

No-175-

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

- OF -

Township 13 North Range 31 East

Gila and Salt River Base and Meridian

ARIZONA.

By Milton Banta D. S.

under contract dated Apr. 29, 1882

Survey commenced Aug. 25, 1882

Survey completed Aug. 29, 1882

175

No-175-



No-125-

Subdivisions. Lines
N. 13 N. R. 31 E.

2

17K 175

INDEX DIAGRAM.

Township 13 N.

Range 31 E.

Gila and Salt River Meridian

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Gila and Salt River, Arizona.

ARIZONA.

No-125³

Subdivision \uparrow 13 N. R 31 E.

Gila & Salt River Meridian

chains

Survey commenced Aug 25.
1882. with Burts Patent
Improved Solar compass,
nearly new, and in first
rate order, Made by Otto
Fimmel of Basel, Germany
in 1881.

Before proceeding to subdivide
this Sp. I made a change of
5 minutes in the latitude
arc of my solar compass,
by subtracting same from
the reading previously given,
and at noon verified and
corrected same by observation
on the sun I further tested
instrument by reversing.

BOOK 175

S. 13 N. R. 31 E.

chains

From the corner to secs. 33 & 34, on S. P. of T_p. which is a post 4 ins. sq. set firmly in mound of stone marked - S. C. S. 13 N. R. 31 E. on N. S. 34 on E. and S. 33 on W. faces, with 3 notches on E & W. faces, Thence I run North bet. secs. 33 & 34. Var. 13° 42' E.

Ascend

4.000 Set a sandstone 18+16+12 ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face, and raised a mound of stone along side. Pits impracticable.

T. 13 N. R. 31 E.

- | | |
|-----------------|---|
| chains
43.00 | Top of Ridge, brs N. W. + S. E.
and descend. |
| 80.00 | Set a post 4 ft. long, 4 ins. sq.
with marked stone, 12 ins. in
the ground, for cor. to Secs.
27, 28, 33 + 34. marked
T. 13 N. S. 27. on N. E.
R. 31 E. S. 34 on S. E.
S. 33. on S. W. and
S. 28 on N. W. faces, with
3 notches on E + 1 notch
on S. edge, dug pits 18+18+12
ins. in each sec. 5 1/2 ft. dist.
and raised a mound of
earth 2 ft. high, 4 1/2 ft. base
around post.
Land mountainous
Soil 2 ^d rate |

BOOK 175
S. 13 N. R. 31 E.

Chain

Timber of Cedar
Vegetation, Bunchgrass.

East on a random line,
bet. secs. 27 + 34.

Var. $13^{\circ} 50' E.$

Descend

21.15 Intersect Boundary line,
bet. Arizona and New
Mexico, at a point which
bears North 12.39 chs from
the 173^d mile post, and
Set a post 4 ft. long, 4 ins. sq.
with marked steel, 12 ins.
in the ground, for closing
cor. to Secs. 27 and 34.
marked C. C. S. 13 N. R. 31 E. in 91.

S 13 N. R 31 E.

chain

S. 27 on N. and
 S. 34 on S. faces, with 5 notches
 on N and 1 notch on S. faces.
 dug pits 18 x 18 x 12 ins. N. S. &
 W. of post 5/8 ft. dist. and
 raised a mound of earth
 2 ft. high, 4 1/2 ft. base around
 post.

Land rolling

Soil 2^d rate

Vegetation, Bunchgrass &
 Sagebrush.

Trunk of Cedar.

North bet. secs. 27 x 28

Var. 13° 50' E.

Descend gradually

BOOK 175
O. 13 N.

R. 31 E.

chains

40.00

Set a post 2 ft. long, 3 ins. dia. with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. on W. face, along pits 18 x 18 x 12 ins. N x S. of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for cor. to Secs. 21, 22, 27 & 28, marked S. 13 N. S. 22. on N. E. R. 31 E. S. 27 on S. E. S. 28 on S. W. and S. 21 on N. W. faces, with 2 notches on S. and 3 notches

S. 13. N. R 31 E.

chains

on E. edges. dug pits 18 + 18 1/2
ins. in each sec. 5 1/2 ft. dist.
and raised a mound of
earth 2 ft. high 4 1/2 ft. base
around post.

Land rolling.

Soil 3d late

Vegetation, Bunchgrass &
Sagebrush.

Timber of cedar.

East, on a true line, bet.

Secs. 22 + 27

Var. 13° 50' E.

Descend gradually

20.67 Intersect Boundary line
bet. Arizona and New

BOOK 175

S. 13 N. R 31 E.

Chain

Mexico, at a point which
 brs. North 12.79 chs from
 the 172nd Mile post and
 Set a post 4 ft. long, 4 ins.
 square, with marked stone,
 12 ins. in the ground, for
 closing cor. to Secs. 22 & 27
 marked C.C. S. 13 N. R 31 E.
 on W. S. 22 on N. and
 S. 27 on S. faces, with 4
 notches on N. and 2 notches
 on S. faces, dug pits 18 x 18 x 12
 ins. N. S. & W. of post. 5 1/2
 ft. dist. and raised a
 mound of earth 2 ft high,
 4 1/2 ft. base around post.
 Land rolling.
 Soil 3^d rate

T. B. N. R. 31 E.

chains

Vegetation, Bunch grass
 Sagebrush.
Plumber of Cedars.

North bet. Secs. 21 & 22
 Var. $13^{\circ} 50' E.$

Descent

19.25 Cross Road to New Mexico,
 bro. E & W.

39.80 Cross Wash 8 lks wide canal
 N. 20° W. and ascend

40.00 Set a Sandstone $14 + 12 + 8$ ins.
 9 ins. in the ground, for $\frac{1}{4}$
 sec. cor. marked $\frac{1}{4}$ on W.
 face, and raised a mound
 of stone, alongside, Pits
 unperceptible.

BOOK 175
S. 13 N. R. 31 E.

chains	
42.00	Leave timber, br. E. W.
43.00	Top of spur br. N. W. and S. E. and descend
50.35	Cross Wash 100 yds wide, course N. 80° W. and ascend
80.00	Set a Sandstone 18+16+4 ins. 12 ins. in the ground, for cor. to Secs. 15+16. 21+22. marked with 3 notches on S. and E. edges, dug pits 18+18+12 ins. in each sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base, along- side. Land rolling Soil 3 ^d rate Vegetation, Bunchgrass & Sagebrush Number of cedar.

S. 13 N. R. 31 E.

chains

East on a true line bet.
Secs. 15 & 22.Var. $13^{\circ} 56' E$

Descend

19.02 Intersect Boundary line
between Arizona and New
Mexico, at a point which
bears North 12.65 chs from
the 171st Mile post. and
Set a post 4 ft. long 4 ins.
sq. with marked stone, 12
ins. in the ground, for
closing cor. to Secs. 15 & 22
marked C. C. S. 13 N. R. 31 E. on N.
S. 15 on N. and

S. 22 on S. face, with 3 notches
on N. & S. face, dug pits
 $18 \times 18 \times 12$ ins. N. S. & W. of

BOOK 175

S. 13 N. R 31 E

chains

post, 5/2ft. dist. and raised
 a mound of earth 2ft. high,
 4 1/2ft. base around post.
 Land rolling.
 Soil 3^d rate
 Vegetation, Bunchgrass.

North, bet. secs. 15 & 16.
 Var. 13° 56' E.

Ascend

13.75 Enter timber, br. Ex N.
 40.00 Set a post 3ft. long 3 ins. dia
 with marked stone, 12 ins.
 in the ground, for 1/4 sec.
 cor. marked 1/4 S. on N. face,
 dug pits 18 x 18 x 12 ins. W. of
 a post 5 1/2ft. dist. and

BOOK 175

N. 13 N R 31 E.

chains

raised a mound of earth $1\frac{1}{2}$ ft high, $3\frac{1}{2}$ ft. base around post.

8000

Set a sand stone $12 \times 10 \times 8$ ins. 8 ins. in the ground for Cor. to Sec. 9, 10, 15 & 16. marked with 3 notches on E. and 4 notches on S. 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 on Top of Ridge to Ex W. and descend

Land unmountainous

Soil 3^d rate

Vegetation, Bunch grass & Sagebrush

Timber of Cedar.

BOOK 175

N 13 N. R 31 E

chains

East. on a true line bet.
Secs. 10 & 15.

Var. $13^{\circ} 54' E$.

Descend

19.15 Intersect Boundary line, bet.
Arizona and New Mexico
at a point which is North
13.10 chs from the 170th Mile
post. and set a Post 4 ft. long
4 ins. sq. with marked stars
12 ins. in the ground, for
closing cor. to Secs. 10 & 15.
marked C. C. T. 13 N. R 31 E. on N.
S. 10. on N. and
S. 15 on S. faces, with 2
notches on N. and 4 notches
on S. faces, dug pits 18x18x12
ins. N. S. & W. of post. $5\frac{1}{2}$

BOOK 175

S. 13 N. R 31 E.

chains

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

Land rolling

Soil 3d. rate

Vegetation, Bunchgrass, Sagebrush

Timber of cedar.

North bet. secs. 9 + 10.

Var. 13° 54' E.

Descend

4000

Set a Sandstone 10x 10x 10 ins. 7 ins. in the ground, for 1/4 sec. Cor. marked 1/4 on W. face, dug pits 18x 18x 12 ins. N + S. of stone 5 1/2 ft. dist. and raised

BOOK 175

N 13 N. R 31 E.

Chains

a mound of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base, alongside,
 and continue descent

8000

Set a Sandstone $13 \times 11 \times 6$ ins
 given in the ground, for cor.
 to Secs. 3, 4, 9 & 10. marked
 with 5 notches on S. and 3
 notches 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.

Land unimproved

Soil 2^d rate

Timber of Cedar

Vegetation Runch grass.

S. 13 N. R 31 E.

chains

Cast on a true line, bet.
Secs. 3 & 10.

Var. $13^{\circ} 50' E.$

Descend.

19.00 Intersect Boundary line, bet.
Arizona and New Mexico,
at a point which br. North
13.43 chs from the 169th mile
post. and set a Sandstone
12 + 8 + 5. us. 8 us. in the
ground for closing cor. to
Secs. 3 & 10. marked

C. C. with 1 notch on N. and
5 notches on S. edges, dug
pits 18 + 18 + 12 us. S. E. & W. of
stone, $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
2 ft. high $4\frac{1}{2}$ ft. base, alongside

BOOK # 75

S. 13. N. R 31 E!

chain

Land rolling
 Soil 3d. ratt
 Vegetation, Bunchgrass
 Sagebrush
 Timber of Cedar.

North on a random line,
 bet. Secs. 3 & 4.

Var. $13^{\circ} 30' E$.

Ascend

- 26.00 Top of Mesa to N.S. and
 descend, gradually.
 40.00 Set temporary $\frac{1}{4}$ sec. cor.
 48.00 Descent becomes abrupt
 66.20 Cross Wash 7 lbs wide course N.
 and ascend
 79.87 Intersect N. Ry of Tp. 3lb.

BOOK 175

N 13 N R 31 E!

chains

East of cor. to secs. 3, 4, 93 & 94
 — which is a Sandstone
 14 × 12 × 8 ins. firmly set in
 the ground, marked with
 3 notches on E & W. edges, with
 pits 18 × 18 × 12 ins. in each
 sec. 5/8 ft. dist. with mound
 of earth alongside,
 Thence Thence.

S 1' E. on a true line, bet.
 secs. 3 & 4.

Var. 13° 40' E

39.87 Set a Sandstone 12 × 10 × 5 ins.
 8 ins. in the ground, for 1/4
 sec. cor. marked 1/4 on W. face
 dug pits 18 × 18 × 12 ins. N. of
 of stone 5/8 ft. dist. and
 raised a mound of earth

BOOK 175
S. 13 N. R. 31 E.

Chairs

1 1/2 ft. high 3 1/2 ft base, alongside.
79.87 The corner to Secs. 3, 4, 9 & 10.

Land rolling

Soil 3d rate

Vegetation Bunchgrass

Sagebrush

Timber of cedar.

Aug. 25, 1882.

From the cor. to Secs. 4, 5,
32 x 33, on S. By of Sp.
which is a post 4 ft. long,
4 ins sq. set firmly in mound
of earth for Standard cor.
to Secs. 32 x 33. marked
S.C. S. 13 N. R. 31 E on N.
S. 33 on E and

S. 13 N. R. 31 E.

chains

S 32 on W. face. with 2 notches on E and 2 notches on W. faces, and dug pits 18 x 18 x 12 ins. N. E. x W. of post, 5 1/2 ft. dist.

Descend 1 mu

North bet. secs. 32 + 33.

Var. 13° 40' E.

Ascend gradually

22.00 Cross Road bet N. W. x S. E.

40.00 Set a post 8 ft. long, 3 ins. dia. with marked stone, 12 ins. in the ground, for 1/4 sec. cor. marked 1/4 S. on W. face, dug pits 18 x 18 x 12 ins. N. x S. of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

80.00 Set a post 4 ft. long, 4 ins.

BOOK 175

S. 13 N. R 31 E.

chain

square, with marked stave,
12 ins. in the ground, for cor.
to Secs. 28 29. 32 & 33. marked
S. 13 N. S. 28 on N. E.

R 31 E. S. 33. on S. E.

S. 32 on S. W. and

S. 29. on N. W. faces, with 4
notches on E & 1 notch on S.
edges, dug pits 18+18+12 ins.
in each sec. 5/2 ft. dist. and
raised a mound of earth
2 ft. high 4 1/2 ft. base, around
post from which

a Cedar 26 ins. dia. br. N. 25° E. 100 lbs. dist.
marked S. 13 N. R 31 E. S. 28. B. S.

a Cedar 20 ins. dia. br. S. 63° E. 47 lbs. dist.
marked S. 13 N. R 31 E. S. 33. B. S.

a Cedar 24 ins dia. br. S. 30° W. 69 lbs dist.

BOOK 175

T. 13 N. R. 31 E.

chain

marked T. 13 N. R. 31 E. S. 32 B. S.
A cedar 16 ins. dia. br. N 42° W. 17 lks dist.
marked T. 13 N. R. 31 E. S. 29 B. S.

Land rolling.

Soil 2d rate

Vegetation Bunchgrass
Timber of cedar.

East on a random line, bet.
Secs. 28 & 33.

Var. 13° 45' E!

Ascend gradually.

31.50 Top of ridge, brs N. W. & S. E. and
descend gradually.

40.00 Set temporary 1/4 sec. cor.

79.93 Intersect N & S. line, 7 lks S.
of cor. to secs. 27, 28, 33 & 34

BOOK 175
 S. 13 N. R. 31 E.

chain

from which corner I run
 S $89^{\circ} 57'$ W. on a true line,
 bet. secs. 28 & 33.

Var. $13^{\circ} 50'$ E.

39.97 Set a post 3 ft. long, 3 ins. dia.
 with marked stone, 12 ins. in the
 ground, for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. on N. face, dug pits $18 \times 18 \times 12$
 ins. E. W. of post $5 \frac{1}{2}$ ft. dist.
 and raised a mound of earth
 $1 \frac{1}{2}$ ft. high, $3 \frac{1}{2}$ ft. base around
 post.

79.93 The corner to Secs. 28, 29, 32 & 33.
 Land rolling
 Soil 2^d rate
 Vegetation Bunchgrass
 Number of cedar.

BOOK 175

N 3 N. R 31 E.

chairs

North bet. secs. 28 + 29.
Var. 13° 45' E.

Descend gradually.

40.00

Set a Sandstone 13 + 11 + 4 ins.
9 ins. in the ground, for $\frac{1}{4}$ sec.
Cor. marked $\frac{1}{4}$ on W. face,
dug pits 18 + 18 + 12 ins. N + S.
of stone $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft.
high, $9\frac{1}{2}$ ft. base alongside.

80.00

Set a Sandstone 15 + 11 + 9 ins.
10 ins. in the ground, for cor.
to Secs. 20, 21, 28 + 29, marked
with 4 notches on E and
2 notches on S. edges, dug
pits 18 + 18 + 12 ins. in each
sec. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth

BOOK 75
 V. 13 N. R. 31 E.

chain

2 ft. high, 4 1/2 ft. base, alongside
 A Home br N. 35° W.

Land rolling.

Soil 2d rate

Vegetation Bunchgrass

Timber of cedar.

East on a random line
 bet. secs. 21 & 28.

Var. 13° 38' E

Descend.

1.10 Cross Wash 5 lbs wide, come

N. 30° E. and ascend

21.90 Top of spur br. N + S. and descend.

and leave timber br. N. N + S. E.

40.00 Set temporary 1/4 sec. cor.

79.78 Intersect N + S. line 3 lbs S.

BOOK 175

S. 13 N. R 31 E.

chairs

of cor. to secs. 21, 22, 27 & 28.
 from which corner, I run
 S. $89^{\circ}59'$ W. on a true line
 bet. secs. 21 & 28.

Var. $13^{\circ}50'$ E.

39.89 Set a Sand Stone 15711×4 ins.
 10 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. 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.

79.78 The corner to Secs. 20, 21, 28 & 29.
 Sand mountain.
 Soil 2^d rate
 Timber of cedars.
 Vegetation, Punchgrass.

BOOK 175

N. 13 N. R. 31 E.

chains

North bet. secs. 20. & 21

Var. $13^{\circ} 38' E!$ 39.85 Cross Road br. S. $75^{\circ} E!$ & N $75^{\circ} W!$

40.00 Set a post 3 ft. long, 3 ins. dia.
with marked stone, 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ S. on W. face, dug pits
18 x 18 x 12 ins. N & S. of post
5 $\frac{1}{2}$ ft. dist. and raised a
mound of earth 1 $\frac{1}{2}$ ft. high,
3 $\frac{1}{2}$ ft. base around post.

66.15 Cross Wash, 4 lks wide, corner
W. and ascend,

80.00 Set a post 4 ft. long, 4 ins. sq.
with marked stone, 12 ins. in
the ground, for cor. to secs.
16. 17. 20. & 21 marked
N. 13 N. S. 16 on N. E.

S. 13 N. R. 31 E.

chains

R 31 E. S. 21 on S. E.
 S. 20 on S. W. and
 S. 17. on N. W. faces, with 4
 notches on E. and 3 notches
 on S. edges, dug pits $18 \times 18 \times 4 \frac{1}{2}$
 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 pit.

Land rolling

Soil 2nd rate

Vegetation, Bunchgrass.

Cast on a random line, bet.
 Secs. 16 & 21.

Var. $13^{\circ} 40' E.$

Ascend gradually

BOOK 775

S. 13 N. R 31 E.

chains

40.00 Set temporary $\frac{1}{4}$ sec. Cor.
 80.07 Intersect N & S. line, 13 lks N.
 of cor. to Secs. 15, 16, 21 & 22.
 from which corner, I run
 N $89^{\circ} 54'$ W. on a true line
 bet. secs. 16 & 21.

Var. $13^{\circ} 56'$ E.

40.04 Set a Sandstone 11 + 10 + 6 ins.
 7 ins. in the ground for $\frac{1}{4}$ sec.
 Cor. marked $\frac{1}{4}$ on N. face
 dug pit 18 + 18 + 12 ins. E & 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
 80.07 The cor. to Secs. 16, 17, 20 & 21
 Land rolling.
 Soil 1st rate
 Vegetation, Bunchgrass

BOOK 175

N. 13 N. R 31 E.

chains

North bet. Secs. 16 & 17

Var. $13^{\circ}40'E.$

Ascend

4.00 Enter timber, to E. W.

4.00 Set a post 3 ft. long, 3 ins. dia. with marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ S. on W. face, dug pits $18 \times 18 \times 12$ ins. N & S. of post. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post.

8.00 Set a Sandstone $14 \times 10 \times 8$ ins. 9 ins. in the ground, for Cor. to Secs. 8, 9, 16 & 17. marked with 4 notches on E & S edges, dug pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised

N. 13 N. R. 31 E.

chains

a mound of earth 2 ft. high,
4 1/2 ft. base, along side.

Land rolling.

Soil 2^d rate

Vegetation, Bunch grasses.

Timber of cedar.

East on a random line
bet. secs. 9 & 16.

Var. 13° 50' E.

over rolling land

Ascend,

16.20 Top of ridge, bet N. Ex S. W.
and descend,

40.00 Set temporary 1/4 sec. cor.

80.16 Intersect N & S. line,
20 lbs worth of cor. to sec.

BOOK 175

N. 13 N. R. 31 E.

chains

q. 10. 15 & 16. from which corner I mu.

N. 89° 57' W. on stone line, bet. secs. 9 & 16.

Var. 13° 54' E.

40.08 Set a Lava stone 12 x 10 x 8 ins.

8 ins. in the ground, for 1/4 sec. cor. marked 1/4 on U.

face, dug pits 18 x 18 x 12 ins.

E & 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.

80.16 The corner to secs. 8, 9, 16 & 17
Land unmountainous
Soil 3d rate

Vegetation, Bunchgrass
Sagebrush.

BOOK 775

N 13 N. R 31 E.

Chains

North bet. Secs. 8 & 9.

Var. $13^{\circ}50'E$

Ascend

2.00 Enter timber, cross N. W. and S. E.

4.00 Set a Sandstone $12 \times 10 \times 7$ 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. 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.

6.00 Top of Ridge to E. W. and

descend

76.20 Cross gulch 4 lbs wide,

course N. and ascend

8.00 Set a Sandstone $13 \times 8 \times 8$.

ins. 9 ins. in the ground for

cor. to Secs. 4, 5, 8 & 9. marked

BOOK 175

S. 13 N. R 31 E.

chains

with 4 notches on E & 5
notches on S. 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.

Land mountainous.

Soil 2d rate

Vegetation, Bunchgrass &
Sagebrush.

I carefully examined the
adjustments of my solar
compass today, particularly
the latitude and reversing
apparatus, and found them
correct

Aug. 26. 1882.

N 3 N. R. 31 E.

chains

East. on a random line,
bet. secs. 4 & 9.Var. $13^{\circ} 50' E.$

Ascend

2.00 Top of spur br. N & S. and
descend12.00 Cross gulch 4 lks wide,
course S. $85^{\circ} W.$ and ascend.40.00 Set temporary $1/4$ sec. cor.

41.00 Top of spur, br. N & S. and descend.

55.20 Cross gulch 4 lks wide, course
N. and ascend

64.00 Top of spur br. N & S. and descend

74.60 Cross gulch 4 lks wide course
N. and ascend.80.24 Intersect N & S. line, 4 lks
N. of cor. to secs. 3, 4, 9 & 10.
from which cor. Down

N. 13 N. R. 31 E.

chains

N. 89° 56' W. on a true line,
bet. secs. 4 & 9.

Var. 13° 50' E.

40.12 Set a Sandstone 14x14x16
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 impracticable.

80.24 The corner to secs. 4, 5, 8 & 9.
Land mountainous
Soil 2^d rate
Vegetation, Bunchgrass,
& Sagetmh.

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

N. 13 N. R. 31 E.

Var. 13° 50' E.

Ascend

37.00 Tap of spur, on E & N. and descend.

40.00 Set temporary 1/4 sec. cor.

49.45 Cross gulch, 11 lks wide, come N. 80° W. and ascend.

79.91 Intersect N. B. of Sp. 9 lks E. of cor. to Secs. 4 & 5.

32 & 33. which is a Sand stone set firmly in the ground, marked with 4 notches on E and 2 notches on W. edges, with pits 18 x 18 x 12 ins. on each sec. 5 1/2 ft. dist. and mound of earth along side.

Thence I run

S. 41° E. on a true line

S. 13 N. R. 31 E.

chains

bet. secs. 4 & 5.

Var. $13^{\circ}40' E!$

39.91 Set a sandstone $13 \times 12 \times 9$ 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 & 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
 sides.

79.91 The corners to secs. 4, 5, 8 & 9.
 Land unmountainous.
 Soil 2^d rate
 Vegetation, Bush grass
 Sagetush.

S. 13 N. R. 31 E.

Chains

From the cor. to Secs.
 5. 6. 31 & 32, on S. Pry of
 Sp. which is a post 4 ins.
 sq. set firmly in mound
 of earth, marked,
 S. C. S. 13 N. R. 31 E. on S.
 S. 32 on E. and
 S. 31 on W. faces, with
 5 notches on E & 1 notch
 on W. faces, and pits
 18 x 18 x 12 ins. N. E & W.
 approx 5 1/2 ft. dist.

Thence On

North bet. secs. 31 & 32

Var. 13.° 45' E.

Descend gradually

4000 Set a sandstone, 16 x 14 x 7
 ins. 11 ins. in the ground

N. 13 N. R. 31 E.

chains

for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on N. face, dug pits 18+18+12 ins. 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, alongside.

65.36 Cross Road to New Mexico
br N. W & S. E & cross low
Sag and ascend.

8000 Set a Boulder stone 13+11+9 in
9 ins. in the ground, for cor. to
Secs. 29. 30. 31+32. marked with
5 notches on E and 1 notch on
S. edge, dug pits 18+18+12 ins. in
each sec. $5\frac{1}{2}$ ft. dist, and
raised a mound of earth
2 ft high, $4\frac{1}{2}$ ft. base, alongside
hand rolling.

S. 13 N. R 31 E.

chain

Soil 2d rate
Vegetation, Bunchgrass
Sagebrush
Trunks of cedar.

East on a random line,
bet. Secs. 29 & 32.

Var. $13^{\circ} 50' E$.

Ascend

40.00 Set temporary $1/4$ sec. cor.

80.15 Intersect N.S. line, 6 lks N.
of cor. to secs. 28, 29, 32 & 33,
from which comes Dome,
N. $89^{\circ} 57'$ W. on a true line,
bet. Secs. 29 & 32.

Var. $13^{\circ} 45' E$.

40.08 Set a post 2 ft. long, 3 in. dia.

S. 13 N. R 31 E.

chains

with marked stony, 12 ins.
in the ground, for $\frac{1}{4}$ sec. Cor.
marked $\frac{1}{4}$ S. on N. face, dug
pits 18 x 18 x 12 ins. Et W. of
post 5 ft. dist. and raised
a mound of earth $\frac{1}{2}$ ft.
high, 3 $\frac{1}{2}$ ft. base around post.
from which

A cedar 24 ins. dia. br. N. 10° E. 14 ft. dist.
marked $\frac{1}{4}$ S. B. S.

a cedar 18 ins. dia. br. S. 30° W. 78 ft. dist.
marked $\frac{1}{4}$ S. B. S.

80. 15 The Cor. to Secs. 29. 30. 31 x 32.

Land mountainous

Soil 2^d rate

Timber of cedar.

Vegetation Bunchgrass
Sagebrush.

175

S. 13 N. R. 31 E.

chains

West on a random line, bet.
Secs. 30 & 31.Var. $13^{\circ} 50'$ E.

Descend

7.15 Cross Road, bet N. W. & S. E. and
cross low Sag & ascend.4000 Set temporary $\frac{1}{4}$ sec. Cor.

5000 Top of ridge, bet. N & S. and descend.

79. 94 Intersect W. B. of Sp. 9 lbs N. of
cor. to secs. 25, 30, 31 & 36. which
is a post 4 ins. sq. set firmly
in the ground, marked

S. 13 N. S. 30 on N. E.

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

R. 30. E. S. 36 on S. W. and

S. 25 on N. W. faces with 5
notches on N. & 1 notch on

S. edges. with pits 18 & 18 in.

S. 13 N. R 31 E.

chains

ins. in each sec. $5\frac{1}{2}$ ft. dist.

Thence Iron

N $89^{\circ} 56' E$. on a true line, bet.
Secs. 30 & 31.

Var. $13^{\circ} 42' E$.

39.94 Set a Basalt stone $12 \times 10 \times 10$

ins. 8 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N.
face, dug pits $18 \times 18 \times 2$ ins.

C.M. 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.

49.94 The Cor. to Secs. 29. 30. 31 & 32

land unmountainous

Soil 3^d rate.

Vegetation, Bunchgrass.

BOOK 175

N. 13 N. R. 31 E.

chains

North bet. secs. 29 + 30.

Cor. $13^{\circ} 50' E$

Ascend

28.00 Top of ridge bet. N. W. + S. E. and descend.

40.00 Set a Sandstone $20 \times 18 \times 4$ ins.15 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 + 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.

64.00 Leave timber bet. N. W. and S. E.

80.00 Set a Sandstone $30 \times 24 \times 3$ ins.

22 ins. in the ground, for cor.

to Secs. 19. 20. 29 + 30. marked, with 5 notches on E + 2 notches on S. edges, dug pits $18 \times 18 \times 12$

S. 13 N. R 31 E.

chains

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.

A horse br N. 44 E.

Land unmountainous.

Soil 3rd rate

Timber of Pine and Cedar
Vegetation Bunch grass,
Sagebrush.

East on a random line, bet
secs. 20 + 29.

Var. 13° 42' E.

Ascend

1.00 Top of spur, br. N & S. and descend
13.25 Broad wash 100 yds wide approx N. 13° W.

S. 13. N. R 31 E.

chains

and ascend

33.50 Top of Ridge, to N+S. and descend

40.00 Set temporary $\frac{1}{4}$ sec. cor.80.03 Intersect N+S line 11 lbs N.
of cor. to Secs. 20, 21, 28 & 29. from
which cor. DownN. $89^{\circ} 55'$ W. on a true line,
bet. secs. 20 & 29.Var. $13^{\circ} 38'$ E.40.02 Set a sandstone $14 \times 12 \times 8$ ins.
gim. 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+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.80.03. The corner to Secs. 19, 20, 29 & 30.
Sand rolling.

175

S. 13 N. R 31 E

chain

Soil 2d rate
Vegetation, Bunchgrass
Sagebrush.

Nest on a random level, but
secs 19 & 30.

Var. 13° 42' E.

Descend

9.50 Cross gulch 50ks wide cross N.
and ascend

4.00 Set temporary 1/4 sec. corr.

79.81 Intersect N. R 31 of T.P. 18 1/2ks
N. of corr. to Secs. 19, 24, 25 & 30
which is a Post 4 ins. sq.

set firmly in mound of earth.
marked S. 13 N. S. 19 on N. E.
R. 31 E. S. 30 on S. E.

S. 13 N. R 31 E.

Chains

R. 30 E. S. 25 on S. W. and
S. 24 on N. W. faces, with 4
notches on N. and 2 notches
on S. edges, with pits 18x18x12
ins. in each cor. 5 1/2 ft. dist.
Thence Down

N. 89° 52' E. on true line, bet
secs. 19x30. Var. 13° 58' E.

39.81 Set a sandstone 14x11x4 ins.
9 in in the ground for 1/4 sec.
cor. marked 1/4 on N. face,
dug pits 18x18x12 ins. E. 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.

79.81 The cor. to secs. 19. 20. 29x30.
Sand unstratified
Soil 8^d rate

BOOK 175

S. 13. N. R 31 E.

Chains

Trunk of Cedar.
Vegetation, Bunchgrass.

North bet. Secs. 19 & 20.

Var. $13^{\circ} 42' E$

Descend gradually

4.00 Enter valley br Ex N.

40.00 Set a post 4 ft. long, 3 ins. dia.
with marked stone, 12 ins.in the ground, for $1/4$ sec. cor.marked $1/4$ Sec N face, dig
pits $18 \times 18 \times 12$ ins. N & S ofpost $5/8$ ft. dist. and raised
a mound of earth $1/2$ ft.high $3 \frac{1}{2}$ ft. base around
post.

54.20 Cross New Mexico Road

N. 13 N. R. 31 E.

chasus

to Ex W.

62.00 Cross Wash 7 lbs wide, course
N. 75° W. and ascend

80.00 Set a Sandstone 16 x 12 x 5
in. 11 in. in the ground
for cor. to Secs. 17, 18, 19 & 20
marked with 5 notches on
E and 3 notches on S. edges,
dug pits 18 x 18 x 12 in. in each
sec. 5/8 ft. dist. and raised
a mound of earth 2 ft high
4 1/2 ft base, alongside,
& sand rolling
Soil 2^d rate
Vegetation Bunchgrass.

East on a random line,
between Secs 17 & 20

ERR 175

S. 13 N. R 31 E.

Chains

Var. $13^{\circ} 53' E.$

Ascend

16.00 Top of Spur, to N.S. and descend

40.00 Set temporary $\frac{1}{4}$ sec. cor.78.30 Cross Wash 4 lbs wide course S.
and ascend79.96 Entered N.S. line, 16 lbs
N. of cor. to Secs. 16, 17, 20 & 21
from which corner I run
N. $89^{\circ} 53' W.$ on a true line
bet. Secs. 17 & 20.Var. $13^{\circ} 40' E.$ 39.98 Set a sandstone $14 \times 14 \times 4$ 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.
E & W. of stone, $5 \frac{1}{2}$ ft. dist.
and raised a mound of earth $1 \frac{1}{2}$ ft.

S. 13 N. R. 31 E.

Chains
 79.96 high, 3 1/2 ft. base alongside.
 The corner to Secs. 17, 18, 19 & 20.
 Land unmountainous.
 Soil 2^d rate
 Vegetation, Bunchgrass
 Aug. 28, 1882

Went on a random line, bet
 Secs. 18 & 19.
 Var. 13° 53' E!

Descent

5.00 Enter Valley bet N & S.
 16.10 Cross Wash 15 lks wide come
 N. and ascend
 40.00 Set temporary 1/4 sec. cor.
 79.74 Intersect N. B. of Township.
 17 lks N. of cor. to Secs. 13, 18, 19 & 24.

F.V.K. 75

S. 13 N. R. 31 E.

chain

which is a sandstone set firmly
in the ground, marked with
scratches on N & S. edges, and
mound of stone along side.

Thence I run N. $89^{\circ} 53' E.$
on a true line, bet. Secs. 18 & 19.

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

39.74 Set a Sandstone $15 \times 8 \times 6$ ins.

10 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. 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.

49.74 The cor. to Secs. 17, 18, 19 & 20.

Land rolling and level

soil 1st rate

Vegetation, bunch grass.

N. 13 N. R. 31 E. S. 1

Chains

North bet. Secs. 17 & 18.

Var. $19^{\circ} 53' E.$

Descend,

22.40 Cross Wash, 5 lks wide, course

N $34^{\circ} W.$ and ascend.

32.00 Enter timber bro Et W.

4000 Set a post 3 ft. long, 3 ins. dia.
with marked stony, 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4} S.$ on W. face dug
pit $18 \times 18 \times 12$ ins. N & S. of
post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.
from which a cedar 9 ins. dia.
hs. N. $31^{\circ} W.$ 38 lks dist. marked $\frac{1}{4} S. O. B. T.$

61.00 Top of spur, bro Et W. and descend.

8000 Set a post 4 ft. long, 4 ins. sq.

S. 13 N. R. 31 E.

chains

with marked stony 12 ins. in the
ground, for cor. to Secs. 7, 8, 17 & 18
marked S. 13 N. S. 8. on N. E.
R. 31 E. S. 17 on S. E.

S. 18 on S. W. and

S. 7 on N. W. faces, with 5
notches on E. and 4 notches
on S. edges, dug pits 18x18x12
ins. in each sec. 5 1/2 ft. dists
and raised a mound of earth
2 ft high, 4 1/2 ft. base around post.
Land unimproved

Soil 2^d rate

Vegetation, PUNCH grass
Trunk of cedar.

East on a random line

T. B. N. R. 31 E!

chains

bet secs. 8 & 17.

Var. $13^{\circ} 50' E$.

Ascend

26.00 Top of ridge to h. E x S. W and descend.

40.00 Set temporary $\frac{1}{4}$ sec cor.80.20 Intersect N & S line, 27 lbs N.
of cor. to secs. 8 & 9. 16 & 17. from
which corner I runN. $89^{\circ} 48' W$. on a true line bet.
secs. 8 & 17. var. $13^{\circ} 50' E$.40.10 Set a post 3 ft. long 3 in. dia
with marked stone 12 in in
the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N face, dug
pits $18 \times 18 \times 12$ in. E & W. of
post. 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth $1 \frac{1}{2}$ ft high
 $3 \frac{1}{2}$ ft. base around post.

T. 13 N. R. 31 E.

chains

80.20

The corner to secs. 7, 8, 17 & 18
 Land unimproved
 Soil 3^d rate
 Timber of cedar.
 Vegetation, Bunchgrass
 Sagebrush.

West on a random line, bet
 Secs. 7 & 18.

Var. $13^{\circ} 50'$ E.

Descend

11.00 Enter Valley to N. S. and
 leave timber here N. S.

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

42.34 Cross Wash 18 lbs wide, come
 Sand ascend

79.85 Intersect N. P. of Tp. 20 lbs.

chains

N. of cor, to secs. 7, 12, 13 & 18.
which is a limestone set
firmly in the ground, marked
with 2 notches on N. and 4
notches on S. edges, with pits
18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$
ft. dist. with mound of earth
2 ft. high, $4\frac{1}{2}$ ft. base along side.
Thence True N. $89^{\circ} 57' E$.
on a true line, bet. secs. 7 & 18.
Var. $13^{\circ} 45' E$.

39.85 Set a Sandstone 12 x 8 x 8 ins.
8 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N.
face, dug pits 18 x 18 x 12 ins.
E & N. of stone. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth $1\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base, alongside.

BOOK 775

chains

79.85

The Cor. to secs. 7, 8, 17 & 18.
 Hand rolling & level
 Soil 2^d rate
 Vegetation, Bunch grass.

North bet. secs. 7 & 8.

Cor. $13^{\circ} 50' E$

Descend

40.00 Set a Sandstone $16 \times 12 \times 6$ 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.
 N. & S. of stone $5\frac{1}{2}$ ft. dist.
 and raised a mound of
 earth $1\frac{1}{2}$ ft. high $9\frac{1}{2}$ ft. base
 alongside.

53.30 Cross Wash 8 lbs wide, ann.

chains

West and ascend.

76.18 Top of Spurr brs N. E. & S. W.
and descend.

80.00 Set a Sandstone 10x10x6 ins.

9 ins. in the ground for cor.
to Secs. 5, 6, 7 & 8. marked
with 5 notches on S. and
5 notches on E. edges, dig
pits 18x18x12 ins. in each
sec. 5 1/2 ft. dist. and raise
a mound of earth 2 ft. high
4 1/2 ft. base, along sides
Sand rolling
Soil 2nd rate
Vegetation Bunch grass.

East on a random line

Chains

bet. Secs. 5 & 8.

Var. $13^{\circ} 44' E!$

Ascend

5.70 Top of Ridge, br N. Ex S:W.
and descend26.91 Cross Wash 10 lks wide, come
S $50^{\circ} W$. and ascend.40.00 Set temporary $\frac{1}{4}$ sec. cor.80.36 Intersect U.S. line, 8 lks N.
of cor. to Secs. 4, 5, 8 & 9.
from which corner, I run
N. $89^{\circ} 57' W$. on a true line
bet. secs. 5 & 8.Var. $13^{\circ} 50' E!$ 40.18 Set a post 3 ft. long, 3 ins sq.
with marked stud, 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ S. on N. face, dug

chasins

pits 18 x 18 x 12 ins. E. N. of
 Post 5/2 ft. dist. and raised
 a mound of earth 1 1/2 ft. high,
 3 1/2 ft. base, symm. pent.
 from which a cedar 14 ins. dia.
 br. N. 46° E. 45 lbs. dist.
 marked 1/4 S. B. T.

a cedar 10 ins. dia. br. S. 35° W.
 62 lbs. dist. marked 1/4 S. B. T.

80.36 The corner to Secs. 5, 6, 7 & 8.

Land mountainous

Soil 2^d rate

Timber of cedar.

Vegetation, bunch grass.

West on a random line
 bet. Secs. 6 & 7.

BOOK 175

chains

Var. 13° 44' E!

Descend

17.83 Cross Wash 20 lbs widely
course S 30° W. and ascend,

40.00 Set temporary 1/4 sec. cor.

64.00 Top of ridge br N+S. and
descend

79.62 Intersect N. B. of Sp. 13 lbs

N. of cor. to sec. 1, 6, 7 & 12 which
is a quartzstone, marshall with 1 inch on N. & just above
S. edge of each pit in each sec. 5 ft. dist. from
of which

N. 89° 54' E on a true line
bet. sec. 6 & 7.

Var. 13° 50' E!

39.62 Set a Sandstone 14x12x10
ins. 9 ins. in the ground for

1/4 sec. cor. marked 1/4 on N.

face, dug pits 18x18x12
ins. Ex N. of stone 5 1/2 ft.

dist. and raised a mound

Chains

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

79.62 The corner to secs. 5, 6, 7 & 8.
Land unmountainous.

Soil 2^d rate

Timber of cedar.

Vegetation, Bunchgrass.

North on a random line,
bet. Secs. 5 & 6.

Var. $13^{\circ} 44' E!$

Desceud

20.00 Cross Wash, 50 lbs wide
come S. W. and ascend

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

80.17 Intersect N. B. of Sp. 11 lbs
West of cor. to Secs. 5, 6, 3 & 32

175

chasers

which is a Post 4 ins. sq. set
 firmly in mound of earth,
 marked - D. 14 N. S. 32 on N. E.
 R. 31 E. S. 5 on S. E.
 D. 13 N. S. 6 on S. W. and
 S. 31 on N. W. faces, with 5
 notches on E & 1 notch on W.
 edges, dug pits 18 x 18 x 12 ins.
 in each sec. 5/2 ft. dist.
 Thence I run
 S 5' W. on a true line bet.
 secs. 5 & 6.

Var. 13° 38' E!

40.17

Set a post 3 ft. long, 3 ins. sq.
 with marked stone 22 ins. in
 the ground, for 1/4 sec. Cor.
 marked 1/4 S. on W. face, dug pits
 18 x 18 x 12 ins. N. & S. of post 5/2
 ft. dist. and raised a mound

chains

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

80. 17. The Corner to Secs 5, 6, 7 & 8
Sand rolling
Soil 2^d rate

Vegetation, Bunchgrass.

I carefully examined
the adjustments of my solar
compass today particularly
the latitude and reversing
apparatus, and found them
correct.

Aug. 29. 1882.

General Description

There are several valleys in this Township, its general character however being mountainous and rolling.

On the valleys we find some 1st rate soil, and elsewhere it is ranked as 2^d & 3^d rate cedar timber is quite plentiful and the growth of Bunchgrass throughout the Tp. affords excellent grazing facilities. Several roads cross the Tp to New Mexico.

There are a few settlers in the township.

Antonio Gonzales has a house and corral in Sec. 18. He

72

BOOK 175

chains

also has about 30 acres under cultivation, a portion of which is in Sec. 13 of Tp. 13N. R. 30

The value of the improvements is about four hundred dollars. Miguel Duran has a house and good improvements in Sec. 20 in this Tp.

U. S. Surveyor General's Office,
Tucson, Arizona, Dec. 20, 1882,

The foregoing Field Notes of the survey of

Subdivision Lines

of Township 13 North,

Range 31 East.

of the Gila and Salt River Base and Meridian, Arizona,
executed by Milton Santee,
D. S., under his contract of the 29th day of
April, 1882, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

J. W. Robbins
Surveyor General.