

329

P1

BOOK 329

BOOK 329

329

F I E L D N O T E S
OF THE SURVEY OF THE
SUBDIVISION LINES
OF BOOK 329

Township 19 North, Range 24 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Henry Meyrick, D. S., under
Contract dated July 24, 1882.
Survey commenced Nov. 13, 1882.
Survey completed Nov. 16, 1882.

INDEX DIAGRAM.

Township 19 N.

Range 24 E.

6	80	5	44	4	49	3	32	2	10	1
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Gila and Salt River, Arizona.

ARIZONA.

No - 329

T. 19 N. R. 24 E. G. S. P. M. 10

For preliminary work in Book 1,
Survey commenced Nov. 13th 1882
with a Burt's improved
Solar Compass nearly new
and in first rate order
made by Otto Fennel of
Cassel Germany in 1881
and was adjusted by an
instrument which was
corrected on the true
Meridian at Tucson
in May in 1882 and
found to be in perfect
order, and was further
tested by reversing.

T. 19 N. R. 24 E. G. S. R. M.

Chains	From the Corner to Secs. 1, 2, 35 and 36 which was recently established by me I run north bet. of Secs. 35 and 36 N. $13^{\circ} 52' E$.
4.00	Over Bottom Land Cross Rio Puerco River 4 Chains wide Co. N.
9.50	From this point John Mulcahey's ranch bears N. 150 links
14.50	A. and P. R.R. bears N. 76 E.
15.40	Western Union Telegraph line br. N. 76 E.
28.00	Cross Wagon road bears N. E. and S. W.
40.00	Set a sandstone $12 \times 10 \times 8$ in 5 ins. in the ground for 114 Sec Cor. marked

T 19 N. R. 24 E. G. S. R. M.

Chains $\frac{1}{4}$ 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

5800 Ascending onto high prairie near E. T and N.

80.00 Set a lava rock $18 \times 12 \times 10$ ins. 12 ins. in the ground for Cor to Secs 25, 26, 35 and 36 marked with 1 notch on S. and E. edges. dug pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base along side
Surface level bottom land
Soil 1st. and 2nd. rate

T. 19 N. R. 24 E. - G. S. R. M.

Chains

Good grazing

East on a random line
bet. Secs. 25 and 30
Va. 13° 52' E.

40.00

Over high open prairie
Set temporary 1/4 Sec. Cor.
and descend gradually over
Rio Durco River Bottom

78.00

Wagon road bears N.E. and
S.W.

79.88

Intersect E. boundary of
T. 14 links S of Cor. to
Secs. 25, 30, 31 and 36
which was recently established
by me. Thence I run S.
89° 54' N. on a true line
bet. Secs. 25 and 30 with
same va.

39.94

Set a sandstone 18 x 18 x 5

J. 19 N. R. 24 E. 9 S. R. M.

Chairs ins. 12 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

79.88 Cor. to Sec. 25, 26, 35 and 36
 Surface rolling and level
 Soil 2nd. and 3rd. rate
Good grazing

North to Sec. 25 and 26
 Va. 18° 52' E.

Over rolling prairie

Ascent gradually

40.00

Set a lava stone 10x9x8 ins.
 7 ins. in the ground for 1/4
 Sec Cor. marked 1/4 on
 N. face dug pits 18x18

T. 19 N. R. 24 E. G. S. R. M.

Chains

x 12 ins. N. and S. of about
 5 1/2 ft. dist. and raised
 a mound of earth 1 1/2 ft.
 high 3 1/2 ft. base alongside
 Top of ridge br. N. E. and
 S. W. and descend

6000

50.00

Set a Sandstone 14 x 10 x 6 ins
 11 ins. in the ground for
 Cor. to Secs. 23, 24, 26 and
 26 marked with 2 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. base alongside

Surface rolling
 Soil 3rd. rate
 Good grazing

T. 19 N. R. 24 E. G. 9 - S. P. M.

Chains

Cast on a random line
bet. Secs. 24 and 25
Na. 13'52' E

2000

Ascend gradually
Top of ridge fr. E. N.
and S. E. and descend

4000

Set temporary 1/4 Sec. cor.

79.80

Entered E. boundary
of Township 13 into S. of
Cor. to Secs. 19, 24, 25 and
30 which was recently
established by me. Thence
I run S. 89°54' W. on
a true line bet. Secs.
24 and 25 with same on.

39.90

Set a sandstone 18x9x8
ins. 12 ins. in the ground
for 1/4 Sec. Cor. marked
1/4 on N. face dug pits
18x18x12 ins. E. and W.

T. 19 N. R. 24 E. q. S. R. M.

Chains

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 ~~about 4~~ wide

79.80

Cor. to Secs. 23, 24, 26 and 26

Surface rolling
Soil 3rd. rate

Good grazing

North bet. Secs. 23 and 24
Va. $13^{\circ}57' E.$

Descend gradually

Enter flat ~~best~~ N.E.
and S.W. ~~the~~

20.00

37.00

Foot of spur bears N.E.
and S.W. and ascend

40.00

Set a sandstone $16 \times 12 \times 4$
ins. 11 ins. in the ground
for $1/4$ Sec. Cor. marked
 $1/4$ on West face.

T. 19 N. R. 24 E. of S. R. M.

- Chains laid ~~in~~ raised a mound
of stone along side
- 41.00 Top of spur bears N.E. and
S.W. and descend
- 44.00 Enter flat bears N.E. and S.W.
- 69.00 Cross wash 6 Chs. wide Co. S.W.
- 80.00 Set a sandstone $20 \times 10 \times 3$ ins.
15 ins. in the ground for Cor.
to Secs. 13, 14, 23, and 24 marked
with 3 rocks on S. and 1 on E.
edges; dug pits $18 \times 18 \times 12$ ins.
in each Sec $5\frac{1}{2}$ ft. dist.
and raised a mound of
earth 2 ft. high $4\frac{1}{2}$ ft. base
along side
- Surface rolling
Soil 3 rd. rate.
Good grazing
-
- East on a random line

T. 19 N. R. 24 E. G. S. Q. M.

Chains Secs. 13 and 24

Na. $13^{\circ} 52' E$

Descending

- 55.50 Enter flat & bears N.E. & N.W.
- 26.00 Cross dry wash 2.00 Chs.
wide bot S.W.
- 37.00 Leave flat bears N.E. and
S.W. and ascend
- 40.00 Set temporary $1/4$ Sec. Cor.
- ~~43.00~~ Top of hill bears N.E. and
S.W. thru over high
prairie land
- 79.92 Entered East boundary
of T. 13 miles N. of Cor. T 10
Secs. 13, 18, 19 and 24 which
was recently established by
me thru & run N. 89°
 $54'$ W. on a true line
bet. Secs. 13 and 24
with same va.

T. 19 N. R. 24 Q. 9. S. Q. M.

Chairs

39.96

Set a sandstone 20x10x6 ins.
15-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 alongside

79.92

Cor. to Sec. 13, 14, 23 and 24

Surface rolling

Soil 3rd. rate

Good grazing

North bet. Secs 13 and 24

Na. 13' 5-2' E.

Ascending rocky hill

29.00

Top of hill bears N.E. and S.W.
thru over high prairie land

40.00

Set a sandstone 20x10x6

T. 19 N. R. 24 E. G. S. R. M.

- Chains ins. 15 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
- 5-0.00 Level high prairie land
bear E. and W. and descend
- 5-5.00 Cross sag 125-links wide to
E. and ascend
- 50.00 Set a sandstone 20 x 10 x 4
ins. 15 ins. in the ground
for Cor. to Secs. 11, 12, 13 and 14
marked with 4 notches on
S. and 1 on E. edges, and
raised a mound of stone
along side
Surface rolling.
Soil 3rd. rate

T. 19 N. R. 24 E. G. S. R. M.

Chains

Good grazing

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

Va. $18^{\circ}52'$ E.

Descending gradually
cross dry wash E. S. E.,
25 links wide thru over
sandy flat

8.14

40.00

80.00

Set temporary 1/4 Sec. Cor.

I observed East boundary
of T. 4 links S. of Cor.

to Secs. 7, 12, 13 and 18

which was recently set
by me Thru I run S.
 $89^{\circ}58'$ W. on a true
line bet. Secs. 12 and 13
with same va.

40.03

Set a sandstone $18 \times 10 \times 7$
ins. 8 ins. in the ground

T. 19 N. R. 24 E. g. S. R. M.

Chains for 14 Sec. Cor. marked 114
on N. face dug pits -
18x18x12 ins. E. and W.
of stone 5½ ft. dist. and
raised a mound of
earth 1½ ft. high 3½
ft. base along side
8000 Cor. 10 Secs. 11, 12, 13 and 14

Surface rolling
Soil 3rd. rate
Good grazing

North bet. Secs. 11 and 12
Na. 13° 02' E.

950 Descending
Cross dry wash 20 links
wide to S.E. and around
gradually

4000 Set a sandstone 20x10x3
ins 10 ins. in the ground

T. 19 N. R. 24 E. G. S. R. M.

- Chains for 1/4 Sec. Cor. 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 along side
- 61.00 Top of hill bears N. E. and S. W. thence over high prairie country
- 80.00 Set a sandstone 13x10x8 ins. 8 ins. in the ground for Cor. 1/4 Secs 1, 2, 11 and 12 marked with 5 notches on S. and 1 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 3rd. rate
Good & raising

T. 19 N. R. 24 E. G. S. R. M.

- Chains East on a random line
bet. Secs. 1 and 12
Va. $13^{\circ} 52' E$.
- Over high prairie land
- 40.00 Set temporary $1/4$ Sec. cor.
- 80.22 Entered E. boundary of
T. 18 miles S. of Cor. of
Secs. 1, 6, 7 and 12 which
was recently set by me
Thence I run $S. 89^{\circ} 52' W.$
on a true line bet. Secs.
1 and 12 with same va.
- 40.11 Set a sandstone $12 \times 10 \times 8$
ins. 8 ins. in the ground
for $1/4$ Sec. Cor. marked
 $1/4$ on N. face dug
pits $18 \times 18 \times 12$ ins. $1/2 E$ and
 $1/2 W.$ of stone $5 \frac{1}{2}$ ft. dist.
and raised a mound
of earth $1 \frac{1}{2}$ ft. high

T. 19 N. R. 24 E. g. S. R. M.

- Chains 3 1/2 ft. base along side
 8022 Cor. to Secs. 1, 2, 11 and 12
 Surface rolling prairie
 Soil sandy
Good grazing
-
- North on a random line
 bet. Secs. 1 and 2
 Co., 13° 5-2' E
- Over high prairie
 5.00 Leave high prairie and
 descend into breaks
- 19.00 Cross dry wash 50 huts
 wide Co. E. and as end
 steep rocky hill
- 40.00 Sit temporary 1/4 Sec. Cor.
 56.00 Top of hill bet. E. and W.
 and over high prairie land
- 73.50 Old overland stage road
 Bears E. and W.

17
T. 19 N. R. 24 E. g. S. R. M.

Chains

7980

Entered N. boundary of
T. 10 links E. of Cor. to
Secs. 1, 2, 35 and 36 which
was recently established
by one. Thence I run S. 80°
W. $6'$ on a true line
bet. Secs. 1 and 2
with same va.

3980

Set a sandstone $20 \times 10 \times 3$ ins. $15'$
ins. in the ground for $1/4$ Sec.
Cor. 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 side

7980

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

J. 19 N. R. 24 E. of S. R. M.

Chains Good grazing

From the cor. to Secs. 2, 3,
34 and 35 on S. Bound. of T.
which was recently plat-
titled by me. I run
North bet. Secs. 34 and 35 -
Va. 18° 2' E

Over rolling prairie
ascending

35.00 Top of spur bears E. and N.
and descend gradually

40.00 Set a sandstone 18x10x10 ins
12 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. face along side

T. 19 N. R. 24 E. g. S. R. M.

Chains

5000

Set a lava stone $12 \times 10 \times 6$
 ins. 8 ins. in the ground for
 Cor. to Secs. 26, 27, 34 and 35
 marked with 1 on both on
 S. and 2 on E. edges;
 dug pits $18 \times 18 \times 12$ ins.
 in each Sec. $5\frac{1}{2}$ ft.
 dist. and raised a mound
 of earth 2 ft. high $4\frac{1}{2}$ ft.
 base along side
 Surface rolling
 Soil 3rd rate
 Good grazing

East on a random line
 bet. Secs. 26 and 35

Na. $13^{\circ} 52' E$,

Ascend gradually over
 rolling prairie

T. 19 N. R. 24 E. G. S. R. M.

Chains

38.00

Top of ridge bet. N. and S.
and dib end

40.00

Set temporary 1/4 Sec. Cor

8.10

Entered N. and S. line
10 links north of Cor. to
20, 26, 30 and 36 Thence I
ran N. $89^{\circ} 54'$ W. on a true
line bet. Secs. 26 and 30
with same va.

40.00

Set a sandstone 10 x 10 x 6
ins. 10 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 0 1/2 ft. dist. and
raised a mound of earth
1 1/2 ft. high. 3 1/2 ft. base
along side

80.10

Cor. to Secs. 26, 27, 34, 36

T. 19 N. R. 24 E. G. S. R. M.

- Chains North Mt. Secs. 26 and 27
 Va. $13^{\circ} 52' E$.
- Over rolling prairie
- 15.00 Enter wash to S. W.
- 27.00 Leave same
- 40.00 Set a sandstone $12 \times 10 \times 6$ ins
 8 ins. in the ground for $\frac{1}{4}$
 Sec. Cor. marked $\frac{1}{4}$ on
 N. face dug pits - 18×18
 $\times 12$ 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
- 59.00 Cross wash 6.50 chains
 wide to S. W.
- 80.00 Set a sandstone $10 \times 9 \times 6$
 ins. 10 ins. in the ground
 for Cor. to Secs. 22, 23, 24
 and 27 marked with

T. 9 N. R. 24 E. G. S. R. M.

Chains 2 notches on S. and E. edges
 dug pits 18x18x12 ins. in
 each Sec. $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth
 2 ft. high $4\frac{1}{2}$ ft. base
 alongside

Surface nothing

Soil 3rd. rate

Good grazing

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

Pa. 13' 6" 2' E

Over flat.

0.00

Cross point of spur bears
 N. and S. and also end

23.15

Cross wash 7.00 chains wide
 to S. W. and also end

40.00

Set temporary 1/4 Sec. Cor
 Intersect N. and S. line

79.84

T. 19 N. R. 24 E. G. S. R. M.

Chains 12 links S. of Cor. to Secs.
23, 24, 25 and 26 Thru a
run S. $89^{\circ} 55' N.$ on a true
line bet. Secs. 23 and 26
with same va.

3992 Set a Sandstone $11 \times 9 \times 6$ ins
8 ins. in the ground for
 $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$
on N. face dug pits 18×18
 $\times 12$ 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

7954 Cor. to Secs. 22, 23, 24 and 27
Surface rolling
Soil 3rd row.

Good grazing

North bet. Secs. 22 and 23
Va. $18^{\circ} 52' E.$

T. 19 N. R. 24 E. q. S. R. M.

Chains

Overflat

40.00

Set a sandstone 10-x10-x6 ins
10 ins. in the ground for
1/4 Sec. Cor. marked 1/4 S.
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 along-
side

80.00

Set a sandstone 11-x10-x8 ins
8 ins. in the ground
for Cor. to Secs. 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 1/2 ft. dist. and raised
a mound of earth
2 ft. high 4 1/2 ft. base

T. 19 N. R. 24 E. G. S. R. M.

Chains alongside
Surface level
Soil 3rd. rate
Good grazing

East on a random line
bet. Secs. 14 and 23
Var. $13^{\circ} 5' 2'' E$

Over rolling valley land
Cross dry wash 50 miles
wide Co. S. E.

37.60

40.00

60.00

71.00

Set temporary $1/4$ Sec. corner,
foot of bluff bet. N. W. and S. E.
Top of same bears N. W. and
S. E. and descend

79.88

Entered - N. and S. line
13 miles north of cor.
to 13, 14, 23 and 24 Then
I ran N. $89^{\circ} 5' 4'' W.$ on
a true line bet. Secs.

T. 19 N. R. 24 E. G. S. R. M.

- Chains 14 and 20 with same va.
- 39,94 Set a sandstone 17x11x8 ins 11
ins. in the ground for 14
Sec. 8 or marked 14 on
N. face dug pits - 18x18
x 12 ins. E and W. of stone
5½ ft. dist. and raised
as mound of earth 1½
ft. high 3½ ft. base
along side
- 79,88 Cor. to Secs. 14, 16, 22 and 23
Surface rolling
Soil sandy
Good grazing
- North bet. Secs. 14 and 16
Var. 13° 52' E
- Over valley land
- 175-0 Leave valley land and
ascend steep bluff.

T. 19 N. R. 24 E. G. S. R. M.

Chains

30.00

Top of bluff from E. and W.
and disced

40.00

Set a sandstone 15 x 12 x 8 ins.
10 ins. in the ground for $\frac{1}{4}$
Sec. Cor. marked $\frac{1}{4}$ on W.
face; dug pits 18 x 18 x 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

42.21

Cross dry wash 50 links
wide N. S. E. and as usual

48.00

Top of hill from E. and W.
and over high prairie land

80.00

Set a sandstone 14 x 10 x 8 ins.
9 ins. in the ground for
Cor. to Secs. 10, 11, 14 and 16 -
marked with 4 notches on

T. 19 N. R. 24 E. q. S. R. M.

Chains 1 and 2 on E. edges dug
 pits: 18x18x12 ins. in each
 Sec. 5 $\frac{1}{2}$ ft. dist. and
 raised a mound of
 earth 2 ft. high 4 $\frac{1}{2}$
 ft. base along side
 Surface rolling
 Soil sandy 3rd. rate
Good grazing

East on a random line
 bet. Secs. 11 and 14
 Va. 13° 52' E.

Over high prairie land

40.00

Set temporary 14 Sec. Cor.

60.00

Leave prairie land und
 disturbed

74.00

Cross sag 300 Chains wide
 W. S. E. and as usual

80.10

Entered N. and S. line

T. 19 N. R. 24 E. of S. R. M.

Chains 18 links S. of Cor. to Secs. 11, 12, 13 and 14 Thence I run S. 89° 55' W. on a true line bet. Secs. 11 and 14 with same ca.

4005 Set a sandstone 12x10x6 ins 6 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 alongside.

80.00 Cor. to Secs. 10, 11, 14 and 15 Surface rolling Soil sandy 3 rd. rate Good grazing

T. 19 N. R. 24 E. 9. S. R. M.

Chains North bet. Secs. 10 and 11
 Var. $18^{\circ}52'E$

Over high prairie

40.00 Set a sandstone $12 \times 10 \times 10$ ins. 8 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face; dug pits $18 \times 18 \times 12$ ins. S. and N. 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

80.00 Set a sandstone $17 \times 12 \times 9$ ins. 11 ins. in the ground for Cor. to Secs. 2, 3, 10 and 14 marked with 5 notches on S. and 2 on E. edges dug pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist. and raised a mound

T. 19 N. R. 24 E. G. S. P. M.

Chains of earth 2 ft. high 4 1/2 ft. base along side
Surface rolling
Soil sandy ord. rate
Good grazing

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

Na. 13° 52' E.

Over high prairie

40.00
80.10

Set temporary 1/4 Sec. Cor.
Entered - N. and S. line
14 links S of Cor. to
Secs. 1, 2, 11 and 12 Thence
I run S. 89° 54' W. on a
true line bet. Secs. 2 and
11 with same va.

40.05-

Set a sandstone 14x10x8
ins. pins in the ground
for 1/4 Sec. Cor. marked

T. 19 N. R. 24 E. G. S. R. M.

chains

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
W. cor. to Secs. 2, 3, 10 and 11

\$0.10

Surface rolling
Soil sandy & rd. rate
Good grazing

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

Na. 13° 52' E.

Over high prairie

26.28

Old overland stage road
bears N.E. and S.W.

29.00

Leave prairie land and
descend into breaks

40.00

Set temporary 1/4 Sec. Cor.

79.60

Entered N. Boundary

T. 19 N. R. 24 E. G. S. R. M.

Chains

of T. 18 links E. of Corito
Sec. 2, 3, 34 and 35 - which
was recently established
by me. Thence I run
S 0° 8' E. on a true line
bet. Sec. 2 and 3
with same va.

3960

Set a sandstone 17x12x8
ins. in the ground
for 1/4 Sec. Cor. marked
1/4 on N. face; dug
pits - 18x18x12 ins. in
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

7960

Look to Sec. 2, 3, 10 and 11
Surface rolling
Soil 3rd rate

T. 19 N. R. 24 O. G. S. R. M.

Chains

Good grazing

I carefully examined my solar compass to-day esp. particularly the latitude and reversing apparatus and found them correct. In November 1882

From the cor. to Secs. 34, 33 and 34 on S. Bound. of T. which was recently established by me. I run North bet. Secs. 33 and 34
 Va. $13^{\circ} 5' 2''$ E.

Ascend gradually

4000

Set a sandstone $18 \times 10 \times 10$ ins. 12 ins in the ground for $1/4$ Sec. Cor. marked $1/4$ on N. face; dug

T. 19 N. R. 24 E. G. S. R. M.

Chains pits 18x18x12 ins. N. and S. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base along side

8000 Set a sandstone 10x10x6 ins. 7 ins. in the ground for Cor. to Sec. 27, 28, 33 and 34 marked with 1 notch on S. and 3 on E. edge; dug pits 18x18x12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base along side
 Surface rolling
 Soil Prod. rate
Good grazing

East on a random line

S. 19 N. R. 24 E. of S. R. M.

Chains

bet. S. 1 vs. 27 and 34

Pa 13° 52' E

Ascend bluff

1255

Top of bluff bears N. W. and S. E. and descend

20.00

Foot of bluff bears N. W. & S. E.

40.00

Set temporary 1/4 Sec. cor.

69.20

Enter wash Co. S.

76.40

Leave same Co. S.

80.14

Intersect N. and S. line 14 links N. of cor. to Secs. 26, 27, 34 and 35

Thence I run S. N. 89° 54' W. on a true line bet. Secs 27 and 34 with same va.

49.07

Set a sandstone 15 x 10 x 6 ins. 10 ins in the ground for 1/4 Sec. cor. marked 1/4 on N. face; dug pit - 18 x 18 x 12 ins.

T. 19 N. R. 24 E. G. S. R. M.

Chains 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

80.14 Cor. to Secs. 27, 28, 33 and 34
Surface rolling
Soil 3rd. rate
Good grazing

North bet. Secs. 27 and 28
Va. $13^{\circ} 5' 2''$ E.

Ascend gradually over
rolling prairie

36.00 Top of paper bears E. and W.
and descend

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

T. 19 N. R. 24 E. G. S. R. M.

Chains pits 18x18x12 ins N. and S. of stone 5½ ft. dist. and raised a mound of earth ½ ft. high 3½ ft. base along side

8000 Set a sandstone 18x12x4 ins 12 ins in the ground for Cor. to S. Co. 21, 22, 27 and 28 marked with 2 notches on S. and 3 on E. edges dug pits 18x18x12 ins. in each S. Co. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base along side.

Surface rolling soil 3rd. rate

Good grazing

T. 19 N. R. 24 E. G. S. R. M.

- | | |
|--------|---|
| Chains | Cast on a random line bet.
Secs. 22 and 27
Pa. $13^{\circ} 52' E$ |
| 30.00 | Descend gradually over flat
Round spur |
| 37.00 | Top of spur bears N. and S
and descend |
| 40.00 | Set temporary $\frac{1}{4}$ Sec. Cor. |
| 71.00 | Cross wash 40 links wide
Co. S.E. |
| 79.94 | Entered N. and S. line
14 links N. of Cor. 15
Secs. 22, 23, 26 and 27
Thence I run N. $89^{\circ} 56' W$. on a
true line bet. Secs. 22 and 27
with same pa. |
| 39.97 | Set a sandstone $15 \times 12 \times 8$ ins.
10 ins. in the ground for
$\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on
N. face; dug pits 18×18 |

T. 19 N. R. 24 O. G. S. R. M.

Chains x 12 ins. in 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 red
 79.94 Cor. to Secs. 21, 22, 27 and 28
 Surface rolling
 Soil 3rd rate
Good grazing

Northe bit. Secs. 21 and 22
 Va., 13° 52' E.

Over broken surface

800 Foot of bluff fr. O. and W.
 1300 Top of bluff fr. E. and W.
 29.00 descend N. slope
 32.00 Foot of bluff fr. E. and W.
 4000 Set a sandstone 13x10x6
 ins. 8 ins. in the ground
 for 1/4 Sec. Cor. marked
 1/4 on N. face; dug

T. 19 N. R. 24 O. G. S. R. M.

- Chains pits 18x18x12 ins. N. and S.
of stone 5 1/2 ft. dist. and
raised a mound of
earth 1 1/2 ft. high 2 1/2
ft. base alongside
- 41.00 Cross dry wash 20 miles
wide Co. S. E.
- 80.00 Set a piece of petrified
wood 10x12x8 ins. 11 ins.
in the ground for
Cor. to Secs. 10, 16, 21 and
22 marked with 3 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
alongside
Surface rolling and broken
Soil 3 rd. rate

T. 19 N. R. 24 E. G. S. R. M.

Chains

Good grazing

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

Na. $13^{\circ} 52' E$.

Over broken surface

37.00

Cross dry wash 50 links
wide Co. S. and ascend

40.00

Set temporary $1/4$ Sec. Cor.

60.00

Top of hill bet. N. and S.
and descend

76.00

Cross dry wash 50 links
wide Co. S.E. Thence over
rolling surface

80.08

Entered - N. and S. line 15-
links N. of Cor. 15 Secs.
14, 16, 22 and 23 Thence I
run N. $89^{\circ} 54' W$. on a true
line bet. Secs. 16 and 22
with same va.

T. 19 N. R. 24 E. G. S. R. M.

Chains

40.04

Set a sandstone $16 \times 12 \times 8$ ins.
 11 ins. in the ground for 14
 Sec. Cor. marked 1/4 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 $\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft.
 base alongside

80.08

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

North bet. Secs. 15 and 16

Va. $13' 52'$ E.

Ascending over rough surface

40.00

Set a sandstone $14 \times 10 \times 6$ ins.
 9 ins. in the ground for
 14 Sec. Cor. marked

T 19 N. R. 24 E. G. S. R. M.

Chains 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 1 1/2 ft. high 3 1/2 ft.
 base along side

4000 Top of hill fr. E. and W.
 and over high prairie land

8000 Set a sandstone 14x10x6 ins.
 9 ins. in the ground for
 Cor. to Secs 9, 10, 16 and 16
 marked with 4 notches on
 S. and 3 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 and broken
 Soil 3rd. rate
Good grazing

T. 19 N. R. 24 E. q. S. R. M.

Chains Cast on a random line
bet. Secs. 10 and 15

Na. $\sqrt{3^{\circ} 52' E}$.

Over high prairie land.

40.00

Set temporary 44 Sec. Cor.

79.92

Entered N. and S. line

11 links S. of Cor. to Secs.

10, 11, 14 and 15 - Thence I run

S. $89^{\circ} 55' W$. on a true line

bet. Secs. 10 and 15 with

same va.

39.96

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

for 44 Sec. Cor. marked

44 on N. face dug 1

pits $18 \times 18 \times 2$ ins. E. and W.

of stone $0\frac{1}{2}$ ft. dist. and

raised a mound of

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

base along side

T. 19 N. R. 24 E. G. S. R. M.

Chains

79.92

Box to Secs. 9, 10, 15 and 16
 Surface rolling
 Soil 3rd. rate
good grazing

North bet. Secs. 9 and 10

Na. 13' 52' E.

Over high prairie land

40.00

Set a sandstone 15 x 10 x 5 ins.
 10 ins. in the ground for
 14 Sec. Box. 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
 alongside

42.70

Old overland stage road
 bears E. and N.

T. 19 N. R. 24 E. G. S. R. M.

Chains
80.00

Set a sandstone $14 \times 10 \times 6$ ins
 9 ins. in the ground for
 Cor. to Secs. 3, 4, 9 and 10
 marked with 5 notches on
 S. and 3 on E. edges; dug
 pits $18 \times 18 \times 12$ ins. in
 each Sec. $5\frac{1}{2}$ ft. dist.
 and raised a mound
 of earth 2 ft. high $4\frac{1}{2}$
 ft. base alongside
 Surface rolling
 Soil 3rd. val.
 Good grazing

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

Pa. $13^{\circ} 52' E.$

Over high prairie land
 Set temporary $\frac{1}{4}$ Sec. Cor.

40.00

T. 19 N. R. 24 E. G. S. R. M.

Chains

57.30

Old overland stage road
N.E. and S.W.

79.94

Entered N. and S. line
12 links S. of cor. to Secs.
2, 3, 10 and 11 Thence I run
S $89^{\circ} 55' W.$ on a true
line ^{bet Secs} with ³⁺¹⁰ same on

39.97

Set a sandstone $12 \times 10 \times 6$ 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 E.
and W. of stone $6\frac{1}{2}$
ft. dist. and raised a
mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. base
along side

79.94

Cor. to Secs. 3, 4, 9 and 10
Surface rolling

T. 19 N. R. 24 E. G. S. R. M.

Chains Soil 3 rd. rate
 Good grazing
 North on a random
 line bet. Secs. 3 and 4
 Na. $13^{\circ}52'E$.

Over high prairie

48.00

79.90

Set mark 14 Sec. Cor.
 Intersect N. Boundary 15
 miles N. of Cor. to Secs.
 3, 4, 33 and 34 which
 was recently set by me.
 Thence I run S. $10^{\circ}6'W$,
 on a true line bet. Secs.
 3 and 4 with 10 am or so.

39.90

Set a lava rock $16 \times 12 \times 4$
 ins. 11 ins. in the ground
 for 14 Sec. Cor. marked
 14 on N. face; dug
 pits $18 \times 18 \times 12$ ins. N.

T. 19 N. R. 24 E. of S. R. M.

Chains 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
79.90 loose along side
Cor. to Secs. 3, 4, 9, and 10
Surface rolling
Soil 3rd. rate -
Good grazing

From the Cor. to Secs. 4, 5, 32 and
33 on the S. Boundary of
T. which was recently
established by me I
run North bet. Secs. 32 and 33
Na. $13^{\circ} 52' E$.

Ascend gradually
40.00 Set a sandstone $10 \times 11 \times 9$
ins. 10 ins. in the ground
for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$
on NW face dug pits $18 \times$
 18×12 ins. N. and S. of

T. 19 N. R. 24 B. G. S. R. M.

Chains stone $8\frac{1}{2}$ 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 sandstone $20 \times 10 \times 8$
 ins. 10 ins. in the ground
 for $\frac{1}{2}$ in. Cor. to Secs.
 28, 29, 32 and 33 marked with
 1 notch on S. and 4 on
 E. edges dug pits $18 \times 18 \times 12$
 ins. in each Sec. $5\frac{1}{2}$ ft. dist.
 and raised a mound
 of earth 2 ft. high $4\frac{1}{2}$ ft.
 base along side
 Surface rolling
 Soil 3 rd. rate
Good grazing

Cast on a random
 line bet. Secs. 28 and 33
 Va. $13^{\circ} 5' 2''$ E.

T. 19 N. R. 24 E. G. S. R. M.

- Chains Along south slope.
- 40.00 Set temporary 1/4 Sec. Cor.
 80.08 & inserted N. and S. line 14
 links N. of Cor. to Secs.
 27, 28, 32 and 34 Thence
 I run N. $89^{\circ}54'$ W. on
 a true line bet. Secs.
 28 and 32 with same ca.
- 40.04 Set a sandstone $14 \times 11 \times 7$
 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. E. and W. of
 stone $5\frac{1}{2}$ ft. dist. and rais-
 ed a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
 alongside
- 80.08 Cor. to Secs. 28, 29, 32 and 33
 Surface rolling
 Soil 3rd. rate

T. 19 N. R. 24 E. of S. R. M

Chains Good grazingNorth bet. Secs. 28 and 29
Na. $13^{\circ} 52' E.$

Ascending gradually

40.00

Set a sandstone $13 \times 11 \times 9$ 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.

48.00

high $3\frac{1}{2}$ ft. base alongside
Top of hill bears E. and
N. and over high table land

80.00

Set a sandstone $13 \times 10 \times 0$
ins. 8 ins. in the ground for
Cor. to Secs. 20, 21, 28 and 29
marked with 2 notches on
S. and 4 on E. edges;

T. 19 N. R. 24 E. G. S. R. M.

Chains 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 rolling
 Soil 3rd rate sandy
Good grazing

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

N. 13° 02' E.

Over high Table land

40.00

80.10

Set temporary 1/4 Sec. Cor
 I entered - N. and S. line
 15 links north of Cor.
 to Secs. 21, 22, 27 and 28
 Thence I run N. 89°
 54' W. on a true line bet.
 Secs. 21 and 28

T. 19 N. R. 24 E. G. S. R. M.

Chains

40.05-

with same variation
 Set a sandstone 14 x 10 x 6
 ins. 9 ins. in the ground
 for 14 Sec Cor. marked
 1/4 on N. face, 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 along side
 Cor. to Secs 20, 21, 28 and 29
 Surface rolling
 Soil 3rd. rate sandy
 Good grazing

North bet. Secs. 20 and 21
 Va. 13° 52' E.

Over high table land

40.00.

Set a sandstone 14 x 12
 x 8 ins. 9 ins. in the

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BOOK

T. 19 N. R. 24 E. G. S. R. M.

Chains

for 1/4 Sec. Cor. 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 1/2 ft. high 3 1/2 ft.
base alongside

8000

Set a sandstone 20x10x0
ins. 16. ins. in the ground
for Cor. to Secs. 16, 17, 20 and 21
marked with 3 notches on
S. and 4 on E. edge: 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 alongside
Surface rolling
Soil sandy 3rd. rate
Good grazing

T 19 N. R. 24 E. G. S. R. M.

Chains	East on a random line bet. Secs. 10 and 21 Na. $13^{\circ}52'E$.
	Over high table land
41.00	Set temporary 1/4 Sec. Cor.
63.56	Leave table land bears N. and S. and divided into breaks
79.92	Intersect N. and S. line 13 miles north of Cor. 10 Secs. 15, 10, 21 and 22
	Thence I run N. $89^{\circ}54'W$. on a true line bet. Secs. 10 and 21 with same or.
39.96	Set a sandstone 10 x 12 x 8 ins. 11 ins in the ground for 1/4 Sec. Cor. marked 1/4 on N. face dug pits 18 x 18 x 12 ins. in E. and W. of stone $5\frac{1}{2}$

T. 19 N. R. 24 E. of S. R. W.

Chains ft. dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base along side

79.92 Cor. to Secs. 16, 17, 20 and 21
Surface ~~nothing~~ $52^{\circ} E$
Soil sandy 3rd. rate
Good grazing

North bet. Secs. 16 and 17
 $N. 13^{\circ} 52' E.$

40.00 Over high prairie land
Set a sandstone $12 \times 10 \times 9$
ins. 8 ins. in the ground
for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on West. face; dug
pit $18 \times 18 \times 12$ 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.

T. 19 N. R. 24 E. G. S. R. M.

Chains

68.16

Old outland Sage road
bears N.E. and S.W.

80.00

Set a sandstone $17 \times 13 \times 9$
ins. 11 ins. in the ground
for cor. to Secs. 8, 9, 10 and 17
marked with 4 notches on
S. and E. edges. dug pits,
 $18 \times 18 \times 12$ ins. in each
Sec. $5\frac{1}{2}$ ft. dist. and
raised a mound of
earth 2 ft. high $4\frac{1}{2}$ ft.
base along side
Surface rolling
Soil 3rd rate -
Good grazing

Cast on a random line
bet. Secs. 9 and 10
Na. $18^{\circ} 52' E.$

T. 19 N. R. 24 E. J. S. R. M.

Chains

15.86-

Over high prairie land
Old overland stage road
bears N. E. and S. W.

40.00

Set temporary 1/4 Sec. Cor.

79.90

I returned N. and S. line
11 miles South of Cor. to
Secs. 9, 10, 16 and 17 Thence
I run. S. $89^{\circ} 55'$ W. on a true
line bet. Secs. 9 and 10
with same ea.

39.95-

Set a sandstone $12 \times 10 \times 6$ ins
stone in the ground for 1/4 Sec.
Cor. marked 1/4 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

79.90

Cor. to Secs. 8, 9, 10 and 17
Surface rolling

T. 19 N. R. 24 Q. J. S. R. M.

Chains Soil sandy 3rd. rate -
Good grazing

North bit. Sid. 8 and 9
 Na. $13^{\circ} 52' E$.

3300 Over high prairie land
 Leave prairie land for
 N. E. and S. W. and do und
 rite tracks

4000 Set a sandstone $12 \times 10 \times 6$
 ins. 8 ins. in the ground
 for 1/4 Sec. Cor. marked
 1/4 on N. face dug pits -
 $18 \times 18 \times 12$ ins. in 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

7800 Cut flat - bears
 E. and W.

T. 19 N. R. 24 E. g. S. R. M.

Chains
8000

Set a sandstone 20 x 10 x 8 ins
15 ins. in the ground for
1/4 Sec. Cor. ~~first~~ Secs.
4, 5, 8 and 9 marked with
5 notches on S. and 4 on
E. edges; dug pits - 18 x 18 x
12 ins. in each Sec.
3 1/2 ft. dist. and raised
a mound of earth 2 ft.
high 4 1/2 ft. base
along side
Surface rolling
Soil sandy & rd. red -
Good grazing

East on a random line
bet. Secs. 4 and 9
Va. 13° 52' E.
Over broken surface

T. 19 N. R. 24 E. G. S. R. M

- Chains
5,000
As end abruptly
Top of bluff bet N. and S.
and descend over broken
hills
- 4000
5000
Set temporary 1/4 Sec. Cor.
Intersect 15' links Prof Cor.
to Secs. 3, 4, 9 and 10 Thence
I run S. 89° 54' N. on a
true line bet. Secs. 4 and 9
with same va.
- 4006
Set a lava rock 18x18x
10 ins. 12 ins. in the ground
for 1/4 S. 10. Cor. marked
1/4 on N. face dug pits
18x18x12 ins. E. and W.
of stone 5 1/2 ft. dia. and
raised a mound of
earth 1 1/2 ft. high 3 1/2 ft.
base along side
- 5000
Cor. to Secs. 4, 5, 8 and 9

T. 19 N. R. 24 E. G. S. R. M.

Chairs Surface rolling
Soil sandy & rd. rate-
Good grazing

North on a random
line bet. Secs. 4 and 5-
Na. $13^{\circ}52'E$

5-00 Leave flat bears E. and N.
and ascend over rough
surface

10-50 Top of point of spur bears
E. and N. and descend

18-61 Cross wash 20 links wide
E. & N. and ascend

40-00 Set temporary 1/4 Sec. Cor.

79-90 Entered N. Boundary of T.
20 links N. of Cor. 1/4 Secs.
4 07 32 and 33 which was
recently established by me
Thence I run $S. 0^{\circ}9' N.$

T. 19 N. R. 24 E. J. S. R. M.

Chains

on a true line bet: Secs. 4 and 5 with same va.

8990

Set a sandstone 13 x 9 x 6 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 8 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 8 1/2 ft. base along side Cor. to Secs. 4, 5, 8 and 9

7990

Surface rolling and broken soil sandy 3rd. rate
Good grazing

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

N. or. 14th. 1882

T. 19 N. R. 24 E. G. S. R. M.

Chains. From the Cor. to Secs.
30, 31, and 32 on S. Bound.
of T. which was recently
established by me. I run
North bet^w Secs. 31 and 32
Na. $18^{\circ} 5' 2''$ E.

Ascending gradually

40.00

Set a sandstone $12 \times 10 \times 6$
ins. 8 ins. in the ground for $\frac{1}{4}$
Sec. Cor. marked $\frac{1}{4}$ on N. face
dug pit - $18 \times 15 \times 12$ ins.
N. and S. of stone $5\frac{1}{2}$
ft. dist. and raised a
mound of earth $\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base
along side

80.00

Set a sandstone $14 \times 10 \times 8$
ins. 9 ins. in the ground
for Cor. to Secs. 29, 30, 31 and
32 marked with

T. 19 N. R24 E. G. S. Q. M.

Chains

1 notch on S. and 5- on Q.
edges; dug pits 18x18x12
in. in each Sec. 5 1/2 ft.
dist. and raised a mound
of earth 2ft. high 4 1/2 ft.
base along side.

Surface rolling
Soil sandy & m. rate
Good grazing

Cast on a random line
bet Secs. 29 and 32

Na. 13° 5-2' E.

Along South slope

40.00

79.94

Set a temporary 1/4 Sec. Cor.
I intersect N. and S. line
11 links N. of W. or. to Secs.

28, 29, 32 and 33 Thence I run
N. 89° 5-5' W. on a true line
bet. Secs. 29 and 32

T. 19 N. R. 24 E. G. S. R. M.

Chains with same on.

39.97 Set a sandstone 14x10x6 ins
9 ins. in the ground for 14
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

79.94 Cor. to Secs. 29, 30, 31 and 32.
Surface rolling
Soil sandy 3 rd. vol.
Good grazing

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

5a. 13° 52' E.

Along south slope
Ascending gradually
Top of hill bears N. E.

T. 19 N. R. 24 Q. G. S. R. M.

Chains and S. W. hunc of over high
 table land
 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
 79.40 Subdiv. N. Bound. of T.
 13 miles S. of Cor. to Secs.
 25, 30, 31 and 32 which
 was recently established by me
 Thence I run S. $89^{\circ}54'$ \odot on
 a true line ^{with Secs. 30 and 31} with paint or.
 39.40 Set a sandstone $14 \times 12 \times 4$
 9 ins. in the ground for
 $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on
 N. face dug pit $18 \times 18 \times 12$ ins
 \odot 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
 79.40 Cor. to Secs. 29, 30, 31 and 32
 Surface rolling
 Soil 3rd rate sandy

T. 19 N. R. 24 E. J. S. Q. M.

Chains good grazing

Noth-hk. Sec. 29 and 30

Co. 13° 52' E.

Ascending gradually

4000

Set a sandstone 12x10x5
ins. 8 ins. in the ground
for 14 Sec. Cor. marked
14 on N. face; dug pits
18x18x12 ins. in S. 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

5000

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

8000

Set a sandstone 20x10x4 ins
15 ins. in the ground for
Cor. to Sec. 19, 20, 29 and 30
marked with 2 notches on

T. 19 N. R. 24 E. G. S. Q M

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

Part on a random line
bet. Secs. 20 and 29

Na. 14° E

Over high table land

4000

8008

Set temporary 1/4 Sec. Cor.

Intersect 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 & 29
with same va.

4004

Set a sandstone 18 x 10 x 6 ins

T. 19 N. R. 24 E. G. S. P. M.

Chains ^{1/4 Sec.} pins in the ground for Cor. marked 1/4 on N. face; dug pits 18x18x12 ins. E. and W. 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

8008 Cor. to Secs. 19, 20, 29 and 30
Surface rolling
Soil sandy 3rd. rate
Good grazing

Went on a random line bet. Secs. 19 and 30
Variation 14° E of art.
Over high table land

4000
7932 Set trap 1/4 Sec. E. Cor. I entered N. Bound. of T. 13 links S. of Cor. to Secs. 19, 24, 25 and 30

T. 19. N. R 24 E. G. S. R. M.

Chains which was recently established
by me. Thence I run
S. $89^{\circ}54'$ E. on a true line
bet. Secs. 19 and 30
with same va.

39.32 Set a sandstone $10 \times 10 \times 18$
ins. 11 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. 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

79.82 Cor. to Secs. 19, 20, 29 and 30
Surface rolling
Soil sandy & red. soil.
Good grazing

November 16th 1852

T. 19 N. R. 24 E. G. S. R. M.

Chains North-tel. Secs. 19 and 20
 Va. $13^{\circ} 52' E.$

Over high prairie

40.00 Set a sandstone $13 \times 11 \times 9$ 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

80.00 Set a sandstone $20 \times 8 \times 8$ ins.

15 ins. in the ground for Cor. to

Secs. 17, 18, 19 and 20 marked
 with 3 notches on S. and 4

on E. edges, dug pits $18 \times 18 \times 12$
 ins. in each Sec. $5\frac{1}{2}$ ft.

dist. and raised a mound
 of earth 2 ft. high $4\frac{1}{2}$ ft.

base around stone

Surface rolling

T. 19 N. R. 24 E. - G. S. R. M.

Chains

Soil sandy
Good grazing

Cast on a random line bet.
 Secs. 17 and 20

Va. $13^{\circ}52'G$.

Over high forairie

40.00

Set a temporary $1/4$ Sec. Cor.

79.96

Intersect N. and S. line
 12 links north of Cor. to
 Secs. 16, 17, 20 and 21

Thence I run N. $89^{\circ}55'W$.
 on a true line bet. Secs.
 17 and 20 with same va.

39.98

Set a sandstone $60 \times 8 \times 7$ ins.
 7 ins. in the ground for
 $1/4$ Sec. Cor. marked $1/4$
 on N. face: dug pit
 $18 \times 18 \times 12$ ins. E. and W.
 of stone $5\frac{1}{2}$ ft. dist.

T. 19 N. R. 24 E. G. S. Q. M.

- Chains and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side
- 79.96 Cor. to Secs. 17, 18, 19 and 20
 Surface rolling
 Soil 3rd. rate sandy
Good grazing
- West on a random line bet. Secs. 18 and 19
 Va. $13^{\circ} 5' 2''$ E.
- 4000 Over high prairie
 Set a temporary $1/4$ Sec. Cor.
- 61.77 Old overlaid stage road bears N. E. and S. W.
- 79.20 I ulined N. Bound. of T. 19 limbs S. of Cor. to Secs. 18, 19 and 24 which was recultly set

T. 19 N. R. 24 E. G. S. R. M.

Chains by me. Thence I run $S 89^{\circ}$
 $54'$ E. on a true line bet.
 Secs. 18 and 19 with-
 same or.

3920 Set a sandstone $17 \times 12 \times 5$
 ins. 11 ins. in the ground
 for $1/4$ Sec. Cor. marked
 $1/4$ on N. face dug pits
 $15 \times 15 \times 12$ ins. E. and W.
 of stone $5\frac{1}{2}$ ft. dist. and
 raised a mound of
 earth $1\frac{1}{2}$ ft. high $5\frac{1}{2}$
 ft. base along side

7920 Cor. to Secs. 17, 18, 19 and 20
 Surf all rolling
 Soil 3rd. rate
Good grazing

North bet. Secs 17 and 18
 $N. 12^{\circ} 52' E.$

T. 19 N. R. 24 E. G. S. & M.

- Chains Over high prairie
 18.26 Old overland stage road
 bears N.E. and S.W.
- 30.00 Leave high prairie land
 bears E. and W. and descend
 into breaks
- 40.00 Set a sandstone 13x10x6 ins.
 8 ins. in the ground for 1/4
 Sec. Cor. marked 1/4 on
 W. face and raised a
 mound of stone along side
- 73.00 Cross wash 5 links wide
 E. N.W. and ascend
- 80.00 Set a sandstone 13x10x8
 8 ins. in the ground for
 Cor. to Secs. 7, 8, 17 and 18
 marked with 4 notches on
 S. and 5 on E. edges; and
 raised a mound of stone
 along side Pite. impracticable.

T. 19 N. R. 24 E. g. S. R. M.

Chains

Surface rolling
Soil 3rd. rate sandy
Good grazing

East on a random line
bet. Secs. 8 and 17

Na. $13^{\circ}52'$ E.

Ascending over rough country

40.00

Set temporary 1/4 Sec. Cor.

61.00

Top of trees bears N. E.
and S. W. Thence over
high prairie country

79.80

Intersect N. and S. line
13. links N. of Cor. to Secs.
8, 9, 10 and 17 Thence down
N. $89^{\circ}54'$ W. on a true line
bet. Secs. 8 and 17 with
same or.

39.90

Set a sandstone $20 \times 20 \times 5$
ins. 15 ins. in the ground

T. 19 N. R. 24 E. G. S. R. M.

Chains for 1/4 Sec. Cor. marked
 1/4 on N. face; dug pits
 18x18x12 ins. on 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
 7980 Cor. to Secs. 7, 8, 17 and 18
 Surface rolling
 Soil sandy & rate
Good grazing

West on a random line
 bet. Secs. 7 and 18.
 Va. 13° 5' 2" E.

Descending

6.84 Cross dry wash 5-6 links
 wide to N. W. and ascend
 gradually over washed land

23,070

Foot of bluff bears N. E. and S. W.

T. 19 N. R. 24 E. g. S. 2 M.

- Chains
 25.00 Top of bluff bears N.W.
 and S.E.
 32.00 Edge of same and descend
 38.75 Enter Flat bears N.E. and S.W.
 41.10 Set temporary $\frac{1}{4}$ Sec. Cor.
 79.18 Intersect N. boundary
 of T. 10 ^{recently established by me} S. of the
 to Secs. 7, 12, 13 and 18.
 Thence I run $S 89^{\circ} 56' 0''$
 on a true line bet. Secs.
 7 and 18 with same on.
 39.18 Set a ^{concrete} $14 \times 10 \times 10$ 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
 S. and N. of stone $5\frac{1}{2}$ ft.
 dist. and raised a mound
 earth $1\frac{1}{2}$ ft. high $8\frac{1}{2}$ ft.
 base along side

T 19 N. R 24 E. g. S. R. M.

Chains

79.18 Cor. to Secs. 78.17 and 18
 Surface rolling
 Soil 3rd. rate
 Good grazing

North pt. Secs. 7 and 8
 Va. 13° 52' E.

Ascending

150

Point of rocky spur bears
 E. and N. and descend

750

Enter flat bears N.E. and S.W.

4000

Set a sandstone 15-x-10-x6-
 ins. 10 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

T. 19 N. R. 24 Co. J. S. R. M.

Chains
80.00

3 1/2 ft. base along side
Set a sandstone 13x10 1/2 ins
8 ins. in the ground
for " Cor. to Secs. 5, 4, 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 4 1/2 ft. base
along side

Surface rolling
Soil 3rd. rate
Good grazing

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

Na. 18° 52' E.

Over sandy flats

40.00

Set temporary 1/4 Sec. Cor.

T. 19 N. R. 24 E. G. S. R. M.

Chains

- 5-5.90 Cross wash 50 links wide
Co. N. N.
- 6440 - Cross ^{same} wash Co. S. N.
- 80.08 Quadrant - N. and S. line
13 links S. of Cor. to Secs.
4, 5, 8 and 9 Thence I run
S. $89^{\circ}54'$ W. on a true line
bet. Secs. 5 and 8 with same
va.
- 40.04 Set a sandstone $12 \times 8 \times 8$
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. E. and W.
of stone $6\frac{1}{2}$ ft. dist. and
raised a mound of
sand $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base alongside
- 80.08 Cor. to Secs. 5, 6, 7 and 8
Surface rolling. Soil 3/4 c. ^{large} _{rod} ^{Grapping.}

T. 19 N. R. 24 E. G. S. R. M.

Chains

Went on a road on line bet.
Sec. 6 and 7
Va. 13° 52' E.

29.00

Over flat
Enter Carrizo wash to SW.

36.80

Leave same

40.00

Set temporary 1/4 Sec. Cor.

5-8.00

Point of rocky spur bears
N. and S. and the end

79.02

Intersect N. Bound. of
T. 12 links N. of Cor. To
Secs. 1, 6, 7 and 12 ^{recently established by} Thence
I run N. 89° 55' E. on a
true line with same or.

89.02

Set a sandstone 13 x 8 x 5 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 N.
of stone 5 1/2 ft. dist-

J. 19 N. Q. 24 E. G. S. Q. M.

Chairs and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base alongside

79.02 E. Cor. to Secs. 5, 6, 7 and 8
Surface rolling
Soil sandy
Good grazing

North on a random line
bet. Secs. 5 and 6
No. $13^{\circ}52'$ E.

26.90 Over sandy flat
Outer Carrizo wash
Co. S. M.

37.20 Leave same

40.00 Sets temporary $\frac{1}{4}$ Sec. Cor.
80.08 I intersect - N. Bound. of
T. 12 miles N. of Cor. to
Secs. 5, 6, 31 and 32
which was recently

T. 19 N. R. 24 E. g. S. Q. M.

Chains watched by me. Thence
 I run $S 0^{\circ} 5' N$ on a
 true line with same sta.
 40.08 Set a sandstone $14 \times 10 \times 8$
 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. 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
 80.08 Cor. to Secs. 5, 6, 7 and 8
 Surface rolling
 Soil 3rd. rate
Good grazing

I carefully examined
 my solar compass
 to-day particularly

T. 19 N. R. 24 E. g. S. P.M.

Chambers the latitude and reversing
apparatus and found
them correct
Nov. 16th 1882

T. 19 N. R. 24 E. 9. S. R. M.

General Description

The surface of this township is mostly rolling part broken. The Soil is 2nd. and 3rd rate and is sandy.

It is crossed by the Rio Puerco and dead River wash Carrizo Creek which is dry in summer crosses the N. W. Cor. of Township.

There is one settler by the name of John Mulvany in the S. E. quarter of Sec. 36.

Good grazing is to be found throughout the Twp.
Henry Myrick D.S.

For final notes see book XVIII

U. S. Surveyor General's Office,

TUCSON, ARIZONA. April 23, 1883

The foregoing Field Notes of the Survey of the

Subdivision lines of
Township 19 North Range
24 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. M. Robbins
Surveyor General.