

328

BOOK 328

328

F I E L D N O T E S

OF THE SURVEY OF THE

SUBDIVISION LINES

OF BOOK 328

Township 19 North, Range 23 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Henry Meyrick, Jr., D.S., under
Contract dated July 24, 1882.

Survey commenced November 9, 1882
Survey completed November 11, 1882

INDEX DIAGRAM.

Township 19 N.

Range R. 23 E.

6	91	5	60	4	49	3	32	2	10	1
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Gila and Salt River, Arizona.

ARIZONA.

10
No-328

13
T. 19 N. R. 23 E.

J. J. R. M.

BOOK 328

For preliminary notes see Book 1

Survey commenced Nov. 9
1882 with a Burt's improv-
ed Solar Compass newly
new and in 1st. rate
order made by Otto Fennell
of Cassell Germany. 1881,
and was adjusted by
an instrument which
was corrected on the
true meridian at
Tucson in May 1882
and found to be in
perfect order, and was
further tested by re-
versing

T. 19 N. R. 23 O. G. S. R. M.

chains From the Cor. to Secs. 1, 2,
35 and 30 on the South-
Boundary, ^{of the (recently established by me)} ~~Q. run,~~
North of Secs. 25 and 30
No. 13' 5" - 5' O.

4 0.00
To ending gradually
Set a 10 Substone 13x10x8
ins. 8 ins. in the
ground for 1/4 Sec.
Cor. marked 1/4 on N.
face; dug pits - 15x18x12
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
alongside

5 0.00
Set a 10 sub stone 18x12x4 ins
12 ins. in the ground
for Cor. to Secs. 25,
20, 35 and 30 marked

T. 19 N. R. 23 E. G. S. R. M.

Chairs with 1 notch on S. and
 E. edges; dug pits - 18x18x
 12 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 rolling
 Soil sandy
Good grazing

East on a random line
 bet. Secs. 25 and 30
 Va. 13° 55' E.

Ascending gradually

40.00 Top of hill bet. T. N. and
 S. and descend gradually

40.00 Set temporary 1/4 Sec. Cor.

80.08 Intersect E. boundary of T.
 13 links S. of Cor. to 25.
 30. 31 and 34 which was

T. 19 N. R. 23 E. G. S. R. M.

- Chains recently established by me.
 Thence I run S. 89° 54' W.
 on a true line bet.
 Secs. 20 and 30
 with same ca.
- 40.04 Set a sandstone 12 x 10 x 6
 ins. 8 ins. in the ground
 for 44 Sec. Cor. marked
 44 on N. face; dug
 pits 18 x 18 x 12 ins. E.
 and W. of stone 3/4 ft. dist.
 and raised a mound
 of earth 1 1/2 ft. high 3 1/2 ft.
 base along side.
- 81.08 Cor. to Secs. 20, 26, 30 and 36
 Surface rolling
 Soil sandy 3rd. rate
 Good grasping
- North bet. Secs. 20 and 24

T. 19 N. R. 23 E. G. S. R. M.

Chairs

N. $13^{\circ}55' E.$

- 11.00 As ending gradually
Top of hill turns N. N.
and S. E. and descend gradually
- 40.00 Set a sandstone $14 \times 10 \times 6$ ins.
9 ins. in the ground for $\frac{1}{4}$
Sec. Cor. marked $\frac{1}{4}$ 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 alongside
- 52.00 Set 3.00 lbs. wide Co. N
and ascend gradually
- 57.68 Old over land stage road
turns N. $83^{\circ} E$ and S. $83^{\circ} W.$
- 80.00 Set a sandstone $18 \times 12 \times 10$ ins.
12 ins. in the ground for
Cor. to Secs. 23, 24, 26 and
28, marked with 2

T. 19 N. R. 23 E. Q. S. Q. M.

Chains notches on S. and 1 on Q.
 edges; dug pits 18x18x12
 ins. in each Sec. 5 1/2 ft.
 dist. and raised a mound
 of earth 2 ft high 4 1/2 ft.
 base along side.
 Surface rolling
 Soil sandy 3rd. rate
 Good grazing

Q set on a random line
 bet. Secs. 24 and 25
 Var. 18° 55' Q.

Descending gradually
 along S. E. slope

1850 Point of low spur bears N. & S.
 4000 Set temporary 1/4 Sec. Cor.
 4175 Ravine Co. S. W. 20 links wide
 and ascend gradually
 4250 Old overland stage

G. S. R. M. T. 1901. R. 23 &

- Chavis road bears N. 8. and S. W.
 7994 I intersect C. boundary of T.
 17 miles north of Cor. to
 Secs. 19, 24, 25 and 30
 which was recently estab-
 lished by me. Thence I run
 N. 89' 53' W. on a true line
 bet. Secs 24 and 25 with same
 3997 Set a \odot and stone 13x10x4 ins
 8 ins. in the ground for
 1/4 Sec. Cor. marked 1/4
 on N. face. dug pits
 18x18x12 ins. C. 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 alongside
 7994 Cor. to Secs. 23, 24, 25 & 26
 Surface rolling
 Soil sandy 3rd. rate

T. 19 N. R. 23 E. G. S. Q. M.

Chains Good grasping

North bet. Secs. 23 and 24
 Va. 18° 55' E.

- 3.00 Descending
 Top of hill bears N.E. and S.W.
 and descend over rough surface
- 39.00 Top of high spur 100 ft. above Sec. Cor.
- 40.00 Set a lava rock 12 x 9 x 6 ins.
 5 ins. in the ground for 1/4
 Sec. Cor. marked "4" on
 N. face and raised a
 mound of stone along side
 and descend abruptly
- 50.00 Enter valley
- 65.00 Enter Carrig's creek to S.W.
- 80.00 Cross in creek bed.
- 81.00 Set a sandstone 18 x 12 x 9 ins.
 12 ins. in the ground for
 N. W. Cor. to Secs. 13, 14, 23 and

T. 19 N. R. 23 E. G. S. R. M.

Chains

24 marked N.E. and with
3 notches on S. and 1 on E.
edges; dug pits 18x18x12
ins. N.E., S.E., S.W. and
N.W. of stone 5 1/2 ft. dist.
and raised a mound of
earth 2 ft. high 4 1/2 ft.
long along side.

Surface rolling
Soil sandy 2nd. rate -
Good grazing

Cast on a random line
bet. Secs. 13 and 24
N. 13° 55' E.
Over creek bed.

14.30
40.00
80.60

Leave creek bed Co. S.W.
Subtract ^{Set temporary 1/4 Sec. corner} E. boundary of T.
20 miles N. of Co. to
Secs. 13, 14, 23 and 24

T 19 N. Q. 23 E. G. S. R. M.

Chains which was recently established by me. Thence I run N. $89^{\circ}51'W.$ on a true line bet. Secs. 13 and 24 with same str.

4005 Set a sandstone $10 \times 10 \times 6$ ins 11 ins. in the ground for 14 Sec. Cor. marked 14 on N. face dug pits $18 \times 18 \times 12$ 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 along side.

8010 Cor. to Secs. 13, 14, 23 and 24
 Surface rolling
 Soil sandy 2nd. red-
Good grazing

Notes bet. Secs. 13 and 14

T. 19 N. R. 23 E. G. S. R. M.

- | Chains | Course | No. 1355' C. |
|--------|---|--------------|
| | Over valley | |
| 38.00 | Foot of rocky bluff bears S. E. and N. W. and ascend | |
| 49.00 | Top of bluff bears N. E. W. and S. E. and set a sandstone 14 x 10 x 6 ins. 9 ins. in the ground for 14 Sec. Cor. marked 14 on N. face, was and raised a mound of stone alongside and descend over bad lands | |
| 80.00 | Set a sandstone 18 x 12 x 4 ins. 12 ins. in the ground for Cor. to Secs. 11, 12, 13, and 14 marked with 4 notches on S. and 1 on E. edges. dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth - 2 ft. high 4 1/2 ft. | |

T. 19 N. R. 23 E. G. S. R. M.

Chains base along side
 Surface rolling
 Soil sandy 2nd. rate
 Good grazing

Cast on a random line bet.
 Secs. 12 and 18
 Va. 18° 55' E.

Over bad land

20.00 Leave bad land and enter
 Carrig's creek Co. S.

36.00 Leave creek and over prairie

40.00 Sit temporary 1/4 Sec. Cor.

56.6 Intersect Co. boundary of T.
 13 links S. of Cor. to Secs.
 7, 12, 13 and 18 which was
 recently established by me
 Thence I run S. 89° 54' W. on
 a true line bet. Secs.
 12 and 18 within same or.

T. 9 N. R. 23 E. G. S. P. M.

Chains

40.05

Set a sandstone 10x10x0
 ins. pins in the ground for
 14 Sec. Cor. marked. 1/4
 on N. face dug pits 15x
 18x12 ins. E. and N. of
 stone 5 1/2 ft. dist. and
 raised a mound of earth
 1/2 ft. high 3 1/2 ft. base
 alongside

80.10

Cor. to Secs. 11, 12, 13 and 14
 Surface rolling and rough
 Soil sandy
Good grazing

North bet. Secs. 11 and 12
 Va. 18° 55' E

Over bad lands

40.00

Set a lava rock 14x6x6 ins
 pins in the ground for.

T. 19 N. R. 23 Q. G. S. R. M.

- Chains 14 Sec. Cor marked 14 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. base along side
- 57000 Foot of bluff bears Q. and N. and as usual abruptly.
- 5800 Top of same and as usual.
- 6850 Eyer flat bears Q. and N.
- 8000 Set a black sandstone 18x12x3 ins. 12 ins. in the ground for Cor. to Secs. 1, 2, 11 and 12 marked with 5 notches on S. and 1 on Q. edges, dug pits 18x18x12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base along side Surface rolling and rough

T. 19 N. R. 23 E. G. S. R. M.

Chas. Soil 2nd. red
Good grazing

Cast on a random line
bet. Secs. 1 and 12
O Val 13' 55" E

Over flat

40.00
61.00
80.12

Set temporary 1/4 Sec. Cor.
Enter west Co. S. M.

I intersect O. boundary of T.
14 miles N. of Cor. to Secs.
1, 6, 7 and 12 which was re-
cently established by me.

Thence I run N. 89° 54' W.
on a true line, with same on

40.50

Set a sandstone 18x12x10 ins
12 ins in the ground for
1/4 Sec. Cor. marked 1/4 on
N. face; dug pits 18x18
1/2 ins. E. and W. of stone

T. 19 N. R. 23 E. G. S. Q. M.

Chains 5 1/2 dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side

80.12 Cor. to Secs. 1, 2, 11 and 12
 Surface rolling,
 Soil 3rd. rate
Good grazing

North on a random line bet. Secs. 1 and 2
 Va. 13' 55" E.

40.00
 80.14 Over flat
 Set temporary 1/4 Sec. Cor. I ultered N. boundary of T. 13 lines N. of Cor. to Secs. 1, 2, 35 and 36 which was recently established by me. Thence I run S 0° E. N. on a true line bet. Secs. 1 and 2 with same va.

J. 19 N. R. 23 E. J. S. R. M.

Chenio

414

Set a sandstone 17x12x10 ins
11 ins. in the ground for
1/4 Sec. Cor. marked 1/4 on
N. face; and raised a

8014

mound of stone alongside
Cor. to Sec. 1, 2, 11 and 12
Surface rolling and flat.
S. 1/2 3rd. rate

Good grazing

I carefully examined
my Solar Compass to-day
particularly the latitude and
reversing apparatus and
found them correct
Nov. 9th 1882

T. 19 N. R. 23 E. G. S. & M.

Chains

From the Cor. 15 Sec. 2, 3,
34 and 35 on South boundary
of Township which was
recently established, by me
I run North bet Secs. 34 & 35
On $13^{\circ}55'E$

40.00

Ascending gradually
Set a sandstone $14 \times 10 \times 4$ ins
9 ins. in the ground for $\frac{1}{4}$
Sec. Cor. marked "4" on N.
face: dug pits, $18 \times 18 \times 12$ ins.
E. 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 side

55.00

Top of hill bears O. and N.
and over high table land

80.00

Set a sandstone $20 \times 10 \times 8$
ins. 15 ins. in the ground

T. 19 N. R. 23 E. G. S. Q. M.

Chains for Cor. to Secs 26, 27, 34
and 35 marked with 1
notch on S. and 2 on
E. edges; dug pits 18x18x12
ins. in each Sec. 5 1/2
ft. dist. and raised a
mound of earth 2 ft. high
4 1/2 ft. base along side
Surface rolling
Soil sandy
Good grazing

Cast on a random line
bet. Secs 26 and 35

Na. 13° 55' E.

- 2.00 Leave table land bears
N. and S. and descend
10.50 Prairie 200 Chains wide E.
N. and ascend
40.00 Set temporary 1/4 Sec. Cor.

19
 J. 19 N. R. 23 Q. g. S. R. M.

Chain

44.00 Top of hill bears N. and S.
 and descend -

80.08 I intersect N. and S. line
 13 miles north of Porto
 Secs. 25, 26, 35 and 36
 Thence I run N. 89° 54' E. W
 on a true line bet.

40.04 Secs. 26 and 35 with same or.
 Set a sandstone 12 x 18 x 8
 ins. 8 ins. in the ground
 for 1/4 Sec. Cor. marked
 1/4 on N. face; dug pits
 18 x 18 x 12 ins. E. and W.
 of stone 5 1/2 ft. dist.

80.08 and raised a mound
 of earth 1 1/2 ft. high
 3 1/2 ft. base alongside
 Porto Secs. 26, 27, 34 and 35
 Surface rolling

T. 19 N. R. 23 E. J. S. P. M.

Chains Soil Ind. rate

Good grazing

North bet. Secs. 26 and 27
No. 13' 00" E.

Over hilly country

7.00

Leave table land & bear

N. W. and S. E. and descend
gradually

21.00

Ravine 25 links wide Co. N.

27.98

Overland stage road bears
E. and N.

49.00

Set a sandstone 10x10x4 ins
9 ins. in the ground for
1/4 Sec. Cor. marked 1/4
on N. face; dug pits 18x
18x12 ins. N. and S. of stone
6 1/2 ft. dist. and raised
a mound of earth 1 1/2 ft.
high 3 1/2 ft. base about grade

J. 19 N. Q. 23 C. g. S. Q M.

Chains

8000

Set a sandstone $40 \times 24 \times 4$
 ins. 30 ins. in the ground
 for Co. to Sec. 22, 23, 20
 and 27 marked with
 2 notches on S. and E.
 edges. dug pits $18 \times 18 \times 12$
 ins. for each Sec. $6\frac{1}{2}$ ft.
 dist. and raised a
 mound of earth 2 ft.
 high $4\frac{1}{2}$ ft. base
 along side
 Surface hilly and rolled
 Soil 3rd rate
 Good grazing

East on a random line bet.
 Sec. 23 and 24

(No. 1355 C.)

foot of bluff to N. and

T. 19 N. R. 23 E. G. S. R. M.

- Chains S. and ascend
 520 Top of same and descend gradually
 3000 Sag bears N. and S. and ascend
 over rough surface
 4000 Set temporary 14 Sec. Cor.
 7700 Top of hill bears N.E. and
 S.W. and descend
 8012 Intersect N. and S. line
 10 links S. of Cor. to Secs
 23, 24, 25 and 26 Thence
 I run S. 89° 54' W. on a
 true line bet. Secs 23
 and 26 with same or.
 4000 Set a sandstone 14x11x4 ins.
 9 ins. in the ground for
 14 Sec. Cor. marked 14 on
 N. face, dug pit 18x18x12
 ins. E. and W. of stone
 5½ ft. dist. and raised
 a mound of earth 1½ ft.

T. 19 N. R. 23 E. G. S. R. M.

Chains
8012

high 3 1/2 ft. base along side
Cor. to Secs. 22, 23, 26 and 27
Surface rolling and rough
Soil good, rate
Good grazing

North-tit. Sec. 22 Aug 23
Va. 13° 55' E.

19.00
28.00
40.00

Over rolling prairie
Edge of bluff bears E. and N.
and descend
Foot of bluff bears E. and N.
Set a No and stone 18x12x4 ins
12 ins. in the ground for 1/4 Sec.
Cor marked 1/4 on N. face;
dug pit - 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 along side

T. 19th. R. 23 Co. J. S. R. M.

Chains

49.10

61.00

80.00

Outer wash Co. J. M.

Leave same

Set a roundstone 18x12x9 ins
12 ins. in the ground for
Cor. to Sec. 14, 16, 22 and 23
marked with 3 notches on S.
and 2 on E. edges; dug pits 18x18
x12 ins. in each Sec. 5/2
ft. dist. and raised a mound
of earth 2 ft. high 4 1/2 ft.
base along side

Surface rolling

Soil Sand with rate

Good of rag wey

~~Cast on a random line bet.~~

Sec. 14 and 23

Var. 13° 55' Co

Over flat

J. 19 St. R23 O. J.D.R.W.

Chains

- 500 Foot of low bluff to N. and S.
- 800 Top of same
- 1500 Outer flat-lands N. N. and S. O.
- 4000 Set temporary 1/4 Sec. Cor.
- 4630 Wash Co. S.C. 300 Chains wide
- 5750 Outer Carrigo Creek
- 80.14 I intersect N. and S. line 158
links South of N.O. Cor. to Secs
13, 14, 23 and 24 Thence I run
S. 89° 57' W. on a true line
bet. Secs. 14 and 23 with
same or.
- 40.07 Set a sandstone 12x12x8 ins
pins in the ground for 1/4
Sec. Cor. marked 1/4 on
N. face, dug pits 18x18x12
ins. S. and N. of stone 5 1/2
ft. dist. and raised a
mound of earth 1 1/2

T 19 N. R. 23 Q. G. S. R. M.

Churis
 8014 ft. high 3 1/2 ft. base along side
 Cor. to Sec. 14, 15, 22 and 23
 Surface rolling
 Soil 3rd. rate
 Good grazing

North - bet. Sec. 14 and 10 -
 Corner Sta. Va. 13° 55' E.

860 Over flat, ascend
 Top of rocky spur bears E 5 N,
 Thence over rocky flat.

4000 Set a sandstone 13 x 8 x 6 ins.
 5 ins. in the ground for 1/4
 Sec. Cor. marked 14 on N.
 face; and raised a mound
 of stone along side

4200 Foot of spur, and ascend
 4700 Top of same bears
 E and N. and over
 rough surface slopes E.

T. 19 N. R. 20 E. G. S. R. M.

Chains Broken into innumerable low
Spurs and gulches, soil having
been washed away -

80.00

Set a lava rock 13 x 12 x 9 ins.
5 ins. in the ground for Cor.
to Secs. 10, 11, 14 and 15
marked with 4 n of this on
S. and 2 on E. edges. dug
and raised a mound of
stone alongside covered with earth.
On top of low spur br. E. and W.

Surface rolling

Soil 2nd rate

Good grazing

Post on a random line
bet. Secs. 11 and 14

Na. 13° 55' E.

Over bad lands

24.00

Leave bad lands and over

J. 1901. R. 230. G. S. R. M.

Chains ^{sandy} flat

32.00 Cross wash 250 links wide
by S. O.

40.00
48.00
79.90

Set. ^{center} ^{rod} ^{by} ^{N. and} ^{S.} ^{line} ¹⁵
links north of Cor. 15 - Secs.
11, 12, 13 and 14 Thence I run
N. 89° 54' W. on a true line
bet. Secs. 11 and 14 with
same on.

39.95-

Set a lava rock 9x9x7 ins
brine in the ground for 1/4
Sec. Cor. marked 14 on
N. face dug pit 18x18x12
ins. O. 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 along side
Cor. to Secs. 10, 11, 14 and 15
Surface rolling

79.90

J. 19 St. 9. 23 C. J. S. P. M.

Chains and rough
Soil 3 rd. rate -
Good grazing -

North Mt. Secs. 10 and 11
Va. 13° 55' E.

Over bad lands as usual

19.00 Top of spur bears E. and W.
and descends

23 1/2 Cross wash 20 links wide
E. E. set. and as usual

40.00 Set a lava stone 16x10x5
ins. 11 ins. in the ground
for 44 Sec. Cor. marked 4
on N. face; dug pits 18x18
x12 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 alongside
42.10 Top of spur to E. and W.

T. 19 N. R. 23 E. G. S. R. M.

Chains - and record

6700 Cross gulch 15 links wide
Gr. C. and record

8000 Top of spur bears C. and N.
and Sita lava stone 18 x
9 x 3 ins. 12 ins. in the ground
for Cor. to Secs. 2, 3, 8 and 11
marked with 4 notches on
S. and 2 on C. edges dug
pit 18 x 18 x 12 ins. in each
Sec. 5 1/2 ft. dia. and raised
a mound of earth 2 ft.
high 4 1/2 ft. tall alongside
Surface rolling and lumpy
Soil 3rd. rate
Good grazing

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

N. 1/2 3' 5' 5' E.

T. 19 N. R. 23 Q. G. S. R. M.

- Chains Over bad lands
- 2200 Leave bad lands and enter flat
- 2890 Cross wash 250 huts wide
Co. S Q.
- 4000 Set temp 1/4 Sec. Cor.
- 51.12 Intersect N. and S. line
17 huts S. of Cor. to Secs. 10,
11 and 12 Thence I run
S. 89° 53' W. on a true line
bet. Secs 2 and 11
with same ran.
- 40.00 Set a sandstone 12x10x6 ins
8 ins. in the ground for 1/4
Sec. Cor. marked 14 on
N. face; 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. base along side
- 80.12 Cor. to Secs 2, 3, 10 and 11

T. 19 N. R. 23 E. G. S. & M.

Chains Surf all rolling
 Soil 3rd. rate
Good grazing

North on a true line
 bet. Secs. 2 and 3, =

Pa. $13^{\circ} 55' E.$

Over bad lands

15.00 Outer flat bears S. E. and N. W.
 26.00 Cross wash 300 links wide
 G. S. E.

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

50.00 Outer bad lands to E. and N.

80.08 I witness N. boundary
 of T. 9 links E. of Cor.
 to Secs. 2, 3, 34 and 35
 which was recently estab-
 lished by me. Thence I run
 $S. 0^{\circ} 4' E.$ on a true line
 bet. Secs. 2 and 3

J. 19 St. R. 230. G. S. R. M.

Chains with same on,
 4008 Set a lava rock, 2x2x6 ins
 5 ins. in the ground for 4 Sec.
 Cor. marked 14 on N. face
 dug pit - 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
 alongside

8008 Cor. to Secs. 2, 3, 10 and 11
 Surface broken and rolling
 Soil 3rd. rate -
Good grazing

I carefully examined my Solar
 Compass to-day particular-
 ly the latitude and
 revolving apparatus and
 found them correct
 Nov. 9th, 1852

J. 19 N. R. 23 Q. 1. S. R. M.

Chains

Set ~~up~~ ~~the~~ ~~Sec. 33~~
 Sec. 33 and 34 on the S.
 boundary ^{of 2nd} which was re-
 cently established by me
 I run North bet.
 Secs 33 and 34

Na. 13° 55' E

Ascending gradually

3925

Top of rocky spur bears
 E. and W. and descend

4000

Set a sandstone 20 x 10 x 8 ins
 15 ins. in the ground for
 14 Sec. Cor. marked 14
 on N. face dug pit
 18 x 18 x 12 ins. N. and S.
 of stone 5 1/2 ft. diam. and
 raised a mound of earth
 14 1/2 ft. high 3 1/2 ft. base
 along side

T. 19 N. R. 23 Q. 9. S. R. M.

Chains

- 4680 Center Carrigo wash Co., S. W.
 5930 Leave same and over flat.
 7630 Old overland stage road to
 N. E. and S. W.
 8000 Set a sandstone 40 x 12 x 10 ins.
 30 ins. in the ground for
 Cor. to Secs. 27, 28, 33 and 34
 marked with 1 on S. and 3 on E. edges; dig
 pits 18 x 18 x 12 ins. in each
 Sec. 5 1/2 ft. dist. and raised
 a mound of earth
 2 ft. high 4 1/2 ft. base
 alongside
 Surface rolling and lumpy
 Soil 3 rd. rate sandy
 Good grazing

East on a random line

T. 19 N. R. 23 E. G. S. R. M.

- Chains bet. Secs. 27 and 34
 Va. 13° 55' 0"
- Over flat
- 8,34 Old overland stage road
 fro. N.E. and S.W.
- 17,80 Enter Carrizo wash Co. S.W.
- 24,75 Leave same and enter
 broken country
- 4000 Set temporary 1/4 Sec. Cor.
- ~~745.00~~ Top of bluff bet. N.E. and
 S.W. and over table land
- 7992 I intersect N. and S. lines, Thence
 S. of Cor. to Secs. 20, 27, 34
 and 35 Thence I run S.
 89° 57' N. on a true line
 bet. Secs. 27 and 34
 with - same va.
- 3996 Set a sandstone 20 x 16 x 8 ins.
 18-ins. in the ground for
 1/4 Sec. Cor. marked 1/4

T. 19 N. R. 28 E. G. S. R. M.

Chains on N. face, sand & gravel
 10' mound of stone
 alongside covered with soil
 7992 Cor. to Sec. 27, 28, 33 and 34
 Surface rolling and hilly
 Soil 3rd. rate
Good grazing

North bet. Sec. 27 and 28,
 Va. 13° 55' E.

2,00 Leave flat to E. and W.
 and ascend steep bluff
 4,25 Top of bluff to E. and W.
 and over high table land
 4000 Set a sandstone 10x10x8 ins.
 11 ins. in the ground for
 1/4 Sec. Cor. marked 1/4
 on N. face: and raised
 a mound of stone
 alongside covered with soil

T. 19 N. R. 23 E. G. S. P. M.

Chains

74.00

Edge of bluff bet. E. and N.
and descend over rough country

80.00

Set a stone 16 x 12 x 8 ins.
11 ins. in the ground for Cor.

to Secs. 21, 22, 27 and 28
marked with 2 notches on
S. and 3 on E. sides, and

raised a mound of stone
along side pits impracticable

Surface tillly

Soil 3rd. rate

Good grazing

East on a random line
bet. Sec. 22 and 27

N. 13° 5' E.

Over broken surface

14.00

Top of rocky spur bet. N. N.
and S. E. and descend

J. 19 N. R. 23 E. g. S. P. M.

Chains

- 21.00 dry wash 1.10 links wide Co.
S. E. and ascend
- 39.00 Top of bluff br. N. and S.
- 40.00 Set temporary 1/4 Sec. Cor.
- 42.00 From this point John Buller's
residence bears S. 2 1/2 E. 40
Chains dist. on banks of Carrizo
creek.
- 52.00 Edge of bluff br. N. and S.
and descend
- 56.00 Enter Carrizo wash Co. S.
- 63.70 Leave same
- 80.12 Entered N. and S. line
12 links S. of Cor. to Secs.
22, 23, 26 and 27 thence I
run S. 89° 55' W. on a true
line bet. Secs. 22 and 27
with same va.
- 45.00 Set a sandstone 20 x 10

T. 19 N. R. 23 E. G. S. R. M.

Chains

x 4 ins. 15 ins. in the ground
for 1/4 Sec. Cor. marked 1/4
on N. face and raised a
mound of stone along side ^{into impracticable}

8012

Cor. to Secs. 21, 22, 27 and 28
Surface rolling
Soil 3rd. rate
Good grazing

North-tt. Secs. 21 and 22
Na. 13° 55' O.

Over rough broken rocky
surface low bluffs sloping
East.

4000

Set a sandstone 20x14x4 ins.
15-ins. in the ground
for 1/4 Sec. Cor. marked
1/4 on N. face; and rais-
ed a mound of stone
along side ^{into impracticable}

T. 19 N. R. 23 E. G. S. R. M.

Chains

57.00

Top of bluff br. E. and N.
Thence over rocky flat.

75.00

Cross wash 30 links wide
E. S. E.

\$0.00

Set a sandstone 20x10x11 ins
15 ins. in the ground for
Cor. to Secs. 15, 16, 21 and 22
marked with 3 notches on
S and E. edges; and
raised a mound of
stone alongside pits impracticable
Surface rough
Soil 3rd. and 4 rate
Good grazing

Cast on a random
line bet. Secs. 15 and 22

Na. 13° 55' E,

Over rocky flat

T. 19 N. R. 23 E. G. S. R. M.

Chains

- 3.00 Foot of spur
- 7.00 Top of same brs. N. and S.
and descend
- 10.00 Enter prairie loose sandy soil
- 36.00 Top of bluff brs. N. W. and S. E.
and descend
- 39.00 Cross gulch 50 links wide Co. S. E.
- 40.00 Set temporary 1/4 Sec. Cor.
and ascend bluff
- 50.00 Top of bluff brs. N. W. and S. E.
and descend
- 56.00 Enter flat brs. N. and S.
- 67.00 Cross wash 40 links wide
Co. S. E.
- 80.14 I returned N. and S. line
14 links S. of Cor. to Secs.
14, 15, 22 and 23 Thence
I run S. 89° 54' W. on a
true line bet. Secs.

T. 19 N. R. 23 E. G. S. R. M.

Chains

40,07

15 and 22 with 0 and 0a.
 Rock in place 8 ft. sq. above
 ground ~~marked~~ I marked
 1/4 on N. face and a (X)
 cross at exact cor. point
 and raised a mound of
 stone along side. Pits
 impracticable

8064

Cor. to Secs. 15, 16, 21 and 22
 Surface broken
 Soil 3rd. rate²
 Good grazing

North bet. Secs. 15 and 16

Na. 13' 55" E.

1000

Over rocky flat
 Enter bad lands

40,00

Set a sandstone 80x1x9
 ins. 27 ins. in the
 ground for 44 Sec.

T. 19 N. R. 23 E. J. S. R. M.

Chains	Cor. marked $1/4$ on N. face and raised a mound of stone alongside pits impracticable
43.00	Top of bluff bears N. E. and S. W. and descend Over rolling prairie
57.00	Enter bad lands bear O. and N.
66.00	Top of spur bears E. and N.
#	and descend
89.00	Set a sandstone $10 \times 11 \times 13$ ins. 11 ins. in the ground for Cor. to Secs. 9, 10, 15 and $1/4$ marked with 4 notches on S. and 3 on O. edges dug pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. face alongside Surface broken

T. 19 N. R. 23 E. q. S. R. M.

- Chains Soil 3rd. and 4th. rate
Grazing poor
- East on a random line
 bet. Secs. 10 and 15
 Va. $13^{\circ} 55' E$
- Over bad lands
- 15.00 Top of spur bears N. and
 S. and disced
- 40.00 Set temporary 1/4 Sec. Cor
- 80.12 Dubious - N. and S.
 line 14 links N. of Cor.
 to Secs. 10, 11, 14 and 15
 Thence I run N. $89^{\circ} 54'$
 N. on a true line
 bet. Secs. 10 and 15
 with same va.
- 40.00 Set a sandstone $10 \times 4 \times$
 5 ins. 11 ins. in the ground
 for 1/4 Sec. Cor. marked

T. 19 N. R. 23 E. G. S. R. M.

Chairs

1/4 on N. face; dug pits
18x18x12 ins. O. and N.
of dome 5 1/2 ft. dist. and
raised a mound of
earth - 1 1/2 ft. high 3 1/2 ft.
base along side.

8612

Cor. to Secs. 9, 10, 15 and 16
Surface broken
Soil 3rd. and 4th. row
Pine grazing

North bet. Secs. 9 and 10
Va. 19° 55' E,
Over broken tad lands

2610
3990
4010

Cross wash 30 links wide Co. E.
Cross wash 50 links wide Co. N.E.
Set a lava rock 12x12x4 ins
firm. in the ground for
1/4 Sec. Cor. marked 1/4 on
N. face; and raised

T. 19 N. R. 23 E. q. S. R. W.

- Chains a mound of stone along-
side pits impracticable
- 6150 Cross wash 400 links wide
Co. E. and ascend
- 6900 Top of spur bears N. W. and
S. E. and descend
- 7400 Cross gulch 50 links wide
Co. S. E. and ascend
- 7700 Top of spur bears N. W.
and S. E. and descend
- 8000 Set a sandstone 20x11x5 ins
15-ins. in the ground for
Cor. to Sec. 3, 4, 9 and 10
marked with 5 notches on
S. and 3 on E. edges; and
raised a mound of
stone along side
Pits impracticable
Surface Rolling
Soil 2 ord. and 4 lb rate

T. 19 N. R. 23 E. G. S. R. M.

Chains

Grazing post

East on a random line bet.
Secs. 3 and 10

Pa. $13^{\circ}55'E$.

Ascend over rough surface

1200

Top of spur bears N. N. and
S. E. and down

3600

Cross gulch to S. E.

4000

Set temporary 14 Sec Cor.
and ascend

4600

Top of spur bears N. N. and
S. E. and over rough surface

8000

Intersect N. and S. line
14 miles north of Cor. to
Secs. 2, 3, 10 and 11 Thence
I run N. $89^{\circ}54'W$. on a
true line bet. Secs. 3
and 10 with same pa.

4000

Set a lava rock $16 \times 9 \times 8$

T. 19 N., R. 23 E. G. S. Q. M.

Chains 110 ins in the ground
for 1/4 Sec. Cor marked
1/4 on N. face; dug pits
18 x 18 x 12 ins. E. and W.
of stone 5 1/2 ft. dist. and
dressed a mound of earth
1 1/2 ft. high 3 1/2 ft. base
along side

8000
Cor. to Secs. 3, 4, 9 and 10
Surface rolling
Soil 4th rate
Poor grazing

North on a random
line bet. Secs. 3 and 4
Var. 3° 55' E.

Descending over broken
Surface

900
Cross gutch Co. S.E.
and ascind

T. 19 N. R. 23 E. G. S. R. M.

Chains

3000

Top of spur bears E. and N.
and descend

4000

Set temporary $\frac{1}{4}$ Sec. Cor.
and over broken hills

810

Entered N. boundary
of T. 18 miles E. of R. R.
to Secs. 3, 4, 33 and 34
which was recently
established by me. Thence
I run $80^{\circ} 4'$ E. on a
true line bet. Secs. 3
and 4 with same or.

40,10

Set a lava rock $19 \times 9 \times 6$
ins. 14 ins. in the ground
for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ 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

T. 19 N. R. 23 E. G. S. R. M.

Chains

5010

of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. base alongside
 Cor. to Secs. 3, 4, 9 and 10
 Surface broken
 Soil 4th. rate
 Poor grazing.

I carefully examined
 my Solar Compass
 to-day particularly the
 latitude and revolving
 apparatus and found
 them correct.

Nov. 10th 1852

From the Cor. to Secs. 4, 5, 32
 and 33 on the South boundary
 which was recently established
 by me. I run
 North bet. Secs. 32 and 33
 N. $13^{\circ} 55' 0''$

G. S. R. M. T. 19 N. R. 23 E

- Chains ascending gradually over rolling country
- 40.00 Set a sandstone 10x12x8 ins. 11 ins. in the ground for 1/4 Sec. Cr. marked 1/4 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. base alongside
- 69.00 Top of rocky spur bears E. and N.
- 73.00 Center washed land br. E. and N.
- 80.00 Set a sandstone 20x10x4 ins. 15 ins. in the ground for Cor. to Secs. 28, 29, 32 and 33 marked with 1 notch on S. and 4 on E. edges. and raised a mound

T. 19 N. R. 23 E. G. S. R. M.

Chains

of spots alongside: covered with earth.
Soil 3rd. rate

Good grazing

Cast on a random line
bet. Secs. 28 and 33
No. 13° 55' E.

27.00

Over washed country
Foot of bluff to N. and S.
and ascend

29.00

Top of bluff to N. and S.
and descend

34.00

Foot of bluff and over wash.

40.00

Set temporary 1/4 Sec. cor.

46.00

Foot of bluff to N. and S.
and ascend,

50.00

Top of same to N and S.

56.00

Edge of bluff to N. N.
and S. E. and descend.

T. 19 N. R. 23 E. J. S. R. M.

Chains

6300 Enter Flat to N. N. and S. E.
 8060 Intersect N. and S. line 17 1/2 m. S. of
 Cor. to Secs. 27, 28, 33 and 34

Thence I run S. $89^{\circ} 53' N.$ on a
 true line bet. Secs. 28 and
 33 with same va.

49,05

Set a sandstone $14 \times 10 \times 4$ ins. 9
 ins. in the ground for $1/4$ Sec.
 Cor. marked $1/4$ on N. face.
 dug pits - $18 \times 18 \times 12$ ins. O. 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
 alongside.

8010

Cor. to Secs. 28, 29, 32 and 33
 Surface rolling and rough
 Soil 3rd. rate

Vegetation sagebrush

North bet. Secs. 28 and 29

T. 19 N. R. 230, g. S. R. M.

Chains

Na. 13° 55' E.

Over washed land
 18.00 Same washed land be.
 N.E. and S.W. and wind
 over rough and rocky country
 40.00 Set a sandstone 14x10x4 ins.
 9 ins. in the ground for
 1/4 Sec. Co. marked 14 on
 N. face; and raised a
 mound of stone alongside
 71.00 Top of bluff to. E. and W.
 and over high table land
 80.00 Set a sandstone 20x12x4
 ins. 15 ins. in the ground
 for Co. to Sec. 20, 21, 28 and
 29 marked with 2 notches
 on S. and 4 on E. edges.
 dug pits 18x18x12 ins. in
 each Sec 5 1/2 ft. dist;
 and raised a mound

T. 19 N. R. 23 E. G. S. P. M.

Chains of earth 2 ft. high $4\frac{1}{2}$ ft. base alongside
 Surface rough and broken
 Soil 3rd rate
 Vegetation Sagebrush.

Cast on a random line
 bet. Secs. 21 and 28

Over high table land
 Set temporary 44 Sec. Cor.

4000
 5150

Edge of bluff to N. and S.
 and descend over broken country

8916

I intersect N. and S. line 12
 miles South of Cor. ^{to Secs.} 21, 22, 27
 and 28 Thence I run
 S. $89^{\circ} 55'$ N. on a true line
 bet. Secs. 21 and 28.

with same va.

4008

Set a sandstone 13x10x4
 ins. 8 ins. in the ground for.

T. 19 N. R. 23 E. G. S. R. M.

Chains

1/4 Sec. Cor. marked 1/4 on N. face. dug pits - 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 alongside

58.16

Cor. to Secs. 20, 21, 25 and 29

Surface rolling
Soil 3rd. rate
Good grazing

North bet. Secs. 20 and 21
Variation 13° 55' E.

Over high table land

40.00

Set a sandstone 12 x 10 x 8 ins. 8 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face; dug pits - 18 x 18 x 12 ins. N. and S. of stone 5 1/2 ft. dist. and rais-

T. 19 N. R. 23 E. J. L. R. M.

- Chains rd a mound of earth -
 1 1/2 ft. high 3 1/2 ft. base
 alongside
- 43.00 Edge of bluff br. C, and N.
 and divided into rough
 and broken lands
- 8000 Set a sandstone 15x10x6 ins.
 10 ins. in the ground for
 Cor. to Secs. 16, 17, 20 and 21
 marked with 3 notches on
 S. and 4 on E. edges. and
 raised a mound of stone
 alongside
- Surface rolling
 Soil 3rd. rate -
Good grazing

East on a random
 line bet. Secs. 16 and 21
 No. 13 55' E

0 01
July 1906. P. 230, G. S. R. M.

Chains

114 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. base along side
Same tad lands. fr. S.E.
and N. W.

6850

8000

Set a lava rock 18x12x4
ins. 12 ins. in the ground
for Cor. to Sec. 8, 9, 10 and
17 marked with 4 notches
on S. and E. edges; dug
pits - 18x18x12 ins. in
each Sec. 5 1/2 ft. dist.
and raised a mound
of earth 2 ft. high 4 1/2
ft. base along side
Surface rolling and broken
Soil 8000 and 4 rate

T. 19 N. R. 23 E. g. S. R. M.

Chains fraying poor

East on a random line
bet. Secs. 9 and 10

Na. $13^{\circ}55'E$.

Over high open prairie

4000

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

8914

Intersect N. and S. line 10
links N. of Cor. to Secs.

9, 10, 15, 10 Thence I run
N. $89^{\circ}53'$ N. on a true
line bet. Secs. 9 and 10.

with same va.

4917

Set a lava stone 18×10
 16 ins. 12 ins. in the ground
for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$
on N. face dug pits - $18 \times$
 18×12 ins. E. and N. of stone
 $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$

T. 19 N. R. 23 E. G. S. R. M.

Chains ft. high $3\frac{1}{2}$ ft. base
alongside

8914 Cor. to Secs. 8, 9, 16 and 17
Surface rolling
Soil 3rd. rate
Good grazing

North lat. Sec. 8 and 9
Va. $13^{\circ}55' E.$

Over rolling prairie

4000

Set a sandstone $12 \times 10 \times 6$
ins. 8 ins. in the ground
for 44 Sec. Cor. marked
44 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 alongside

8000

Set a lava rock

T. 19 N. R. 23 E. G. S. P. M.

Chains 20x10x5 ins. 15-16 in
 the ground for Cor. to
 Sics. 4, 5, 8 and 9 marked
 with 5 notches on S.
 and 4 on E. edges dug pits
 18x18x12 ins in each
 Sic. 5 1/2 ft. dist. and
 raised a mound of
 earth 2 ft. high 4 1/2 ft.
 base along side
 Surface rolling
 Soil 3rd. rate
 Good grazing

East on a random line
 bet. Sics. 4 and 9
 (Ba. 13° 55' E.)

Over prairie

22.10

Commenced to descend

4000

Set temporary 1/4 Sic. Cor.

Fig. 4. R. 230. 9. S. R. M.

Chains recently established by me
 Thence I run S. 60° W. ^{horse's} ~~to~~
 on a true line, with
 some variation.

2990 Set a lava rock 18x12x6
 ins. 12 ins. in the ground
 for 14 Sec. Cor. marked
 14 on N. face; dug pits
 18x18x12 ins. N. and S.
 of stone 5 1/2 ft. dist. and
 raised a mound of
 earth 7 1/2 ft. high 3 1/2
 ft. base along side

4990 Cor. to Secs 4, 5, 8 and 9
 Surface rolling and broken
 Soil 3rd. and 4th. rate
Poor grazing

I carefully examined

J. 19 A. Q. 230 J. S. P. M.

Chains From the Cor. to Secs.
 31 and 32 ^{by S. boundary of} which
 was recently established
 by me. I run
 North bet. Secs. 31 and 32
 Va. $13^{\circ}55'0''$

Over rolling surface

4000

Set a sandstone $12 \times 10 \times$
 8 ins. 8 ins. in the ground
 for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ 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 side

8000

Set a sandstone $20 \times 10 \times$
 8 ins. 10 ins. in the ground
 for Cor. to Secs. 29, 30, 31
 and 32 marked with

T. 19 N. R. 23 E. G. S. R. M.

Chains 1 inch on S. and 5 on
E. edges; dug pits - 18 x 18
x 12 ins. in each Sec.
5 1/2 ft. dist. and raised
a mound of earth 2 ft.
high 4 1/2 ft. wide
along side
Surface rolling
Soil 3rd. rate
Good grazing

East on a random line
bet. Secs. 29 and 32
Na. 13° 55' E.

ascending gradually over
valley land

17,00 Leave valley land to S. and
and S. and ascend over
rough and rocky surface
4000 Set temporary 1/4 Sec. Cor.

T. 19 N. R. 23 E. q. S. R. M.

Chains

- 40.00 Top of bluff to N. and S.
- 46.50 Edge of bluff to N. and S.
and descend
- 51.00 Foot of bluff to N. and
S. and over washed land
- 80.05 I intersect N. and S. line
17 links S. of Cor. to Secs.
28, 29, 32 and 33. Thence I
run S. $89^{\circ}58'$ N. on a true
line bet. Secs. 29 and 32
with same va.
- 40.07 Set a sandstone $10 \times 2 \times 4$ ins
11 ins. in the ground for
1/4 Sec. Cor marked 1/4
on N. face; dug pits $18 \times$
 18×12 ins. E. and W. of
stone $5\frac{1}{2}$ ft. dist. and
raised a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$

T. 14 N. R. 23 E. of S. R. M.

Chains
8008

ft. true along side
Cor. to Secs. 29, 30, 31 and 32
Surface rolling and rough
Soil 3rd. rate.
Good grazing

Went on a random line
bet. Secs. 30 and 31

(Pa. $13^{\circ}55' \text{ E}$)

Descending gradually over
valley land

4000
7891

Set temporary $\frac{1}{4}$ Sec. Cor.
Intersect N. bound. of
T. 12 links N. of Cor. to
Secs. 29, 30, 31 and 32
which was recently
established by me
Thence I run N.
 $89^{\circ}55' \text{ E}$ on a true
line bet. Secs. 30

T. 19 N. R. 23 E. G. S. R. M.

Chassis and 31 with same va.
 3891 Set a sandstone 13x10x7
 ins. 8 ins. in the ground
 for 44 Sec. Cor. marked
 44 on N. face; 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. base along side
 7891 Cor. to Secs. 29, 30, 31
 and 32

Surface rolling
 Soil 3rd. rate
 Good grazing

North bet. Secs. 29 and 30
 N. 13° 55' E.

Over low rolling valley land
 Leave valley land

T. 19 N. R. 23 E. G. S. R. M.

- Chains br. N.E. and S.W. and
over rough country
- 1350 Top of bluff br. N.W. and
S.E.
- 2100 Edge of bluff br. N.E. and
S.W. and descend
- 2600 Foot of bluff br. N.E. and S.W.
and over washed land
- 4000 Set a sandstone 14x10x8 in.
9 ins. in the ground for
1/4 Sec. Cor. marked 1/4
on N. face: dug pits 18x18x
12 ins. N. and S. of stone 5 1/2
ft. dist. and raised a
mound of earth - 14 ft.
high 3 1/2 ft. base along side
- 5200 Leave washed land
br. E. and W. and
ascend over rough country
- 8000 Set a sandstone

Tip of R. 23 E. of S. R.M.

Claims 14x12x8 ins. 4 ins. in
 the ground for corals Secs
 19, 20, 29 and 30 marked
 with 2 notches on S.
 and 5 on E edge; dug
 pits 18x18x12 ins in each
 Sec 5 1/2 ft. dia. and raised
 a mound of earth 2 ft.
 high 4 1/2 ft. base
 along side
 Surface rolling and rough
 Soil 3rd, red
Good grazing.

East on a random line
 bet. Secs. 20 and 29
 (Va. 13° 55' E.)

Ascending over rough
 country.

2000

Top of high bluff to N.

T. 19 N. R. 23 E. G. S. R. M.

- Chains and S. and thence over high table land
- 4000
8012 Set temporary 1/4 Sec. Cor. I returned N. and S. line 13 links S. of Cor. to Secs. 20, 21, 28 and 29 thence I run S. 89° 54' W. on a true line bet. Secs 20 and 29 with same or.
- 4000 Set a sandstone 14x10x4 ins. 9 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face; 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. base along side
- 8012 Cor. to Secs. 19, 20, 29 and 30
Surface rolling and

T. 19 to R. 23 E, q. S. R. M.

Chains

broken

Soil 3 rd. rate

Good grazing

Went on a random line
bet. Secs. 19 and 30
Pa. 13° 55' E

Descending - over rough
surface

1941 Cross dry wash 200 chs.
wide Co. S. and ascend

4000 Set temporary 1/4 Sec. Cor.

4100 Top of bluff fro. N. and S.
and descend

6300 Enter rocky flat fro. N. and S.

7582 Intersect N. bound. ^{of 1/4}
links S. of Cor. to Secs.
19, 24, 25 and 30 which
was recently established
by me. Hence I

T. 19 N. R. 23 E. J. S. R. M.

Chains run S. 89° 52' E. on a true
line bet. Secs. 19 and 20
with same va.

3882 Set a sandstone 13x10x6
ins. 8 ins. in the ground
for 1/4 Sec. Cor. marked
114 on N. face, and
raised a mound of stone
alongside covered
with earth

7852 Cor. to Secs. 19, 20, 29, and 30
Surface broken
Soil 3rd. rate
Good grazing

North bet. Secs. 19 and 20
(Va. 13° 55' E.)

Ascending over rough
country

2000 Top of high spur bet. E.

T. 19 N. R. 23 E. G. S. R. M.

- Chains and N. and disced
 3990 Cross dry wash 25 links
 wide Co. S. N. and
 over rough country
- 4000 Set a sandstone 10 x 8 x 7 ins
 7 ins. in the ground for
 1/4 Sec. Cor. marked 1/4
 on N. face 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. base along side
- 8000 Set a sandstone 20 x 12
 x 8 ins. 15 ins. in the
 ground for Cor. to
 Secs. 17, 18, 19 and 20
 marked with 8 notches
 on S. and 5 on E. edge.
 dug pits 18 x 18 x 12 ins.

T. 19 N. R. 23 E. G. S. R. M.

Chains

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 broken
 Soil 3 rd. rate
Good grazing

East on a random line
 bet. Secs. 17 and 20
 Va. 13° 55' E.

Ascending over rough
country

2700

Top of 1 spur fro. N. and
S. and descend

4100

Set temporary 1/4 Sec. Cor.

4600

Cross dry wash 25
 links wide Co. S. and
 ascend

T. 19 N. R. 23 E. Q. S. R. M.

Chains

8012

Submerged- N. and S. line
5 miles South of Coranto
16, 17, 20 and 21 Thence I
run S. $89^{\circ} 58'$ N. on
a true line bet. Secs. 17
and 20 with same bearing

4000

Set a sandstone $18 \times 8 \times 7$
ins. 7 in. in the ground
for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on N. face; dug
pit $18 \times 18 \times 12$ ins. East
N. of stone $3\frac{1}{2}$ ft. dist.;
and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
ft. base along side

8012

Cor. to Secs. 17, 18, 19 and 20
Surface rough
Soil 3rd. rate
Good grass

T. 19 N. R. 23 E. G. S. Q. M.

- Chains West on a random line
bet. Secs. 18 and 19
No. 18° 55' E.
- Over rough country
ascending
- 9.00 Top of rocky spur bet. N. and
S. lines and descend
- 14.00 Enter flat bet. N. and S.
- 27.75 Cross dry wash 150 ft. wide
Co. S. and ascend
- 29.75 Cross dry wash 50 links wide
Co. S. and ascend
- 32.00 Leave flat bet. N. and S.
- 40.00 Set trap 1/4 Sec. 18 on
- 41.00 Top of spur bet. N. and S.
and descend
- 47.00 Cross dry wash 50 links
wide Co. S. 10° E.
- 78.70 I entered N. bounds of
T. 9 links S. of Cor.

T, 1904, R. 23, E. G. S. R. M.

Chains

To Secs. 13, 18, 19 and 24
^{recently established by me}
 Hence I run S. 89° 56' 10" E
 on a true line bet. Secs.

3870

18 and 19 with same or.
 Set a ~~wood~~ stone 16x12x8
 ins. 11 ins. in the ground
 for 1/4 Sec. Cor. marked
 1/4 on N. face; add
 raised a ~~small~~ oval
 of stone along side
 covered with earth.

7870

Cor. to Secs. 17, 18, 19 and 20
 Surface rough and rolling
 Soil 3rd rate
Good grazing

North bet. Secs. 17 and 18
 Pa. 13° 5' 0" E
 rounding over rough
 surface

T. 19 N. R. 230. G. S. P. M.

Chains	
17.00	Top of high point and descend
31.00	Cross dry wash 30 huts wide Co. N. and round
40.00	Set a corner stone 14x10x5 ins. 9 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face; and raised a mound of stone alongside pits imperceptible
43.00	Top of hill bet. O. and N. and descend over rough country
50.00	Set a lava rock 20x14x4 ins. 15 ins. in the ground for Cont's Secs. 7, 8, 17 and 18 marked with 4 notches on S. and 5 on O. edges! and

T. 19 N. R. 23 E. G. S. P. M.

Chains raised a mound of stone
along side. Pits - impracticable.
Surface broken
Silt 4 in. rate
Good grazing

Out on a random line
bet. Secs. 8 and 17
Va. 13th 55th E.

- Ascending over rough surface
2.70 Cross wash 15' wide
Co. S.
35.00 Enter small canyon Co.
S. N.
40.00 Sit temporary 1/4 Sec. Cor.
49.00 Top of spur and leave canon
to S. N.
63.00 descend into canon
69.00 Cross canon Co. S. N.
and ascend

T. 89 N. R. 23 E. q. S. R. M.

Chains

77.00

Top of bluff hrs. N.E. and
S. W. and over prairie

79.90

I intersect N. and S. line
20 links N. of Cor. to
Secs. ⁸7, ⁹8, ¹⁶17 and ¹⁷18. Thence I
run N. 89° 51' W. on a true
line bet. Secs. 8 and 17
with same ca.

39.95

Set a sandstone 20 x 18 x 3 in
15 ins. in the q round
for 1/4 Sec. Cor. marked
1/4 on N. face; and
raised a mound of
stone along side.
Pits impracticable

79.90

Cor. to Secs. 7, 8, 17 and 18
Surface rolling & broken
Soil 3rd. rate
Grazing poor

T. 19 N. R. 23 E. q. S. Q. M.

- Chain Must on a random line bet. Secs. 7 and 18
Va. $13^{\circ} 55' E$.
- 15.50 Over rough bad lands
- 36.00 Cross top of spur to N. and S. Tied descend.
- 40.00 Cross gulch 15 huts wide to S.
- 40.00 Set temporary 1/4 Sec. Cor. and over broken lands
- 78.74 Intersect N. Boundary of T. 18 huts S. of Cor. to Secs. 7, 12, 13 and 18 which was recently established by me. Thence I run S. $89^{\circ} 02' E$ on a true line bet. Secs. 7 and 18 with same or
- 38.76 Set a lava rock 10 x 15 x 9 ins. 11 ins. in the

T. 19 N. R. 23 E. G. S. R. M.

Chains 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

7876 Cor. to Secs. 7, 8, 17 and 18
Surface broken
Soil 3rd. and 4. rali
Good grazing

North - bet. Secs. 7 and 8
Va. 18° 5' - 5' 00.

15.31 Over broken surface
Cross wash 32 units
wide to S. W.

17.68 Cross wash 40 units
wide to S. 70° W.

4000 Set a lava rock 24 x

T. 19 N. R. 23 E. J. S. R. M.

- Chains 20x4 ins, 16 ins. in the ground for 44 Sec. Cor. marked 44 on N. face, and raised a mound of stone along side. Pits - impracticable
- 4080 Cross same wash 30 lbs, wide S. E. and ascended
- 4600 Top of spur to S. E. and S. W. and around.
- 5425 Cross same wash 25 lbs wide S. W.
- 8000 Set a sandstone 10-x4-x6 ins 16 ins. in the ground for Cor. to Secs. 5, 6, 7 and 8 marked with 5 notches on S. and E. edges; dug pits - 18x18x12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high

T. 19 N. Q. 23 E, J.S. Q.M.

Chains $4\frac{1}{2}$ ft. base along side.
 Surface rolling
 Soil Ord. and 4 M. red-
Iron 9 2/3 mg

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

Na. $13^{\circ}55'E$.

Over broken surface

4000

Set temporary 44 Sec. Cor.

5000

Intersect N. and S.
 line 8 miles S. of Cor.
 to Secs. 4, 5, 8 and 9

Thence I run S. $89^{\circ}57'$

N. on a true line bet.
 Secs. 5 and 8 with same va

4000

Set a lava rock 12×12
 $\times 8$ ins. 8 ins. in the
 ground for 44 Sec.
 Cor. marked 44 on

T. 19 N. R. 23 E. G. S. R. M.

Chains N. face, and raised a
mound of stone alongside
Pits impracticable
5000 Cor. to Secs. 5, 6, 7 and 8
Surface broken
Soil 3rd. rate
Good grazing

Met on a random line
bet. Secs. 6 and 7
N. $13^{\circ}55'E$.

Over broken surface
4000 Set temporary 1/4 Sec. Cor.
7868 Subst. est. - N. bound. of
T. 14 into S. of Cor.
to Secs. 1, 4, 7 and 12
which was recently estab-
lished by me. Thence I
run S. $89^{\circ}54'O$ on a
true line bet. Secs

T. 19 N. R. 23 E. G. S. R. M

Chains 6 and 7 with same on.
 38.65 Set a Iowa stone 12x10x6
 ins. 8 ins. in the
 ground for 1/4 Sec. Cor
 marked 1/4 on N. face
 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
 along side.

78.65 Cor. to Secs. 5, 6, 7 and 8
 Surface broken
 Soil 4 rate
Good grazing

North on a random
 line bet. Secs. 5 and 6
 Va. 13° 35' E.
 Over broken surface

T. 19 N. R. 23 E. g. S. R. M.

Chains

41.00

79.90

Set temporary 1/4 Sec. Cor.
I marked N. boundary
of T. 14 lines E. of
Cor. to Secs. 5, 6, 31 and 32
which was recently
established by me. Thence
I ran S. 6° E. on a
true line bet. Secs
5 and 6 with same
va.

39.90

Set a sandstone 12 x 10
x 10 ins. 8 ins. in the
ground for 1/4 Sec. Cor.
marked 1/4 on N.
face; due rain
we mound of stone
along side
It is impracticable

T. 19 N. R. 23 E. G. S. R. M.

Chains

7990

Cor. to Secs. 5, 6, 7 and 8
 Surface nothing
 Soil 4 rats
Good grazing

I carefully examined
 my Solar Compass
 to-day particularly
 the latitude and
 reversing apparatus
 and found them correct
 Nov. 11th 1882

T. 19 N. R. 23 E. q. S. R. M.

Chains

General description

The southeastern part of this township is crossed by the Carrig. Wash which carries a vast quantity of water in winter.

The surface is rolling and broken and affords excellent grazing

Soil ranges from 2nd. to 4th rate

There is one settler by the name of John Butler in Sec. 27

Henry Meyrick
D.S.

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

April 23, 1883

The foregoing Field Notes of the Survey of the

Subdivision Line of
 Township 19 North Range
 23 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by Henry Meyrick

Deputy Surveyor, under his contract of the 24th,
 day of July, 1882, having been

critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe
 are hereby approved.

J. W. Robinson
 Surveyor General.