

BOOK 684

*Contract 4041*

*No. 684*

BOOK 684

4-671

684

**FIELD NOTES**

**GENERAL LAND OFFICE.**

*Survey of  
Twp. 7 S. Range 6 E  
Gila & Salt River Basins & Maricopa  
Arizona  
By H. C. Powers D. S.  
Under Contract dated July 20, 1885  
Survey commenced Jan. 18, 1885  
" Completed " " "*

BOOK 684

Township 7. S. R. 6. E

6	78	5	57	4	42	3	28	2	16	1
77	76		56		41		27		15	
7	74	8	55	9	40	10	25	11	13	12
73	72		54		38		24		12	
18	70	17	52	16	37	15		14	11	13
69	68		51						7	
19	67	20	49	21	35	22		23	8	24
65	64		48		34			22	6	
30	63	29	46	28	32	27	20	26	5	25
61	60		45		31			19	3	
31	59	32	44	33	30	34	18	35	2	36

Field Notes  
of the Survey of the  
Subdivision lines  
of Township 7 South Range East  
Gila and Salt River Meridian  
Arizona Territory

as surveyed by  
R. C. Powers  
U. S. Dep. Surveyor  
Under his Contract No 41  
dated July 20<sup>th</sup> 1888

Survey commenced Jan 18<sup>th</sup> 1888  
Survey completed Jan 25<sup>th</sup> 1888

Subdivisions

T. J. S. R. L. E.

As I have recently surveyed the Extérieurs of this township with the same instrument and chain I now use in running the Subdivisional lines, my Compass will therefore run the same lines with the exterior boundaries and the chaining will agree.

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

~~Two preliminary~~  
~~raids of assistants &c See Book~~  
~~No 1 of Exterior Boundaries.~~

chs 17 S R & Ee

Commencing at the Cir to Secs.  
1, 2, 35 and 36 on the S Boundary of  
the T<sup>p</sup> previously described  
D run

N. bet - Secs. 35 and 36  
7a 120 49' Ee

Over level ground

40.00 Set mesq<sup>t</sup> post 3 ft long 3 in  
sqr with marked stone 12 in  
in the ground for  $\frac{1}{4}$  Sec Cir  
marked  $\frac{1}{4}$  S 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.

80.00 Set mesq<sup>t</sup> post 4 ft long  
4 in sqr with marked  
stone 12 in in the ground  
for Cir to Secs. 25, 26, 35 & 36  
marked

## Subdivisions T4 S. R6 E.

Preliminary to commencing this survey I ran North on a blank line on the E boundary of Sec 36 and at 39.98 chs found the Sec cor and at 80 chs found the Sec cor. I also ran West on a blank line on the South boundary of Sec 36 and at 40.01 chs found the Sec cor and at 80.01 chs found the Sec cor. My compass will therefore run the same lines as the exterior boundaries, and the chaining practically agrees.

Survey commenced Jan 18<sup>th</sup> 1888 with  
a Kent's improved solar compass

At 12 o'clock M. this day I take an observation and find the latitude to be  $32^{\circ}48'N.$  and my compass in good adjustment

Subdivision of T. S. R. C. E. Continued  
 Chain

I commence 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  
 North bet Secs 35 & 36

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  $18 \times 18 \times 12$  ins  
 N and 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 mesquite post 4 ft long  
 4 ins square with marked  
 stone 12 ins in the ground for cor  
 to secs 25. 26. 35 & 36 marked

chs T<sub>7</sub> S R 6 E

T<sub>7</sub> S S 25 on N E

R 6 E S 36 on S E

S 35 on S W end

S 26 on N W faces with 1 notch  
on S and E edges. dug pits  
18+18+12 ins in each sec  
5 1/2 ft dist and raised a mound  
of earth 1 1/2 ft high 4 1/2 ft base  
around post.

Land level

Soil yellow loam and rich

Sage brush & Cheat mesq<sup>1</sup>

E. on a random line bet Secs 25 & 36

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

40.00 Set temporary 1/4 Sec Cor

80.10 Intersect E. Bdry of T<sub>7</sub> at  
the Cor to Secs. 25, 30, 31 and 36

previously <sup>established and</sup> described by me



chs

T. J. S. R. 6 E

Thence I run  
 Now a true line bet Decs. 25 & 36  
 with same rd

Open level grassed

40.05 - Set misc. post 3 ft long 3 ins  
 sq. with marked stone 12 ins  
 in the ground for  $\frac{1}{4}$  Dec, Cor  
 marked  $\frac{1}{4}$  S on N face deep pits  
 $18 + 18 + 12$  ins E of W of post  $3\frac{1}{2}$  ft  
 dist and raised a mound  
 of earth  $\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft base  
 around post

80.10 bet to Decs 25, 26, 35 and 36  
 Land level

Sail yellow loam 1st sect  
 dense sage & grasswood brush  
 entire mile.

chs

T<sub>7</sub> S R 6 E

A. bet Secs 25 and 26

7a 12° 50' E

Ore level ground

Across alkali flats

46.00 Set mesq<sup>t</sup> post 3 ft long 3 in's  
sq<sup>r</sup> with marked stone 12  
in's in the ground for 7<sup>th</sup> Sec  
Or marked 7<sup>th</sup> S on W face  
dug pits 18 + 18 + 12 in's N 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 -

80.00 Set mesq<sup>t</sup> post 4 ft long 4 in's  
sq<sup>r</sup> with marked stone 12  
in's in the ground for 6<sup>th</sup> Sec  
Or Secs 24, 25 and 26 <sup>marked</sup>

T<sub>7</sub> S S 24 on N E

R 6 E S 25 on S E

S 26 on SW and

cls

T 7 S R 6 E

S. 23 on N face with 2 notches  
on S and 1 notch on E edges  
dug 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 heavy alkali and rot  
See map + map brush.

E. on a part line bet Secs 24 & 25

Over level ground  $\text{Bearing } 12^{\circ} 49' \text{ E}$   
40.00 Set temporary 4 sec cor  
80.05 Intersect E. Bdry of T 25-cls  
S. of the cor to Secs 19, 24, 25 & 30

Thence I run  
S 89° 49' W. on a true line bet Secs 24 & 25  
with same no  
Over level ground

cls

T 7 S R 6 E

40.04 At mesa - post 3 ft long 3 ins  
sq or with marked stone 12  
ins in the ground for 1/4 Sec  
Civ. marked 1/4 Sec N face  
dug pits 18 + 18 + 12 ins E 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  
From this Civ the ranch  
house and corral of  
Señora Stiles N 10° E about  
25 cls.

80.08 Civ to Secs 23, 24, 25 and 26  
From this Civ Stiles Butte about  
70 ft high brs N 12° E about  
20 cls dist and the E base  
of Casa grande Mountain is  
N. about 30 cls  
Land level  
Soil alkali loam 2nd nat -  
some sage brush + 2 cut mesq.

cls

T 7 S R 6 E

N. bet - Secs 23 and 24

7d 12° 49' E

Over level ground

14.00 Linn Alkali Flat bet. Sp.  
to base of mountain.

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

The E. base of Casa Grande

Mt - is W. about 10 cls dist

80.00 Set mesq post 4 ft long 4 in  
sq with marked stone 12 in  
in the ground for Cor to Secs  
13, 14, 23 and 24 marked

Chs

T<sub>7</sub> S R 6 ET<sub>7</sub> S S 13 on N E c

R 6 E S 24 on S E c

S 23 on SW and

S 14 on NW faces with 3 notches  
on the S. and 1 notch on E edges  
dug pits 15+15+12 ins in each  
dug 5 1/2 ft. dist. and raised a  
mound of earth 2 1/4 ft high 4 1/2 ft  
base around post.

Sound broken

Soil alkali & gran by 2nd note  
14 chs open but dense Iron  
wood pale verde & Cacti.

E. on a random line bet Secs 13 + 24

On level ground 7/8 120 50' E

Cross Ranch road to Casa Grande bears N10°W X S12°E

27.15  
40.00 Det temporary 1/4 Sec. Cor

80.15 - Intersect E Bdry of T<sub>7</sub> 19 chs  
S of the cor to Secs 13, 18, 19 + 24  
previously described.

chs

T 7 S R 6

Thence Corner

S. 89° 52' W on a true line bet Secs 13 &amp; 24

with same ra

Over level ground

40.07 Set metal post 3 ft long 3 ins dia  
with marked stone 12 ins in the  
ground for '4th cor marked '71

South face dug pits 18 + 18 + 12 ins  
E-W of post 5½ ft dist - and  
raised a mound of earth 1½ ft  
high 3½ ft base around post

27.15  
55.00

Cross Ranch road to Casa Grande  
bet N 10° W & S 12° E

80.15 - Cor to Secs 13, 14, 23 & 24

Level level

Soil brown & gravel 2nd rate  
since grassed brush & cactus.

Chs T 7 S R 6 Ee

At bet Secs 13 and 14

7d 12° 50' Ee

Over nearly level ground

- 40.00 Set mesq post 3 ft long 3 ins  
 apart with marked stone 12 ins  
 in the ground for <sup>marked</sup> Cor <sup>marked</sup>  
 1/4 S on W face, dug pits 18 + 18  
 + 12 ins N & S of post 5 1/2 ft apart  
 and raised a mound of earth  
 1 1/2 ft high 3 1/2 ft base around <sup>post</sup>
- 47.00 Cross ranch road to Casa Grande  
 hrs N. W. & S. E.

- 80.00 Set mesq post 4 ft long 4 ins apart  
 with marked stone 12 ins in  
 the ground for Cor to Secs 11, 12  
 13 and 14 marked  
 T 7 S S 12 on N Ee  
 R 6 E S 13 on S Ee  
 S 14 on SW and



cls

T<sub>7</sub> S R 6 E

In on NW face with 4 notches on  
S. end 1 notch on E. edge, 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 yellow loam 2nd rate  
Some greasewood Cactus  
Giganti + Choyas entire mile

E. on a random line bet Secs 12 & 13

Over level ground 7a 12° 49' E

40.00 Set temporary 1/4 Sec Cor

80.22 Intersect E Bdry of Sp. at the  
Cor to Secs 7, 12, 13 and 15

Thence I run

N. on a true line bet Secs 12 & 13

with same 7a

Over level ground

Chs

T 7 S R 6 E

40.11 Set merys post 3 ft long 3 in sq  
with marked stone 12 in in the  
ground for  $\frac{1}{4}$  sec for marked  $\frac{1}{4}$   
South face dug pits 18+18+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.

80.22 Cor to Secs 13, 14, 23 + 2

Land level

Soil sedimentary 2nd sect  
dense chaparral brush entire mile.

Jan 18, 1888

N. bet Secs 11 and 12

70 12° 49' E

Over level ground

40.00 Set merys post 3 ft long 3 in  
sq with marked stone 12 in  
in the ground for  $\frac{1}{4}$  sec for  
marked  $\frac{1}{4}$  South face dug

cls

T<sub>7</sub> S R 6 E

pits 15+15+12 ins. N 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.

71.83 across S P rail road bus N  
53° 50' W & S. 53° 50' E

80.00 Set mesq<sup>t</sup> post 5 ft long 4 in's  
sq with marked stone 12 ins  
in the ground for cor to Secs  
1, 2, 11 and 12 Marked  
T<sub>7</sub> S S<sub>1</sub> on N E  
R 6 E S<sub>12</sub> on S E  
S<sub>11</sub> on SW and  
S<sub>2</sub> on NW faces with 5 notches  
on sand 1 notch on E edge  
dug pits 15+15+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

cls

T. J. R. &amp; E.

Land level

Soil sedimentary - mud rate  
 dense grasswood & Chaparral  
entire mile

E. on a random line bet Secs 10 & 12

Over level ground  $7d$   $12^{\circ}$   $14'$   $E$

5.30 Cross Tucson & Casa Grande wagon road bearing  $N50^{\circ}W$

40.00 Set temporary  $1/4$  Sec Cor

80.30 Intersect E. Bdry of  $1/4$  23  $1/2$  Sec N  
 of the Cor to Secs 1, 6, 7 & 12

Thence I run

$N89^{\circ}50'$   $N$ . on a true line bet Secs 10 & 12

With same  $va$

Over level ground

40.15 Set mesq post 3 ft long 3 ins  $\varnothing$   
 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

chs

T 7 S R 6 E.

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 Tucson & Casa Grande  
wagon road  $W 50^{\circ} E$

80.30 Cor to Secs 1, 2, 11 and 12

Land level

Soil yellow loam 1st rate  
some large brush & mesq.

N. on a random line bet Secs 1 & 2

3.90

Over level ground  $7\frac{1}{2}$  a  $120^{\circ} 49' E$

Cross Tucson rd & bears  $N 50^{\circ} W$  &  $S 60^{\circ} E$

40.00

Set temporary 1 sec cor

79.90 Intersect N Bdry of T 29 Chs

E of the Cor to Secs 1, 2, 35 and  
36 previously described  
established and

Since I run

Sec 12 E. on a true line bet Secs 1 & 2  
with same run

Chs

T 7 S R 6 E

~~Over level ground~~

39.90 Set mag<sup>t</sup> post 3 ft long 3 in  
sq<sup>s</sup> with marked stone 12 in  
in the ground for  $\frac{1}{4}$  Sec. Cor  
marked  $\frac{1}{4}$  on W face, dug  
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.

76.00 Cross Lucas road br<sup>s</sup> at  $30^{\circ}$   
S  $60^{\circ}$  E

79.90 Cor to Secs 1, 2, 11 and 12

Level level

Soil yellow loam 1st rate  
Some deep brush & mesq<sup>t</sup>  
entire mile.

Chs

T 7 S R L E

From the Cor to Secs 2, 3, 34 & 35-  
 on S. Bdry of <sup>established and</sup> previously descri-  
 bed by me I run

N. bet Secs 34 and 35-  
 Fa  $12^{\circ} 51' E$ .

Over level ground

40.00 Set mesq<sup>l</sup> post 3 ft long 3 in  
 sqr with marked stone  
 12 in in the ground for  $\frac{1}{4}$  Sec  
 Cor marked  $\frac{1}{4}$  Sec on W face dug  
 pits 75 + 15 + 12 in N to S of post  
 $3\frac{1}{2}$  ft chis and raised a mound  
 of earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft base  
 around post -

80.00 Set mesq<sup>l</sup> post 4 ft long 4 in  
 sqr with marked stone 12  
 in in the ground for Cor to  
 Secs 26, 27, 34 and 35 -  
 marked

chs

T 7 S R 6 E

T 7 S S 26 on NE

R 6 E S 35 on SE

S 34 on SW and

S 27 on NW faces with 1 notch  
on S and 2 notches on E edges  
dug pits 18 + 18 + 12 ins in each  
Sec 5 1/2 ft dia and raised a  
mound of earth 2 ft high 4 1/2 ft  
base. covered pits -

Sand line

Soil sedimentary 2nd rate  
Some Sage brush & some mesq.

Entire mile

E. at a random line bet Secs 26 &amp; 35 -

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

40.00 Put temporary 1/4 Sec Cor

80.20 Entered to S line 28 lbs. of Cor  
to Secs 25, 26, 35 and 36.



Chs

T 7 S R 6 E

Thence I run

N. 89° 48' from a true line bet Secs 26 &amp; 35-

with same  $\gamma a$ Over level of  $\gamma a$  and

40.10 Set mesq<sup>1</sup> 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 N face dug  
 pits 18 + 18 + 12 ins E or W of post  
 $\frac{1}{2}$  ft dist and raised a mound  
 of earth 1 $\frac{1}{2}$  ft high 3 $\frac{1}{2}$  ft base  
 around post.

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

Land level

Soil sedimentary 2nd rate

Says brush & scrub mesq<sup>1</sup>.

N. bet Secs 26 and 27

 $\gamma a$  120° 50' E

Chs

T 7 S R 6 E

- Oven broken 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  $\frac{1}{4}$  Sec W face, dug 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.
- 50.00 Base of the S. end of Casa Grande Mountain, As usual.
- 80.00 Top of S End of Mountain 150 ft above  $\frac{1}{4}$  Sec Cor Set a granite stone 9 + 9 + 8 in 6 in in the ground for Cor to Secs 22 - 23 - 26 + 27 marked with 2 notches on the S and 2 notches on E edges and raised a mound of

Chs

T 7 S R 6 E

stone  
 Along side pits impracticable  
 Land  $S\frac{1}{2}$  level  $N\frac{1}{2}$  more or less  
 Soil  $S\frac{1}{2}$  mile - 2nd rate  
 but rocky - 3d rate  
 Chaparral brush some mesquit

E. on a random line bet Secs 23 & 26

Over broken ground  $7\frac{1}{2}$  120 50' E  
 20.00 Top of slope about 150 ft above base  
 40.00 ~~Set - temporary~~  $\frac{1}{4}$  Sec Cor  
 48.15 ~~Base of Casa Grande~~ ~~When commencing to ascend slope~~  
 50.15 - Entered  $N\frac{1}{2}$  line 47 chs

S of the Cor. to Secs 23, 24, 25 & 26

Thence I run

$S 89^{\circ} 40' W$  on a true line bet Secs  
 23 and 26

With same run

~~Over broken ground~~

32.00 ~~Base of Casa Grande~~ ~~When~~  
~~commence to ascend slope~~  
 40.07 ~~About 70 feet above base~~

Chs T 7 S R 6 E

Six granite stones 10 + 8 + 7 ins  
7 ins in the ground for '4 Sec  
Cor marked '4 on N face  
and raised a mound of stone  
alongside. Pits impracticable

60.00 Top of slope about 150 feet  
above base

80.15 Cor to Secs 22, 23, 24 & 27

Land mountainous

Soil alkali & rocky 3d rate  
Scattering brush.

Jan. 19, 1888.

To carry this line further  
North on account of the  
precipitous, rocky charac-  
ter the mountain is  
impracticable and  
useless. I therefore  
now return to the Cor to

chs

T7 S R 6 E

Secs 11, 12, 13, 14

Hence I run  
N. on a true line bet Secs  
11 and 14

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

Over partly broken ground  
36.00 Cross Ranch road to Casa  
Grande bet NW + SE

40.00 Set Palo Verde 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 15 + 15 + 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

52.00 Commence to ascend  
N.E. Slope of Casa Grande

Chs

T. J. S. R. &amp; Co

mountain.

80.00 About 100 feet above base  
 Six granite rocks 10 + 8 + 8  
 inches. 7 ins in the ground  
 for, or to Decs 10, 11, 14 & 15  
 marked with 4 notches on the  
 sand 2 notches on the E edges  
 and raised a mound of stone  
 along side, Pits impracticable  
 Sand E<sup>1</sup>/<sub>2</sub> level but mountainous  
 Soil lumpy & rocky <sup>2</sup>/<sub>3</sub> d rock  
 some brush.

N. bet Decs 10 and 11

Va 12° 49' Ee

Over mountainous surface,

20.00 Commenced to descend NE  
 slope of mountain.

31.00 Bottom of slope about 100

chs

T 7 S R 6 E

put below top

40.00 Set mesq post 3 ft long 3 ins  
sq. with marked stone 12 ins  
in the ground for  $\frac{1}{4}$  sec. or 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 12 ft  
high  $3\frac{1}{2}$  ft - base around post

78.60 Lewis ranch road to Casa  
Grande hrs N W S E

80.00 Set mesq 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 7 S S 2 on N E  
R 6 E S 11 on S E  
S 10 on S W and  
S 3 on N W faces with 5 notches  
on S and 2 notches on E edges

chs

T<sub>7</sub> S R 6 E

dry pits 18+18+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

Level level

Soil dark loam 1st rate  
 dense grasswood some mesq-  
 & cactus.

E. on a random line bet Secs 20 & 11

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

4000 Set temporary 1/4 Sec Cor  
 69.26 Cross S.P.R.R. lines  $N 53^{\circ} 50' W$  and  $S 53^{\circ} 50' E$   
 80.10 Intersect A & S line 21 kds S

of the Cor to Secs 1, 2, 11 & 12

Thence I run

$S 89^{\circ} 04' N$  on a true line bet Secs 20 & 11

with same  $\text{on}$

Over level ground

~~69.26  
70.84~~ Cross S.P.R.R. lines  $N 53^{\circ} 50' W$   
 $S 53^{\circ} 50' E$



Chs

T. J. S. R. 6 E

40.05- Set mesq<sup>t</sup> 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 N face  
 dug pits 15+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 & 11

Land level

Soil dark loam 18<sup>th</sup> roots  
 dense grasses & Chopared

Now a random line bet Secs 203

7a 120 49' E

1400  
~~80.11~~  
 80.12

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

Intersect N. Bdry of Tp 17 Sks

E. of the Cor to Secs. 2, 3

34 and 35 - previously <sup>established and</sup> described

chs

T &amp; S R 6 E

by me Thence I run  
 10007' E. on a true line bet Secs 2 & 3  
 with same ve

Over nearly level ground

70.12  
 40.00  
 50.46  
 29.66

~~cross Lucas road hrs. N 35° W~~  
~~cross S P R. R. hrs. N 53° 50'~~  
~~W and S 52° 50' E~~

40.12 Set mesq. post 3 ft long 3 in  
 sq. with marked stone 12 in  
 in the ground for 1/4 Sec C marked  
 1/4 S on W face dug pits 18 + 18 + 12  
 in N & S 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 -

80.12 Cor to Secs 2, 3, 10 & 11

Land level

Soil yellow loam 1st rate  
 dense brush entire mile.

Chs

T 7 S R 6 E

From the Cor to Secs 3, 4, 33 &  
34 on the S Bdry of the township  
previously <sup>established and</sup> described by me  
I run

N. bet - Secs 33 and 34

7a 12° 50' Ee

Over level ground

40.00 Set mesq<sup>t</sup> post 3 ft long 3 ins sq  
with marked stone 12 ins in the  
ground for 1/4 bed cor marked 1/4  
South 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<sup>t</sup> post 4 ft long 4 ins  
sq with marked stone 12 ins in  
the ground for cor to Secs 27  
28, 33 and 34 marked  
T 7 S S 27 on N. Ee.

cls

T 7 S R 6 E

R 6 E. S 34 on S E

S 33 on S W and

S 28 on NW face with 1 notch  
on S and 3 notches on E edges  
dug pits 18 + 18 + 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 sedimentary and rate  
dense sug. + E cut meryt.  
brush entire pile.

Jan. 20, 1888

E. on a random line bet Secs  
27 and 34

Over level ground  $7d 12^{\circ} 50' E$ 

40.00 Set temporary 1/4 Sec Cor  
79.85 Intersect A & B line at the Cor  
to Secs 26, 27, 34 and 35.

chs

T 7 S R 6 E

Thence Iron

N. on a true line bet Secs 27 &amp; 34

with same or

Other level ground

39.92 Set mesq<sup>t</sup> 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 face dry pits  
 18+18+12 ins E of post 5 1/2  
 ft-diat and raised a mound  
 of earth 1 1/2 ft high 3 1/2 ft base  
 around post.

79.83 - line to Secs 27, 28, 33 &amp; 34

Land level

Soil sedimentary 2nd rate  
 Sup<sup>r</sup> to with & Scat mesq<sup>t</sup>

N. bet Secs 27 and 28

7d 12° 50' E

chs

T 7 S R 6 E

Over level ground

40.00 Set mesq post 3 ft long 3 in  
sqr 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 + 18 + 12 in N 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.

80.00 Set mesq post 4 ft long 4  
in sqr with marked stone  
12 in in the ground for Cor  
to Secs. 21. 22. 27 and 28 marked  
T 7 S S. 22 on N E  
R 6 E S 27 on S E  
S. 28 on SW and  
S 21 on NW faces with 2 notches  
on S and 3 notches on E edges  
Dug pits 18 + 18 + 12 in in each

Chs T 7 S R 6 E

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 sedimentary 2nd rate  
Sense says brush scat nearly  
entire mile,

E. on a random line bet Secs 22 + 27

Va 12 48' E

Over broken ground

140.00 Set temporary 1/4 Sec Cor  
46.82 base of mountain about 75 ft below top and ground  
55.82 to commence to descend  
79.82

Intersect N 1/4 S line 31 lks S  
of the Cor to Secs 22, 23, 26 or 27

Thence I run

S 89° 47' W. on a true line bet Secs 22 or 27

with same ve

Over level & mountainous ground

55.82

24.00

Commence to Descend

cls

T 7 S R 6 E

SW slope of mountain

46.82  
33.00~~Base of mountain about 725  
feet below top~~39.91 Set mesq post 3 ft long 3 ins sq  
with marked stone 42 ins in  
the ground for 1/4 sec, cor marked  
1/4 S on N face dug pits 18 + 18  
+ 12 ins E of post 5 1/2 ft diaand raised a mound of earth  
1 1/2 ft high 3 1/2 ft base around post

79.82 Cor to Secs 21, 22, 27 + 28

Sand Mountains

Soil granular - Rocky 3d rate  
some brush

N. bet Secs 21 and 22

70 12° 48' E

Over uneven ground

40.00 Set mesq post 3 ft long 3 ins sq



chs

T 7 S R 6 E

with marked stone 12 ins in  
 the ground for  $\frac{1}{4}$  Sec Cor marked  
 $\frac{1}{4}$  Sec on N face dug pits 18+18+12  
 ins N of 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 survey 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 7 S S 15 on N.E.  
 R 6 E S 22 on S.E.  
 S 21 on S.W. and  
 S 16 on N.W. faces, 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.  
 Level nearly level  
 Soil gravelly & lean sand rate  
 Dense brush & cactus entire mile

cls

T. J. S. R. &amp; E.

As the mountain rises abruptly about 250 feet high to the East, it is impracticable to reach E, therefore

I run

N. bet Secs 15 and 16

7<sup>th</sup> 12° 49' E

Over uneven ground

Ascending gentle slope

along the W base of mountain

40.00 Set mesq post 3 ft long

3 ins agr with marked stone

12 ins in the ground for 1/4 sec

Cor marked 1/4 S on W face

diag pts 18 + 18 + 12 ins N S

of post 5 1/2 ft dia 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

cls

T 7 S R 6 E

Apr 12 ins in the ground for Cor  
 to Secs. 9, 10, 15 and 16 marked  
 T 7 S. S 10 on N.E.  
 R 6 E S 15 on S E  
 S 16 on SW and  
 S 9 on W faces with 4 notches  
 on S and 3 notches on E edges  
 dug pits 18 + 18 + 12 ins in each  
 Sec. 5 1/2 ft. dist. and raised a  
 mound of earth 1 1/2 ft. high 3 1/2  
 ft. base around pit -

Sand uneven

Soil gravelly + rocky 3d rate  
 dense Chaparral brush entire hill

E. on a random line bet Secs 10 + 15 -

74 120 48' E  
 Crey mountainous ground

40.00 bet temporary 1/4 Sec Cor

79.90 Pulvered N + S line 42 cks

Chs

T. S. R. &amp; Co

At the top to Secs 10, 11, 14 + 15 -

Thence I run

N 89° 42' W, on a true line bet Secs 10 + 15  
with some rd

Over mountainous ground

39.95

Top of N end of mountain  
Set granite stone 10 + 8 + 7  
ins 7 ins in the ground  
for 1/4 Sec. Cir marked 1/4 of  
N face and raised a  
mound of stone along side  
Pit's impracticable.

Descend W slope of mountain

39.90

About 130 feet below top of N  
end of mountain

Cir to Secs 9, 10, 15 and 16

Land mountainous

Soil rocky 3d rate

Bush & cactus.

Chs

T7 SR 6 E

N. bet - Secs 9 and 10

T<sup>d</sup> 12° 49' E

Over mountainous surface

Along N slope of mountain

40.00 About 50 feet above Sec Cor

Set <sup>rusty</sup> post 3 ft long  
with marked stone  
3 ins <sup>dgr</sup>, 12 ins ins in

ground for 1/4 Sec

Cor marked 1/4 S on W

face and raised a

mound of stone around it  
pits impracticable,

65.00 Top of Spur projecting NW

about 70 feet high

Sec end NW slope of mt -

75.00 Base of <sup>N end of</sup> mountain,

80.00 Set iron wood post 4 ft long

4 ins <sup>dgr</sup> with marked stone

12 ins in the ground for Cor

cls

T 7 S R 6 E

to Secs 3, 4, 9 and 10 marked

T 7 S S 3 on N.E.

R 6 E S 10 on S.E.

S 9 on W end

S 4 on NW faces with 5 notches

on S and 3 notches on 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 around post -

Sand monotonous

Soil rocky - 3d rate

Chopared bushes & Cactus.

E. on a random line bet Secs 3 &amp; 10

Over uneven ground  
7d 12° 50' E

Set temporary 7' Sec Cor

Cross Kank road to Cape Grand

79.96 Intersect N + S line at the Cor

to Secs 2, 3, 10 and 11

Elev

T<sub>7</sub> S R L E

Thence I run

N. on a true line bet Secs 3+10

With same 7<sup>th</sup>

77.76 ~~Open survey of road~~  
<sup>2.20</sup> ~~cross road to Cash bridge~~  
 39.98 Set survey post 3 ft long 3 ins  
 sq with marked stone 12 ins  
 in the ground for 1/4 Sec for marker  
 1/4 S on N face dug pits 18+18  
 +12 ins E & W of post 3 1/2 ft dia -  
 and raised a mound of  
 earth 1 1/2 ft high 3 1/2 ft base  
 around post -

77.96 Cor to Secs 3, 4, 9+10

Land uneven

Soil gravelly & rocky 3d rate  
 some brush & *Lactia gigantea*.

N. on a random line bet Secs 3+11

7d 12° 50' Ee

Over nearly level ground

Clos

T. J. S. R. L. E.

40.00 Set temporary  $\frac{1}{4}$  Sec Cor  
 80.12 Cut across N. Bdry of Sp 21 lks  
 E of the Cor to Secs. 34, 33  
 and 34 previously described  
 Hence I run  
 S  $00^{\circ} 09'$  E on a true line bet Secs 30 & 41  
 with same ra

Over nearly level ground

40.12 Set mark just 3 ft long 3 in  
 sqr with marked stone 12 in  
 in the ground for  $\frac{1}{4}$  Sec Cor  
 marked  $\frac{1}{4}$  S on W face dug  
 pits 15 + 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 -

80.12 Cor to Secs 34, 9 & 10  
 Land nearly level  
 Soil sedimentary 2nd rate  
 dense brush & mesq.

Jan. 21 1888



Elo

T 7 S R 6 E

Spred the Cor to Secs 4, 5, 32  
and 33 on S Body of the T<sup>h</sup>  
previously described  
I run

N. bet Secs 32 and 33

70 120 50' Ee

Over level ground

40.00 Set mesq<sup>t</sup> post 3 ft long

3 ins sq with marked stone

12 ins in the ground for 'H

Sec Cor. marked '4' Saw 7'

face dug pits 18 + 18 + 12 ins

N. S. of post 5 1/2 ft dist and

raised a mound of earth

15 ft high 3 1/2 ft base around <sup>post</sup>

80.00 Set mesq<sup>t</sup> post 4 ft long

4 ins sq with marked stone

12 ins in the ground for

Cor to Secs 28, 29, 32 & 33 marked

cls T S R C E

T S S 28 on N E

R C E S 33 on S E

S 32 on S W end

S 29 on N W face with 1 notch

on S end 4 notches on E edges

day pits 18 + 18 + 2 ins in

each Dec 5 1/2 ft - dia - and

raised a mound of earth

2 ft - high 4 1/2 ft - base around <sup>best</sup>

land level

Soil Sedimentary 2nd rate

Loose mgy + sup trash entire mile

Core a random line bet - Decs 28 + 33

Or level ground <sup>7a 12° 50' E</sup>

40.00 Set temporary 4 Dec Cor

80.00 Subsect N S line 15 - cls

S. of the Cor to Decs 27, 28, 33 + 34

Thence I run

Chs

T. J. S. R. L. E.

S 89° 52' W. on a true line bet Secs 28 &amp; 33

with same re

Over level ground

40.00 Set mesq<sup>1</sup> post 3 ft long 3 ins  
 2 yr with marked stone 12 ins  
 in the ground for  $\frac{1}{4}$  Sec Cor.  
 marked  $\frac{1}{4}$  S on N face deep pits  
 18 + 18 + 12 ins E + W of post 3 ft  
 dist and raised a mound of earth  
 1 1/2 ft high 3 1/2 ft base around post -  
 80.00 bet to Secs 28, 29, 32 and 33

Land level

Soil sedimentary 2nd rate  
 dense sage & mesq<sup>1</sup> brush

N. bet Secs 28 and 29

Va 12° 50' E

Over level ground

40.00 Set mesq<sup>1</sup> post 3 ft long 3 ins

cls

T S R C E

sqrs with marked stone 12 ins  
in the ground for 1/4 Sec for  
marked 1/4 S on W face dug  
pits 18+18+12 ins NOS of posts -  
5 1/2 ft dia. 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 sqrs  
with marked stone 12 ins in  
the ground for Sec to Secs 20, 21,  
28 and 29 marked  
T S S 21 on N E  
R C E S 28 on S E  
S 29 on SW and  
S 20 on NW faces with 2 notches  
on S and 4 notches on E edges  
dug pits 18+18+12 ins in each  
Sec 5 1/2 ft dia. and raised a  
mound of earth 2 1/2 ft high

Clos

T. S. R. 6 E

4 1/2 ft base around post -  
 Sand level  
 Soil sedimentary 2nd rate  
 dense moss + Suga brush

E. on a random line bet Secs 21 & 28

va 12° 49' E

40.00 <sup>Over level ground</sup> Set temporary 1/4 Sec Cor

80.00 Intersect N. line at the Cor to  
 Secs 21, 22, 27 and 28.

Hence I run

Now a true line bet Secs 21 & 28

with same va

~~Over level ground~~

40.00 Set moss post 3 ft long 3 ins  
 sqr with marked stone 12 ins  
 in the ground for 1/4 Sec, or  
 marked 1/4 Sec on a face dug  
 pits 18 + 18 + 12 ins E of 1/4

cls S 7 S R C E

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 loc to Secs 20, 21, 28 & 29

Land level

Soil sedimentary 2nd rate  
sense says brush entire mile.

N. bet - Secs 20 and 21

7a  $12^{\circ} 49' E$

Over level ground

40.00 Set mesq. post 3 ft long 3 ins  
apx with marked stone 12 ins  
in the ground for 1/4 Sec, loc  
marked 1/4 S on N face dug pits  
 $18 + 18 + 12$  ans N 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.

chs

T 7 S R L E

80.00 Set mercury post 24 ft long 4 in  
 sq with marked stone 12 in  
 in the ground for cor to Secs  
 16, 17, 20 and 21 marked  
 T 7 S. S 16 on N E  
 R 6 E S 21 on S E  
 S 20 on SW and  
 S 17 on NW faces with 3 notches  
 on S side & 4 notches on E edge  
 dug pits 18 + 18 + 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  
 Sand level  
 Soil sedimentary 2nd. ruli  
 dense sagg crust & cat merys  
 entire rule.

cls

T 7 S R 6 E

E. end of random line bet Decs 16 + 21

Cry level ground  $7^{\circ}$  to  $12^{\circ}$   $49'$  E40.00 Set temporary  $7^{\circ}$  Dec Cor80.16 Intersect Pt. Shie 17 lbs S  
of the Cor to Decs, 15, 16, 21 and 22

Thence I run

S 89° 53' N. on a true line bet Decs 16 + 21

With same run

~~Old level ground~~40.08 Set mesq<sup>s</sup> post 3 ft long 3 ins  
sq<sup>r</sup> with marked stone 12 insin the ground for  $7^{\circ}$  Dec Cormarked  $7^{\circ}$  S on N face dry

posts 15 + 15 + 12 ins E of N of

post  $3\frac{1}{2}$  ft dist and raised amound of earth  $1\frac{1}{2}$  ft high $3\frac{1}{2}$  ft base around post

80.16 Cor to 16, 17, 20 and 21

Sand level



cls T 7 S R 6 E

Soil sedimentary and rat  
sense Daphnisk. I cut mesq

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

N. lat Dec 16 and 17

" " 12 49' E

One level ground

40.00 Set mesq first 3 ft long  
3 ins eye with marked stone  
12 ins in the ground for 1/4  
Set on marked 1/4 S on  
N face dig pits 7 1/2 + 12 ins  
to S of pits 5 1/2 p dist and  
raised a mound of earth

chs

T 7 S R 6 E

14 ft 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 8, 9, 16 and 17 marked  
 T 7 S S 9 on NE  
 R 6 E S 16 on SE  
 S 17 on SW and

S 8 on NW faces with 4 mcdus  
 on S and E edges. dug pits  
 18+18+12 ins in each Sec  
 $5\frac{1}{2}$  ft dia and raised on  
 mound of earth 2 ft high  
 $4\frac{1}{2}$  ft base around post  
 Sand level

Soil sedimentary and quite  
 dense sup. set mesq  
 entire mile.

chs

T. S. R. C. E.

Run a random line bet Secs 9 & 16  
Over uneven surface  $7\frac{1}{2}^{\circ}$  50' E.

40.00 Set temporary  $\frac{1}{4}$  Sec Cor  
70.19 Foot of slope  
80.19 Intersect to S line at the cor to Secs  
9, 10, 15 and 16

Thence I run

N. on a true line bet Secs 9 & 16  
with same ra

Over uneven surface

Gentle descending N. slope of mt-

70.19  
70.10 Foot of slope

40.59 Set mark 1 post 3 ft long 3 ins sq  
with marked stone 6 ins in the  
ground for  $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$  Sec N.  
face, dug pits 18 + 18 + 12 ins E of my 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

80.19 Cor to Secs 8, 9, 16 & 17  
Land uneven  
Soil gravelly - 2nd rate  
dense brush entire mile

Chs

T 7 S R 6 E

N. bet Secs 8 and 9

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

One level ground

40.00

Set mesq post 3 ft long  
3 ins agr with marked stone  
12 ins in the ground for  
4 Sec cor. marked 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  
12 ft high  $3\frac{1}{2}$  ft base  
around post.

80.00

Set mesq post 4 ft long 4 ins  
agr with marked stone 12 ins  
in the ground for Cor to Secs  
4, 5, 8 and 9 marked  
T 7 S S 4 on N E  
R 6 E S 9 on S. E.  
S 8 on S 8 and

Chs

T 7 S R 6 E

S. 5 on NW faces with 5 notches  
on S and 4 notches on E edges  
dug pits 15 + 15 + 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 sedimentary and rate  
dense deep + cut mesq brush  
entire mch.

E. on a random line bet Secs 409

One hvd ground 7a 120 48' E

40.00 Set temporary 1/4 Sec Cor.

80.10 Intersect to line at the  
Cor to Secs 3, 4, 9 and 10

Thence I run

th. as a true line bet Secs 409  
with same sa

Chs T 7 S R 6 E

Over level ground

40.05 Set mesq. post 3 ft long 3 in  
sq. not marked other 12 in  
in the ground for  $\frac{1}{4}$  Sec, Cor  
marked  $\frac{1}{4}$  S on face dug pits  
18 + 18 + 12 in E + W of post 3 ft  
dirt 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. 4, 5, 8 and 9  
Sand level

Soil sedimentary 18<sup>th</sup> set  
dense grasswood entire mile

N. on a sandstone line bet Secs 4 + 5

Over level ground  $7d$   $12^{\circ}$   $48'$   $E$

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

80.00 Intersect N. Body of  $17^{\text{th}}$  23 lbs  
W of the Cor to Secs 4, 5

cls

T. S. R. &amp; Co

32 and 33, previously described  
 by me. Thence I run  
 S. 0° 10' W. on a true line bet lines 4 & 5  
 with same or

~~One level of 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 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 Cor to lines 4, 5, 8 and of  
 Land level

Soil Sedimentary and red  
 dense brush entire units.

Jan. 23, 1888

Chs

T 7 S R 6

Draw the Cor. to Secs 5, 6, 31 & 32  
on the S Body of the Township  
previously described

I run

N. bet Secs 31 and 32

70° 12' 50" E

Over level ground

40.00 Set mesq<sup>t</sup> 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 N. by 3 dug pits 18 + 18 + 12 ins  
N of post  $3\frac{1}{2}$  ft dist and ram  
a mound of earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$   
ft base around post -

80.00 Set mesq<sup>t</sup> post 4 ft long  
4 ins sq. with marked stone  
12 ins in the ground for Cor  
to Secs 29, 30, 31 & 32 Marked  
T 7 S S 29 on N E



Chs

T &amp; S R &amp; E

R &amp; E S 32 on S E

S 31 on W road.

S 30 on N faces with 1 notch  
on S. and 5 notches on E edges  
dry 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 Sedimentary 2nd rate  
dense sugar & magt brush  
entire mile.

E. on a random line bet Secs 29 & 32

Over level ground Va 120 49' E

40.00 Del temporary 1/4 Sec Cor

80.18 Intersect N & S line 20 lks

S. of Cor to Secs. 28. 29. 32 & 33

Thence S run

Chs

T. S. R. G. E.

S 89° 05' N. on a true line bet Secs 29 &amp; 32

with same 7a

Over level ground

40.09 Set mesq's post 3 ft long 3 ins  
 sq with marked stone 12 ins in  
 the ground for  $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$   
 South face of dug pits 18+18+12 ins  
 E of N 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.

8018 Cor to Secs 29, 30, 31 and 32

Sand level

Soil Sedimentary 2nd rate  
 dense clay & mesq's brush

N. on a true line bet Secs 30 &amp; 31

Over level ground 7a 120° 49' E

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

78.64 Subsect N. Bdry of T. 15 Chs

chs

T. J. S. R. G. E.

Top Cor to Recs 25-30, 31-36  
 previously established and described  
 by me. Thence S from  
 Top 54' E. on a true line between  
 30 and 31

With same rd

Open level ground

38.64 Set mesq. post 3 ft long 3 in  
 sq. with marked stone 12  
 ins in the ground for  $\frac{1}{4}$  dia  
 or marked  $\frac{1}{4}$  dia. on N face dug  
 pits 18 + 18 + 12 ins E or 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.

78.64 Cor to Recs. 29, 30, 31-32  
 Sand level.

Soil sedimentary 2nd rate  
 same as mesq. brush  
 entire unit

chs T 7 S R 6 Ee

At bet Secs 29 and 30  
7u 120.49 Ee

Over level ground

- 40.00 Set mesq post 3 ft long  
3 ins sqr with marked stone  
12 ins in the ground for 1/4  
Sec for marked 1/4 S on W  
face dug pits 18+18+12 ins  
N of post 5 1/2 ft dist and  
raised a mound of earth  
1 1/2 ft high 3 1/2 ft bar around post.
- 80.00 Set mesq post 4 ft long 4 ins  
sqr with marked stone  
12 ins in the ground for Co  
to Secs 19, 20, 29 & 30 marked  
T 7 S S 20 on N Ee  
R 6 E S 29 on S Ee  
S 30 on W and  
S 19 on N W face with 2 notches

Chs

T 7 S R 6 E

on S end 5 notches on 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 around post.

Scrub Sage & prairie brush  
 entire mile.

At 12 o'clock in to day I  
 found latitude to be  $32^{\circ}$   
 $47'$  N and my compass in  
 good adjustment.

E. on a random line bet Secs 20 + 29

over level ground. Va  $12^{\circ} 49'$  Ee

40.00 Set temporary 1/4 Sec Cor

80.25 Entered N. line 35 chs S  
 of Cor to Secs 20, 21, 28 + 29

Thence I run

chs

T 7 S R 6 E

S 89° 45' W. on a true line bet Secs 20 &amp; 29

With same run

Over level ground

4012 Set mesq post 3 ft long 3 ins eye  
with marked stake 1 1/2 ins in the  
ground for 1/4 Sec for marked 1/4  
S on N. 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.

8025 - line to Secs 19, 20, 29 and 30

Level level

Soil sedimentary 2nd rate  
dense sage & mesq brush  
entire mile.

Show a random line bet Secs 19 and 30

Over level ground 7a 12" 49' E

4000 Set temporary 1/4 Sec for

Chs

T7 S R 6 E

78.70 Intersect W. Bdry of Sp 18. 184

S. of the Cor to Secs 19, 24, 25 & 30  
previously established  
and described by the Sheriff of Iron

S. 89° 52' E. on a true line bet Secs 19 &amp; 30

With same cu

Oxley level ground

38.70 Set mesq post 3 ft long 3 ins

sqr with marked stone 12 ins

in the ground for  $\frac{1}{4}$  Sec. cormarked  $\frac{1}{4}$  S on N face dug

pits 18 + 18 + 12 ins E of N of post

 $5\frac{1}{2}$  ft dist and raised a moundof earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft base

around post.

78.70 Cor to Secs 19, 20, 29 &amp; 30

Sand level

Soil sedimentary 2nd rate

dense sugar mesq brush

entire mile.

Obs

T 7 S. R 6 E

N. bet Secs 19 and 20

7a 12° 49' Ee

Over level ground

4600 Set mngt post 3 ft long 3 ins sqr  
with marked stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec for marked  
 $\frac{1}{4}$  S on N 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.

8000 Set mngt post 4 ft long 4 ins  
sqr with marked stone 12 ins  
in the ground for Cor. to Secs.  
17, 18, 19 and 20 marked  
T 7 S. S 17 on NE  
R 6 E S 20 on SE  
S 19 on NW and  
S 18 on NW faces with 3 notches  
on S and 5 notches on E edges



Chs

T 7 S R 6 E

dry pits 18+18+12 ins in  
 Each Sec. 5½ ft - dist - and  
 raised a mound of earth  
 2 ft high 4½ ft base around  
 level

Soil sedimentary 2nd rate  
 dense clay & mesq,  
 brush entire mile

Jan. 24, 1888.

E. on a random line bet Secs 17 & 20  
 over level ground to 12° 49' E

40.00 Bet temporary ¼ Sec Cor

80.28 Intersect to line 29 E

to Sec 16, 17, 20 & 21

Thence S 10°

S 89° 48' W on a true line bet Secs 17 & 20

with course to

Over level of present.

40.14 Bet mesq, just 3 ft long 3 ins

ch. T 7 S R. 6 E.

sgo 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 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.

8028 Cor to Secs 17, 18, 19 and 20

Sand level

Soil sedimentary 2nd rate  
Scarcely any brush or scrub  
through entire mile.

W. 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.

7872 Intersect W. Boundary of Tp at

the Cor to Secs. 13, 18, 19 + 24 <sup>previously</sup>

established and  
described by me. Hence I run

E. on a true line bet Secs 18 & 19

chs

T 7 S R. C. E

With same run

Over level of ground

38.72 Set magnetic post 3 ft long  
 3 ins apart 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 of post  
 $5\frac{1}{2}$  ft dist. and raised a  
 mound of earth 15 ft high  
 $3\frac{1}{2}$  ft base around post.

78.72 Cor to Secs 17, 18, 19 & 20  
 Land level

Soil Sedimentary 2nd rate  
 dense clay brush & mesq.

N. bet - Secs 17 and 18  
 $7d 12^{\circ} 49' E$

Over level ground

40.00 Set magnetic post 3 ft long 3 ins

cls

T. S. R. C. E.

sq. 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 pits  $5\frac{1}{2}$  ft dist and  
raised a mound of earth  $2\frac{1}{2}$   
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. <sup>to</sup> Sec.  $\frac{1}{4}$  Sec. 17+18  
marked by S. S. 5 on N. E.  
R. C. E. S. 17 on S. E.  
S. 18 on S. W. and  
S. 17 on N. W. faces with 4 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  
 $2\frac{1}{2}$  ft high  $4\frac{1}{2}$  ft base  
around post.

Chs

T 7 S R 6 E

Sand level

Soil sedimentary 2nd rate  
Scuse brush entire mile.

E. on a random line bet Secs 8 &amp; 17

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

80.10 Intersect to line 15-lls.

N of cor to Secs 8, 9, 16 &amp; 17

Thence I run

N  $89^{\circ} 54'$  W on a true line bet Secs 8 & 17

With same rd

Over level ground

40.05 Set mag. pit 3 ft long

3 ins agr with marked stone

12 ins in the ground for

 $\frac{1}{4}$  sec cor marked  $\frac{1}{4}$  D

on N face; dug pits

obs

T 7 S. R 6 E

18+18+12 ins E + N of post -  
 5½ ft dist and raised a  
 mound of earth 1½ ft high  
 3½ ft base around post.

80.10 Cor to Secs 7, 8, 17 and 18  
 Land level

Soil sedimentary and rather  
 dense brush entire mile.

W. on a random line bet Secs 7 & 8

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

40.00 Set temporary ¼ Sec Cor

78.76 Intersect N. Boundary of T<sub>2</sub> 11 S

N of the Cor to Secs 7, 12, 13 and  
 15 previously <sup>established and</sup> described by

me

Thence I run

$189^{\circ} 51'$  E on a true line bet Secs 7 & 8

With some run

Over level ground.

Chs

T. S. R. &amp; E.

38.76 Set mesq<sup>t</sup> post 3 ft long 3  
 ins sqr with marked stone  
 12 ins in the ground for '4  
 Sec for marked pt. S on N face  
 dug pits 15 + 15 + 12 ins E to  
 A post 5½ ft dia and raised  
 a mound of earth 1½ ft high  
 3 ft base around post.

78.76 lev to Sec 7, 8, 17 & 18  
 Sand level

Soil sedimentary 2nd rate  
 dense sage & mesq<sup>t</sup> brush  
 entire mile.

N. bet Sec 7 and 8  
 Vol 12° 49' E

Over level of road

40.00 Set mesq<sup>t</sup> post 3 ft long 3 ins  
 sqr with marked stone

75

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Chs

T. 7 S. R. 6 E.

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 of  
 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 5, 6, 7 and 8 marked  
 T 7 S S 5 on N.E.  
 R 6 E. S 8 on S.E.  
 S 7 on SW and  
 S 6 on W face with 5 notches  
 on S and E edges, dug pits  
 18+18+12 ins in E of Sec  
 $5\frac{1}{2}$  ft dist and raised a  
 mound of earth 2 ft high  
 $4\frac{1}{2}$  ft base around post.



Chs

17 S D 6 E

E. on a random line bet Secs 5 &amp; 8

Over level ground <sup>70</sup>  $12^{\circ} 50' E$ 40.00 Set temporary  $\frac{1}{4}$  Sec Cor79.90 Intersect N & S line at the Cor  
to Secs 4, 5, 8 and 9.

Thence I run

N. on a true line bet Secs 5 &amp; 8

with same rd.

Over level ground

39.95 Set mesq<sup>t</sup> post 3 ft long 3 ins

sq with marked stone 12 ins

in the ground for  $\frac{1}{4}$  Sec for marked $\frac{1}{4}$  Sec N face dug pits 18 + 18 + 12ins 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

79.90 Cor to Secs 5, 6, 7 and 8

Lund level

Chs

T 7 S R 6 E

Soil sedimentary and rate  
 loose sags brush & scrub  
 mesq - entire mile.

Now a random line bet Sec 6 & 7

Over level ground  $7 \times 12^{\circ} 50' E$

40.00 Set temporary  $\frac{1}{4}$  Sec Cor  
 60.74 Cross road from Casa Grande to Quigley's bro  $25^{\circ} E$   $20^{\circ} W$

78.74 Pulvered  $\frac{1}{4}$  Bdry of  $\frac{1}{4}$  Sec

17 lbs N of the Cor to Sec 1.6

$7 \times 12$  previously described

Thence I run

$89^{\circ} 053' N$  on a true line bet Sec 6 & 7

with same run

Over level ground

~~18.00 Cross road from Casa Grande  
 to Quigley's bro  $25^{\circ} E$~~

~~$20^{\circ} W$~~

38.74 Set mesq post 3 ft long

3 ins sq with marked stone

Chs

T 7 S. R. 6 E

12 ins in the ground for  
 1/4 Sec Cor marked 1/4 Sec  
 A face dug pits 18+18+12  
 ins E + W of post 5 1/2 ft dit  
 and raised a mound of earth  
 1 1/2 ft high 3 1/2 ft base around <sup>post</sup>  
 78.74 Cor to Secs 5, 6, 7 and 8  
 Land level

Soil sedimentary 2nd rate  
 dense dug + 2 cut mesq  
 entire mile.

N. on a random line bet Secs 5 + 6  
 Va 12° 50' Ee

40.00 Set temporary 1/4 Sec Cor  
 80.00 Subscribed N. Bdry of 1/4 20ths  
 E of the Cor to Secs 5, 6, 31  
 and 32 <sup>established and</sup> previously described  
 by me Thence I run

cls

T 7 S R 6 E

S $00^{\circ}09'$ E on a true line bet. Secs 5 & 6  
with same Va. 12 $^{\circ}$  40

Our level ground  
4000 Set mesq<sup>1</sup> post 3 ft long  
3 ins sq with marked stone  
12 ins in the ground for  $\frac{1}{4}$   
Sec for marked  $\frac{1}{4}$  S on  
W face dug pits 78 + 18 + 12  
ins to 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 Cor to Secs 5, 6, 7 & 8

Land level

Soil sedimentary 2nd rate  
dense say brush & scrub  
nearly entire mile,

Jan. 25<sup>th</sup> 1888

T. S. R. &amp; Co

## General Description

Casa Grand mountain occupies most of sections 10, 14, 15 and 23 and portions of Secs 3, 22 and 26. Its highest peak reaches an altitude of about 350 feet above the surrounding plains.

The balance of the township is nearly level having good soil of a sedimentary character - washed down from mountain ranges E. W. and South.

The surface generally is covered with a dense growth of Sage brush, greasewood, Scrub mesquite and near the mountain

with Cat Claw Palo verde  
and Cactus of various  
species.

Senora Stiles Cattle  
ranch in Sec 24 is the  
only improvement in  
the township. A well  
80 feet deep supplies her  
stock with water during  
the dry season. There  
is no other developed  
water in the township.