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

Township 13 South, Range 31 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By R. C. Powers, D. S. under
Contract dated Feby. 27, 1883.
Survey commenced March 29, 1883.
Survey completed March 31, 1883.

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Township 13 South BOOK 967 1A
 Range 31 East.

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Gila and Salt River, Arizona.

ARIZONA.

13 South Range
East side of Salt River
moraine

50

1

Surrey March 29th.

For description of
instrument and prelimi-
nary notes see book 1

T. 13 S. R. 31 E.

Chains

From the Cor to Sec.
1, 2, 30 and 36 on the
S. boundary of the town
-ship which was recent-
ly established by me.

A run
North, Pt. Sec. 30 and 36.
Sz. 13° 28' E.

4000

Set a ^{stone} for Perry, 12 x 8 x 6
ins. 8 ins. in the ground
for "4 Sec. Cor. ^{marked "4"} dug ^{in full}
pit 18 x 18 x 12 ins. S.
and S. of stone 5 1/2
ft. dist. and raised
a mound of ~~stone~~ ^{earth} 1 1/2
ft. high 3 1/2 ft. base
alongside. ~~Pit~~ ~~marked~~ ~~at~~ ~~the~~

8000

Set a granite stone 10 x
10 x 8 ins. 7 ins. in the
ground for Cor. to Sec.

T. 13 S. R. 31 E.

Chains

25, 26, 35 and 36
 marked with 1 notch
 on S. and E. edges, dug
 pits 18x18x12 Vins,
 in each Sec. 5 1/2 ft.
 dist. and raised a
 mound of earth 2 ft.
 high, 4 1/2 ft. base alongside
 surface level
 Soil gravelly 2nd. rate
 Dune grass wood brush

East on a random line
 bet. Secs. 25 and 36

Va. 13° 28' E.

St. temporary 1/4 Sec. Cor.

Subsect. East boundary

of Township 10 miles S.
 of the Cor. to Sec.

25, 30, 31 and 36

4000
 80.06

T. 13 S. R. 21 E.

Chairs

which was recently established
by me. Found a run
S. $59^{\circ} 56'$ N. on a true
line bet. Secs. 25⁹⁴ & 26
with same ra.

4003 Set a granite ^{stones} $6 \times 10 \times 8$ ins.
~~11 ins.~~ in the ground
for "4 Sec. Cor. marked
"4 on N. face. dug pit
 $18 \times 18 \times 12$ ins. E. and N.
of stone $5\frac{1}{2}$ ft. dist.
and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
ft. base along side.

5006 The Cor. to Secs. 25, 26, 35 & 36
Surface level
Soil gravelly 2nd. rate
Dense grasswood and
mosquito brush

T. 13 S. R. 31 E.

Chains

North pt. Sec. 25 and 26

Va. $13^{\circ} 28' E.$

4000

Set a granite ^{stone} $14 \times 12 \times 10$ ins.
 9 ins. in the ground
 for "4 Sec. Co. marked
 "14 on N. face, and
 raised a mound of
 stone alongside. ~~its~~ ^{its} ~~superficial~~

8000

Set a granite stone $12 \times 12 \times 10$
 ins. 8 ins. in the ground
 for Co. to Secs. 23, 24, 25
 and 26 marked with
 2 notches on S, and
 1 notch on E. edge
 and raised a mound of
 stone alongside ~~its~~ ^{its} ~~superficial~~
 Just an level.
 Soil gravelly 2d. rate
 Dense green wood brush

T. 13 S. R. 31 E.

Chains

Cast on a random line
bet. Secs. 24 and 25

Va. $130^{\circ}28'E$.

4000 Set temporary "4 Sec. Cor.

7998 Subsect E. boundary of
township 14 miles N. of
the Cor. to Secs. 19, 24
25 and 30 which was
recently established by me.
Thence I run N. 71.
 $59^{\circ}54'$ W. on a true line
bet. Secs. 24 and 25
with same va.

3999 Set a granite stone $10 \times 8 \times 7$
ins high in the ground
for "4 Sec. Cor. I marked
"4 on N. face. dug pits
 $18 \times 18 \times 12$ ins. E. and W. N.
of stone $5\frac{1}{2}$ ft. dist. and
dug a mound of

T. 13 S. R. 31 E.

Chains.

earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
 base along side

7998 The Cor. to Secs. 23, 24, 25 ^{and} 26

Surface level
 Soil gravelly sub. rate
Dense greenwood brush

Stake bet. Secs. 23 and 24
 Va. $13^{\circ}28'E$.

40.00

Set a granite ^{stone} $12 \times 8 \times 8$ ins.
 8 ins. in the ground for "14"
 Sec. Cor. marked "14 m"
 N-face, dug pits $18 \times 18 \times$
 12 ins. N. and S. ~~side~~
 of stone $5\frac{1}{2}$ ft. dist.
 and raised a mound

of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side

80.00

Set a granite stone
 $18 \times 18 \times 12$ ins. 12 ins.

T. B. S. R. S. E.

Chans.

in the ground for Cor.
to Secs. 13, 14, 23 and 24
marked with 3 notches
on S. and 1 notch on E.
edges. and raised a
mound of stone alongside
City impracticable
Surface level
Soil gravelly sub. rate
Dense grass wood brush

East on a random line
bet. Secs. 3 and 24

Ca. 1302 8'E

40.00 Set temporary "4 Sec. Cor.

79.96 Set or set E. boundary of
township 14 miles. S. of
of the Cor. to Secs. 13
18, 19 and 24 which
was recently established by me.

T. 13 S. R. 31 E.

Chains.

- Thence I run S.
89° 54' N. on a true line
bet. Sec. 13 and 24
with 0 acre or
- 39.95 Set a granite stone 10x12x10
ins. 11 ins. in the ground
for "4 Sec. Cor. marked
"4 on N. face. and
raised a mound of
stone alongside Pit Imperfectible
- 7996 The Cor. to Sec. 13, 14, 23 and 24
Surface level
Soil gravelly sub. rate
Dense grass wood brush
-
- North bet. Sec. 13 and 14
Va. 13° 28' E.
- 41.00 Set a granite stone 10x10x
6 ins. 11 ins. in the ground
for "4 Sec. Cor. marked

T. 13 S. R. 21 E.

Chairs

$\frac{1}{4}$ on N. face, and raised
a mound of stone along side

Pip. impracticable.

8000 Set a volcanic ^{stone} $2 \times 10 \times 8$ ins.

ins. in the ground for
Cor. to Secs 11, 12, 13 and 14

marked with 4 notches
on S. and 1 notch on

E. edge, and raised a
mound of stone along side

Pip. with racticable

Surface level

Soil rocky 3rd. rate.

Dwarf mesquite and

greasewood - brush

East on a random line
bet. Secs. 12 and 13

Va. $13^{\circ} 28' E.$

4000

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

T. 10 S. R. 21 E.

Chains

- 68.00
5010
- Record N. slope of Mountain
Intersect E. boundary of Township
10 miles S. of the
Cor. to Secs. 7, 12, 13 and
18 which was recently
established by me. Thence
I run S. $89^{\circ}56'$ N. on
a true line bet. Secs.
12 and 13 with same or.
- 40.00
- Set a granite stone 14×10
 $\times 9$ ins. 9 ins. in the ground
for "4" Sec. Cor. marked
"4" on N. face and
raised a mound of
stone along side
Ribs - impracticable
- 8010
- The Cor. to Secs. 11, 12, 13 & 14
Surface rolling
Soil stony 3rd. rate
Scattering grass-wood brush

T. 32. R. 31 E.

Chains

Stork pt. Secs. 11. and 12
Cor. 130° 28' E.18.14 Dry wash 20 links wide
Co. S. N.

4000 Ditto trachite rock

18 x 10 x 8 ins. 12 ins. in the
ground for 114 Sec. Cor.
marked 114 on N. face
and raised a mound
of stone alongside
Pits impracticable8000 Ditto granite ^{stone} 10 x 10 x 8 ins.9 ins. in the ground for
Cor. to Secs. 1, 2, 11 and 12
marked with 5 notches
on S. and 1 notch on
E. edges, and raised
a mound of stone alongside
Pits impracticable
Surface rolling

T. 13 S. R. 31 E.

Chains

Soil stony 3rd. rate
 Scattering green wood
 and magnite brush

East on a random line
 bet. Secs. 1 and 12

4000 Set temporary ^{Sec. 10} line $13^{\circ} 28' E$

54.16 Dry wash 10 miles wide Co. S.M.

79.94 I intersect the east boundary
 of the township 21 miles S.

of the Cor. to Secs. 1, 6, 7
 and 12 which was recently
 established by me. Thence

I run S. $89^{\circ} 51' W$. on a
 true line bet. Secs.

1 and 12 with same on

39.97 Set a porphyry ^{mine} $14 \times 12 \times 8$
 ins. 9 ins. in the ground
 for 14 Sec. Cor. I marked
 114 on N. face. and

J. 13 S. R. 31 E.

Chains.

raised a mound of stone
alongside. Pits impracticable
79.94 The Cor. to Secs. 1, 2, 11 and 12
Surface level
Soil rocky 2nd. rate
Scattering grass wood and
cat's claw brush

North on a random line
bet. Secs. 1 and 2
Pa. $13^{\circ} 28' E.$

21.14 Creek 4 links wide Co.
S. W. good water but sinks
about 10 chains below here.

40.00 1st temporary "4 Sec. Cor.

80.14 Subsequent S. W. town dary
of the Township 12 miles
E. of the Cor. to Secs.
12, 35 and 36 which was
recently established.

T. 13 S. R. 31 E.

Chains -

by me. Then I run
S. 5° 5' E. on a true
line bet. Secs. 1 and 2
with same va,

40.14 Set a granite ^{stone} 4 x 12 x 6
ins. 9 ins. in the ground
for "4" See Cor. marked
"4" on N. face, and
raised a mound of
stone alongside
Pit ^{unpracticable}

80.14 The Cor. to Secs. 1, 2, 11 & 12
Surface level
Soil rocky 2nd. rate
Scattering brush

I carefully examined
the adjustments of my
Solar Compass to-day
particularly the latitude

T. S. R. 31 E.

Chains.

and reversing apparatus and
found them correct

From the Cor. to Sec.

2, 3, 34 and 35 on the S.
boundary which was recently
established by me. I found
it on the S. Sec. 34 and 35

9.50 Telegraph line brs. N. 75° W. Va. 13° 25' E.

10.09 J. P. R. R. brs. N. 75° W.

11.01 Road brs. E. and W.

40.00 Set a granite stone 12x10x8
ins. 8 ins. in the ground for
14 Sec Cor. marked 14
on N. face dug pits 18x15
x 12 ins. N. and S. of stone
5 1/2 ft. dist. and raised
a mound of earth
1 1/2 ft. high 3 1/2 ft. base
along side

T. 13 S. R. 31 E.

Chains

80.00

Set a granite ^{stone} $2\frac{1}{4} \times 11 \times 8$ ins.
 pins. Run the ground
 for Cor. to S.W. 26, 27,
 34 and 35 marked
 with 1 notch on S. and
 2 notches on E. edges, and
 raised a mound
 of stone alongside
 surface level
 Soil gravelly 2nd. rate
 Dune greenwood brush

East on a random line bet.
 S.W. 26. and 35.

Or. 13' 28".

41.00

7996

Set temporary $1\frac{1}{4}$ Sec. Cor.
 Intersect E. and S. line
 18 links. S. of the Cor. to
 S.W. 25, 26, 35 and 36
 Thence I run S. $89^{\circ} 52' N$.

T. 13 S. R. 24 E.

Chains

on a true line bet. Secs.

26 and 35 with same ca.

3998

Set a granite stone $10 \times 8 \times 7$
ins. 7 ins. in the ground
for "4" Sec. Cor. marked
"4" on N. face dug pits $18 \times 18 \times 12$ ins. E. andN. of stone $5\frac{1}{2}$ ft. dist.

and raised a mound

of ~~stone~~ $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside

3996

The Cor. to Secs. 26, 27, 34 and 35

Surface level

Soil gravelly 2nd. rate

Dwarf greasewood bush

North bet. Secs. 26 and 27

Ta. $13^{\circ} 28' E.$

4000

Set a granite $10 \times 10 \times 6$ ins
7 ins. in the ground

T. 15 S. R. 31 E.

Chains

for "4 Sec. Cor. marked
 "4 on N. face dug
 pits 18x18 x 12 ins. N. and S.
 of stone 5 1/2 ft. dist. and
 raised a mound of
 earth 1 1/2 ft. high 3 1/2
 ft. base along side
 80.00 Set a granite stone 12x6x
 6 ins. 6 ins. in the ground for
 Cor. to Secs. 22, 23, 26
 and 27 marked with 2 notches
 on S. and E. edges, and
 raised a mound of
 earth 2 ft. high 4 1/2 ft.
 base along side
 Surface level
 Soil gravelly 2nd. rate
 Dense grass and brush

T. 13 S. R. 21 E.

Chains

Cast on a random line
bet. Secs. 23 and 24

Va. $13^{\circ} 28' E.$

40.00 Set temporary "4 Sec. Cor.

80.08 Intersect Pt. and S. 34

link S. of the Cor. to Sec.

23, 24, 25 and 26 Thence S

run S. $89^{\circ} 45' N.$ on

a true line bet. Secs.

23 and 26 with same va.

40.04 Set a granite stone $12 \times$

8×6 ins. 8 ins. in the ground

for "4 Sec. Cor. marked

"4 on N. face dug

into $18 \times 18 \times 12$ ins. E. and

N. of stone $5\frac{1}{2}$ ft. dist.

and raised a mound

of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$

ft. base alongside

80.08 The Cor. to Secs. 22, 23, 26 and 27

T. 13 S. R. 31 E.

Chains

Surface level
Soil rocky 3rd. rate
Dense green wood brush

North Mt. Secs. 22 and 23

Ta. 13° 28' E.

40.00 Set a granite stone 10x
8x7 ins. 7 ins. in the
ground for "4 Sec. Cor.
marked "4 on N.
face dug pits 18x18
x12 ins. E. and S. of
stone 5½ ft. dist and
raised a mound of
earth 1½ ft. high 8½
ft. base along side

80.00 Set a granite stone 12x10
x8 ins. 8 ins. in the
ground for Cor. to
Secs. 14, 15, 22 and 23

T. B. S. R. 21 E

Chains

marked with 3 notches on S.
 and 2 notches on E. edges
 dug pits 18 x 18 x 2 ins. in
 each Sec. 5 1/2 ft. dist.
 and raised a mound
 of earth 2 ft. high 4 1/2
 ft. base along side
 surface level
 Soil gravelly 2nd rate
Scattering grasswood brush

East on a random line
 bet. Secs. 14 and 23
 Va. 13° 28' E.

40.00 Sit temporary 1/4 Sec. Cor.
 80.00 Intersect N. and S.
 line 14 miles N. of the
 Cor. to Secs. 13, 14, 23 and 24
 Thence S. run N. 89°
 54' N. on a true line

T. 13 S. R. 31 E.

Claims

bet. Secs. 14 and 23 with
same va.

40.03 Set a granite stone $18 \times 8 \times 6$
ins. 12 ins. in the ground
for "4 Sec. Cor. marked
"4 on N. face dug pit
 $18 \times 18 \times 12$ ins. E. and
N. of stone $5\frac{1}{2}$ ft. dia.
and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
ft. base alongside

80.00 The Cor. to Secs. 14, 15, 22 and 23
Surface level
Soil gravelly sub. rate
Scattering grass wood brush

North bet. Secs. 14 and 15
Pa. $13^{\circ} 28' E$,

39.00 Dry wash 10 miles wide
Co. S. N.

T. 13 S. R. 21 E.

Chains

- 40.00 Deposited marked stone
12 ins. in the ground for
"4 Sec. Cor. [unclear] of
[unclear] dug pits
18x18x12 ins. N. and S.
of stone 5 1/2 ft. dist. and
raised a mound of earth
1/2 ft. high 3 1/2 ft. base
over it. in N. pit.
drove stake 2 ft. long
2 ins. sq. 12 ins. in the
ground marked "4 S. on
N. face
- 42.15 Dry wash 10 miles wide Co. S. N.
- 80.00 Deposited marked stone
12 ins. in the ground for
Cor. to Secs. 10, 11, 14 and 15
dug pits 18x18x12 ins.
in each Sec. 5 1/2 ft.
dist. and raised a

T. 13 S. R. 31 E.

Chains

mound of earth 2 ft.
high 4 1/2 ft. base over it.
In S.E. fut. drove
stake 2 ft. Long 2 ins. sq.
2 ins. in the ground marked
T. 13. S. S. 11 on N.E.,
R. 31 E. S. 14 on S.E.,
S. 15 on S.W. and
S. 16 on N.W. faces, with
4 notches on S. and 2
notches on E. edges.
Surface level
Soil gravelly 2nd. rate
Scattering greasewood and
mesquite brush

East on a random line
bet. Secs. 11 and 14
Ta. 13° 28' E.

14.32 Dry wash 10 links wide - Co. S.W.

T. S. R. S. E.

Chains

- 4000 Set temporary "4 Sec. Cor.
 6840 Dry wash 14 links wide
 Co. S. N.
- 7998 Intersect Pt. and S. line
 16 links Pt. of the Cor. to
 Secs. 11, 12, 13 and 14
 Thence I run N. 89°
 53' N. on a true line
 bet. Secs. 11 and 14
 with same va.
- 3999 Deposited marked stone
 12 ins. in the ground
 for "4 Sec. Cor. dug
 pits 18x18x12 ins. N. E.
 and N. of stone 5 1/2
 ft. dist. and raised
 a mound of earth 1 1/2
 ft. high 3 1/2 ft. base
 over it. On E.
 put drove stake 2 ft.

T. 13 S. R. 31 E.

Chains

79.98 long 2 ins. sq. 12 ins. in
the ground marked
1/4 S. on St. face
the Cor. to Secs. 10, 11, 14 and 15
Surface level
Soil 2nd. rate
Scattering greasewood brush

North bet. Secs. 10 and 11
Ta. 13'28'E.

40.00 Deposited marked stone
12 ins. in the ground for
1/4 Sec. Cor. dug pits
18 x 18 x 12 ins. N. and S.
of stone 5 1/2 ft. dist. and
raised a mound of
earth 1 1/2 ft. high 5 1/2
ft. base over it. On
St. pit drove stake 2
ft. long 2 ins. sq. 12 ins.

T. 13 S. R. 31 E

Chains

8000

in the ground marked
 "4 S. on N. face
 Deposited marked stone
 12 ins. in the ground
 for Cor. to Secs.

2, 3, 10 and 11 dug pits
 18 x 18 x 12 ins. in each
 Sec. 5 1/2 ft. dist. and
 raised a mound
 of earth 2 ft. high 4 1/2
 ft. long over it.

On S.E. pit drove
 stake 2 ft. long 2 ins.
 sq. 12 ins. in the ground
 marked

T. 13 S. S. 2 on N.E.
 R. 31 E. S. 11 on S.E.
 S. 10 on S. N. and
 S. 3 on N. N. face.
 with 5 notches on S.

T. 13 S. R. 31 E.

Chains

and 2 notches on E. edges.
 Surface level
 Soil gravelly 2nd. rate
 Scattered mesquite and
greasewood brush

Cut on a random line bet.
 Secs. 2 and 11

Pa. $13^{\circ} 28' E$

- 4000 Set temporary "4 Sec. Cor.
 4814 Creek 3/4 mile wide Co. S. N.
 50.04 Intersect St. and E. line
 14 miles N. of the Cor.
 to Sec. 12. 11 and 12 Thence
 I run St. $89^{\circ} 54' N$. on
 a true line bet. Secs.
 2 and 11 with same as
 deposited marked
 Stone 12 ins. in
 the ground for "4

J. 13 S. R. 31 E.

Chains.

Sec. Cor. dug pits 8x18
x12 ins. S. and N. of
stone $5\frac{1}{2}$ ft. dist. - Sand
raised a mound of
earth $1\frac{1}{2}$ ft. high 30
ft. base over it.

On C. fut. drove stake
2 ft. long 2 ins. sq. 12 ins.
in the ground marked
"4 S. on N. face

8004 The Cor. to Sec. 2, 3, 10 and 11

Surface level

Soil gravelly 2nd. rate

Scattering musquiti and
cats - claw bone h

North on a random
line bet. Secs. 2 and 3

4000 Set temporary "4 Sec. Cor.

8008 Dubroich A. found any 1/2 lbs.

S. 13 S. R. 31 E.

Chains

N. of the Cor. to Secs
2, 3, 34 and 35 which
was recently established
by me. Thence I
run S. 00 5 N. on a
true line bet. Secs

2 and 3. with same oak
4008 Deposited marked stone
12 ins. in the ground for
"4 Sec. Cor. dug pits
18 x 18 x 12 ins. N. and S.
of stone 5 1/2 ft. dist and
raised a mound of
earth 1 1/2 ft. high 3 1/2 ft.
true over it. Saw N.
pit drove stake 2 ft. long
2 ins. sq. 12 ins. in the
ground marked "4 S.
on N. face

8008 The Cor. to Secs. 2, 3, 105/11

T. B. S. R. 31 E.

Surface level
 Soil rocky and rate
 Scattering grass wood and
 cats claw brush

From the Sec. to Sec.
 3, 4, 33 and 34 on the
 S. boundary of the township
 of which was recently established
 by me. I run
 North bet. Secs. 33 and 34

3420 Telegraph line to N. 175° W. 1302 8' E

3470 S. Q. R. R. bet. N. 75° W.
 and S. 75° E.

3590 Road bet. E. and N.

4000 Deposited marked stone
 12 ins. in the ground
 for 1/4 Sec. Cor. dug
 pits - 18 X 18 X 12 ins, N.
 and S. of stone

T. 13 S. R. 31 E.

Chains

5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth
1 $\frac{1}{2}$ ft. high of 3 $\frac{1}{2}$ ft.
base over it. In S.
put drove stake 2 ft.
long 2 ins. sq. 12 ins. in
the ground marked
14 of S. on N. face

8000

Deposited marked stone
12 ins. in the ground for
Cor. to Secs. 27, 28, 29
and 34 dug pits 18x15
x12 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
over it. In S.E.
put drove stake
2 ft. long 2 ins. sq. 12 ins.
in the ground, marked

T. 13 S. R. 31 E.

Chains

T. 13 S. S. 27 on N.E.
R. 31 E. S. 34 on S.E.
S. 33 on S.N. and
S. 28 on S.N. face, with
1 notch on N. and
3 notches on E. edge.

Surface level
Soil 2nd rate
Scattering mesquite and
green wood brush
Good grass

East on a road one line
bet. Secs. 27 and 34
Var. 13° 28' E.

4000
7996

Set temporary 1/4 Sec. Cor.
Intersect N. and S. line
24 miles S. of the Cor.
to Secs. 26, 27, 34 and 35
Thence S. and S. 89°

T. 13 S. R. 51 E.

Chains

50' N. on a true line
bet. Secs. 27 and 34
with same va.

3998 Deposited marked stone
12 ins. in the ground
for "4 Sec. Cor. dug
pit 18x18x12 ins. E. and N.
of stone 5 1/2 ft. dist.
and raised a mound
of earth 1 1/2 ft. high 3 1/2
ft. dia over it.

For E. pit drove stake
2 ft. long 2 ins. sq. 12 ins.
in the ground marked
"4 S. for st. face

7996 The Cor. to Secs. 27, 28
33 and 34

Surface level
Soil 2nd. rate
Scattering brush
good grass.

T. 13 S. R. 31 E

Chains

North bet. Sec. 27 and 28
No. 13° 28' E.

4000

Set a granite stone 10x10
x 6 ins. 7 ins. in the ground
for 1/4 Sec. Cor. marked
114 on N. face. dug pits
18x18x12 ins N. and S.
of stone 5 1/2 ft. dist. and
raised a mound of
earth 1 1/2 ft. high 3 1/2 ft.
face over alongside

8000

Deposited marked stone
12 ins. in the ground
for Cor. to Sec. 21, 22.
27 and 28 dug pits 18x18
x 12 ins. in each Sec.
5 1/2 ft. dist. and raised
a mound of earth 2 ft.
high 4 1/2 ft. face over it.
An S.E. pit drove

T. 13 S. R. 31 E.

Chains

Stake 2 ft. long diam. sq. 12
 ins. in the ground marked
 T. 13 S. S. 22 on N. E.
 R. 31 E. S. 27 on S. E.
 S. 28 on S. N. and
 S. 21 on N. N. face with
 2 notches on S. and 3
 notches on E. edges
 Surface level
 Soil 2nd. rate
 Scattering greasewood brush
Good grass

East on a random line
 bet. Secs. 22 and 27
 Va. 13° 28' E.

40.00 Set temporary "4 Sec. Cor.
 80.00 Intersect - N. and S.
 line 28 links S. of the
 Cor. to Secs. 22, 23, 26

J. W. S. R. S. E.

Chmiss

and 27 Thence I run
S. $89^{\circ}48'$ W. on a true
line bet. Secs. 22 and 27
with same va.

40.63

Deposited marked stone
12 ins. in the ground for
1/4 Sec. Cor. Using pit
18x18x12 ins. E. and W.
of stone $5\frac{1}{2}$ ft. dist.
and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
ft. base over it.

On E. pit drove stake
2 ft. long 2 ins. sq. 12 ins.
in the ground marked
1/4 S. on N. face

50.06

The Cor. to Secs. 21, 22, 27 & 28
Surface level
Soil sub. rate
Scattering grass and brush

T. S. R. 31 E.

Chains

North Pt. Secs. 21 and 22

Sta. 1328⁵⁰

4000 Deposited marked stone
 12 ins. in the ground for
 "4 Sec. Cor. dug pits 18x18
 x12 ins. N. and S. of stone
 5 $\frac{1}{2}$ ft. dist. and raised
 a mound of earth 1 $\frac{1}{2}$
 ft. high 3 $\frac{1}{2}$ ft. face
 over it. In N. pit
 drove stake 2 ft. long 2 ins.
 sq. 12 ins. in the ground
 marked "4 S. or N. face

8000 Deposited marked
 stone 12 ins. in the
 ground for Cor. to Secs.
 15, 16, 21 and 22 dug pits
 18x18x12 ins. in each
 Sec. 5 $\frac{1}{2}$ ft. dist. and
 raised a mound

T. 13 S. R. 31 E.

Chains

2 ft. high $4\frac{1}{2}$ ft.
 base over it. Dr
 S. E. pit. drove stake 2 ft.
 long 2 ins. sq. 12 ins. in
 the ground marked
 T. 13 S. S. 15 on N.E.
 R. 31 E. S. 22 on S.E.
 S. 21 on S. N. and
 S. 16 on S. N. face.
 with 3 notches on S.
 and E. edges
 Surface level
 Soil 1st. rate
 Scattering grass wood brush
 Good grass

East on a random line
 bet. Secs. 15 and 22
 No. $13^{\circ}28'E$.

4000

Set temporary 44 Sec. Cor.

T. 13 S. R. 37 E.

Chains

- 67.14 Dry wash Cr. S. N. 10 links wide
- 79.94 Intersect N. and S. line
13 links N. of the Cor. to
Sec. 14, 15, 22 and 23 Show
I run N. 89° 54' N. on a
true line bet. Sec.
15 and 22 with same va.
- 39.97 Set a granite 10x8x15 ins. 6
ins. in the ground for
1/4 Sec. Cor. marked 114
on N. face, dug pits 18x18
x12 ins. E. and N. of stone
5 1/2 ft. dist. and raised
a mound of earth 1 1/2
ft. high 3 1/2 ft. tall alongside
- 79.94 The Cor. to Sec. 15, 14, 21 and 22
Surface level
Soil 1st. rate
Scattering grass wood brush

T. 13 S. R. 3 E

Chains

7th lot. Sec. 15 and 16

40.00 Deposited marked stone
 12 ins. in the ground
 for "4 Sec. Cor. dug pits
 15x18x12 ins. N. and S.
 of stone 5 1/2 ft. dist. and
 raised a mound of
 earth 1 1/2 ft. high 3 1/2
 ft. base over it. On
 N. lot, drove stake 2 ft.
 long 2 ins. sq. 12 ins. in the
 ground marked "4 S.
 on N. face

80.00 Deposited marked stone
 12 ins. in the ground for
 Cor. to Sec. 9, 10, 15 and 16
 dug pits 18x18x12 ins. in
 each Sec. 5 1/2 ft. dist.
 and raised a mound

T. 13 S. R. 31 E.

Chains

of earth 2 ft. high 4 1/2 ft.
 face out it. Sec. S.E.
 pit down date 2 ft. long
 2 ins. sq. 12 ins. in the
 ground marked

T. 13 S. S. 10 on N.E.

R. 31 E. S. 15 on S.E.

S. 16 on S. N. and

S. 9 on S. N. lower with
 4 notches on S. and
 3 notches on E. edge.

Surface level

Set O gravelly 2nd. rate
Scattered green wood brush

East on a random line
 bet. Secs. 10 and 15

No. 13028 E.

4 000 Set temporary 1/4 Sec. Cor.
 80.02 Set to set N. and S.

T. 13 S. R. 31 E.

Chains

line 14 links N. of the
 cor. to Secs. 10, 11, 14 and 15
 Thence I run N. 89° 54' W.
 on a true line bet. Secs.
 10 and 15 with same var.

4001

Deposited marked stone
 2 ins. in the ground
 for 1/4 Sec. Cor. dug pit
 18x18x12 ins. E. and N.
 of stone 5 1/2 ft. dist. and
 raised a mound of
 earth 1 1/2 ft. high 3 1/2 ft.
 face over it. In E.
 pit. drove stake 2 ft.
 long 2 ins. sq. 12 ins. in
 the ground marked
 1/4 S. on N. face

5002

The cor. to Secs. 9, 10, 15 & 16
 Surface level
 Soil gravelly 2nd rate

T. 13 S. R. 31 E.

Chains

Scattering greenwood track

North pt. Sec. 9 and 10

No. 13028 E.

4000

Deposited marked stone
12 ins. in the ground
for "4 Sec. Cor. dug pits"
18x18x12 ins. N. and S.
of stone 5½ ft. dist.

and raised a mound
of earth 1½ ft. high 5½
ft. base over it.

In N. pt. drove stake
2 ft. long 2 ins. dia. 12 ins.
in the ground marked
"4 S. on N. face

5000

Deposited marked stone
12 ins. in the ground
for Cor. to Secs. 3, 4
9 and 10 dug pits 18x18

E. 13 S. R. 31 E.

Chains

x 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. bare over
 it. In S.E. pit.

Draw stake 2 ft. long
 2 ins. sq. 1 2 ins. in the
 ground marked

T. 13 S. S. 30 or N.E.
 R. 31 E. S. 10 or S.E.
 S. 9 or S. N. and
 S. 4 or N. N. fause, with
 5 notches on S. and 3
 notches on E. edges.

Surface level

Soil 2nd. rate

Scattering grass wood brush

East on a random line
 bet. S. Sec. 3 and 10

T. 13 S. R. 31 E.

Va. T₃₀ 28° E.

- 40.00 Set temporary "4 Sec. Cor.
7994 Dutton's N. and S. line
25 links N. of the Cor. to
Secs. 2, 3, 10 and 11 Thence
Down N. 89° 45' W.
on a true line to Secs.
3 and 10 with same on
- 3997 Deposited marked stone
12 ins. in the ground for
"4 Sec. Cor. dug pit
18x18x12 ins. E. and N. of
stone. 5 1/2 ft. dist. and
raised a mound of
earth 1 1/2 ft. high 5 1/2
ft. fore over it. In
E. pit. drove stake
2 ft. long 2 ins. dia. 12
ins. in the ground
marked "4 S. on N.-face

T. 13 S. R. 31 E.

Chains

79.94 The Cor. to Secs. 3, 4, 9 and 10
 Surface level
 Soil gravelly 2nd rate
 Scattering grasswood
 and mesquite brush

North on a random
 line bet. Secs. 3 and 4
 Na. $13^{\circ} 28' E$

4000
 8006

Set temporary "4" Sec. Cor.
 intersect E. boundary
 of the township 8 Twp 10
 N. of the Cor. to Secs.
 3, 4, 33 and 34 which was
 recently established by me
 Thence I run $S 0^{\circ}$
 $3' N.$ on true line bet.
 Sec 3 and 4 with
 same ca.

T. 13 S. R. 31 E.

Chains

4006 Deposited marked
stone 12 ins. in the
ground for "4 Sec. Cor.
dug pits 15x18x12 ins.
of St. and S. of stone
5 1/2 ft. dist. and raised
a mound of
earth 1 1/2 ft. High
3 1/2 ft. base over it.

In St. pit drove stake
2 ft. long 2 ins. sq. 12 ins.
in the ground marked
"4 S. on N. face

5006

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

Surface level

Soil gravelly red. color

Scattering of reworked
and musgumli sand

T. B. S. R. & E.

Chains

I carefully examined
the adjustments of my
Solar Compass to-day
particularly the latitude
and ~~vertical~~ ^{vertical} apparatus
and found them correct

From the W. to Sec.
4, 5, 32 and 33 on
the S. boundary of
the township which I was
recently established by me.
I run North
bet. Sec. 32 and 33
Pa. $13^{\circ} 25' E$.

40.00

Deposited marked stone
12 ins. in the ground for
114 Sec. Cor. dug hole
18 x 18 x 12 ins. N. and S.
of stone $5\frac{1}{2}$ ft. dist. and:

T. 13 S. R. 31 E.

Chains

with raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
ft. base over it.

On N. pt. drove stake
2 ft. long 2 ins. sq. 12 ins.
in the ground marked
"4 S. on N. face.

54.32 Telegraph line to. N. 75° N.

54.82 S. W. R. R. to. N. 75° N.
and S. 75° E.

55.65 Road to. E. and N.

80.00 Deposited marked stone
12 ins. in the ground for
Cor. to Secs. 28, 29, 32
and 33 dug pits 15x18
x12 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
over it. On S.E.

T. 13 S. R. 31 E.

Chains

put drove stake 2 ft. long
 2 ins. sq. 12 ins. in the
 ground marked
 T. 13 S. S. 28 on N.E.
 R. 31 E. S. 33 on S.E.
 S. 32 on S. N. and
 S. 29 on S. N. face,
 with 1 notch on S. and
 4 notches on E. edges.
 Surface level
 Soil 1st. rate
 Scattering grasswood brush

East on a random line
 bet. Secs. 28 and 33
 Va. 130° 28' E.

40.00

8.004

Set temporary "4 Sec. Cor.
 between N. and S. line
 28 lbs. S. of the Cor.
 to Secs. 27, 28, 33 and 34

T. 13 S. R. 31 E.

Chains

Thence I run S. 89°
48' N. on a true line
bet. Secs. 28 and 33

Bluff
corner
40.02
50.04

with ~~same~~ ^{same} ~~value~~ ^{value}
Deposited marked stone
The Cor. to Secs. 28, 29
32 and 33

Surface level
Set 9th. rail
Scattering greenwood brush

North bet. Secs. 28 and 29
No. 13028E.

40.00
Deposited marked stone
12 ins. in the ground
for 114 Sec. Cor. dug
pits 18x18x12 ins. It.
and S. of stone 5 1/2
ft. dist. of and raised
a mound of earth
1 1/2 ft. high 3 1/2 ft.

T. 13 S. R. 31 E.

Chairs

8000

base over it. In A. pit. drove stake 2 ft. long 2 ins. sq. 12 ins in the ground marked N. of N. face. Duplicates marked down 12 ins. in the ground for Cor. to Secs 20, 21, 28 and 29 dug pits 18x18x12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. C. pit. drove stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked with 2 notches on S. and 4 notches on E. edge. Survey level Soil 2nd. rate.

530

T. 13 S. R. 31 E.

Claims

Scattering grass wood
brush

Good grass

East on a random line
bet. Sec. 21 and 28

Pa. 13° 28' E,

4000

7996

Set a temporary "4 Sec. Cor
Distract N. and S. line
24 miles S. of the Cor. to
Secs. 21, 22, 27 and 28

Thence S. 89° 49' N.
on a true line bet. Secs.

21 and 28 with same in

3998

Deposited marked stone
12 ins. in the ground
for "4 Sec. Cor. dug
pit 18 x 18 x 12 ins.
E. and N. of stone 5 1/2
ft. dist. and raised

T. 13 S. R. 31 E.

Chairs

a mound of earth $1\frac{1}{2}$
ft. high $3\frac{1}{2}$ ft. base
over it. In E. pit
drone stake 2 ft. long 2 ins.
sq. 12 ins. in the ground
marked "4 S. on St. face

7996 The Cor. to Sec. 20, 21, 28 and 29

Surface level
Soil Sub. rate
Scattered greasewood brush
Good grass

North pt. Sec. 20 and 21
Va. $13^{\circ}28'E.$

H 0.00

Deposited marked stone
2 ins. in the ground for
"4 Sec. Cor. dug pit
 $18 \times 18 \times 12$ ins. N. and S.
of stone $5\frac{1}{2}$ ft. dist. and
raised a mound of

T. 13 S. R. 21 E.

Chains

earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base over it.

On N. pt. drove stake
2 ft. long 2 ins. sq. 12 ins.
in the ground marked

$\frac{1}{4}$ S. from N. face

Deposited marked
stone 12 ins. in the

ground for C. to Sea.

16, 17, 20 and 21 dug pits
 $18 \times 18 \times 12$ ins. in each

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

of earth 2 ft. high
 $4\frac{1}{2}$ ft. base over
it. On S. E. pt.

drove stake 2 ft. long
2 ins. sq. 12 ins. in the
ground marked

T. 13 S. S. 14 on N. E.

\$ 0.00

T. 13 S. R. 31 E.

Chains

P. 31 E. S. 21 on S. E.
S. 20 on S. N. and
S. 17 on N. N. faces.
with 3 articles on S.
and 4 articles on E.
edges

Surface level

Soil Ind. rate

Scattering greasewood brush
Good grass

East on a random line
bet. Secs. 16 and 21

Na. $13^{\circ} 28' E$

4000 Set temporary 1/4 Sec. Cor.

8004 Intersect N. and S. line
24 links S. of the Cor.
to Secs. 15, 16, 21 and 22

Since I run S. 890 50' N.
on a true line set.

T. 13 S. R. 31 E.

Chains

- 4002 Aug. 16 and 21 will - same or
 Deposit marked stone
 12 ins. in the ground
 for "4 Sec. Cor. dug
 pits 18x18x12 ins. E. and
 N. of stone 5 1/2 ft. dist.
 and raised a mound
 of earth 1 1/2 ft. high
 3 1/2 ft. base over it.
 In N. pit. drove stake
 2 ft. long 2 ins. o g. 12
 ins in the ground
 marked "4 S. on N. face
- 8004 The Cor. to Sec. 16, 17, 20 Aug 21
 Surface level
 Soil red. rate
 Scattering greasewood
 brush
 Good grass

T. 13 S. R. 9 E.

Chairs

Front St. Sec. 16 and 7

40.00 Set a granite stone ^{No. 13028⁰⁰} $14 \times 10 \times 8$
 ins. - 9 ins. in the ground
 for Sec. Co. marked 114 on N. face
 dug pits $18 \times 18 \times 12$ ins.
 N. and S. of stone $5\frac{1}{2}$
 ft. dist. and raised
 a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
 along grade

80.00 Set a granite stone $8 \times$
 12×7 ins. in the
 ground for Sec. to Sec.
 8, 9, 16 and 17 marked
 with 4 notes on S.
 and E. edges. dug
 pits $18 \times 18 \times 12$ ins. in
 each Sec. $5\frac{1}{2}$ ft.
 dist. and raised

T. 13 S. R. 31 E.

Chains

a mound of earth
2 ft. high 4 1/2 ft.
base alongside
surface level
Soil 2nd. rate
good grass

East on a random line
bet. Secs. 9 and 16
Sta. 1302819

4000

5004

Set temporary "4" Sec. Cor.
Subtract St. and S. line
28 miles S. of the Cor.
to Secs. 9, 10, 15 and 16

Fence I run S. 89° 48'

N. on a true line
bet. Secs. 9 and 16
with same or

4002

Set a granite ^{stone} 4x10x6
ins. 9 ins. in the

T. S. R. 31 E.

Chain

ground for $\frac{1}{4}$ Sec.
 Cor. marked $\frac{1}{4}$ on
 N. face, dug pits
 18 x 18 x 12 ins. E. and
 N. of stone 5 $\frac{1}{2}$ ft. dist.
 and raised a mound
 of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base along side

8004 The Cor. to Sec. 8, 9, 16 & 17
 Surface level
 Soil 2nd. rate
 Good grass

North pt. Sec. 8 and 9
 Va. 13 $^{\circ}$ 28' E.

4000

Set a granite stone
 16 x 10 x 8 ins. 11 ins. in
 the ground for $\frac{1}{4}$ Sec.
 Cor. marked $\frac{1}{4}$ on
 N. face, dug pits.

T. 13 S. R. 31 E.

Chairs

5000

18x18x12 ins. A. and S
 of stone 5 $\frac{1}{2}$ ft. dist.
 and raised a mound
 of earth 1 $\frac{1}{2}$ ft. high
 3 $\frac{1}{2}$ ft. base alongside
 Set a grain ^{stone} 6x15x8
 ins. 11 ins. in the ground
 for Cor. to Sec. 4, 5,
 8 and 9 marked
 with 5 notches on S,
 and 4 notches on E.
 edges. and raised
 a mound of stone alongside
 surface level
 Soil 2nd. rate
 Scattering green wood
 brush
 Good grass

J. 13 J. R. 31 E.

Chains

Cast on a random line
bet. Secs. 4 and 9
No. 13⁰ 28⁰ C.

4000 Set temporary "4 Sec. Cor.
7994 Intersect- N. and S. line
31 miles N. of the Cor.
to Secs. 3, 4, 9 and 10.

Thence I run N.
89° 47' N. on a true
line bet. Secs. 4 and 9
with same va

3997 Set a volcanic stone
15x12x8 ins. 12 ins. in
the ground for "4 Sec.

Cor. marked 44 on
N. face ~~dry pits~~
~~15x18x12 ins. N. and~~
~~N. of stone 5 1/2 ft.~~
~~dial and raised a~~
~~round of earth~~

T. 13 S. R. 31 E.

Chairs

7994 and raised a mound of stone along side
The Cor. to Secs. 4, 5, 8 and 9
Surface level
Set rocky 3rd. rate
Scattering undergrowth

North on a random line
bet. Secs. 4 and 5

Va. $130^{\circ} 28' E$

4000

5004

Set temporary "4 Sec. Cor.
Subtract - N. found one
of low no hif 20 links E. of
the Cor. to Secs. 4, 5, 8
and 9 which was
recently established by me
Thence I run S. $00^{\circ} 9' 0$.
on a true line
bet. Secs. 4 and 5
with same va.

T. 13 S. R. 31 E.

40.04 Deposited marked stone
12 ins. in the ground
for "4 Sec. Cor. dug
pits - 18x18x12 ins. N.
and S. of stone 5-1/2 ft.
dist. and raised
a mound of earth -
1 1/2 ft. high 3 1/2 ft. base
over it. In N. pit,
drew slate 2 ft. long
2 ins. sq. 12 ins. in the
ground marked "4 S.
on N. face

80.04 The Cor. to Sec. 4, 5, 8
and 9
Surface level
Soil gravelly 2nd. rate
Scattering greasewood
and mesquite brush

T. 13 S. R. 31 E.

Chassis

From the Cor. to
Sec. 31 and 32
on the ~~S~~ boundary
of the township which
was recently established
by me, Thence I run
North 4th Sec. 31 and 32
N. 13° 28' E

4000

Deposited marked stone
12 ins. in the ground for
14 Sec. Cor. dug pit
18 x 18 x 12 ins. N. and S.
of stone 5 1/2 ft. dist. and
raised a mound of
earth 1 1/2 ft. high 3 1/2 ft.
base over it. In N.
part drove stake 2 ft. long
2 ins. sq. 1 1/2 ins. in the

30.50
30.00
Telegraph by ^{ground} ~~line~~ marked 14 S. on N. face
Southern Pacific R. R.

T. 13 S. R. 31 E.

Chairs

7740 hrs. at 750 4 N. 24. S 75 4 E.
Wagon road hrs. at 750
N. and S. 75 4 E.

50.00 Deposited marked stone
12 ins. in the ground
for G. to Sec. 29, 30, 31
and 32. dug pits - 18x
18x12 ins. in each Sec.
5 1/2 ft. dist. and raised
a mound of earth 2 ft. high
4 1/2 ft. face over it.

Don J. C. put drove
stake 2 ft. long 2 ins. dia.
12 ins. in the ground
marked

T. 13 S. S. 29 on N. E.
R. 31 C. S. 32 on S. E.
S. 31 on S. N. and
S. 30 on N. N. - face
with 1 notch on S.

T. 13 S. R. 31 E.

Chain.

Fractures on E. edge

Surface level

Soil 1st. rate

Scattering green wood brush

Good grass.

East on a random line

bet. Secs. 29 and 32

Na. $13^{\circ}28'E$.

1020

Sand Simon creek to

N. N. 5 miles wide

17.20

Road bet. N. N. and S. E.

4000

Set temporary "4 Sec. Cor.

79.94

Intersect N. and S line

5 miles S. of the Gov't to

Secs. 28, 29, 32 and 33

Thence I run S. 890

52' N. on a true

line bet. Secs. 29 and

32 with same ca.

T. B. S. R. 31 E.

Chairs

3997 Deposited marked down
12 ins. in the ground for
114 Sec. Gov. dug pits
18x18x12 ins. E. and W. of
stone 5 1/2 ft. dist. and
raised a mound
of earth 1 1/2 ft. high 3 1/2 ft.
diameter over it.

On E. pit: drove stake
2 ft. long 2 ins. sq. 12 ins. in
the ground marked
4d. on N. face

7994 The Gov. to Secs. 29, 30, 31 and 32
Surface level
Soil 2nd. rate
Scattering greasewood brush

Nest on a random
line bet. Secs. 30 and 31
Var. 130° 28' E.

T. 15 S. R. 31 E.

Chains

- 1290 Road hrs. N. 40° S. E.
15.00 Southern Pacific R. R.
hrs. N. 75° 1/2 West S 75° 1/2 E.
15.50 Telegraph line hrs. N. 75° E.
44.40 ~~44.40~~ Substreet West. boundary
78.98 of the township 16 miles
S. of the Cor. to Sec.
25, 30, 31 and 34 which
was recently established
by me. Thence from
S. 89° 53' E. on a true
line to Sec. 30 and 31
with same as
38.98 Deposited marked
stone 12 ins. in the
ground for 44 Sec. Cor.
dug pit 18x18x12 ins.
E. and N. of stone 5 1/2
ft. dist. and raised
a mound of earth.

T. 13 S. R. 31 E.

Chairs

1 1/2 ft. high 2 1/2 ft. base
over it. In E. pit.
drive stake 2 ft. long 2 ins.
off. 1 ins. in the ground
marked "4 S. on St. face

78.95

See Cor. to Sec. 29, 30, 31 & 32

Surface level
Soil Ind. rate
Scattering green wood brush

North pt. Sec. 29 and 30

Na. 13° 28' E.

20.00

See Union creek 5 ft. 1/2
wide W. St. St.

40.00

Deposited marked stone
1 1/2 ins. in the ground
for "4 Sec. Cor. dug pit
18 x 18 x 12 ins. in St. and
S. of stone 5 1/2 ft. dist.
and raised a mound

T. 13 S. R. 31 E.

Chains,

4 earth 1 1/2 ft. high 3 1/2
ft. bare over it.

On N. put. drove
stake 2 ft. long 2 ins.
sq. 12 ins. in the ground
marked "4 S. on N. face
Road bet. N. N. and N.E.

74.00

80.00

Deposited marked stone
12 ins. in the ground
for Cor. to Sec. 19, 20,

29 and 30, dug pits
18 x 18 x 12 ins. in each
Sec. 5 1/2 ft. dist. and
raised a mound of
earth 2 ft. high, 4 1/2 ft.
bare over it. In

N.E. put. drove stake
2 ft. long 2 ins. sq. 12 ins.
in the ground marked
T. 13 S. V. 20 on N.E.

T₁₃ S. R. 31 E.

Chairs

R. 31 E. S. 29 on S.E.
 S. 30 on S. N. and
 S. 19 on S. N. faces,
 with 2 notches on S. and
 5 notches on E. edges.
 Surface level
 Soil 2nd. rate
 Scattering greenwood brush
good grass

East on a random
 line bet. Secs. 20 and 29
 Va. 13° 28' E.

40.00 Set temporary 1/4 Sec. Cor.
 79.90 Introduce N. and S. line
 34 links S. of the Cor.
 to Secs. 20, 21, 28 and
 29 Thence S. run S.
 89° 45' N. on a true line
 bet. Secs. 20 and 29 with

T. 13 S. R. 31 E.

Chains

- 39.95 with same on
 Deposited marked stone
 12 ins. in the ground
 for "4 Sec. Cor. dug into
 18 x 18 x 12 ins. E. and N.
 of stone 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 stake 2 ft.
 long 2 ins. sq. 12 ins.
 in the ground marked
 "4 S. and N. face
- 79.90 The Cor. to Secs. 19, 20, 29 and 30
 Surface level
 Soil Ind. rate
Scattering grasswood brush
 Nest on a random line
 bet. Secs. 19 and 30

T. 13 S. R. 31 E

Chains

- Na. $13^{\circ}28'E$.
- 2.00 Road thro. N. N. and S. E.
- 13.00 Saw Simon creek 5
mily wide Co. N. N.
- 4000 Set temporary "4 Sec. Cor.
- 78.74 Detract the N. boundary
of the township 10 miles
S. of the Cor. to
Secs. 19, 24, 25 and 30
which was recently established
by me. Thence I run
S. $89^{\circ}56'E$, on a true
line bet. Secs. 19 and 30
with 0 acre va.
- 38.74 Deposited marked stone
12 ins. in the ground for
"4 Sec. Cor. dug pit -
18 x 18 x 12 ins. E. and
N. of stone 5 $\frac{1}{2}$ ft.
dial. and raised a

S. 13 S. R. 31 E.

Chain

a mound of earth
 1 1/2 ft. high or flt.
 bare over it. See
 E. pit. above date
 2 ft. long 2 ins. or 2 ins.
 in the ground marked
 "4 S. on S. face
 The Cor. to Sec. 19, 20,
 29 and 30

Surface level
 Soil Ind. rate
 Scattering mesquite and
 greasewood about

North pt. Sec. 19 and 20
 Na-13° 28' E.

Deposited marked
 stone 12 ins. in the ground
 for "4 Sec. Cor. dug
 Feb- 18 x 18 x 12 ins.

4 0.00

T. 13 S. R. 31 E.

Chains

At and S. of stone 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 a S. E. direction drove stake 20 ft. long 2 ins. sq. 12 ins. in the ground marked 14 d. on N. face

8000

Deposited marked stone 12 ins. in the ground for E or. to Secs. 17, 18, 19, and 20 dug pits 18x15 x12 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 over it. In S. E. direction drove stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked

T. 13 S. R. 31 E.

Chains

T. 13 S. S. 17 on NE,
 R. 31 E. S. 20 on SE,
 S. 19 on S. N. and
 S. 18 on N. N. face.
 with 3 notches on S. and
 4 notches on E. edges.
 Survey line
 Sill end - note
 Scattering grass wood trunk
 Good grass

East on a random line
 bet. Dec. 17 and 20

4000 Set temporary 14 Dec. Sta. 13° 28' E.
 7992 Intersect - Pt. and S.
 18 links S. of the Cor.
 to Dec. 16, 17, 20, and 21.
 Thence I run S. 89°
 52' N. on a true line
 bet. Dec. 17 and 20

T. 13 S. R. 2 E.

Chains

with same ca.

- 3996 Deposited marked stone
12 ins. in the ground
for 4 sec. Bur. dug
into - 18x18x12 ins. E.
and N. of stone 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 stake
2 ft. long 2 ins. sq. ins.
in the ground marked
14 S. on N. face
- 7992 The loc. to Dec. 17, 18, 19820
Surface level
All Ind rate
Scattering green wood trunk
Good grass

T. 13 S. R. 31 E.

Chains

Went on a random line
bet. Secs. 18 and 19

Na. $13^{\circ} 28' E.$

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

62.00 Saw Sunon creek 5 links
wide S. of N.

78.70 Subtract the West.

boundary of the township
18 links S. of the
S. or to Sec. 13, 18, 19 and 24
which was recently established
by me. thence I run
S. $89^{\circ} 52' E.$ on a true
line bet. Secs. 18 and 19
with same as.

38.70

Deposited marked
stone 12 ins. in the
ground for $\frac{1}{4}$ Sec.
Cor. aug. sub-18x18x12
ins. E. and N. of stone

T. B. S. R. 31 E.

Chains

5 1/2 ft. diam. and raised
a mound of earth
1 1/2 ft. 3 1/2 ft. base
over it. I ft. E. feet,
drove stake 2 ft. long
2 ins. sq. 12 ins. in the
ground marked "4 S.
Iron St. face.

7870 The Cor. to Dec. 17, 18
19 and 20

Surface level
Soil 2nd. rate
Scattering greasewood
bush

North to Dec. 17 and 18
No. 13° 28' E.

7880

Deposited marked stone
12 ins. in the ground
for "4 Dec. dug pits

T. 13 S. R. 31 E.

Chains

18x18x12 ins. St. and
 S of stone 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 St. pit. drove stake
 2 ft. long 2 ins. sq. 12 ins.
 in the ground marked
 "4 S. on N. face

8000

Deposited marked
 stone 12 ins. in the ground
 for Cor. to Secs. 7, 8,
 17 and 18 dug pits
 18x18x12 ins. in each
 Sec. 5 $\frac{1}{2}$ ft. dist.
 and raised a mound
 of earth 2 ft. high 4 $\frac{1}{2}$
 base over it. In St.
 pit. drove stake 2 ft.
 long 2 ins. sq. 12 ins. in

T. 13 S. R. 31 E.

Chains

the ground marked
 T. 13 S. S. 8 on N. E.
 R. 31 E. S. 17 on S. E.
 S. 18 on S. N. and
 S. 7 on N. N. face.
 with 4 notches on S. and
 5 notches on E. edges.
 Sur face level
 Soil Ind. rate
Scattering brush

East on a random
 line bet. Secs 8 and 17
 N. $130^{\circ} 28' E$

40.00 Set temporary 1/4 Sec. Cor.
 79.95 Intersect \sim T. and S.
 line 14 miles S. of
 the Cor. to Sec. 8, 9,
 16 and 17 Thence S. run
 S. $89^{\circ} 54' N$. on a true

T. 13 S. R. 31 E.

Chains

line bet. Secs. 5^{and} 17
with same va.

3999 Deposited marked stone
12 ins. in the ground
for "4 Sec. Cor. dug pits
18x18x12 ins. E. and N.
of stone 5 $\frac{1}{2}$ ft. dia. and
raised a mound of
earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$
ft. base over it. In
E. pit, drove stake 2 ft.
long 2 ins. sq. 12 ins. in
the ground marked
"4 S. on N. face

"7998 The Cor. to Secs. 7, 8, 17 and 18
Surface level
Soil 2 ud. red
Scattering greasewood
bush

T. 13 S. R. 91 E.

Chains

Met on a random line
bet. Sec. 7 and 18
Pa. 13028⁰⁰

4000

Set temporary "4 Sec. Cor.
Road to S. of N. and S. E.

75.14

Intersect Met. boundary
of the township 27 links
S. of the Cor. to Sec.
7, 12, 13 and 18 which

78.76

was recently established
by one. Thence I run
Pa. 89048⁰⁰ E. on a
true line bet. Sec.
7 and 18 with - same va.

38.76

Deposited marked stone
12 ins. in the ground
for "4 Sec. Cor. dug
pits 18 x 18 x 12 ins. E.
and N. of stone 5 1/2 ft.
dist and raised

T. 13 S. R. 31 E.

Chains

a mound of earth -
 1 $\frac{1}{2}$ ft. high) 3 $\frac{1}{2}$ ft.
 dug over it. Sec. E.
 put. drove stake 2 ft.
 long 2 ins. sq. 12 ins. in
 the ground marked "4 S.
 out of face

7876 The Cor. to Secs. 7, 8, 17, 18
 Surface level
 Soil gradually ind. rate
Scattering greenwood brush

North wt. Secs. 7 and 8

Va. 13° 28' E.

4000 Deposited marked stone
 12 ins. in the ground for
 "4 Sec. Cor. dug pits
 18 x 18 x 12 ins. N. and S.
 of stone 5 $\frac{1}{2}$ ft. dist. and
 raised a mound

T. 13 S. R. 31 E

Chains

of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base over it.

In N. pit. drove stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked 48 on N. face.

50.00

Deposited marked stone 12 ins. in the ground for Cor. to Sec. 5, 6, 7 and 8 dug pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dit. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base over it. In S.E. pit. drove stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked

T. 13 S. R. 31 E. S. 5 on N.E.
R. 31 E. S. 8 on S.E.

T. 13 S. R. 91 E.

Chains

S. 7 on S. N. and
S. 10 on N. N. face, with
5 notches on S. and E. edge.

Surface level
Soil 2nd. rate gravelly
Scattering grasswood and
mesquite brush

East on a random line
bet. Secs. 5 and 8

N. $130^{\circ} 28' E$

4 0.00 Set temporary 1/4 Sec. 7 or
7994 Intersect. N. and S. line

17 links N. of the Cor.
to Secs. 4, 5, 8 and 9

Thence find run N.

$89^{\circ} 53' N.$ on a true
line bet. Secs. 5 and 8
with same or

39.97

Deposited marked

T. 13 S. R. 31 E.

Chains

stone 12 ins. in the ground
for 114 Sec. Cor. dug
pit 18 x 18 x 12 ins.
E. and N. of stone
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 stake
2 ft. long 2 ins. sq. 12 ins.
in the ground marked
"4 S. on N. face

7994

The Cor. to Sec. 5, 6, 7, 8.

Surface level

Soil gravelly 2nd. rate
Scattered green wood trash

Met on a random line
bet. Sec. 6 and 7
Ta. 13° 28' C.

T. 13 S. R. 21 E.

Chains

- 4000 Set temporary 14 Sec. 6 cor.
 75.77 Intersect the N. boundary
 of the township 20 links
 S. of the Cor. to Secs.
 1, 6, 7 and 12 which was
 recently established by me
 Thence I run S. 89
 51' E. on a true line
 bet. Secs. 6 and 7 with
 same va.
- 38.77 Deposited marked stone
 12 ins in the ground
 for 14 Sec. Cor. dug
 pits 18x18x12 ins. N. E.
 and N. of stone 5 1/2 ft.
 dist. and raised a
 mound of earth 1 1/2
 ft. high 3 1/2 ft. base
 over it. In C. bet.
 drove stake 2 ft. long

T. 13 S. R. 31 E.

Chains

2 ins. sq. 12 ins. in the
ground marked "4 S.
on N. face

78.77

The cor. to Secs. 5, 6, 7 and 8
Sugar level
Soil Ind. rate
Scattering grass wood brush

North on a random
line bet. Secs. 5 and 6
Na. $10^{\circ} 28' E.$

40.00

8004

Set temporary "4 Sec. Cor.
Intersect - N. boundary
of township 14 links
E. of the cor. to Secs.
5, 6, 31 and 32 which
was recently established
by me. Then a run
S. $0^{\circ} 6' E.$ on a true
line bet. Secs. 5 and 6

T. 13 S. R. 31 E.

Chains

with - same va.
 4 0.04 Deposited marked stone
 12 ins. in the ground
 for "4 Sec. Cor. dug pits
 18x18x12 ins. N. S. and S.
 of stone 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.
 On N. pit drove stake
 2 ft. long 2 ins. sq. 12 ins.
 in the ground marked
 "4 S. on N. face

8 0.04 The Cor. to Secs. 5, 6, 7 & 8
 Survey level
 Soil 2nd rate.
 Scattering greasewood bush

I carefully examined
 the adjustments

J. 13 S. R. 31 E.

of my Solar Compass
to-day particularly
the latitude and morning
apparatus and found them
correct.

T. 13 S. R. 21 E.
 General Description

The Surface of this
 township is level
 except the S. half of
 the eastern boundary
 The soil is fat and sub. rate
 It is covered with
 greasewood and mesquite
 brush

The Southern Pacific
 R. R. and San. Union
 creek cross the S. N.
 corner.

For Final Details
 see Book -

U. S. Surveyor General's Office,
Tucson, Arizona, April 30, 1883

The foregoing Field Notes of the survey of the
Subdivision lines of
Township 13 South
Range 31 East

of the Gila and Salt River Base and Meridian, Arizona,
executed by R. C. Parsons,
D. S., under his contract of the 27th day of
February, 1883, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

J. W. Robinson
Surveyor General.