

~~Contract No 44~~
~~Corrected 796~~
~~No 2~~

BOOK 708

No. 708

4-671

708

FIELD NOTES

GENERAL LAND OFFICE.

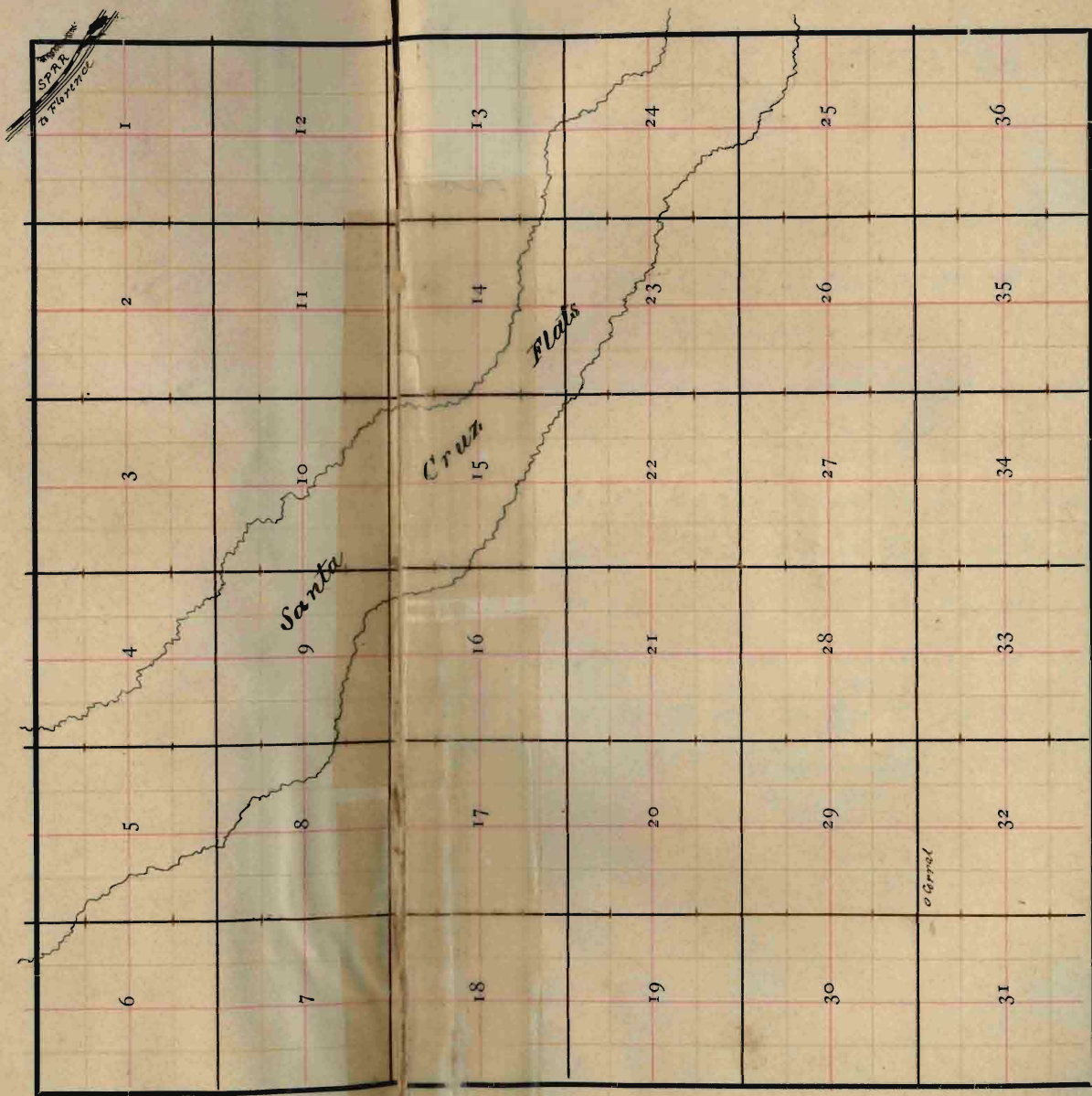
Survey of the
Subdivisional lines of T₁
S. 8. Range 7 E.
Gila & Salt river Base & Meridian
Arizona.

By R. C. Powers, D.S.
Under Contract dated July 20th 1887
Survey commenced Dec 8, 1887
Survey completed " 17 " "
Approved by Com^r G. O. February 27, 1890.

Meridian Line,

PAYOT, UPHAM & Co., Stationers and Printers, Drawing Materials, etc., 24 Sansome St., S. F.

Township No. 8 South..... Range No. 7 East..... Gila & Salt River..... Meridian



BOOK 708

Township Plot.
Meridian Line,

1A

No. 708

BOOK 708

Township S. S. R. 7. E

6	79	5	60	4	45	3	30	2	16	1
78		77		59		44		29		14
7	76	8	57	9	42	10	28	11	13	12
74		73		56		41		21		12
18	72	17	55	16	40	15	25	14	10	13
71		70		54		39		24		9
19	68	20	52	21	37	22	22	23	7	24
67		66		51		36		21		6
30	65	29	49	28	34	27	20	26	5	25
64		62		48		33		19		3
31	61	32	47	33	32	34	17	35	2	36

Field Notes
of the Survey of the
Subdivision Lines
of
Township No 8 S. Range 7 E.
of the
Gila and Salt River Meridian
of
Arizona Territory
as surveyed by
R. C. Powers
U. S. Dep. Surveyor

Under his Contract No 41

Dated Dec. July 20th 1883

Survey commenced Dec 8th 1887
Survey completed Dec 17 1887

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BOOK 708

Subdivisions T8 S. R 7 E

Preliminary to commencing this survey I ran North on a black line on the East boundary of Sec 36 and at 39.98 chs found the $\frac{1}{2}$ Sec cor and at 80 chs found the Sec cor. I also ran West on a black line on the S. boundary of the Township and at 40 chs found the $\frac{1}{2}$ Sec cor and at 80.00 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 8th 1857 with a Burt's improved Solar Compass at 12 o'clock M to day I took latitude and find it to be $32^{\circ}42'$ N, and my compass in good adjustment.

Subdivisions T8 S R7 E. Continued

Chains

I commenced at the cor to Secs 1, 2, 35 & 36 on the South boundary of the township previously established and described by me

Thence I run

Var. $12^{\circ} 50' 8''$

N. bet Secs 35 & 36

Over level ground

40.00 Deposited marked stone 12 ins in the ground for $\frac{1}{4}$ Sec cor dug pits $15 \times 18 \times 12$ ins N & S. $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In S pit drove a stake 2 ft long 2 ins square 12 ins in the ground marked $\frac{1}{4}$ S on W. face.

80.00 Set a magnite post 2 ft long 4 ins square with marked stone

T8 S. R 7 E

12 ins in the ground for cor to Secs
25, 26, 35 and 36 marked

T8 S. S. 25 on N. E.

R 7 E S 36 on S. E.

S 35 on S. W. and

S. 26 on N. W. faces with 1 notch
on S and E edges; dug pits

18+18+12 ins in each Sec.

5½ ft dist and raised a

mound of earth 2 ft high

½ ft base, around post.

Land level

Soil yellow loam 1st rate

Dense brush entire mile,

E. on a random line bet Secs 25 & 36

Over level ground $\frac{7}{8}$ a 12° 50' E

40.00 Set temporary ¼ Sec Cor

80.30 Intersect E. boundary of the

chs

T8 S. R7 E

Cha

Township 42 E of the Cor to
Secs 25, 30, 31 and 36 previously ^{established}
described by me Thence Iron

N89°42' W. on a true line bet Secs 25 & 36
with same run

~~Over level ground~~

40.15 Deposit marked stone 12 ins
in the ground ^{for 1/4 Sec cor} dug pits 18+18
+12 ins E. and N 5 1/2 ft dist and
raised a mound of earth 1 1/2 ft
high 3 1/2 ft base over it. In
E. pit drove a pine stake 2 ft
long 2 ins sq. 12 ins in the
ground marked 1/4 S on N face

40

80.30 Cor. to Secs 25, 26, 35 and 36

Land level

Soil rich loam 1st rate

Dense brush entire mile

80

chs

T8 S. R 7 E.

N. bet Secs. 25 and 26

br 12° 50' E

Over level ground

40.00 Set mesqt post 3 ft long 3 ins
sq. with marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec cor
marked $\frac{1}{4}$ S on N. face. Aug
pits 18+18+12 ins N to 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.

80.06 Set mesqt post 4 ft long 4 ins
sq with marked stone 12 ins in
the ground for cor. to Secs 23, 24
25 and 26 marked

T8 S. S 24 on NE

R 7 E. S 25 on S. E.

S. 26 on S. W. and

S 23 on N. W. faces with 2 notches

chs

T 8 S. R 7 E

on Sand 1 notch on Edges
 dug pits 18+18+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 rich loam 1st rate

Dense brush & mesq 1 entire mile

E. on a random line bet. Secs 24 & 26

Over level ground
 va 12° 30' E

40.00 Set temporary 1/4 Sec Cor

30.10 *Eastersta* Cuy State hrs N W S 25° E

80.10 Intersect E. boundary of township

37 lks N. of Cor to Secs 19, 24,

25 and 30 previously described

Thence I run

N. 89° 44' W. on a true line bet Secs 24 & 25

with same va

Over level ground

els

T.S. R 7 E

Through Santa Cruz Flats

40.05 In Flats Set mesq^t post 3 ft
 long 3 ins sqr with marked
 stone 12 ins in the ground for
 1/4 Sec. cor. marked 1/4 S. on N
 face, dug pits 18 + 18 + 12 ins
 E or W of post 3 1/2 ft dist. and
 raised a mound of earth 1 1/2 ft
 high 3 1/2 ft base around post

~~50.20 Leave Santa Cruz Flats
 by N 77 and S 25° E.~~

80.10 Cor to Secs 23, 24, 25 and 26

Land level

Soil rich sedimentary 1st rate
 Dense brush or mesq^t entire mile

N. bet - Secs 23 and 24

by 12° 50' E

Over level ground.

chs

T8 S R 7 E

cha

30.00 Enter Santa Cruz Flats br
NW and S.E.

40.00 In Flats Set mesq^{ue} post 3 ft
long 3 ins sq. 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+18+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

40

80.00 In Flats Set mesq^{ue} post 4 ft long
4 ins sq. with marked stone
12 ins in the ground for Cor to
Secs. 13, 14, 23 and 24 marked
T8 S S 13 on N.E.

80

R 7 E S 24 on S.E.

S 23 on SW and

S 14 on NW faces with 3 notches
on the S and 1 notch on E edges

cls

T 8 S R 7 E

dig pits 75+18+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 rich alluvial 1st rate
 dense brush & mesq 1 entire mile

E. on a random line bet Secs 13 & 24

One level ground $\text{ra } 12^{\circ} 44' \text{ E}$

4000 Set temporary $\frac{1}{4}$ Sec cor

43.08 Enter Santa Cruz Flats bet NW

8008 Intersect E. boundary of township

14 E. N of cor to Secs 13, 18, 19 & 24
 previously described

Thence I run

$N 89^{\circ} 54' W$ on a true line bet Secs 13 & 24

with same ra

~~One level ground~~

~~43.08~~
~~37.00~~

~~Enter Santa Cruz Flats bet NW~~

cls

T & S R 7 Eo

Cha

40.04 Set mesq^t post 3 ft long 3 ins
sq^r with marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ S. on N face dug pits 78+18+
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.

40

80.08 On Flats Cor to Secs 13, 14 23+24
Land level

Soil alluvial 1st rate
dense brush weeds and
mesq^t entire mile.

Dec. 8, 1887,

N. bet Secs 13 and 14

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

Se

Over level ground

17.00 Leave Flats Course N. W.

40.00 Set mesquite post 3 ft long

chs

T8 S. R 7 E

3 ins sgr 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+18+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 mesq post 4 ft long 4 ins
sgr with marked stone 12 ins
in the ground for Cor to Secs 11, 12
13 and 14 marked

T8 S. S 12 on N E

R 7 E S 13 on S E

S 14 on S W and

S 11 on N W faces with 4 notches on
Saul 1 notch on E edge. dug
pits 18+18+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.

chs

T8 S R 7 E

Land level

Soil rich loam 1st rateDense brush entire mile.

E. on a random line bet Secs 12 & 13

Over level ground. $70.12^{\circ} 49' E$ 40.00 Set temporary $\frac{1}{4}$ Sec Cor8045 Intersect E bdy of the 35-~~lks~~ N
of the Cor to Secs. 7, 12, 13 & 18

Thence I run

N $89^{\circ} 45' W$. on a true line bet Secs 12 & 13with same 70

Over level ground

40.22 Set mesquite post 3 ft long

3 ins sq. with marked stone

12 ins in the ground for $\frac{1}{4}$ SecCor. marked $\frac{1}{4}$ S on N face dug

pits 18 + 18 + 12 ins E & W of post

 $5\frac{1}{2}$ ft dist. and raised a mound

cls T&S R 7 E

of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post -

80.45 for. to Secs 11, 12, 13 and 14
Land level

Soil sedimentary 18th rate
Siv's brush & mesq entire rule,

N. bet Secs 11 and 12

va. 120 49' E

Over level of ground

40.00 Set mesq post 3 ft long 3 ins
sq. with marked stone 12 ins
in the ground for 1/4 sec. cor
marked 1/4 S on W face dug
pits 18 + 18 + 12 ins N of 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 mesq post 4 ft long 4 ins

chs

T8 S R7 E

Cha

sqz with marked stone 12 ins
in the ground for cor to Secs

1, 2, 11 and 12 marked

T8 S S1 on N.E.

R7 E S12 on S.E.

S11 on SW and

S2 on NW faces with 5 notches
on S. and 1 notch on E edges

40
Day pits 18 + 18 + 12 ins in each Sec
8 1/2 ft dia. and raised a mound
of earth 2 ft high 4 1/2 ft base
around post.

Land level

Soil sedimentary 15' rate
dense brush - 2 cub mesquite ^{with}

80

E. on a random line bet Secs 10 & 12

va 12° 49' E

40.00 ^{On level ground} Set temporary 1/4 Sec cor

Chs

T 8 S. R 7 E

80.25- Intersect E. boundary of T₈
42 ecks S. of the cor to Secs 1,
6, 7 and 12 previously described.

Then at Spring

S 89° 42' W. on a true line bet Secs 1 & 12

with same va

Over level ground

40.12 Set mesq post 3 ft long 3 ins
sq with marked stone 12 ins
in the ground for 1/4 Sec cor
marked 1/4 South face, dig pits
18+18+12 ins E & W 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 -

80.25- Cor to Secs 1, 2, 11 and 12

Level

Soil sedimentary 1st rate
dense brush & mesq - entire mile

Chs

T S R 7 E

Land level

Soil sedimentary ^{at rate} -
 dense brush & mesq. entire mile.
 Dec, 9th, 1887

At 12 o'clock M to day I found a
 latitude to be $32^{\circ} 44' W$ and
 my Compass in good adjustment

From the Cor to Secs 2, 3, 34 and 35 on the
 S. boundary of the township previously
 established and described by me
 N. bet Secs. 34 and 35

70. 12^o 57' E

Over level ground

40.00 Set mesq. post 3 ft long 3 ins sq r
 with marked stone 12 ins in
 the ground for $\frac{1}{4}$ Sec. Cor. marked

chs

T8 S R7 E

1/4 S on N. face. dug pits 78+18
+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

80.00 Set mesq. post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for pits Secs 26
27, 34 and 35 marked

T8 S S 26 on NE

R7 E S 35 on S.E.

S 34 on SW and

S. 27 on N.W. faces with 1 notch
on S. and 2 notches on E edges
dug pits 78+18+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 -
Sand level

elbs

T8 S R 7 E

Soil clay loam 1st rate
Dense brush entire mile

E. as a random line bet Secs 26 & 35

Over level ground $74^{\circ} 12' 50''$ E

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

80.15 Intersect N. S. line 30 elbs N. of
Cor to Secs 25, 26, 35 and 36,

Thence S. run

N. $89^{\circ} 47' W$ on a true line bet Secs 26 & 35

with same 74°

Over level ground.

40.07 Set mesq. post 3 ft long 3 ins sq
with marked stone 12 ins in the ground

for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$ S. as a face
dug pits 18 + 18 + 12 ins E & W 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

cls

T8 S R 7 Ee

80.15 Cor to Secs 26, 27, 34 and 35-

Land level

Soil, clay loam 1st rateDense greasewood brush entire mile

N. bet Secs 26 and 27

7a, 12° 50' Ee

Over level ground

40.00 Set meas post 3 ft long 3 ins
 sq. 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 + 18 + 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 meas post 4 ft long 4 ins
 sq. with marked stone 12
 ins in the ground for Cor to

chs

T8 S R 7 E

Secs. 22, 23, 26 and 27 marked
 T8 S. 23 on NE
 R 7 E S 26 on SE
 S 27 on SW and
 S 22 on NW faces with 2 notches
 on Sand E edges; dug pits
 18+18+12 ins in each Sec 5 1/2 ft
 dist and raised a mound
 of earth 2 ft high 4 1/2 ft base
 arranged post
 and rail
 Soil Clay loam 1st rate
 Dense greasewood brush entire mile

E. on a random line bet Secs 23 and 26

Over level ground Ra 12° 50' E

40.00 Set temporary 1/4 sec cor.

80.00 Intersect N & S line at the cor. to

Secs. 23, 24, 25 and 26

Thence I run

cls

T.S.R. & Co.

Cha

N. on a true line bet Secs 23 & 26
with same va

Over level ground

40.00 Deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec Cor
 dug pits 18+18+12 ins E & W
5 $\frac{1}{2}$ ft dist and raised a mound
of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base
over it. In E. pit drove a
stake 2 ft long 2 ins sq &
12 ins in the ground marked
 $\frac{1}{4}$ S on N face

40

80.00 Cor. to Secs. 22, 23, 26 and 27

Land level

Soil sedimentary 1st fault
dense scrub wood & brush entire mile

80

N. bet Secs 22 and 23
va 12° 50' Ee

chs

T & S R 7 E

Over level ground

40.00 Set mesquite post 3 ft long 3 ins
sq. r. with marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec. 14 marked
 $\frac{1}{4}$ S. on N. face. dug pits 78
+ 18 + 12 ins. to 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}

73.00 Enter Santa Cruz Flats br. N.W.

80.00 In Flats Set mesquite post 4 ft long
4 ins sq. r. with marked stone
12 ins in the ground for Sec
to Secs. 14, 15, 22 and 23 marked

T & S S. 14 on N.E

R. 7 E S 23 on S.E

S. 22 on S.W and

S. 15 on N.W faces with 3 notches

on S. and 2 notches on E. edges

dug pits 18 + 18 + 12 ins in each

chs

78 S. R. 7 E

of Sec 5½ ft. dia. and raised a
mound of earth 2 ft high 4½
ft base around post.

Level level

Soil rich loam 1st rate
dense brush entire mile

E. on a random line bet Secs 14 & 23

7a 12° 49' E

40.00 Set temporary ¼ Sec. Cor.

80.18 Intersect N & S line 14 bet N
of the Cor to Secs 13, 14, 23 & 24

Thence I run

N 89° 54' W. on a true line bet Secs 14 & 23

with same 7a

Through Santa Cruz Flats

40.09 Set mesq & post 3 ft long 3 ins
sq. with marked stone 12 ins
in the ground for ¼ Sec. Cor

T. S. R. 7 E.

marked $\frac{1}{4}$ S. on N face, dry
 pits 15 + 15 + 12 ins E + W of post
 5 $\frac{1}{2}$ ft deep and raised a mound
 of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base
 around post.

40.18 In flats Sec. 14, 15, 22 + 23

Level level

Soil alluvial 1st rate

Dense mesq + greasewood entire mile

Dec 1907-1887

N. bet Secs. 14 and 15
 wa 12° 49' E

Over level ground

Through Santee, Cruz Flats

40.00 Set mesq post 3 ft long 3 ins
 sq. with marked stone 12 ins
 in the ground for $\frac{1}{4}$ Sec. 14
 marked $\frac{1}{4}$ S on W face, dry
 pits 15 + 15 + 12 ins N + S of post

Obs

T 8 S. R. 7 E.

5½ ft dia. and raised a mound of earth 1½ ft high 3½ ft base around post -
 47.00 Lease Santa Cruz Flats to N.M.
 80.00 Set mag. post 4 ft long 4 ins sq with marked stone 12 ins in the ground for cor to Secs 10, 9, 11, 14 and 15 marked

T 8 S SW on N. E.

R 7 E S 14 on S E

S 15 on SW and

S 10 on NW faces with 4 notches

on S. and 2 notches on E. edges

Dug pits 15 + 15 + 12 ins in

Each Sec 5½ ft dia. and raised

a mound of earth 2 ft high 4½

ft base around post -

Land level

Soil sedimentary 1st rate
 dense brush entire mile.

chs

T S R 7 E

E. ^{est} is random line bet Secs 11 + 14va $12^{\circ} 49' E$
over level ground.40.00 Set temporary $\frac{1}{4}$ Sec Cor80.26 Intersect N. + S. line at cor to Secs
11, 12, 13 and 14

Thence I run

N. on a true line bet. Secs 11 + 14
with same va.

Over level ground

40.13 Set misc 1 post 3 ft long 3 ins dia
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ S. on N. face. Aug pits 15 + 18
+ 12 ins E. + W. of post $5\frac{1}{2}$ ft dia
and raised a mound of earth
^{post}
12 ft high $3\frac{1}{2}$ ft base around

80.26 Cor. to Secs 10, 11, 14 + 15 -

Level level
Soil sedimentary 15' rate
Dense brush entire mile

chs

T & S R 7 E

Noth bet - Secs. 10 and 11

70 12° 49' E

Over level ground.

40.00 Set mag^l post 3 ft long 3 ins
sq. with marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ S. on W. face dug
pits 15 + 15 + 12 ins N 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.

80.00 Set mag^l post 4 ft long 4 ins
sq. with marked stone 12
ins in the ground for Cor to Secs
2, 3, 10, and 11 Marked
T & S S 2 on N.E.
R 7 E S 11 on S.E.
S. 10 on SW and
S 3 on NW faces with 5 matches

cls

T & S. R. 7 E

on S. and 2 notches on E edges
 dug pits 18+18+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.

Sand level

Soil loamy 1st rate
 dense brush entire mile

E. on a random line bet Secs 2+11

Over level ground va $120^{\circ} 49'$ E

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

80.10 Submerged T & S line 13 chs N

of the line to Secs 1, 2, 11 and 12

Thence I run

N. $89^{\circ} 54'$ W. on a true line bet Secs 2+11

with same va.

Over level ground

40.05 Set mesq^{ue} post 3 ft long 3 ins dia

chs

Tg S. R. 7 Ee

with marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor marked '48 on N face. dug pits 18+18+12 ins E & W 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.

80.10 Cor to Secs. 2, 3, 10 and 11

Sand level

Soil loamy 1st rate -
scarcely brush entire mile.

N. on a random line bet Secs 2 & 3

Cry level point $70^{\circ} 12' 44''$ Ee40.00 bet temporary $\frac{1}{4}$ Sec Cor

79.90 Intersect N. boundary of Tg

23 chs Ee of the Cor to Secs

2, 3, 34 and 35 previously described

Thence I run

 $S. 00^{\circ} 10' E.$ on a true line bet Secs 2 & 3

T. & S. R. & E.

with sound on

Over level ground

39.90 Set messy post 3 ft long 3 ins
 sq. 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+18
 +12 ins N + S of post 5 $\frac{1}{2}$ ft dia
 and paired a mound of earth
 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around
 49.90 post Cor to Secs 2, 3, 10 & 11

Land level

Soil sedimentary 1st rate

Dense brush entire mile.

Dec. 11th 1887.

At 12 o'clock N. to day I found
 latitude to be $32^{\circ}45'$ N and my
 compass in good adjustment.

chs

T. S. R. & E.

From the Cor to Secs 3, 4, 33 and 34
on S. boundary of the township
previously established and described
by me I run
N. bet Secs 33 and 34

ra $120^{\circ} 50'$ E

Over level ground

40.00 Set mag^t post 3 ft long 3 ins
sq. 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 + 18 + 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 mag^t post 4 ft long 4 ins
sq. with marked stone 12 ins
in the ground for Cor to Secs
27, 28, 33 + 34 Marked.

chs

T & S. R7 E

T & S. S 27 on N E

R7 E S 34 on S E

S 33 on SW and

S. 28 on N W faces with 1 notch
 on S. and 3 notches on edges
 dug pits 18+18+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 feet -
 Sand level

Soil loam - 1st rate

Dense grasswood & scrub near
 brush entire mile

E. asp. random line bet Secs 27, 34

7a 12° 50' E
 over level ground

40.00 Set temporary 1/4 Sec. Cor

79.90 Pulverize N & S line at the Cor to
 Secs. 26, 27, 34 and 35.

cls

T. S. R. & E.

Thence I run
N. on pt true line bet Secs. 27 & 34
with same va

Ordnance Survey

39.95 - Set magnt post 3 ft long 3 ins
agr 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+18+12 ins E & W of post 3 ft
dist. and raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

79.90 Cor to Secs. 27, 28, 33 & 34

Land level

Soil rich loam 1st rate
dense mesq^t & greasewood bush
entire mile.

N. bet Secs 27 and 28
va $12^{\circ} 50' E$

chs

T S R 7 E

Over level ground

- 40.00 Set mesq. post 3 ft long
3 in sq with marked stone
12 in in the ground for $\frac{1}{4}$ Sec
Cor marked $\frac{1}{4}$ S on N face
dry pits 18+18+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 Set mesq. post 4 ft long 4 in sq
with marked stone 12 in in the
ground for Cor to Secs 21, 22
27 and 28 marked
T S S 22 on N E
R 7 E S 27 on S E
S. 28 on W and
S 21 on N faces with 3 notches
on S and 3 notches on E edges
dry pits 18+18+12 in in each

chs

T.S.R. & E

Sec. 52 ft - dist and raised a mound of earth 2 ft high 4 1/2 ft - base around post -

Land level

Soil Adobe loam 1st rate
dense brush entire mile

40
E on a random line bet Secs 22 and 27

over level ground ra $12^{\circ} 49' E$

40.00 Set temporary 1/4 Sec Cor

79.92 Pulvered to a line 28 lks S of
the Cor to Secs 22, 23, 26 and 27

Thence I run

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

with same ra

82
Over level ground

39.96 Set mag 1 post 3 ft long 3 ins dia r.

with marked stone 12 ins in

the ground for 1/4 Sec Cor marked

T & S R 7 E

1/4 S. on N. face, dug pits 15+15+12
 ins. E. + W. 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
 79.92 Cor. to Secs 21, 22, 27 and 28

Land level

Soil sedimentary 18th rate
 dense scrub mesq 1 - & other
 brush entire mile.

N. bet. Secs. 21 and 22

va. 12° 49' Ee.

Over level ground

40.00 Set mesq 1 post 3 ft long 3 ins
 sq. with marked stone 12 ins
 in the ground for 1/4 Sec. Cor marked
 1/4 S on W. face dug pits 15+15+12
 ins N + S of post 5 1/2 ft dist and
 raised a mound of earth 1 1/2 ft

chs

T & S. R 7 E

high $3\frac{1}{2}$ ft base around post-
 80.00 Set mesq post 4 ft long 4 ins
 sqr with marked stone 12 ins
 in the ground for cor to Secs
 15, 16, 21 and 22 marked
 T & S. S 15 on N.E.

R 7 E S. 22 on S.E.

S 21 on SW and

S 16 on NW faces with 3 notches
 on S and E edges; plug
 pits 18 + 18 + 12 ins in each Sec

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

Soil sedimentary 1st rate
 dense scrub mesq & other
 brush entire mtr.

chs

T & S. R. 7 E.

E. end of ponding line bet. Secs. 15 and 22

Over level ground $7a. 12^{\circ} 49' E$ 40.00 Set temporary $\frac{1}{4}$ Sec. Cor

73.90 Enter Santa Cruz Flats bearing N.W.

79.90 Intersect N & S line 29 chs S

of the lot to Secs 14, 15, 22 & 23

Thence S run

S 89.48 W. on a true line bet Secs 15 & 22

with same run

~~Over level ground~~

6.00 Leave Santa Cruz Flats N.W.

39.95 Set mag. post 3 ft long 3 ins sq with

marked stone 12 ins in the ground for

 $\frac{1}{4}$ Sec. Cor marked $\frac{1}{4}$ on N face dugpits 18+18+12 ins E.W. of post 3 $\frac{1}{2}$ ft diaand raised a mound of earth 1 $\frac{1}{2}$ fthigh 3 $\frac{1}{2}$ ft base around post

79.90 Cor to Secs. 15, 16, 21 and 22

Sand level

Soil sedimentary 1st rate

Dense brush entire mile.

chs

T8 S. R. 7 E

A. bet Secs 15 and 16

7a 12° 49' E

O rev level ground

40.00 Set mesqt post 3 ft long 3 ins sqr
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ S. on W. face; plug pits 78 + 18 + 12
ins 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 -

44.00 Enter Santa Cruz Flats Course NW

80.00 On Flats Set mesqt post 4 ft long
4 ins sqr with marked stone
12 ins in the ground for Cor to
Secs 9, 10, 15 and 16 marked

T8 S 10 on NEc

R 7 E S 15 on SEc

S 16 on SW and

S 9 on NW faces with 4 notches

Chs

T & S. R & E

on S. and 3 notches on E edges
 dug pits 78+18+12 ins in each
 Sec. 5 1/2 ft - det. and raised a
 mound of earth 2 ft high 4 1/2 ft
 base around post -

Land level

Soil alluvial 1st rate
 dense scrub mesq & other
 brush entire mile

Dec. 19th 1887

E. on a random line bet Secs 10 & 15

Over level ground $\text{ra } 12^{\circ} 49' \text{ E}$

40.00 Set temporary 1/4 Sec Cor
 73.85 Leave South Cross Stake bearing NW
 79.85 Intersect N & S line at the Cor

to Secs 10, 11, 14 and 15 -

Thence I run

N. on a true line bet Secs 10 & 15

with same ra

chs

T. S. R. 7 E

6.40 ~~Excl. Santa Cruz Flats~~ ~~pr. 1/2~~
 39.92 In Flats Set mercury post 3 ft long
 3 ins sqr with marked stone
 12 ins in the ground for 1/4 sec
 Cor marked 1/4 S on it face dug
 pits 18 + 18 + 12 ins E + W 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

7985 Cor to Secs 9, 10, 15 and 16
 Land level

Soil alluvial 1st rate
 dense brush entire mile.

N. bet Secs 9 and 10

va 12° 49' E

Through Santa Cruz Flats

40.00 Set mercury post 3 ft long
 3 ins sqr with marked stone

T & S. R 7 E

12 ins in the ground for $\frac{1}{4}$ Sec
 Cor marked '4 S on W face
 dug pits 18+18+12 ins 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 -

78.00 Leave Flats br N W & S. 2.

80.00 Set mesq. post - 4 ft long 4 ins
 sq x with marked stone 12 ins
 in the ground for cor to Sec 3
 3, 4, 9 and 10 marked

T & S. S 3 on N E

R 7 E. S 10 on S E

S 9 on S W and

S 4 on N W faces with 5 notches
 on S and 3 notches on E edges
 dug pits 18+18+12 ins in each
 Sec $5\frac{1}{2}$ ft dia and raised a
 mound of earth 2 ft high.

chs

T8 S. R. 7 E

4 1/2 ft - base around post -
Land level

Soil alluvial loam 1st rate
Dense mesq + other brush
entire mile.

East
E. on a random line bet Secs 3 + 10

Area level ground $\text{ra } 12^\circ 49' \text{ E}$
40.00 Set temporary 1/4 Sec Cor
79.88 Intersect to S line 11 lks N of
Cor to Secs 2, 3, 10 and 11

Thence I run
to $89^\circ 54'$ on a true line bet Secs 3 + 10
with same ra

Q. level ground

39.94 Set mesq post 3 ft long 3 ins ego
with marked stone 12 ins in
the ground for 1/4 Sec Cor marked
1/4 S. on N. face, dug pits

T 8 S. R 7 E

chs

18+18+12 ins E + W 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 -

79.88 Cor. to Secs. 3, 4, 9 and 10

Land level

Soil sedimentary 1st rate
 Dense brush entire mile.

N. on a random line bet. Secs 3 + 4

Over level ground ^{va. 12° 49' E.}

40.00 Set temporary 1/4 Sec Cor

79.70 Intersect N boundary of
 township at the Cor to Secs
 3, 4, 33 and 34

Thence I run

S. on a true line bet Secs 3 and 4

with same va

Over level ground

chs

T. S. R. & E.

39.70 Set mesq^t post 3 ft long 3 ins
sq^r with marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec cor
marked $\frac{1}{4}$ Sec on W. face, dug pits
18+18+12 ins N+S. of post 3 $\frac{1}{2}$ ft dia
and raised a mound of earth 1 $\frac{1}{2}$ ft
high 3 $\frac{1}{2}$ ft base around post.

79.70 Cor to Secs. 3, 4, 9 and 10

Land level

Soil sedimentary loam in situ
scarcely brush entire mile.

Dec. 13, 1887

At 12 o'clock W to day I found
latitude to be $32^{\circ}45'N$ and
my Compass in good
adjustment.

chs

T 8 S R 7 E

From the Cor to Secs 4, 5, 32 and
33 on S. boundary of the township
previously established and
described by me I run

N. bet Secs 32 and 33

7^d 12° 50' E

Over level ground

40.00 Set mesq. post 3 ft long
3 ins sq. with marked stone
12 ins in the ground for 1/4 Sec
Cor. marked 1/4 S on W face
dry pits 18 + 18 + 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.

80.00 Set mesq. post 4 ft long 4
ins sq. with marked stone
12 ins in the ground for
Cor to Secs 28, 29, 32 & 33 marked

chs

T8 S R 7 E

T8 S S 28 on N E c

R 7 E S 33 on S E c

S 32 on S W and

S 29 on N W faces with 1 notch
on S. and 4 notches on E edges
dry pits 18+18+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 adobe loam 2nd rate
dense grass and sage
and scrub mesqit brush.

E. on a random line bet Secs 28 & 33

Over level ground Δ a $12^{\circ} 49'$ E c
40.00 Set temporary 1/4 Sec Cor
7992 Intersect N & S line 12 chs N
of the Cor to Secs 27.28.33 & 34

chs

T 8 S R 7 E

Thence I run

N 89° 55' W. on a true line bet Secs 28 & 33

with same va

Over level ground

39.96 Set mesq. post 3 ft long 3 ins dia
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec. & marked
 $\frac{1}{4}$ S on N face dug pits 18+18+
12 ins E & W. 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 -

79.92 Cor to Secs 28, 29, 32 and 33

Land level

Soil sedimentary 2nd rate
bence brush entire mile,

N. bet Secs 28 and 29

va 12° 49' E

Over level ground

class

T 8 S. R 7 E

40.00 Set mesq post 3 ft long 3 ins
sq. 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+18+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 mesq post 4 ft long 4 ins
sq. with marked stone 12
ins in the ground for Cor to
Secs. 20, 21, 28 and 29 marked
T 8 S S 21 on NE
R 7 E S 28 on S.E.
S 29 on S W and
S. 20 on N W faces with 2 notches
on S. and 4 notches on E edges
dug pits 18+18+12 ins in each
Sec $5\frac{1}{2}$ ft dist and raised a

Chs

T & S. R. 7 E

Mound of earth 2 ft high $4\frac{1}{2}$
ft base around post.

Land level

Soil sedimentary 1st rate
dense brush entire mile

E. on a random line bet Secs 21 & 28

Over level ground $70^{\circ} 12' 49''$ E

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

79.94 Intersect N & S line 8 lbs N. of Cor
to Secs. 21, 22, 27 and 28

Thence I run

N. $89^{\circ} 57'$ W. on a true line bet Secs 21 & 28

with same vol

Over level ground

39.97 Set metal post 3 ft long 3 in
sq x 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 + 18

chs

T 8 S. R. 7 E

12 ins E + W of post - $1\frac{1}{2}$ ft dist
and raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post

79.94 for to Secs. 20, 21, 28 and 29

Land level

Soil yellow loam 1st rate
Dense grasswood 4 to 7 ft high
entire mile.

N. bet Secs 20 and 21

7a 120 49' E

Over level ground

40.00 Set mesq. post 3 ft long 3 ins
sq. with marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
Cor marked $\frac{1}{4}$ S on W face
dug pits 78 + 18 + 12 ins N + S
of post ~~5 ft dist~~ and raised
a mound of earth $1\frac{1}{2}$ ft high

Chs

T S S R 7 E

3½ ft-base around post-

80.00 Set mesq post 4 ft long 4 ins
sq. with marked stone 12 ins
in the ground for fix to Secs 16
17, 20 and 21 marked
T S S 16 on NE

R 7 E S. 20 on SE

S 20 on SW and

S 17 on NW faces with 3 notches
on S. and 4 notches on E edges
dig pits 18+18+12 ins in each
Sec. 3½ ft-dist. and raised a
mound of earth 2 ft high 4½
ft-base around post.

Land level

Soil sedimentary brown 100% water
sewed brush entire mile.

A class

T & S R 7 E

E. on a random line bet Secs 16 and 21

Over level ground $74^{\circ} 12' 49''$ E40.00 Set temporary $\frac{1}{4}$ Sec cor.79.84 Intersect N & S line at the cor to
Secs 15, 16, 21 and 22

Thence I run

N. on a true line bet Secs 16 and 21

with same vol

Over level ground

39.94 Set mark post $3\frac{1}{2}$ ft long 3 ins dia
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec cor marked
 $\frac{1}{4}$ Sec N face dug pits 18. + 18 + 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
79.89 Cor to Secs. 16, 17, 20 and 21

Sand level

Soil yellow loam 1st rate
Scuse sage & grasswood brush

chs

T S R 7 E

N. bet Secs 16 and 17

7a 12° 49' E.

Over level ground

40.00 Set mesq^t post 3 ft long 3 ins
sq^r with marked stone 12 ins in
the ground for $\frac{1}{4}$ sec. or marked $\frac{1}{4}$
S on N face dug pits 18 + 18 + 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
bars around post -

80.00 Set mesq^t post 4 ft long 4 ins sq^r
with marked stone 12 ins in the
ground for cor to Secs 8, 9, 16 + 17
marked 78 S. S 9 on N E

R 7 E S 16 on S E

S 17 on SW and

S. 8 on NW faces with 4 notches
on Sand Cedges, dug pits 18 +
18 + 12 ins in each Sec $5\frac{1}{2}$ ft -

chs

T & S R. E

dist. and raised a mound of
Earth 2 ft high $4\frac{1}{2}$ ft base
around post -

Land level

Soil yellow loam 18" with
some sage grasswood & scrub
mesq¹ frush entire mile.

E. on a random line bet Decs 9 & 16

Area level ground $72^{\circ} 49' E$

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

65.88

Enter Santa Cruz Rdy bearing NW.

79.88

Intersect N & S line 15-16th N of

the Cor to Decs. 9, 10, 15 and 16

Thence I run

$N 89^{\circ} 54' 11''$ on a true line bet Decs 9 & 16

with same run

~~Area level ground.~~

39.94

Set mesq¹ post 3 ft long 3 ins

dgr with marked stone 12 in

78 S R 7 E

in the ground for $\frac{1}{4}$ Sec Cor
 marked $\frac{1}{4}$ S. on N face, clay
 pits 18+18+12 ins E + W of post -
 $5\frac{1}{2}$ ft dist and raised a mound
 of earth $1\frac{1}{2}$ ft high $4\frac{1}{2}$ ft base
 around post -

79.88 Cor to Secs. 8, 9, 16 and 17

Land level

Soil yellow loam 181 rats
 sense brush entire mile.

Dec. 14, 1887

N. bet Secs 8 and 9

7a 120 49' E

Over level ground

24.00 Enter Santa Cruz Flats hrs. W. 08 E

40.00 Set megal post 3 ft long 3 ins
 sq or with marked stone 12 ins
 in the ground for $\frac{1}{4}$ Sec Cor
 marked $\frac{1}{4}$ S. on W. face, clay

cls

T S R E

pts 78+18+12 ins to S of post-
 5½ ft dist. and raised a mound
 of earth 1½ ft high 3½ ft base
 around post.

80.00 On Flats set mesq post 4 ft
 long 4 ins sq with marked
 stone 12 ins in the ground
 for loc. to locs. 4, 5. Dog marked
 T S S on N E
 R E S on S E
 S on SW and
 S on NW faces with 5 notches
 on S. and 4 notches on E edges
 dug pits 78+18+12 ins in each
 loc 5½ ft dist and raised
 a mound of earth 2 ft high
 4½ ft base around post
 Sand level
 Soil alluvial 181 rate
 dense brush the entire mile.

5-9

BOOK 708

J. F. S. R. & Co.

clw

E. on a random line bet Secs 4 & 9

Over level ground 2a 120 49' E

40.00 Set temporary 1/4 Sec Cor

67.90 Leave Santa Cruz Depto course NW.

79.90 Intersect N + S line 17 lbs N of

Cor to Secs. 3, 4, 9 and 10

Thence S

N. 89° 53' W. on a true line bet. Secs. 4 & 9

with same 2a

Over level ground

39.95 Set metal post 3 ft long 3 ins dia with
marked stone 2 ins in the ground for 1/4 Sec

Cor marked 1/4 S on N face, deep pits

18+18+12 ins E + W of post 3 1/2 ft dist and

raised a mound of earth 1 1/2 ft high

3 1/2 ft base around post

79.90 Cor to Secs. 4, 5, 8 and 9

Land level

Soil rich loam 181 rods

brush entire mile

Clos

T & S R 7 E

on a random line
 N₂ bet. Secs 4 and 5-

ra 12° 49' E

through Santee Cray Flats-

40.00 Set temporary 1/4 Sec Cor

79.65 Intersect N. boundary of township

28 lks N. of the cor to Secs 4, 5-

32 and 33 previously described

Thence I run

S 00° 12' W on a true line bet Secs 4 & 5-

with same ra

Over level ground

39.65 Set mesq post 3 ft long 3 ins agr with

marked stone 1 1/2 ins in the ground for

1/4 Sec. cor marked 1/4 Sec on W face day

posts 18 + 18 + 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.

79.65 Cor. to Secs 4, 5-8 and 9

Land level

Soil alluvial 1st rate

since brush entire mile.

chs

T 8 S R 7 Ee

From the Cor to Secs 5. 6. 31 & 32
on the S. boundary of the township
previously established and
described by me I run
N. bet Secs 31 and 32

7a 12° 50' Ee

Over level ground

4000 Set mesq^t post 3 ft long 3 ins
sq^r 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+18+12 ins 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.

8000 Set mesq^t post 4 ft long 4 ins
sq^r with marked stone 12 ins
in the ground for cor to Sec 29
30. 31 and 32 marked.

T8 S R7 E

T8 S. S 29 on NE

R7 E S 32 on S ~~10~~

S 31 on SW corner

S 30 on NW faces with 1 notch on

S. and 5 notches on E edge is

dug pits 18+18+12 ins in each

Sec. 5 1/2 ft dist and raised a

mound of earth 2 1/2 ft high 4 1/2 ft

base around post

Land level

Soil sedimentary 1st rate

dense scrub mesq + yucca wood

brush entire mile.

E. on a random line bet secs 29 & 32

Over level ground. 7a 12° 50' E

40.00 Set temporary 1/4 sec cor

80.00 Intersect N & S line 14 lks N

of cor to Secs 28, 29, 32 and 33

chs

T.S. R & E

Thence I run

N 89° 34' W. on a true line bet Secs 29 & 32
with some run

Over level ground

40.00 Set mesq. post 3 ft long 3 ins eqr
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec for marked $\frac{1}{4}$ S
cut face dug pits 18 + 18 + 12 ins
E & W. 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
80.00 Cor to Secs 29, 30, 31 and 32.

From this cor a mesquite post
stockade Corral hrs S 35° E
6 chs dist.

Level level

Soil adobe loam 1st rate
dense brush entire mile.

Dec. 15th 1887

chs

T8 S. P. & E

W. on a random line bet Secs 30 & 31

Over level ground 74 12° 50' E

40.00 Set temporary 1/4 Sec cor.

7862 Intersect N. boundary of township
at the cor to Secs. 29, 30, 31 & 32

previously described and
established by me. Thence I run

E on a true line bet Secs 30 & 31

with same 74

Over level ground

38.62 Set mesquite post 3 ft long 3 ins eye
with marked stone 12 ins in the

ground for 1/4 Sec. cor marked 1/4

S. on N. face dug pits 18 + 18 + 12
ins E + W. of post 3 1/2 ft dist and

raised a mound of earth 1 1/2 ft high
3 1/2 ft base around post

7862 Cor. to Secs 29, 30, 31 & 32

Level

Soil sandy loam 1st rate
Dense brush entire mile.

chs

T8 S. R7 E

N. bet. Secs. 29 and 30

7a 12° 30' E

Over level ground

40.00 Set mesq + post 3 ft long 3 ins
sq. with marked stone 12 ins in
the ground for 1/4 sec per marked
1/4 S on N. face, dug pits 18 + 18 + 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

80.00 Set mesq + post 4 ft long 4 ins
sq. with marked stone 12 ins
in the ground for for to Secs 19
20, 29 and 30 marked.

T8. S. S 20 on N.E.

R. 7 E. S. 29 on S E

S. 30 on SW cor d

S. 19 on NW faces with 2 notches
on Sand 5 notches on E faces

chs

T & S. R. 7 E

Dug pits 18+18+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 clay loam 1 $\frac{1}{2}$ rate
Scuse brush entire mile.

E. on a random line bet Secs 20 & 29

Over level ground ∇ a $12^{\circ} 50'$ E

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

80.10 Intersect N & S line 20 chs S

of cor to Secs. 20, 21, 28 & 29

Thence S run

S. $89^{\circ} 57'$ W. on a true line bet Secs 20 & 29

with same ∇ a

Over level ground

40.05 Set mesq^t post 3 ft long

3 ins sq. with marked stone

chs

T. S. R. 7 E.

12 ins in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ S. on N. f. c. w.; dug pits
18+18+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 -

80.10 Cor. to Secs 19, 20, 29 and 30

Land level

Soil Clay loam

Dense brush entire mile

N. on a random line bet Secs 19 & 30

over level ground wa 12 $^{\circ}$ 50' E

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

78.64 Intersect N. boundary of township

42 chs S. of cor to Secs 19, 24

25 and 30 previously described

established by me Then set a run

S. 89 $^{\circ}$ 42' E. on a true line bet Secs 19 & 30

chs

T8 S R. 7 Ee

with same rd

~~Over level ground~~

38.64

Set mesq^t post 3 ft long
 3 ins sq. 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 + 18 + 2 ins E or
 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.

78.64

Cor. to Secs 19, 20, 29 and 30
 Land level

Soil Clay loam 1st rate
 dense mesq^t & sage brush entire mile.

N. bet Secs 19 and 20

7a 12° 30' Ee

Over level ground

40.00

Set mesq^t post 3 ft long 3 ins sq.

cls

T 8 S. R 7 E

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+18+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 mesq post 4 ft long 4 ins sq
with marked stone 12 ins in the
ground for cor to Secs 17, 18, 19 & 20
marked T 8. S. S 17 on N E

R 7 E. S 20 on S E

S 19 on S W and

S 18 on N.W. faces with 3 notches on S
and 5 notches on E edges; dug pits
18+18+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 Clay loam 2nd rate -
Secure mesq, + sage brush entire milk.

cls T & S. R. 7 E

E. on a random line bet Secs 17 + 20

Over level ground $7\text{a } 12^{\circ} 49' \text{ E}$

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

80.12 Subdivided to Plume 11 Ets S of the

Corts Secs 16, 17, 20 and 21

Thence I run

$S 89^{\circ} 55' \text{ W}$ on a true line bet Secs 17 + 20

with same rd

Over level ground

40.06 Set mag. post - 3 ft long 3 ins dia
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 + 18 + 12

ins E + W. 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 -

80.12 Corts Secs 17, 18, 19 and 20

Level line

Soil alkali loam 2nd rate

Scant sage brush

chs

T.S. R. & E.

N. on a random line bet Secs 18 & 19

Over level ground $74^{\circ} 12' 49''$ E

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

78.60 Intersect N. boundary of township 17 Ns

Suff. Cor. to Secs. 18, 18, 19 & 24 previously
established & described by me Thence I run

$89^{\circ} 33'$ E. on a true line bet Secs 18 & 19
with same 74° .

Over level ground

38.60 Set mesq + post 13 ft long 3 ins sq
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+18+12 ins E of
of post $5\frac{1}{2}$ ft dist and raised a
mound of earth $1\frac{1}{2}$ ft high $4\frac{1}{2}$ ft base
around post -

78.60 Cor. to Secs 17, 18, 19 and 20

Level ground

Soil adobe clay 2nd rate

Scrub mesq + sage brush

chs

T8 S. R. 7 E

North bet Secs 17 and 18

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

Over level ground

40.00 Set mesq^t post 3 ft long 3 ins sq
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+18+12 ins
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

80.00 Set mesq^t post 4 ft long 4 ins
sq. with marked stone 12 ins in
the ground for cor to Secs 7, 8, 17, 18
marked $\frac{1}{8}$ S. S 8 on N E

R 7 E. S 17 on S E

S. 18 on SW corrd

S 7 on N W faces with 4 notches on S
and 5 notches on E edges. dug
pits 18+18+12 ins in each Sec

T S R & E

5½ ft dist - and raised a mound
of earth 2 ft high 4½ ft base around
post. Sand level

Soil adobe clay 2nd rate
Scrub mesquite & Sage brush entire mile

At 12 o'clock M to-day I found
latitude to be $32^{\circ} 44' N$ and my
Compass in good adjustment.

East
Crossed a random line bet Secs 8 & 17

Cross level ground $20^{\circ} 49' E$

4000 feet temporary ¼ Sec 100

79.92 Intersect N & S line 32 lks S. of Post to Secs

8, 9, 16 and 17

Thence I run

$S 89^{\circ} 46' N$ on a true line bet Secs 8 and 17

Chs

T 8 S. R. 7 E

with same re

Over level of ground

- 39.96 Set ^{new} post 3 ft long 3 ins eye
with marked stone 12 ins in the
ground for $\frac{1}{4}$ Sec E or marked $\frac{1}{4}$
South face, dug pits 15 + 15 + 12 ins
E or 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 Cor to Secs 7, 8, 17 & 18.

Land level

Soil adv. loan 1st rule -
dense brush entire mile.Dec. 16th, 1887

Was a random line bet Secs. 7 + 18
7a 120 + 9' E
Over level ground

chs

T. S. R. 7 E.

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

78.58 Intersect N. boundary of township 12 chs

Set Cor to Secs 7, 12, 13 and 18 previously
described

Then a D run

S. $89^{\circ}53'$ E. on a true line, bet Secs 7 & 18

with same va

Over level ground

38.58 Deposit marked stone 12 ins

in the ground for $\frac{1}{4}$ Sec. Cor

dug pits 18 + 18 + 12 ins E & W

3 $\frac{1}{2}$ ft dia and raised a moundof earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base

over it. In E. pit - drove

a stake 2 ft long 2 ins sq

12 ins in the ground marked

 $\frac{1}{4}$ S on N face

78.58 Cor to Secs. 7, 8, 17 and 18

Land level

Soil clay loam - 2nd rate.

Sense bushes entire mile

cls

T8S. R7E

N. bet Secs 7 and 8.

70° 12' 49" E

Over level ground

40.00 Set mag¹ post 3 ft long 3 ins agr
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+18
+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 mag¹ post 4 ft long 4 ins agr
with marked stone 12 ins in the
ground for cor. to Secs 5, 6, 7 & 8 marked
T8S. S 5 on N E

R7E S 8 on SE

S 7 on SW and

S 6 on N face with 5 notches on S
and E edges, dug pits 18+18+12
ins in each Sec $5\frac{1}{2}$ ft dist and

cls

T.S. R. 7 E

raised a mound of earth 2 ft
high $4\frac{1}{2}$ ft base around frost-
land level

Soil clay loam 18" rate
Dense greasewood brush entire mile

E. on a random line bet Secs 5 and 8

28.14 Over level ground in Flats
40.00 Enter the Gray Flats bear $N 39^{\circ} 20' SE$
Set temporary $\frac{1}{4}$ Sec Cor.

80.14 Intersect to S line 15-cks N of Cor
to Secs 4, 5, 8 and 9

Thence I run

$N 89^{\circ} 54' W$ on a true line bet Secs 5 & 8
with same run

Over level ground in Flats

40.07 Set met. pt. post 3 ft long 3 ins
sq. with marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ Sec on N face dug pits

Chs

T. S. S. R. & E.

18 + 18 + 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.

38.00 Leave Santa Cruz flats at ≈ 1
 30° N + S. E.

80.14 Cor to Secs 5, 6, 7 and 8
 Sand level

Soil rich loam 181 rods
 dense scrub mesquite & sage brush
entire mile.

Now a random line bet - Secs 6 & 7
 Bore level ground. 74 $12^\circ 49'$ E

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

78.56 Intersect W. boundary of township
 15-20 ft N of the Cor to Secs 1, 6, 7
 and 12 previously described
 Hence I run

chs

T & S. R. 7 Ee

N. 89° 34' E. on a true line bet Secs 6 & 7
with same rec

Open level graded

38.56 Set misc post 3 ft long 3 ins sq
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 + 18 + 12
ins E + W 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

78.56 Cor to Secs. 5, 6, 7 and 8
Land level

Soil yellow loam 18" rate
same page crush entire mile

N. on a random line bet Secs 5 and 6

Over level ground in Flats. - Va 12° 49' Ee

4000 Set temporary $\frac{1}{4}$ Sec Cor.

chs

T. S. W. 7 E.

64.84

Enter Santa Cruz Flats

79.84

Intersect N. boundary of T₇

32 lks W. of the Cor to Secs 5, 6

31 and 32 previously described

Then S Drain

S 00° 14' W. on true line bet Secs 5 & 6

with same va

Over level ground in Flats

~~15.00~~~~Leave Santa Cruz Flats~~

39.84

Set mag^t post 3 ft long 3 ins

dgs with marked stone 12 ins

in the ground for 1/4 Sec Cor

marked 1/4 S. on W face dug

pits 18 + 18 + 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

79.84

Cor to Secs 5, 6, 7 and 8

Level level

Soil rich loam 10 ft rule

scuse brush entire mile.

Dec. 17, 1887

T. S. R. & Co

General Description.

This township is level. There are no improvements in it; and no water on the surface except during the rainy season. The soil is a rich clay or alluvial loam and the surface of the entire township is more or less densely covered with scrub mesquite, - sage and greasewood brush with patches of quipeta and other grasses in places. A West branch of the Santa Cruz Flats extends through the township from SE to NW and during the wet season the surface is covered with water from 1 inch to 15 inches in depth. After rains a dense growth of weeds spring up

T. S. D. & E

over these Flats, and
herds of horses and cattle find
good range.

Ridgley C. Powers
U. S. Deputy Surveyor

BOOK 703

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U. S. Surveyor-General's Office,

TUCSON, A. T., Feb. 16[#] 1889

The foregoing Field Notes of the Surveys of
Subdivision Lines of
Township 8 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 22[#] 1883.

having been critically examined, the necessary corrections 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.