 49' E

Over level ground

40.00 Let a mesquite post 3 ft long 3 ins
 square with marked stone
 12 ins in the ground for $\frac{1}{4}$ Sec
 cor. marked $\frac{1}{4}$ S on W. face
 dry pits 18 x 18 x 12 ins N & S.

Subdivision T7S. R7E Continued

Chairs

of post $5\frac{1}{2}$ ft dia and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.

44.00 Cross Tucson road bears $N55^{\circ}W$.

80.00 Set a mesquite post 4 ft long
4 in square with marked
stone 12 in in the ground
for cor to Secs 8, 9, 16 & 17 marked
T7S S. 9 on NE
R7E S. 16 on SE
S. 17 on SW and
S. 8 on NW faces with
4 notches on S and E edges
dry pits $18 \times 18 \times 12$ in in each
Sec $5\frac{1}{2}$ ft dia. and raised
a mound of earth 2 ft high $4\frac{1}{2}$
ft base around post
From this cor. Jolter Buttes
(3 small buttes) about 60 ft

Subdivisions T4 S. R7 E. Continued

Chains

high bear NE extending into center of
Sec 9.

Land level

Soil yellow loam 1st rate

Scrub mesquite and greasewood
entire mile.

E. on a random line bet Secs 9 & 16
Var. $12^{\circ}49'$ E

Over broken ground

- 04.00 Base of Butte and ascend
14.00 Summit of Butte 60ft high and
descend East slope
20.00 Base of Butte.
40.00 Set temporary $\frac{1}{4}$ Sec cor.
80.00 Intersect N & S line 17ths S. of the
cor. to Secs 9, 10, 15 & 16
Thence I run
S. $89^{\circ}53'$ W. on a true line

Subdivisions T. 7 S. R. 4 E. Continued
Chain

- bet Secs 9 & 16 with same Var.
- 40.00 Set a mesquite post 3 ft long
3 ins square with marked atom
12 ins in the ground for $\frac{1}{4}$ dec
cor. marked $\frac{1}{4}$ S on N. face
dig pits 18 x 18 x 12 ins E & W
of post and raised a mound
of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base
around post
- 80.00 The cor. to secs 8, 9, 16 & 17.
Land too chs broken; balance
level.
Soil adobe clay 2^d rate
Scattering mesquite and
greasewood.

North bet Secs 8 & 9

Var 12° 49' E.

Over level ground, ascend

Subdivision T. 7 S. R. 4 E - Continued

- East slope of small butte.
- 2.50 Top of slope 15 ft above cor, the summit of the Butte about 30 ft high being W. about $2\frac{1}{2}$ chs. Descend N. slope.
- 8.00 Base of Butte.
- 40.00 Set a mesquite post 3 ft long 3 ins square with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S on W. face, dry pits 18 x 18 x 12 ins N & S of post and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post
- 80.00 Set a mesquite post 4 ft long 4 ins square with marked stone 12 ins in the ground for cor to secs 4, 5, 8 & 9 marked T. 7 S. 4 on NE
R. 4 E S. 9 on SE

Subdivision T4 S. R7 E. Continued
 chain

Sec 8. on S.W. and

S. 5 on N.W. faces with 5 notches
 on N and 4 notches on E edges
 dig pits 18 x 18 x 12 ins in each
 set 5 1/2 ft dist and raised a
 mound of earth 2 1/2 ft high
 4 1/2 ft base around post.

Land 8 chs broken balance level
 Soil sandy and loam 1st rate

Some greasewood brush
 entire mile and gayette grass

Even a random line bet Secs 4 & 9
 Var 12° 49' E.

Over level ground

40.00 Set temporary 1/4 Sec cor.

80.00 Intersect N & S line 15 lks N. of
 the cor to secs 3, 4, 9 & 10.

Thence S run

Subdivisions Fy. S. R. & E. Continued

70.00 N. $89^{\circ}54'W.$ on a true line bet
Secs 4 & 9. with same Var
Set a mesquite post 3 ft long
3 in square with marked stone
12 in in the ground for $\frac{1}{4}$ Sec cor
marked $\frac{1}{4}$ S. on N face, dug pits
18 x 18 x 12 in E & W. of post $5\frac{1}{2}$ ft
dist. and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

80.00 The cor to secs 4, 5, 8 & 9

Land level

Soil yellow loam 1st rate

Hence greasewood and sage
bush entire mile.

North on a random line bet Secs 4 & 5

Var. $12^{\circ}49'E.$

Over level ground

Subdivision T. 7 S. R. 9 E - continued.

- 40.00 Set temporary $\frac{1}{4}$ Sec cor.
- 79.85 Intersect N boundary of Township
38 lks N. of the cor to Secs 4, 5, 8 &
33 previously established and
described by me
Thence I run
S $0^{\circ}16'$ W. on a true line bet Secs
4 & 5 with same Var.
- 39.85 Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S on
W. face, dug pits 18 x 18 x 12 ins
N & S. of post $5\frac{1}{2}$ ft dist and
raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around
post
- 79.85 Thence to Secs 4, 5, 8 & 9
Lined level

Subdivision T7 S. R4 E Continued

Soil, yellow loam 1st rate.

Some mesquite and greasewood
and sage brush entire mile.

Dec 24th 1887.

From the cor to Secs 5, 6, 31, & 32
on the S. boundary of the Township
previously established and described
by me

I run

North bet Secs 31 & 32

Var 12° 50' E

Over level ground through
W branch of Santa Cruz Stats

40.00 Set a mesquite post 3 ft long
3 ins square, with marked stone
12 ins in the ground for $\frac{1}{4}$ Sec
cor marked $\frac{1}{4}$ S. on W. face,
dug pits 18 x 18 x 12 ins N & S of

Subdivision T. 7 S. R. 7 E. Continued.
 Cham

post $5\frac{1}{2}$ ft dist and raised
 a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.

80.00 In flats set a mesquite post
 4 ft long 4 ins square with
 marked stone 12 ins in the
 ground for cor to secs 29, 30,
 31 & 32. marked

T. 7 S. S. 29 on NE

R. 7 E. S. 32 on SE

S. 31 on SW and

S. 30 on NW. faces with

1 notch on S and 5 notches on
 E edges, dug pits $18 \times 18 \times 12$ ins
 in each sec $5\frac{1}{2}$ ft dist and
 raised a mound of earth
 $2\frac{1}{2}$ ft high $4\frac{1}{2}$ ft base around
 post
 Land level

Subdivision of S. R. & E. Continued

Soil yellow loam 1st rate
 Some mesquite and sage brush
 entire mile.

E. on a random line bet Secs 29 & 32
 Var. 12° 50' E.

Over level ground

- 35.00 Leave Santa Cruz Flats bearing N & S.
 40.00 Set temporary $\frac{1}{4}$ Sec cor.
 80.00 Intersect N & S line 17 lks N of cor
 to secs 28, 29, 32 & 33

Thence I run

N 89° 53' W. on a true line bet Secs 29
 & 32 with same Var.

- 40.00 Set a mesquite post 3 ft long 3 ins
 square with marked stone 12 ins in
 the ground for $\frac{1}{4}$ Sec cor. marked
 $\frac{1}{4}$ S. on N. face dry pits 18 x 18 x 12
 ins. E & W. of post 5 $\frac{1}{2}$ ft dist end

Subdivision T7S. R4E Continued

Chain

- raised a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post
 30.00 The cor to secs 29. 30. 31 & 32.
 Land level
 Soil yellow loam 1st rate
 Dense mesquite and sage brush
 entire mile.

West on a random line bet Secs 30. & 31
 Var $12^{\circ}50' E$

Over level ground

- 26.50 Leave Santa Cruz Flats bearing $N 8 E$.
 40.00 Set temporary $\frac{1}{4}$ Sec cor.
 78.50 Intersect W. boundary of the Township
 20 Ws N of the cor to Secs 25. 30.
 31 & 36 previously established
 and described by me
 Thence I run
 $N. 89^{\circ}51' E$ on a true line bet

Subdivisions T. 7 S. R. 7 E - Continued

chain

Secs 30 & 31 with same var.

4000 Set a mesquite post 3 ft long
3 in square with marked stone
12 in in the ground for $\frac{1}{2}$ Sec
cor marked $\frac{1}{4}$ S on N. face dug
pits 18 x 18 x 12 in. E & W. of
post 5 $\frac{1}{2}$ ft dist and raised
a mound of earth 1 $\frac{1}{2}$ ft high
3 $\frac{1}{2}$ ft base around post.

9850 The cor to Secs 29, 30, 31 & 32

Land level

Soil yellow loam 1st rate

Dense brush entire mile.

North bet Secs 29 & 30.

Var. 12° 50' E.

Over level ground through
Plats.

4000 Set a mesquite post 3 ft long

Subdivision 17 S. R7 E. Continued

Chaus

3 vis square with marked stone.
 12 vis in the ground for vis sec
 cor. marked $\frac{1}{4}$ S on W face
 dug pits 18 X 18 X 12 vis N & S.
 of post 5 $\frac{1}{2}$ ft dia and raised
 a mound of earth 1 $\frac{1}{2}$ ft high
 3 $\frac{1}{2}$ ft base around post.

4900 Leave Platobear N. 13° E & S 10° W

80.10 Set a mesquite post 4 ft long
 4 vis square with marked
 stone 12 vis in the ground
 for cor to secs 19. 20. 29 & 30
 marked.

T. 7 S S 20 on NE

R7 E S 29 on SE

S 30 on SW end

S 19 on NW. faces with
 2 notches on S and 5 notches
 on E edges, dug pits 18 X 18

Subdivisions T7S. R7E - Continued
 from

x 12 ins in each sec $5\frac{1}{2}$ ft dist
 and raised a mound of earth
 2 ft high $4\frac{1}{2}$ ft base around
 post

Land level

Soil yellow loam 1st rate.

Dense sage brush entire mile.

East on a random line bet Secs 20 & 29

Var. $12^{\circ}51' E$.

Over level ground

13.92 Enter Flats bear N & S.

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

62.92 Leave Sta. Cory flats bearing N & S

79.92 Intersect N & S line 17 lks S of the
 cor. to Secs 20, 21, 28 & 29

Thence I run

S. $89^{\circ}53' W$. on a true line bet
 Secs 20 & 29 with same Var.

Subdivision T7S. R7E - Continued
 Chain

39.96 Set a mesquite post 3 ft long.
 3 in square with marked
 stone 12 in in the ground
 for $\frac{1}{2}$ Sec. cor. marked $\frac{1}{4}$ S. on
 N. face, dry pits 18 X 18 X 12 in
 E & W. of post $5\frac{1}{2}$ ft dist and
 raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around
 post.

79.92 The cor to Secs 19 & 20. 29 & 30
 Land level

Soil yellow loam 1st rate

Dense mesquite and sage
 brush entire rule

Next on a random line bet Secs 19 & 30

Dir. $12^{\circ} 51' E$.

Over level ground

4200 Set temporary $\frac{1}{4}$ Sec cor.

Subdivisions T7 S. R7 E Continued

^{Chains}
78.52 Intersect the N. boundary of the Township 12 lks N. of the cor to Secs 19, 24, 25 & 30 previously established and described by me.

Thence I run

N. $89^{\circ}55'$ E on a true line bet Secs 19 & 30 with same bar.

38.52 Set a mesquite post 3 ft long 3 ins square with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S. on N. face, dug pits 18x18x12 ins E & W. of post $5\frac{1}{2}$ ft diam and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

78.52 The cor to secs 19, 20, 29 & 30
Land level

Township 8 S. R. 27 E.
Tela & Salt River Meridian

Co. East random line bet sec. 22 & 27
var. 14° 09' East

34.00 Leave mesa and enter flat

40.00 Set temporary 1/4 sec. cor.

77.00 Road to settlements bet. N. H. & S. E.

79.88 Intersect N. and S. line 14 hrs. S. of cor.

to sec. 22, 23, 26 & 27, from which cor. run
S. 89° 54' W.

On true line between sec. 22 & 27,

var. 14° 09' East.

39.94 Set a post marked 1/4 S. 1/4 long, flattened 3
in. wide, 1 ft in the ground, drive charred
stake & build mound of earth 2 ft high,
with pit 1 ft deep, 2 ft long, 1 ft wide, as per in-
struction for 1/4 sec. cor. from which
a Mesquite 2 1/2 in dia bet. S. 25° W. 175 lbs. dia.
No other trees near.

79.88 Cor to sec. 21, 22, 27 and 28.

Enter flat on E. on which is mesquite
timber and brush.

Subdivision T4 S. R4 E Continued.
 chains

Soil yellow loam 1st rate

Dense sage brush entire mile

Dec 26th 1887

North bet Secs 19 & 20

Var. $12^{\circ} 51' E$.

Over level ground.

- 40.00 Set a mesquite post 3 ft long
 3 ins square with marked stone
 12 ins in the ground for $\frac{1}{4}$ Sec
 cor marked to S on W. face
 dug pits 18 x 18 x 12 ins N & S of
 post 5 $\frac{1}{2}$ ft dist and raised
 a mound of earth 1 $\frac{1}{2}$ ft high
 3 $\frac{1}{2}$ ft base around post
- 80.00 Set a mesquite post 4 ft
 long 4 ins square with marked
 stone 12 ins in the ground
 for cor to Secs 17. 18. 19 &

Subdivision 97 S. R76 Contained

20 marked

97 S. S. 17 on NE

R76. S. 20 on SE

S. 19 on SW. and

S. 18 on NW. faces with

3 notches on S and 5 notches
on E edges dug pits 18 X 18 X 12

ins in each sec 5 1/2 ft dist

and raised a mound of
earth 2 ft high 4 1/2 ft base
around post.

Land level

Soil yellow loam 1st rate

Sense break entire mile

East on a random line bet Secs 17 & 20

Var 12° 50' E.

Over level ground

17-90 Enter Santa Cruz Flats bear N 10° W

Subdivision T₇S. R₇E - Continued

Chains

and S

- 40.00 Set temporary $\frac{1}{4}$ sec cor
- 46.50 Cross Southern Pacific Railroad
bears $N53^{\circ}50'W$.
- 49.90 Leave Santa Cruz flats bearing
 $N \& S$.
- 79.90 Intersect $N \& S$ line 18 lks S.
of the cor to Secs 16, 17, 20 & 21
Thence I run
 $S89^{\circ}52'$ on a true line bet Secs
17 & 20 with same bar
- 39.95 Set a mesquite post 3 ft long
3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ sec cor marked to S.
on N. face dry pits $18 \times 18 \times 12$
ins E & W. of post $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base

Subdivision T. 7 S. R. 7 E. Continued

around post.

9.90 The cor to secs 17. 18. 19. and 20

Land level

Soil yellow loam 1st rate

Dense mesquite and sage brush
entire mile.

West on a random line bet Secs 18 & 19

Var. 12° 50' E.

Over level ground.

0.00 Set temporary $\frac{1}{4}$ Sec cor.

8.56 Intersect W. boundary of Town-
ship at the cor to secs 13. 18. 19 &
24 previously established and
described by me

Thence I run

East on a true line bet Secs 18 & 19
with same Var.

88.56 Set a mesquite post 3 ft long

Subdivisions T7S. R7E Continued
 Chaus

3 ins square with marked stem
 12 ins in the ground for $\frac{1}{4}$ sec
 cor marked $\frac{1}{4}$ S on N. face
 dug pits 18 x 18 x 12 ins E & W
 of post 5 $\frac{1}{2}$ ft dist and raised
 a mound of earth 1 $\frac{1}{2}$ ft high
 3 $\frac{1}{2}$ ft base around posts.

78.56 The cor to Secs 17, 18, 19 & 20

Land level

Soil yellow loam 1st rate

Dense mesquite and sage -
 brush entire mile

North bet Secs 17 & 18

Var. 12° 50' E.

Over level ground

34.00 Cross Southern Pacific Railroad
 bears N 53° 50' W & S 53° 50' E.

40.00 Set a mesquite post 3 ft long

Subdivision T7S. R7E. Continued

Chaus

3 ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S. on
W face, dug pits 18 X 18 X 12 ins
N & S of post 5 $\frac{1}{2}$ ft diam
and raised a mound of
earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base
around post.

60.00 Set a mesquite post 4 ft long
4 ins square with marked
stone 12 ins in the ground
for cor to secs 7. 8. 17 & 18
marked

T7S S. 8 on NE

R. 7E S. 17 on SE

S. 18 on SW and

S. 7 on NW faces with

4 notches on S and 5 notches
on E edges dug pits 18 X 18 X 12

Subdivision 17 S. R. 16. Contained

ins in each sec $5\frac{1}{2}$ ft dist and
raised a mound of earth 2 ft
high $4\frac{1}{2}$ ft base around post
Land level

Soil yellow loam 1st rate
Dense mesquite and sage
brush entire mile.

East on a random line bet Secs 8 & 17

Var. $12^{\circ} 50' E$.

Over nearly level ground

11.12 Cross Tucuman road bears $N 68^{\circ} W$.

38.12 Leave Santa Cruz Flats bearing $N 8 S$.

40.00 Set temporary to Sec cor.

75.12 Base of Butte 10 ft below cor. the
summit bears $N 5$ cho about 30 ft high

80.12 Intersect $N 2 S$ line 27 lks N. of the
cor to secs 8. 9. 16 & 17

Thence I run

Subdivisions T7 S. R7 E. Continued

Arms

N 89° 48' W. on a true line bet Sec
8 & 17 with same Var.

40.06 Set a mesquite post 3 ft long 3 ins
square with marked stone 12 ins
in the ground, for $\frac{1}{2}$ Sec cor marked
 $\frac{1}{2}$ S on N. face, dig pits 18 X 18 X 12
ins E & W. of post 5 $\frac{1}{2}$ ft dia and
raised a mound of earth 1 $\frac{1}{2}$ ft
high 3 $\frac{1}{2}$ ft base around post

80.12 The cor to secs 7-8. 17 & 18

Land level

Soil yellow loam 1st rate

Dense brush entire mile

Dec 27th 1887

West on a random line bet Secs 7 & 18

Var. 12° 50' E.

Over level ground

13.54 Leave Santa Cruz Flats bearing N. 35° W

Subdivisions T7 S. R7 E - Continued

chains

70.00 Set temporary $\frac{1}{4}$ Sec cor.

6134 Cross Southern Pacific Railroad
bearing N. $53^{\circ}50'W$.

78.54 Intersect W. boundary of the Township
20 lks N. of the cor to Secs 7, 12, 13 & 18
previously established and described
by me

Thence I run

N. $89^{\circ}51'E$ on a true line bet Secs
7 & 18 with same Var.

3857 Set a mesquite post 3 ft long
3 ins square with marked stone
12 ins in the ground for $\frac{1}{4}$ Sec
cor. marked $\frac{1}{4}$ S on N face, dug
pits 18 x 18 x 12 ins E & W. of post
 $5\frac{1}{2}$ ft dist and raised a mound
of earth 12 ft high $3\frac{1}{2}$ ft base
around post

78.54 The cor to Secs 7, 8, 17 & 18

Subdivisions T7 S. R7 E. Continued
 Chain

Land level

Soil yellow loam 1st rate

Dense mesquite and sage brush

North bet secs 7 & 8

Var. $12^{\circ} 50' E.$

Over level ground

6.50 Cross Tucacw and Casa Grande road bears $N55^{\circ} E$ & $S55^{\circ} W$,

14.00 At this point the Santa Cruz flats divide, one branch bearing to the NE the other N. W., and leave flats.

40.00 Set a mesquite post 3ft long 3 ins square with marked atom 12 ins in the ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ Sec W. face dug pits $18 \times 18 \times 12$ ins N & S of post $5\frac{1}{2}$ ft dist, and

Subdivisionis T. 7 S. R. 7 E. Continued

Chain

raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

From this cor a small built about 45 ft high bears W. about 29 chs dist.

68.00 Enter Santa Cruz flats bearing $N60^{\circ}W$

80.00 Set a mesquite post 4 ft long 4 ins square with marked stones 12 ins in the ground for cor to sec 5. 6. 7 & 8. marked

T. 7 S. S. 5 on NE

R. 7 E. S. 8 on SE

S. 7 on SW and

S. 6 on NW faces with 5 notches on S and E edges dug pits $18 \times 18 \times 12$ ins in each sec $5\frac{1}{2}$ ft dist and raised a mound of earth 2 ft high $4\frac{1}{2}$ ft base around post. Land level

Subdivisiois 57 S. R. 7 E - Continued
 draw

Soil yellow loam 1st rate
 Dense sage brush and scrub
 mesquite

East on a random line bet Secs 5 & 8
 Var $12^{\circ}50'E$.

Over level ground

- 10.08 Leave Santa Cruz Flats bear $N10^{\circ}W$
 70.00 Set temporary $\frac{1}{4}$ sec cor.
 80.08 Intersect N & S line at the cor
 to secs 4-5-8 & 9.

Thence I run

West on a true line bet Secs 5 & 8
 with same Var.

- 40.04 Set a mesquite post 3 ft long
 3 ins square with marked stone
 12 ins in the ground for $\frac{1}{4}$ sec
 cor. marked to S. on N. face
 dug pits $18 \times 18 \times 12$ ins E & W

Subdivision T₄ S. R₇ E. Continued

of post $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.

80.00 The cor to secs 5, 6, 7, & 8

Land level.

Soil sandy loam 1st rate

Dense brush entire mile.

West on a random line bet secs 6 & 7

Val. $12^{\circ}50'0''$.

Over level ground

18.50 Leave Santa Cruz Flats, bearing
 $N10^{\circ}W$.

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

78.50 Intersect W. boundary of
Township at the cor to secs 1, 6, 7
& 12.

Thence I run

East on a true line bet secs

Subdivision T7S R7E. Continued

687 with same Var.

38.50 Set a mesquite post 3 ft long 3 in square with marked stone 12 in in the ground for $\frac{1}{4}$ Sec cor. marked $\frac{1}{4}$ S on N. face, dug pits 15 x 18 x 12 in E & W of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

a small butte bears S 30 chs dist.

78.50 The cor. to sec 5, 6, 7 and 8

Land level

Soil yellow loam 1st rate

Dense brush entire mile

North on a random line bet Sec 5 & 6

Var 12° 50' E.

Over level ground

33.83 Leave Santa Cruz Flats bears N 12° W,

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

Subdivisions T₇ S. R. H. Continued
 Chaus

79.83 Intersect N boundary of township
 at the cor to secs 5. 6. 31 & 32.
 previously established and
 described by me

Thence I run
 S. on a true line bet Secs 5 & 6
 with same cor.

39.83 Set a mesquite post 3 ft long 3 ins
 square with marked stone
 12 ins in the ground for the Sec
 cor marked by S. on W. face
 dug pits 18 x 18 x 12 ins N. & S.
 of post 5 1/2 ft dist. and raised
 a mound of earth 1 1/2 ft high
 3 1/2 ft base around post.

79.83 The cor to secs 5. 6. 7 and 8
 Land level

Soil yellow loam, State
 dense brush entire mile

Dec 28th 1887

Subdivisions T. 7 S. R. 7 E. - Continued
 Chavis

General Description

This Township is level, with a rich alluvial loamy soil. It is destitute of water except during the wet season. The surface is covered with a dense growth of scrub mesquite, greasewood and sage brush, with patches of gayetta and black gramma grass. The Santa Cruz river (underground) passes through the township in two branches draining it towards the N.W. The stream has no banks and during the wet season the water spreads out over the ground in what is called flats.

Bridgely C. Powers

U. S. Surveyor-General's Office,

TUCSON, A. T., Feb 16 1889

The foregoing Field Notes of the Surveys of
 subdivision lines,
 Township 7 South
 Range 7 East

Gila and Salt River Meridian
 in Arizona executed by
 R. C. Powers.

U. S. Deputy Surveyor, under his contract dated
 July 20th 1883,
 having been critically examined, the necessary correc-
 tions and explanations made, the said Field Notes and
 the surveys they describe are hereby approved.

John Hise
 U. S. Surveyor-General
 for the Territory of Arizona.