

1570

1570

BOOK 1570

P1

F I E L D N O T E S
O F T H E S U R V E Y O F
E X T E R I O R L I N E S O F

Ts. 22, 23, & 24 S., R. 25 E.,
Ts. 19, 20, 21, 22, 23 & 24,
S., Rs. 26 & 27 E.

Gila and Salt River Base and
Meridian,
ARIZONA.

By R. C. Powers, D. S. under
contract dated Nov. 7, 1884.
Survey commenced Dec. 27, 1884.
Survey completed Jany. 27, 1885.

BOOK 1A 1570

Preliminary Oaths of Assistants.

We John F. Barnes
and Arthur A. Jacques

do solemnly swear that we will well and faithfully execute the
duties of Chain Carriers; that we will level the chain over even
and uneven ground, and plumb the tally pins, either by sticking
or dropping the same; that we will report the true distance to
all notable objects, and the true length of all lines that we assist
in measuring, to the best of our skill and ability and in accord-
ance with instructions given us in the survey of the Ex-

terior Lines of Tps 22-23-24 S
R. 25 E Tps 19-20-21-22-23-24
S. Rs 26 and 27 E

Territory of Arizona.

John F. Barnes Chainman.
Arthur Jacques Chainman.

Subscribed and sworn to before me, this 25th
day of December 1884

R. C. Powers
Notary Public.

We Charles M. Waly and 113
Richard Shrope. BOOK 1570

do solemnly swear that we will well and truly perform the
duties of mound men

in the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability,
in the survey of the Exterior Lines of Tps
22-23-24 S. Rs 25-E
Tps 19-20-21-22-23-24 S.
Rs 26 and 27 E

Territory of Arizona.

Charles M. Waly
Richard Shrope

Subscribed and sworn to before me this 25th
day of December 1884

R. W. Powers
Notary Public.

I David H. Moore do solemnly swear that
will well and truly perform the duties of Flagman
according to instructions given me and to the best of
skill and ability.

David H. Moore

Sworn to and subscribed before me this 2
day of Dec, 19

R. C. Powers
Notary Public

do solemnly swear that
will well and truly perform the duties of
according to instructions given and to the best
skill and ability.

Sworn to and subscribed before
day of

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A 7200K, NO 1570

12 288 7 12 245

S. 1908, R. 25 E

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13 280 18

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24 292 19

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25 294 30

25 257

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31 32 33 34 35 36 296 36 253

275 277 278 280 282 284 273 271 269 267 266 264

6 5 4 3 2 1 263 6 1 240

12 282 7

12 238

S. 2208, R. 25 E

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13 260 18

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13 256

24 258 19

24 235

25 258 30

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36 255 31

36 231

1 184 6

1 9 5

12 172 7

12 9 4

S. 2208, R. 25 E

S. 2208, R. 26 E

13 170 18

S. 2208, R. 27 E

13 9 2

24 169 19

24 9 1

25 167 30

25 8 9

31 32 33 34 35 36 37 38 39 34 35 36 165 31 32 33 34 35 36 9 8

229 225 226 225 223 221 154 156 158 160 162 163 152 151 149 147 145 144

220 6 5 4 3 2 1 6 5 4 3 2 1 191 6 5 4 3 2 1 8 5

12 139 7

12 5 4

S. 2208, R. 25 E

S. 2208, R. 26 E

13 137 18

S. 2208, R. 27 E

13 8 2

24 135 19

24 7 1

25 134 30

25 7 7

212 31 32 33 34 35 36 31 32 33 34 35 36 132 31 32 33 34 35 36 9 6

211 209 208 206 205 203 121 123 125 127 129 130 119 117 115 114 112 110

200 6 5 4 3 2 1 6 5 4 3 2 1 108 6 5 4 3 2 1 9 4

Survey made with Burt's
Patent Improved Solar Compass
with Telescopic attachment.
Carefully tested on the true
meridian at Tucson and
found to be in perfect
adjustment.

Survey commenced Dec 27th 1884
Survey completed Jan 27th 1885.

Boundary Line bet Arizona
and Mexico T24 S. R 27 E

chs.

From the closing corner on
the Inter National Bdy. of the 4th
Guide Meridian East, which is a
sandstone marked C. C. U. S on
N and Mex on S and 6 notches in
on E and W edges. I run East to
on a random line on S. Bdy of
T24 S. R 26 and 27 E
828 E Va-12° 09' E

Setting temporary corners at
each 80 chs and at 16 miles
7. 68 chs arrive at a point
3. 50 chs S. of monument N° 19
on the I. B. which is a stone
4 ft high with a mound of
stone 4 ft base alongside
Thence I run
389° 51' W on a true line on S. B

By Line Bet Ariz and Mex.
T 24 S R 27 E

lehs

of Franc. T 24^S R 28 E.

Dec - 12° 09' E

7/11
4. 07. 68

Set a limestone 19 x 12 x 6 ins

12 ins in the ground for

blowing cor to Tps 24 S.

R 27 and 28 E marked

E. to Ariz on N.

Mexico on S and 6

notches on E and W edges.

dig pits 24 x 18 x 12 ins

Cross wire on each line N. E

& W of stone 6 ft dist and

raised a mound of earth

2 1/2 ft high 5 ft base alongside

surface level

Soil 2nd rate

Good grass

dense brush.

Boundary Line Bet BOOK 1570

Angl and N. T. 24 S. R 27 E

Lehs

389° 51' N on a true line on
S. B. of Trac Sec 24

Dec 12° 09' E

Descend gradually

80.00 Set a limestone 16 X 10 X 5 ins 10 ins
in the ground for doing cor to
frac Secs 23 and 24 marked
C. C. with 1 notch on E and 5"
notches on N edges dug pits 18 X
18 X 12 ins N. E and W of stone 5 1/2
ft dist and raised a mound
of earth 2 ft high 4 1/2 ft base
along side

Surface level

Soil 2nd rate

Good grass
dense brush.

Boundary Line bet Ariz

lbs

S 89° 51' W on a true line on
S. B. frac Sec 23.

31. 70 Through dense brush ^{Var 12° 09' E}
across wagon road from Fronteras
Mex to Sulphur Spring Valley
bears N and S.

68. 00 Leave dense brush, enter Valley

76. 10 Across Arroyo 20 lbs wide
course S. E

80. 00 Set a limestone 14 X 10 X 5 ins
9 ins in the ground for
closing corner to frac Secs
22 and 23 marked C. C. with
2 notches on E and 4 notches
on W edges. dug pits 18 X 18 X
12 ins N. E. and W of stone 5½
ft dist and raised a mound
of earth 2 ft high 4½ ft

and Mer. T 24 S. R 27 E

lbs

base alongside

surface level.

Soil 2nd rate

Good grass.

Dense brush 5-8 chains

S 89° 51' W on a true line on S.

B. of frac Sec 22.

Wa 12° 09' E

Through valley

14.00 Leave same, enter dense brush
brs N and S.

80.00 Set a limestone 15 X 12 X 8 ins 10
ins in the ground for closing
cor to frac. Secs 21 and 22. marked
C. C. with 3 notches on E and W
edges. dug pits 18 X 18 X 12 ins N. E

Boundary line bet. Ariz

Lehs

8 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
 surface level
 Soil 2nd rate
 Grass good
 dense brush 66. chains

S 89° 51' W on a true line on
 S. B. of frac Sec 21

Var 12° 09' E

80.00 Set a line stone 12 X 10 X 6 ins
 8 ins in the ground for closing
 cor to frac Secs 20 and 21, marked
 L. C. with 4 notches on E and 2
 notches on W edges. dug pits
 18 X 18 X 12 ins N. E and W of

and Met. T 24 S R 27 E

Lehs

along $5\frac{1}{2}$ ft dist and raised a
mound of earth 2 ft high $4\frac{1}{2}$
ft base alongside

Surface level

Soil 2nd rate

Good grass

dense Sage and Mesquite brush.

S 89° 51' W on a true line on
S. B. of frac Sec 20.

Wa 12' 09" E

Through dense brush

65.00 Leave same. enter scattering
brush to N and S.

80.00 Set a limestone 12 X 10 X 8 ins 8
ins in the ground for closing cor-
li. frac sees 19 and 20. marked

Boundary line bet Noiz

lehs

C. C. with 5 notches on E and
1 notch on W edges. dig pits
18x18x12 in N. E and W of
stom 5½ ft dist and raised
a mound of earth 2 ft high
4½ ft base along side
surface level

Soil 2nd rate

Grass good.

dense brush 65 chains

S 89° 51' W on a true line on
S. B of frac Sec 19.

On 12° 09' E

4.00

Entire dense sage, mesquite
and catclaw brush br
N. W and S. E

and Met. T 24 S. R 27 E

lehs

80.00 Set a limestone 16x12x8 ins 10
ins in the ground for closing cor
w^{frac} Tps 24 S. Rs 26 and 27 E. marked
C. C. Ariz on N.

Mexico on S. and C. notches on
E and W edges, dug pits 24x18x12
ins crosswise on each line N. E and
W of stone 6 ft dist and raised
a mound of earth 2½ ft high
5 ft base alongside
surface level

Soil 2nd rate

Grass good

dense brush 76 chains

Boundary line bet Ariz

chs.

From the closing cor to Tps
24 S. Rs 26 and 27 E. just
established by me. I run
389° 51' W on a true line
on S. B. of frac sec 24.

On 12° 09' E

80.00

Set a limestone 14 X 8 X 7 ins 9 ins
in the ground for closing cor
to Secs 23 and 24. marked C. C.
with 1 notch on E and 5 notches
on W edges. dug pit 18 X 18 X 12
ins N. E. and W of stone 6 1/2 ft
dia and raised a mound
of earth 2 ft high 4 1/2 ft
base alongside
Surface level
Soil 2nd rate
Grass good

and Met. T 24 S. R 26 E

chs

dense Mesquite & cabclaw brush.

d

S 89° 51' W on a true line on S. B
of frac sec 23.

On 12° 09' E

80.00 Set a limestone 18 X 10 X 8 ins 12
ins in the ground for closing cor
to frac secs 22 and 23. marked
C. C. with 2 notches on E and
4 notches on W edges. dug pits
18 X 18 X 12 ins N. E and W of
stone 5½ ft dist and raised a
mound of earth 2 ft high
4½ ft base alongside
surface level
Soil 2nd rate
Scattering grass

Boundary line bet Ariz

Lehs

Dense Mesquite brush

S 89° 51' W on a true line
on S. B frac sec 22

Var 12° 09' E

80.00

Set a limestone 15 X 9 X 7 ins
10 ins in the ground for
closing cor to frac Secs 21
and 22. marked C. C. with
3 notches on E and W edges.
dug pits 18 X 18 X 12 ins N. E &
W of stone 6 1/2 ft dist and
raised a mound of earth
2 ft high 4 1/2 ft base alongside
surface level

Soil 2 in² rate

Dense Mesquite brush

4 Mer T 24 S. R 26 E

Lehs

589° 51' W on a true line on
S. B of frac sec 21.

On 12° 09' E

Through dense brush

.30 Enter wash. course N. E and S. W
3.00 Leave same. Co N. E & S. W

72.00 Leave dense brush

80.00 Set a limestone 12 x 7 x 7 ins 8
ins in the ground for closing
cor to frac secs 20 and 21, marked
L. C. with 4 notches on E and 2
notches on W edges. dug pits 18 x
18 x 12 ins N. E and W of stone
5 1/2 ft dist and raised a
mound of earth 3 ft high
4 1/2 ft base alongside.

Surface level

Soil 2nd rate

Dense brush 72 chains

Boundary line bet. Ariz

chs

389° 51' W on a true line
on S. B of frac Sec 20

Var 12° 09' E

2.00 Enter dense brush.

80.00 Set a limestone 16 X 16 X 8 ins
10 ins in the ground for
closing cor to Secs 19 & 20
marked E. E. with 5 notches
on E and 1 notch on W
edges dug pits 18 X 18 X 12 ins
N. E and W of stone 5½ ft
dist and raised a mound
of earth 2 ft high 4½ ft
base alongside
surface level
Soil 2nd rate
dense brush 78 chs

and Mer. T 24 S. R 26 E

Lehs

S 89° 51' W on a true line on S.
B of frac sec 19

Wa 12° 09' E

Through dense brush along
northern slope of mountain

50.00

The C. C. on $\frac{4}{4}$ th guide meridian
E. T 24 S. Rs 25 and 26 E.

previously described by me.

Surface gently rolling

Soil 2nd rate

Grass fair.

dense mesquite brush.

I carefully examined the ad-
justments of my solar compass
today particularly the latitude
and reversing apparatus and
found them correct.

Dec 27th 1884

Boundary line bet Horiz &

chs

From the c. c of Tfs 24 S.
 Rs 25 and 26 E. on the Inter-
 national boundary, previously
 described by me I run
 West on a true line on S
 By of frac sec 24.

On $12^{\circ} 09' E$

Through dense brush.

68.00 Leave brush and enter grass

68.40 Cross arroyo 8 lbs wide

69.50 corner N. E

80.00 Set a Granite stone $14 \times 10 \times 8$ in
 9 in in the ground for c. cor
 li ^{frac} Secs 23 and 24. marked
 c. c. with 1 notch on E and
 5 notches on W edges, and
 raised a mound of stone
 alongside

Net T 24 S. R 25 E

Lhs

Surface rolling

Soil 2nd rate

Good grass.

Dense brush 65 chains

West on S. B. of frac. sec 23.

Na 12° 09' E

11.60 Cross ravine 12 lbs wide Co N. E

26.70 " " 6 " " "

39.30 " " 5 " " "

Ascend spur. angle 4°

51.00 Top of same. project N. E. descend

61.33 Cross ravine 6 lbs wide Co N. E

80.00 Make correct allowance and set a

granite rock 12 x 10 x 10 ins 8 ins

in the ground for closing corner

to ^{frac} Secs 22 and 23, marked G. G.

Boundary line bet Ariz

Lehs

with 2 notches on E and 4
notches on W edges, and
raised a mound of stone
alongside.

Surface mountainous 22 chs
rolling 58 chs

Soil 3rd rate

Grass fair

Nest on a true line on S.

B of frac sec 22.

On $12^{\circ} 09' E$.

Over broken country

Cross

2. 64 " Arroyo 4 lks wide. course N. E
17. 65 Cross arroyo 15 lks wide Co N. E
34. 00 " Wash 20 " " " "
36. 50 " Wagon road. through S. W

and Met. T 24 S. R 25 E

lehs

fracs of Sulphur Spring valley.
 Secs N. E and S. W

80.00 Set a Limestone 14 X 10 X 6 ins 9 ins
 in the ground for closing corner
 to frac Secs 21 and 22. marked
 C. C. with 3 notches on E & W
 edges. dug pits 18 X 18 X 12 ins N. E
 and west of stone 5 1/2 ft dist
 and raised a mound of earth
 2 ft high 4 1/2 ft base alongside
 surface broken
 Soil 2nd rate
 Good grass

Boundary line bet Ariz

lehs

Meet on a town line on S.
B of frac Sec 21

On $12^{\circ} 12' E$.

On gentle N. E. slope.

20. 00 Top of same, descend
gradually on S. E. slope

46. 30 Cross wagon road. Ors
N. W and S. E

80. 00 Set a Limestone $10 \times 10 \times 6$ ins
6 ins in the ground for
closing corner. In frac
secs 20 and 21. marked C. C.
with 4 notches on E and 2
notches on W edges, and
raised a mound of stone
alongside.

Surface rolling and
broken.

and Mex. T 24 S. R. 25 E

Lehs

Soil 2nd rate.

Good grass.

Nest on a line line on S. B
of frac Sec 20

Va 12° 12' E

On S. E. slope

80.00 Set a granite stone 14 X 10 X 8 ins
9 ins in the ground for closing
cor to frac Secs 19 and 20.marked C. C. with 5 notches on
E and 1 notch on W edges.dug pits 18 X 18 X 12 ins N. E. & W
of stone 5½ ft dist and raised
a mound of earth 2 ft high
4½ ft base alongside
Surface gently rolling

Boundary line bet

chs

Soil 1st rate
 Good grass

Meet on a true line on
 S. B. of frac Sec 19

Va $12^{\circ} 09' E$

On gentle S. E slope

2. 38 Cross creek 6 lks wide
 in "Gold Gulch" course S. E

16. 33 Cross road from Bisbee to
 Fronteras on N and S.

80. 00 Set a Granite stone $16 \times 12 \times 4$
 ins 10 ins in the ground
 for closing cor to frac.

Ths 24 S. Rs 24 and 25 E.
 marked C. C. Ariz. T 24 S
 on N.

Angul Met. T 24 S. R 25 E

lehs

Metes on S. with 6 notches on
E and W edges. dug pits 24 x 18
x 12 in N. E and W of stone.
crosswise on each line 6 ft
dist and raised a mound of
earth 2 1/2 ft high 5-ft base
alongside.

Surface gently rolling

Soil 1st rate

Good grass.

Dec 29th 1884

This line runs through the S. W
pass of Sulphur spring valley.
Opening out into Sonora. The
mule mountains on the N. and
the San Jose mts on the West.

N. B. T 24 S. R 26 E

Lhs

From the Cor to Tps 23 & 24 S
 Rs 25^{and} 26 E on the 4" Guide
 meridian E. which is a lime
 stone 18 x 14 in marked with
 6 notches on each ^{edge} and a
 mound of stone alongside
 Iron

East bet Secs 6 and 31

On 12° 06' E

Through dense brush

40.00

Set a post 3 ft long 3 in
 diam with marked stone
 12 in in the ground for
 "4 Sec Cor. marked "4 S on
 N face. dug pits 18 x 18 x 12
 in E and W of post 5½ ft
 dist and raised a mound
 of earth 1½ ft high 3½ ft

Continued

Lbs

base around post

80.00 Set a post 4 ft long 4 ins sq
with marked stone 12 ins in
the ground for Cor li Secs 5-6
31-32. marked

T 23 S. S 32 on N. E

R 26 E. S 5 on S. E

T 24 S. S 6 on S. W and

S 31 on N. W faces. with 5
notches on E end. 1 notch on W
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 around post
surface level

Soil 1st rate

Good grass

Dense brush.

Levs

East bet Secs 5 and 32

On $12^{\circ} 09' E$

Through dense brush

21. 00 Leave " "

to N and S.

40. 00 Set a post 3 ft long 3 ins
diam with marked stone

12 ins in the ground for

 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S onN face dug pit 18x18x12
ins E and W of post $5\frac{1}{2}$ ftdist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around post.

72. 00 Enter meadow land to

N. E and S. W

75. 00 Leave same. Enter brush

80. 00 deposited marked stone 12

R 26 E

Leh

ins in the ground for cor lo Secs
 4-5-32-33 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
 over it. In S. E pit drove a
 stake 2 ft long 2 ins eq 12 ins
 in the ground marked

T 23 S. S 33 on N. E

R 26 E. S 4 on S. E

T 24 S. S 5 on S. W and

S 32 on N. W faces with 4
 notches on E and 2 notches on W. edges

Surface level

Soil 1st rate

Good grass.

Sense brush 21 chains

N. B. T 24 S.

lehs.

East bet secs 4 and 33

via $12^{\circ} 09' E$

In scattering brush

30.00 Clear brush entire grass
land. br N.E. and S.W

40.00 Deposit marked stone 12
ins in the ground for "4
Sec cor. dug pit 18x18x12
ins E and W of cor $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
over it. In E. Pit drove
a stake 2 ft long 2 ins sq
12 ins in the ground.
marked "4 S on N. face.

70.00 Entire scattering brush.
br N. E and S.W.

80.00 Set a post 4 ft long 4 ins

R 26 E

Lehs

sq with marked stone 12 ins in
the ground for Cor to Secs 3-4-
33-34. marked

T 23 S. S 34 on N. E

R 26 E. S 3 on S. E

T 24 S. S 4 on S. W and

S 33 on N. W faces. with 3
notches on E and W edges. dug
pit 18x18x12 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.

Surface level

Soil 1st rate

Good grass

Scattering brush.

A. B. T 24 S.

chs

East bet Secs 3 and 34

On $12^{\circ} 09' E$

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

49.00 Entire open grass land

73.00 Entire brush on N and S.

80.00 Deposited marked stone
 12 ins in the ground for
 Cor to Secs 2-3-34-35.

R 26 E

YOU

Lhs

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 over it. In S. E. pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground -
 marked T 23 S. S 35 on N. E.

R 26 E. S 2 on S. E

T 24 S. S 3 on S. W and

S 34 on N. W faces with
 2 notches on E and 4 notches
 on W edges.

Surface level

Soil 1st rate

Good grass.

Scattering brush.

lehs

East bet secs 2 and 35-

On $12^{\circ} 09' E$

In scattering brush

9.00 Center open grass land
br N and S.

40.00 deposited marked stone 12
ins in the ground for $\frac{1}{4}$
Sec cor. dug pits $18 \times 18 \times 12$
ins E and N of cor $5\frac{1}{2}$ ft
dist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base over it. In E pit
drove a stake 2 ins sq 2
ft long 12 ins in the ground
marked $\frac{1}{4}$ on N face.

80.00 Deposited marked stone 12
ins in the ground for Cor
to Secs 1-2-35-36. dug pits

R 26 E

Lhs

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
over it. In S. E. pit drove a
stake 2 ins sq 2 ft long 12 ins
in the ground marked.

T 23 S. S 36 on N. E

R 26 E. S 1 on S. E

T 24 S. S 2 on S. W and

S 35 on N. W faces with 1
notch on E and 5 notches on
W edges.

Surface level

Soil 1st rate

Good grass

Scattering brush.

A. B. T 24 S.

lets

East bet secs 1 and 36

Va 12° 09' E

In grass valley

40.00 Set a post 3 ft long 3 ins diam 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 X 18 X 12 ins E and W of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post.

80.00 deposited marked stone 12 ins in the ground for Cor li Tps 23 and 24 S. Rs 26 & 27 E. dug pits 24 X 18 X 12 ins lengthwise on each line. N. S. E & W of Cor 6 ft dist and

R 26 E

Lchs

raised a mound of earth $2\frac{1}{2}$ ft high 5 ft base over it. In E. pit drove a stake 2 ins eq 2 ft long 12 ins in the ground marked F 23 S. S 31 on N. E R 27 E. S 6 on S. E.

F 24 S. S 1 on S. W and

R 26 E. S 36 on N. W face, with 6 notches on each edge.
Surface level

Soil 1st rate

Grass good

Dec 30th 1884

Carefully examined and tested my compass in all its adjustments and found them correct.

A. B. T 24 S.

Lchs

From the Cor to Tps 23 & 24
S. Rs 26 and 27 E. just es-
tablished by me. I run
East bet Secs 6 and 31

Va 12° 09' E

Through scattering brush

40.00 deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
Cor dug pit 18x18x12 ins E
& W of Cor $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it.
In E pit drove a stake 2
ins sq 2 ft long 12 ins in
the ground, marked $\frac{1}{4}$ Sec
N face.

80.00 deposited marked stone 12
ins in the ground for Cor to

R 27 E.

Lhs

Secs 5-6-31-32. 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 over it. In S. E
 part drove a stake 2 ins sq 2 ft
 long 12 ins in the ground. marked

P 23 S. S 32 on N. E

R 27 E. S 5 on S. E

P 24 S. S 6 on S. W and

S 31 on N. W faces. with 5
 notches on E. and 1 notch on W
 edges.

Surface level

Soil 1 $\frac{1}{2}$ rate

"Good" grass.

Mesquite and Sage brush

A. B. T 24 S.

Lehs

East bet Secs 5 and 32

Va $72^{\circ} 09' E$

Through scattering brush

40.00 deposited marked stone 12
ins in the ground for $\frac{1}{4}$ SecCor. dug pits $18 \times 18 \times 12$ insEast W of cor $5\frac{1}{2}$ ft dist and
raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it.

In E pit drove a stake 2 ins

sq 2 ft long 12 ins in the
ground. marked $\frac{1}{4}$ Sec on N face.

80.00 deposited marked stone 12

ins in the ground for cor to

Secs 4-5-32-33. dug pits $18 \times$ 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

R 27 E

Lhs

base over it. In S. E pit drove
a stake 2 ins sq 2 ft long 12 ins
in the ground marked

T 23 S. S 33 on N. E

R 27 E. S 4 on S. E.

T 24 S. S 5- on S. W end

S 32 on N. W faces with 4
notches on E end 2 notches on W edge

Surface level

Soil 1st rate

Grass good

Scattering brush.

East bet sec 4 and 32

On 12° 09' E

Through scattering brush

39.00 Leave camp. enter grass land.

N. B. T 24 S.

Lehs

- 40.00 deposited marked stone
12 ins in the ground for
 $\frac{1}{4}$ Sec cor. dug pits 18x18x
12 ins East W of cor. $5\frac{1}{2}$ ft
dist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base over it. In E pit drove
a stake 2 ins sq 2 ft long
12 ins in the ground marked
 $\frac{1}{4}$ S on N face.
- 49.75 across road bet N and S.
- 59.25 across creek 15-16 ft wide
course $S 10^{\circ} E$
- 67.00 Lean grass land, cut under
brush, bet N and S.
- 80.00 deposited marked stone 12
ins in the ground for cor to
Secs 3-4-33-34, dug pits

R 27 E

Lch

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 over it.
 In S. E. pit drove a stake 2 ins
 sq 2 ft long 12 ins in the ground
 marked T 23 S. S 34 on N. E

R 27 E. S 3 on S. E.

T 24 S. S 4 on S. W and

S 33 on N. W faces with 3
 notches on E & W edges.

Surface level and rolling

Soil 1 $\frac{1}{2}$ ft radi-

Grass good

Scattering brush.

A. B. T 24 S.

Lhs

East bet secs 3 and 34

Wa 12° 09' E

- 9.30 Cross gulch 20 lks wide
course S. W
- 39.50 Cross gulch 100 lks wide
course S. W
- 40.00 Set a sandstone 12x8x7 ins
8 ins in the ground for "u
Sec cor. marked "u on N face.
dug pit 18x18x12 ins E & W
of stone 5½ ft dist and
raised a mound of stone
alongside
- 80.00 deposited marked stone 12
ins in the ground for "Cor
to Secs 2-3-34-35: dug pit
18x18x12 ins in each sec
5½ ft dist and raised a

R 27 E

Lhs

mound of earth - 2 ft high $4\frac{1}{2}$ ft
base over it. In S. E. pit drove a
stake 2 ins sq 2 ft long 12 ins
in the ground. marked

T 23 S. S 35 on N. E

R 27 E. S 2 on S. E

T 24 S. S 3 on S. W and

S 34 on N. W faces with 2
notches on E and 4 notches on W
edges.

Surface level

Soil 1st rate

Good grass

Scattering mesquite and
sage brush.

A. B. T 24 S.

Lehs

East bet Secs 2 and 35-

On $12^{\circ} 09' E$

9.00 Entire grassy plain bet N. E
and S. W.

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

44.80 Cross road bet N. E & S. W

48.00 Entire brush " " "

55.00 Leaves brush and entire grass.

70.00 Entire brush.

R 27 E

Lebs

79.00 Earlier grassy plain br. S. W

80.00 deposited marked stone 12 ins in
 the ground for cor to Secs 1-2-
 35-36. 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 over it.
 In S. E pit drove a stake 2
 ins sq 2 ft long 12 ins in
 the ground marked

T 23 S. S 36 on N. E

R 27 E. S 1 on S. E

T 24 S. S 2 on S. W

S 35 on N. W faces with
 1 notch on E and 5 notches
 on W edges.

Surface level

Soil 1st rate

(This E. bdy. was resurveyed 1902)

N. B. T 24 S.

BOOK 1570

BOOK 1570

Lehs

Good grass
Scattering brush.

East bet secs 1 and 36

On $12^{\circ} 06' E$

1. 20 Entire brush br N. E & S. W

40. 00 Elefantit marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
Cor. dug pit 18 x 18 x 12 ins
East W of cor. $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
over it. In E pit drove a
stake 2 ins sq 2 ft long
12 ins in the ground
marked $\frac{1}{4}$ S on N face.

80. 00 Elefantit marked stone

by Philip Contzen, under Cont. 93.

R 27 E

BOOK 1570

lbs

12 ins in the ground for Cor
 li. Tps 23 and 24 S. R 27 &
 28 E. dug pits 24 x 18 x 12 ins
 lengthwise on each line N. S. E
 & W of Cor 6 ft dist and raised
 a mound of earth 2 1/2 ft high
 5 ft base over it. In E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked T 23 S S 31 on N. E

R 28 E. S 6 on S. E

T 24 S. S 1 on S. W and

R 27 E. S 36 on N. W faces
 with 6 notches on each edge.

Surface level

Soil 1st radi-

Good grass

Scattering brush.

(Car. re-established by Contzen, June, 1902. Contract 1093)
 The North Side T 24 S. P 28 E.

E. B. T 24 S.

chs

From the cor to Tfs 23 &
 24 S. Rs 27 and 28 E. just
 established by me I run
 South on a random line
 bet said Tfs. Va $12^{\circ} 08' E$
 setting temporary $\frac{1}{4}$ and Sec
 corners at each 40 and 80
 chs. and at 3 miles 6.26
 chs arrive at a point 110
 lks E of C. C. to Tfs 24 S.
 Rs 27 and 28 E. recently
 established by me.

from which cor I run
 N $15' E$ on a true line

bet Secs 19 and 24

Va $12^{\circ} 09' E$

6.26 Set a granite stone $12 \times 10 \times$
 9 ins 8 ins in the ground

R. 27 E

lch

for Cor to Secs 13-18-19-24
marked with 3 notches on N
and 3 edges dug pits 18x18x12
ins in each sec 5 1/2 ft dist
and raised a mound of
earth 2 ft high 3 1/2 ft base
alongside

Surface level
Soil 1st rate
Good grass
Some brush.

N 15' E on a true line bet Secs 13 & 18
Va 12° 09' E

40.00 Set a granite stone 12x8x7
ins 8 ins in the ground for
1/4 Sec Cor. marked 1/4 on N face

E. B. T 2 4 S

Lchs

drag pit 18x18x12 ins N
and S of post 5½ ft dist
and raised a mound
of earth 1½ ft high 3½
ft base alongside

60.00 Enter brush

70.00 Leave same and enter
grassy park br E & N

80.00 Set a granite rock 12x9x
8 ins 8 ins in the ground
for cor to Secs 7-12-13-18
marked with 2 notches on
N and 4 notches on S edges
drag pit 18x18x12 ins in
each sec 5½ ft dist and
raised a mound of
earth 2 ft high 4½ ft
base alongside

R 27 E

BOOK 1570

Lhs

Surface level

Soil 1st rate

Grass good

Scattering brush.

N 15' E on a true line bet secs 7 and 12

Ra 12° 09' E

Over grass country

40.00 Set a granite stone 18 X 7 X 5 ins

12 ins in the ground for $\frac{1}{4}$ secCor. marked $\frac{1}{4}$ on NW face, dug

pit 18 X 18 X 12 ins N and S of

post 5 $\frac{1}{2}$ ft dist and raised amound of earth 1 $\frac{1}{2}$ ft high8 $\frac{1}{2}$ ft base alongside

46.50 Enter brush br E and NW

80.00 Set a granite stone 12 X 10 X 8 ins

BOOK 1570

E. B. T 24 S

lehs

8 in in the ground for
cor to Secs 1-6-7-12.
marked with 5 notches on
S and 1 notch on N edges,
dug pits 18 X 18 X 12 in in
each sec 5 1/2 ft dist and
raised a mound of earth
2 ft high 4 1/2 ft base alongside
surface level
Soil 1st rate
Grass good
Scattering brush.

N 15' E on a true line
bet secs 1 and 6
On 12° 09' E

40.00 Set a granite stone

R 27 E

lbs

14 X 12 X 4 ins 9 ins in the ground
for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on NW
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

41.00 Enter grass country on N E
and S. NW

86.00 The cor to Tps 23 & 24 S,
Rs 27 and 28 E. recently
established by me.

Surface level

Soil 1st rate

Good grass

Scattering brush,

Dec 31st 1884

E. B. T 24 S.

chs

From the Cor li Tps 22 & 24
S. Rs 26 and 27 E. recently
established by me & run
South on a random line
on E. B of T 24 S. R 26 E
Va $12^{\circ} 09' E$

Setting temporary corners
at each 40 & 80 chs and
at 3 miles 6. 27 chs arrive
at a point 120 lks W of
C. Cor li Tps 24 S. Rs 26 &
27 E. recently established
by me, from which cor I run
N $17^{\circ} W$ on a true line

between secs 19 and 24
Va $12^{\circ} 09' E$

6. 27 deposited marked stone
12 ins in the ground for

R 26 E.

Lbs

cor to Secs 13-18-19-24, dug
 pits 18 X 18 X 12 ins in each sec
 5½ ft dist and raised a
 mound of earth 2 ft high
 4½ ft base over it. In S. E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked T 24 S. S 18 on N. E

R 27 E. S 19 on S. E

R 26 E. S 24 on S. M and

S 13 on N. M faces. with 3
 notches on N and S edges.

Surface level

Soil 1st rate

Grass good

abundant brush.

E. B. T 24 S.

Chs

N 17' W on a true line
bet secs 13 and 18

N_a 12° 09' E

40.00 deposited marked stone

12 ins in the ground for $\frac{1}{4}$

Sec Cor. dug pit 18 X 18 X 12 ins

N and S of Cor $5\frac{1}{2}$ ft dist

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

over it. In N pit drove a

stake 2 ins sq 2 ft long 12

ins in the ground. marked

$\frac{1}{4}$ S on W face.

80.00 deposited marked stone 12

ins in the ground for Cor

to Secs 7-12-13-18. dug pits

18 X 18 X 12 ins in each sec

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

R 26 E

Lch

mound of earth 2 ft high $4\frac{1}{2}$
ft base over it. In S. E. pit
drove a stake 2 ins sq 2 ft
long 12 ins in the ground
marked T 24 S. S 7 on N. E

R 27 E. S 18 on S. E.

R 26 E. S 13 on S. W and

S 12 on N. W faces with 4
notches on S. and 2 notches on
N. edges.

Surface level

Soil 1st rate

Grass good

Hence brush 40 chains

E. P. T 24 S

chs

N 17' W on a line
bet secs 7 and 12

On 12° 09' E

40.00 deposited marked stone 12
ins in the ground for $\frac{1}{4}$
Sec cor. dug pits 18x18x12
ins N and S of cor 5 $\frac{1}{2}$ ft dist
and raised a mound of
earth $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base
over it. In N pit drove a
stake 2 ins sq 2 ft long 12
ins in the ground. marked
 $\frac{1}{4}$ S on W face.

80.00 deposited marked stone
12 ins in the ground for Cor
to Secs 1-6-7-12. dug pits
18x18x12 ins in each sec
5 $\frac{1}{2}$ ft dist and raised a

R 26 E.

Lhs

mound of earth 2 ft high $4\frac{1}{2}$ ft base over it. In S. E. pit drove a stake 2 ins sq 2 ft long 12 ins in the ground.

marked T 24 S. S 6 on N. E.

R 27 E. S 7 on S. E.

R 26 E. S 12 on S. M and

S 1 on N. M faces. with 5 notches on S and 1 notch on N edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

E. B. T 2/4 S.

Lehs

N 17' W on a true line
bet secs 1 and 6

On 12° 09' E

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

80.00 The Cor to Tps 23 and 24 S.
Rs 26 and 27. E. from
which I started
surface level
Soil 1st rate

P 26 E

Lhs

grass good
scattering brush

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

E. B. T 23 S

lehs

From the cor to Tps 23 & 24
 S. Rs 27 and 28 E. recently
 established by me. I run
 North bet Secs 31 and 36
 On $12^{\circ} 09' E$

40.00 deposited marked down 12
 in in the ground for $\frac{1}{4}$ Sec
 Cor. dug pits 18 X 18 X 12 in
 N and S of cor $5\frac{1}{2}$ ft dist and
 raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over
 it. In N pit drove a stake
 2 in sq 2 ft long 12 in
 in the ground marked
 $\frac{1}{4}$ in S on N face.

65.00 Entire grassy valley bet S. W

78.00 Leave same, ascended
 through brush.

R 27 E

Lhs

80.00 Set a granite stone 16X12X4
 in 10 ins in the ground for
 cor li secs 25-30-31-36 marked
 with 1 notch on 3 and 5 notches
 on 4 edges. dug pits 18X18X12
 ins in each sec 5½ ft dist and
 raised a mound of earth 2
 ft high 4½ ft base alongside
 surface level and rolling
 Soil 1st rate

Good grass

Scattering brush.

North bet Secs 25 and 30

On 12° 09' E

20.00 Through brush

26.00 Leave brush and enter grassy Valley

E. B. T 2 3 S.

Lhs

32.00 Earliest brush brs N. E and S. W

40.00 deposited marked stone 12
 ins in the ground for $\frac{1}{4}$ Sec
 cor. dug pit 18 X 18 X 12 ins
 N and S of cor 3 $\frac{1}{2}$ ft dist
 and raised a mound of
 earth $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft
 base over it. In N pit drove
 a stake 2 ins sq 2 ft long
 12 ins in the ground marked
 $\frac{1}{4}$ S on NW face.

Earliest grass clearing

49.00 Earliest brush

63.00 Earliest grassy park. brs E & W

78.00 Earliest brush brs E and W

80.00 deposited marked stone 12
 ins in the ground for Cor
 to Secs 19-24-25-30. dug

R 27 E

Lhs

pit 18x18x12 ins in each sec
 5½ ft dist and raised a mound
 of earth 2 ft high 4½ ft base
 over it. In S. E. pit drove a
 stake 2 ins sq 2 ft long 12 ins
 in the ground marked

R 23 S. S 19 on N. E

R 28 E. S 30 on S. E

R 27 E. S 25 on S. W and

S 24 on N. W faces. with 2
 notches on S. and 4 notches on
 N edges.

Surface level

Soil 1st rate

Good grass.

Scattering brush.

E. B. T 23 S.

Lchs

North bet secs 19 and 24

On 12° 09' E

Through scattering brush

8. 00 Entire grass land bet E & W
20. 00 Entire brush bet E & W
27. 50 Entire grass bet .. "
40. 00 Set a granite stone 15 X 10 X 10
ins 10 ins in the ground for
1/4 Sec Cor. marked 1/4 on W
face. dug pit 18 X 18 X 12 ins
N and S of stone 5 1/2 ft dist
and raised a mound of
earth 1 1/2 ft high 3 1/2 ft base
alongside.
66. 50 Entire brush bet E and W
70. 00 Entire grass land ..
80. 00 Set a granite stone 12 X 10 X 8 ins
8 ins in the ground for Cor to

R 27 E

Lhs

Secs 13-18-19-24, marked with 3
notches on N and S edges dug pits
18X18X12 in in each sec 5½ ft
dist and raised a mound of
earth 2 ft high 4½ ft base
alongside

Surface level

Soil 1st rate

good grass

Scattering brush.

North bet Secs 13 and 18.

On 12° 06' E

In grass country on gentle W
slope of valley

40.00 Set a granite stone 12X10X9 in
8 in in the ground for ¼ Sec
Cor. marked ¼ on W face.

E. B. T 23 S.

chs

dug pits 18x18x12 ins N & 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

80.00

Set a granite stone 10x8x4
ins 6 ins in the ground for
Cor li Secs 7-12-13-18 marked
with 4 notches on S and 2
notches on N 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 slopes gradually
to the West.

Soil 1st rate

Good grass

Scattering brush.

R 27 E

Lhs

North bet secs 7 and 12

On $12^{\circ} 06' E$

In open grass land

33.00 Entire brush br E and W

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

44.50 Entire open grass land br E & W

51.00 Entire brush. br E and W

79.00 Same brush, entire open country

80.00 Set a granite stone $14 \times 10 \times 8$ ins 8 ins in the ground for Cor to Secs 1-6-7-12 marked with 5-

E. B. T 23 S.

Lehs

notches on S and 1 notch on N
edges dug pits 18 X 18 X 12 ins
in each sec 5½ ft dist and
raised a mound of earth 2
ft high 4½ ft base along side
surface level

Soil 10 rali

Grass good

Scattering brush.

North bet Secs 1 and 6

On 12° 06' E

Over grass-land

40.00 Set a granite stone 14 X 7 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

R 27 E

Lchs

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

80.00 Set a granite stone $14 \times 12 \times 8$ ins
& ins in the ground for cor to
Tps 22 and 23 S. Rs 27 and 28 E.
marked with 6 notches on each
edge. dug pits $24 \times 18 \times 12$ ins
lengthwise on each line N. S.
E & W of stone 6 ft dist and
raised a mound of earth
2 ft high $4\frac{1}{2}$ ft base alongside
surface level

Soil 1st rate

Good grass

Scattering brush.

Jan 1st 1885

E. B. T 22 S

Lehs

From the Cor to Tps 22 & 23
S. Rs 27 & 28 E. just estab-
lished by me. I run
North bet Secs 31 and 36

On $12^{\circ} 09' E$

In open grass land on easy
S. W. slope of valley

40.00 Set a granite stone $12 \times 9 \times$
 6 ins 8 ins in the ground
for $\frac{1}{4}$ Sec Cor. marked "4"
on W face. dug pit $18 \times 18 \times$
 12 ins N and S of stone $3\frac{1}{2}$ ft
dist and raised a mound
of earth $1\frac{1}{2}$ ft high $\cdot 3\frac{1}{2}$ ft
base alongside

60.00 Entire scattering brush, brs
E and W.

80.00 Set a limestone $10 \times 9 \times 8$ ins

R 27 E

Lch

6 ins in the ground for Cor li
 Secs 25-30-31-36. marked with
 1 notch on S and 5 notches on
 N edges dug pits 18x18x12 ins
 in each sec $3\frac{1}{2}$ ft dist and
 raised a mound of earth 2
 ft high $4\frac{1}{2}$ ft base alongside
 surface gently rolling
 Soil 1 lb rali
 Grass good
 Scattering brush.

North bet Secs 25 and 30

Va $12^{\circ} 09' E$

39.00 Cross ravine 20 lks wide
 drain S. W

40.00 Set a granite stone 12x10x9 ins

E. B. T 22 S.

Lchs

8 ins in the ground for $\frac{1}{4}$
 Sec Cor. marked $\frac{1}{4}$ on NW
 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 alongside

79. 00 Foot of hill on N. W and S. E

80. 00 deposited marked stone 12
 ins in the ground for cor
 to Secs 19-24-25-30. dug
 pits 18 X 18 X 12 ins in each
 sec $5\frac{1}{2}$ ft dist and raised
 a mound of earth 2 ft
 high $4\frac{1}{2}$ ft base over it.
 In S. E pit drove a stake
 2 ft long 2 ins sq 12 ins
 in the ground marked

R 27 E

Lehs

T 22 S. S 19 on N. E

R 28 E. S 30 on S. E

R 27 E. S 25 on S. W and

S 24 on N. W faces. with 2
notches on S. and 4 notches on
N edges.

Surface rolling and level

Soil 1st rate

Grass good

Scattering brush.

North- bet Secs 19 and 24

Wa 12° 09' E

Ascend ridge. angle of 4°

17.00 Top of ridge bet N. W & S. E

descend. angle of 5°

36.00 Foot of ridge. & entire dense
brush.

C. B. T 2 2 S

chs

40. 00 make correct allowances
and deposited marked
stone 12 ins in the ground
for $\frac{1}{4}$ Sec Cor. dug pits 18x18
x 12 ins N and S of cor 5 $\frac{1}{2}$
ft dist and raised a mound
of earth $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft
base over it. In N pit
drove a stake 2 ins sq 2
ft long 12 ins in the
ground. marked $\frac{1}{4}$ S on
N^r face.

80. 00 deposited marked stone
12 ins in the ground for
Cor to Secs 13-18-19-24.
dug pits 18x18x12 ins in
each sec 5 $\frac{1}{2}$ ft dist and
raised a mound of earth

R 27 E

chs

2 ft high 4½ ft base over it.
 In S. E. pit drove a stake 2 ins
 sq 2 ft long 12 ins in the
 ground marked

T 22 S. S 18 on N. E

R 28 E. S 19 on S. E

R 27 E. S 24 on S. W and

S 13 on N. W faces, with 3
 notches on N and S. edges.

Surface rolling uplands

Soil 2nd rank

Grass good

Dense brush. 44 chs

E. B. T 22 S.

Lhs

North bet Secs 13 and 18

On 12° 09' E

Through dense brush

14.85 Clear dense brush, entire
grassy park, bet E and W

19.00 Entire brush

28.75 Entire meadow, heavy grass
bet E and W.

40.00 deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
cor. dug pit: 18 x 18 x 12 ins
N and S of post $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
over it. In N pit drove a
stake 2 ft long 2 ins sq
12 ins in the ground
marked $\frac{1}{4}$ S on NW face

R 27 E

Lchs

- 5-1.80 Cross road br E and W
- 68.50 Emb's brush br N, E and S. W
- 80.00 Set a granite stone 12 X 8 X 7 ins 8
ins in the ground for cor to Secs
7-12-13-18. marked with 4 notches
on S and 2 notches on N edges.
dug pits 18 X 18 X 12 ins in each
sec 5 1/2 ft dist and raised a
mound of stone alongside.
Surface level
Soil 1st rate
Grass extra good
dense brush 14.85 chains

E B T 22 S.

Lhs

North bet Secs 7 and 12

On $12^{\circ} 09' E$

2.00 Entire scattering brush

40.00 Deposited marked stone 12
 ins in the ground for $\frac{1}{4}$ Sec
 cor. dug pit 18 X 18 X 12 ins
 N and S. of cor $5\frac{1}{2}$ ft dist
 and raised a mound of
 earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 over it. In N pit drove a
 stake 2 ft long 2 ins sq
 12 ins in the ground
 marked $\frac{1}{4}$ S on NW face.

56.00 Grassy draw 5 chains wide
 by NW

78.00 Grassy draw 6 chains
 wide by NW

80.00 Set a granite rock 12 X 10

R 27 E

Lehs

6 ins 8 ins in the ground for
 Cor to Secs 1-6-7-12. marked
 with 5 notches on S and 1 notch
 on N 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 level

Soil 1st rate

Grass fine

Scattering brush.

North bet Secs 1 and 6

Va 12° 09' E

In grassy draw

2. 5-5- Cross road bet East W. entire brush

19. 30 " " bet N. E and S. W

E. B. T 22 S.

Lhs

- 40.00 deposited marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. dug pits 18 X 18 X 12 ins N and S of Cor $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In N pit drove a stake 2 ins sq 2 ft long 12 ins in the ground, marked $\frac{1}{4}$ S on W face.
- 80.00 Set a granite stone 12 X 10 X 8 ins 8 ins in the ground for Cor to Tps 21 and 22 S, Rs 27 & 28 E. marked with 6 notches on each edge, dug pits 24 X 15 X 12 ins lengthwise on each line N, S, E & W of stone 6 ft dist and raised a mound of earth $2\frac{1}{2}$ ft high 5 ft

R 27 E.

BOOK 1570

lehs

base along side
Surface rolling
Soil 1st rate
Grass good
dense brush.

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

Jan 2nd 1885

E. B. T 21 S.

lbs

From the cor to Tps 21 and 22
S. Rs 27 and 28 E. just estab-
lished by me. I run

North bet Secs 31 and 36

On $12^{\circ} 09' E$

40.00 Deposit marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
cor. dug pit 18 X 18 X 12 ins
N and S of cor $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
over it. In N pit drove a
stake 2 ins sq 2 ft long 12
ins in the ground, marked
 $\frac{1}{4}$ S on N face.

80.00 Set a Limestone 14 X 10 X 6 ins
9 ins in the ground for cor
to Secs 25-30-31-36. marked

R 27 E

Lehs

wish 1 notch on S and 5 notches
on N 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 level. on W slope
Soil 2nd rate

Grass good

dense mesquite catclaw and
grease wood brush.

North lot secs 25 and 30

On 12° 09' E

40.00 Set a limestone 12x10x6 ins &
ins in the ground for 1/4 Sec Cor
marked 1/4 on N face. dug pits
18x18x12 ins N and S of stone 5 1/2

Lehs

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

78. 40 Cross gulch 10 lbs wide Co. W.

80. 00 Set a granite stone $14 \times 10 \times 5$
ins 9 ins in the ground for
cor to Secs 19-24-25-30 marked
with 2 notches on 3 and 4

notches on N edges, dug pits
 $18 \times 18 \times 12$ ins in each, see
 $3\frac{1}{2}$ ft dist and raised a
mound of earth 2 ft high $4\frac{1}{2}$
ft base alongside.

Surface level and rolling
Soil 2nd rate

Grass good
dense catclaw brush.

R 27 E

lehs

North - bet Secs 19 and 24

Va 12° 09' E

- 40.00 Set a limestone 12 X 10 X 6 ins & ins in the ground for $\frac{1}{4}$ Sec bet marked $\frac{1}{4}$ on N fac. 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 alongside
- 72.80 Cross wagon road bet S. E & N. W ascend mt ridge ^{bet N} at an angle ^{50°}
- 76.00 Top of ridge descend at same angle
 ^{make allowances and}
- 80.00 Set a limestone 16 X 9 X 8 ins 11 ins in the ground for cor to Secs 13-18 19-24 marked with 3 notches on N and S edges. dug pits 18 X 18 X 12 ins in each sec $5\frac{1}{2}$ ft dist and raised a mound of stone alongside

E. B. T 21 S. — — —

Lhs.

Surface broken
 Soil rocky 3rd rate
 Grass fair
 Scattering brush.

North bet secs 13 and 18

Dip $12^{\circ} 09' E$

1. 00 Cross road bet A. E and S. W

3. 70 " " to mining camp
bet E and W5. 00 Foot of spur. cross gulch
15-20 lbs wide, course W6. 00 Ascend gradually over
broken ground to mountains18. 00 Cross gulch 10 lbs wide
course S. E40. 00 Set a lime stone $12 \times 9 \times 8$ ins

- - - R 27 E

chs

8 ins in the ground for $\frac{1}{4}$ Sec
 cor. marked $\frac{1}{4}$ on W face and
 raised a mound of stone alongside
 70.00 Ascend at an angle of 5°

80.00 make correct allowance and set
 a limestone $16 \times 12 \times 5$ ins 9 ins in
 the ground for cor to Secs 7-12-13
 18. marked with 4 notches on S
 and 2 notches on N edges, and
 raised a mound of stone
 alongside

Surface broken

Soil rocky 3rd rate

Gross fair

Scattering brush

E. B. T 21 S

Leho

North- bet secs 7th and 12On $12^{\circ} 09' E$

Ascending W end of spur

3. 00 Top of earm, descend angle 6°
13. 00 Foot " " and over broken country
16. 00 East dense catsclaw brush
40. 00 Make allowance and set a
Limestone $12 \times 10 \times 6$ ins 8
ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on NW face,
and raised a mound of
stone alongside
80. 00 Set a Limestone $12 \times 10 \times 8$ ins
 8 ins in the ground for Cor
to Secs 1-6-7-12. marked
with 5 notches on S and 1
notch on N edges, dug pits
 $18 \times 18 \times 12$ ins in each sec

R 27 E

lehs

5½ ft dist and raised a
mound of earth 2 ft high 4½ ft
base along side

Surface broken and uneven
Soil rocky ^{grd} rate

Grass fair

Dense brush 64 chs

North bet Secs 1 and 6

On 12° 09' E

- 1.20 Leave dense brush and ascend
N end of spur, angle 4°
- 20.00 Top of spur, project N descend
at same angle
- 39.00 Base of spur, cross gulch 25-30
wide, course S. W
- 40.00 make correct allowance and

E. B. T 21 S

lehs

Set a Limestone $13 \times 10 \times 6$ ins
 8 ins in the ground for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ on NW face. and
 raised a mound of stone
 alongside

Thence over broken country
 sloping to S. W.

5-2.00 across gulch 16 lbs wide
 course S. W

64.00 across gulch 20 lbs wide
 course S. W

74.00 across gulch 16 lbs wide
 course S. W

75.80 Intersect $14''$ Standard Par
 South at a point 51.50 chs
 W of Standard Cor to lbs
 20 S. Rs 27 & 28 E. which is
 a limestone 14×11 ins

R 27 E

lbs

S. E

marked with 6 notches on N. E
and W edges, and a mound
of stone alongside, and

Set a Limestone 10 X 10 X 8 ins
6 ins in the ground for closing
cor to Twp 21 S. Rs 27 & 28 E.

marked ^{S. E.} with 6 notches on S. E
& W edges, and raised a
mound of stone alongside

Surface mountainous

Soil 3rd rate

Grass fair

Scattering brush

Carefully examined and tested
my compass in all its ad-
justments and found them
correct.

Jan 3rd 1885

E. B. T 23 S.

lehs

From the cor to Tns 23 & 24
S. Rs 26 and 27 E. recently
established by me. I run
North bet Secs 31 and 36

On $12^{\circ} 09' E$

Through good grass

40.00

deposited marked stone 12
ins in the ground for $\frac{1}{4}$
Sec Cor dug pits $18 \times 18 \times 12$
ins N and S of Cor $5\frac{1}{2}$ ft
dist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base over it. In N pit

drove a stake 2 ins sq 2
ft long 12 ins in the ground
marked $\frac{1}{4}$ S on W face

80.00

deposited marked stone 12 ins
in the ground for cor to Secs

R 26 E

Lhs

25-30-31-36. dug pits 18x18x12
 ins in each ecc $5\frac{1}{2}$ ft dist and
 raised a mound of earth 2
 ft high $4\frac{1}{2}$ ft base over it. In
 S E pit drove a stake 2 ins eq
 2 ft long 12 ins in the ground
 marked T 23 S. S 30 on N. E
 R. 27 E. S 31 on S. E

R 26 E. S 36 on S. W and
 S 25 on N. W faces with 1
 notch on S and 5 notches on
 N edges.

Surface nearly level

Soil 1st rate

Good grass

Scattering mesquite and Sage brush

Lehs

North bet Secs 25 and 30

On $12^{\circ} 09' E$

Through scattering brush

8. 00 Corner open grass land
br E and W

40. 00 Deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
Cor. dug pit 18 x 18 x 12 ins
N and S of cor $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it
In N pit drove a stake 2
ins sq 2 ft long 12 ins in
the ground marked $\frac{1}{4}$ S on
W face.

65. 00 Corner scattering brush br E & W

80. 00 Deposited marked stone 12
ins in the ground for cor

R 26 E

lehs

to Secs. 19-24-25-30. dug pits
 18x18x12 ins in each sec 5½ ft
 dist and raised a mound of
 earth 2 ft high 4½ ft base over
 it. In S. E pit drove a stake 2
 ins sq 2 ft long 12 ins in the
 ground marked

T 23 S. S 19 on N. E

R 27 E. S 30 on S. E

R 26 E. S 25 on S. W and

S 24 on N. W faces. with 2
 notches on S and 4 notches on N
 edges.

Surface nearly level

Soil 1st rate

Good grass

Scattering brush.

E. B. T 2 3 S.

Chs.

North- bet Secs 19 and 24

On 12° 00' E

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

80.00 deposited marked stone 12
 ins in the ground for Cor to
 Secs 13-18-19-24. dug pits
 18x18x12 ins in each sec
 $8\frac{1}{2}$ ft dist and raised a
 mound of earth 2 ft high

R 26 E

Lhs

4½ ft base over it. In S. E. pit
 drove a stake 2 in sq 2 ft long
 12 ins in the ground. marked

T 23 S. S 18 on N. E

R 27 E. S 19 on S. E

R 26 E. S 24 on S. W and

S 13 on N. W faces. with 3
 notches on N and S edges.

Surface level

Soil 1st rate

Good grass

Scattering mesquite brush.

North- bet secs 13 and 18

On 12° 06' E

40.00 Deposited marked stone 12 ins
 in the ground for ¼ Sec. cor.

E. B. T 2 3 S

Lchs

dug pits 18x18x12 ins N & S
 of cor 5½ ft dist and raised
 a mound of earth 1½ ft
 high 3½ ft base over it.
 In N pit drove a stake 2
 ins sq 2 ft long 12 ins in
 the ground. marked 14 S
 on N face.

54.00 Embury Valley br N. W and S. E

63.30 across creek 20 lks wide
 course S 60° E

80.00 deposited marked stone 12
 ins in the ground for cor to
 to Secs 7-12-13-18. dug pits
 18x18x12 ins in each sec
 5½ ft dist and raised a
 mound of earth 2 ft high
 4½ ft base over it. In S. E

R 26 E

Chs

pit drove a stake 2 ft long
2 ins sq 12 ins in the ground
marked T 23 S. S 7 on N. E

R 27 E. S 18 on S. E

R 26 E. S 13 on S. Tr and

S 12 on N. Tr faces with 4
notches on S and 2 notches on
N edges.

Surface level

Soil 1st rate-

Good grass.

Some brush

North- bet secs 7 and 12

On $12^{\circ} 09' E$

Through open grass country

10.00

Enter brush br E and Tr

E. B. T 23 S.

Chs

- 17.50 Cross wagon road and trail
on N. 4th and S. E
- 40.00 deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
Cor. dug pits 18 X 18 X 12 ins
N and S of Cor. $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it.
In N pit drove a stake 2
ins sq 2 ft long 12 ins in
the ground. marked $\frac{1}{4}$
S on N face.
- 52.00 Earth scattering brush
- 80.00 deposited marked stone 12
ins in the ground for Cor
to Secs 1-6-7-12. dug pits
18 X 18 X 12 ins in each sec
 $5\frac{1}{2}$ ft dist and raised a

R 26 E

ch,

mound of earth - 2 ft high
 4½ ft base over it In S. E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked T 23 S. S 6 on N. E

R 27 E. S 7 on S. E

R 26 E. S 12 on S. W and

S 1 on N. W. faces. with 5
 notches on S and 1 notch on N
 edges.

Surface level and rolling

Soil 1st rate

Grass good

Scattering brush.

E. B. T 28 S.

Chs

North- bet Secs 1 and 6

Var $12^{\circ} 09' E$

40.00 Depositit marked stone 12
ins in the ground for $\frac{1}{4}$ Sec.
cor. dug pit- $18 \times 18 \times 12$ ins N
& S of cor $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In N pit
drew a stake 2 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on W face.

40.45 Cross trail and road bet N. W
and S. E

42.00 Corner grassy meadow
bet E and W

80.00 Depositit marked stone 12 ins
in the ground for cor li Phs
22 & 23 S, Rs 26 and 27 E.

R 26 E

Lk

dug pits 24x18x12 ins lengthwise
 on each line N. S. E. and W of Cor
 6 ft dist and raised a mound
 of earth- 2½ ft high 5 ft base over
 it. In E pit drove a stake 2
 ins sq 2 ft long 12 ins in the
 ground marked

T 22 S. S 31 on N. E

R 27 E. S 6 on S. E

T 23 S. S 1 on S. W and

R 26 E. S 36 on N. W face.
 with 6 notches on each edge.

Surface level

Soil 1st rate-

Good grass and some brush.

A. B. T 23 S -

chs

From the cor li Tps 22 and 23
S. Rs 26 and 27 E. just estab-
lished by me I run East on
a random line on A. B. of Tps
Va $12^{\circ} 06' E$

Setting temporary corners at
each 40 and 80 chs and at
5 miles 79 60 chs arrive at
a point 15-6 lks N of Cor li
Tps 22 and 23 S. Rs 27 and 28 E.
occasionally established by me.
from which cor I run
 $N 89^{\circ} 49' W$ on a true line

Set secs 1 and 36

Va $12^{\circ} 06' E$

In good grass land.

sloping gently li the West.

40.00 Set a granite stone $12 \times 8 \times 7$

R 27 E

lehs

8 ins in the ground for $\frac{1}{4}$ Sec
 cor marked $\frac{1}{4}$ on N face. dug pits
 18X18X12 ins E and W of stone
 $5\frac{1}{2}$ ft dist and raised a mound
 of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 along side

41.00 Entire dense catclaw brush.
 to N. E and S. W

44.00 Entire grass to N. E and S. W

60.00 " dense brush to N and S.

73.00 " grassland " "

78.50 " dense brush " "

80.00 Set a limestone 18X12X10 ins 12
 ins in the ground for cor to Secs
 1-2-35-36. marked with 1 notch
 on E and 5 notches on W edges.
 dug pits 18X18X12 ins in each
 sec $5\frac{1}{2}$ ft dist and raised a

N. B. T 23 S - - -

Chs

mound of earth 2 ft high
 4½ ft base alongside
 surface level and rolling
 soil 1st rate

Grass good
 dense brush 18 chains

N 89° 49' W on a true line
 bet secs 2 and 35
 Va 12° 06' E

In dense brush

15. 00 Entire grass land br N. E & S. W
 22. 00 " dense catclaw brush
 br N. E and S. W
 36. 00 Entire grass br N. E & S. W
 40. 00 Set a granite stone 20x10x6
 in 14 ins in the ground for

R 27 E

Lhs

$\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on N. face.
dug pit 18 X 18 X 12 ins E and W of
stone $5\frac{1}{2}$ ft dist and raised a
mound of stone alongside.

45.00 Entire brush bn N and S.

60.00 " open grass land

63.25 Cross trail and wagon road
bn N. E and S. W

80.00 Set a granite stone 14 X 8 X 7 ins
9 ins in the ground for Cor E.
Secs 2-3-34-35. marked with 2
notches on E and 4 notches on W
edges. dug pit 18 X 18 X 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 level
Soil 1st rate

A. B. T 23 S.

chs

Grass good
dense brush 29 chains

N 89° 49' W on a true line
bet Secs 2 and 34

On 12° 06' E

In open grass land

25.60 Cross wagon road from
Swisshelm mts to Sulphur
spring valley, bet N. E & S. W

40.00 Set a lime stone 12 x 8 x 6 ins
& ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face. dug
pit 18 x 18 x 12 ins East 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.

R 27 E

Lhs

80.00 Set a granite stone $12 \times 8 \times 6$ ins
 8 ins in the ground for Cor li Secs
 3-4-33-34. marked with 3 notches
 on E and W edges, dug pits $15 \times 15 \times 12$
 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 level
 Soil 1st rate
 Grass good
 Scattering brush.

$N 89^{\circ} 49' W$ on a true line bet Secs 4 & 33
 Dec $12^{\circ} 12' E$

In open grass land

40.00 Set a limestone $12 \times 10 \times 6$ ins 8 ins
 in the ground for $\frac{1}{4}$ Sec Cor.

N. B. T 23 S - - -

lbs.

marked $\frac{1}{4}$ on N face dug
 pit 18X18X12 ins E and W
 of stone $5\frac{1}{2}$ ft dist and raised
 a mound of earth $1\frac{1}{2}$ ft
 high $3\frac{1}{2}$ ft base alongside
 80.00 deposit marked stone 12
 ins in the ground for Cor to
 Secs 4-5-32-33. dug pit
 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 over it. In S. E
 pit drove a stake 2 ins sq
 2 ft long 12 ins in the
 ground marked

T 22 S. S 33 on N. E

R 27 E. S 4 on S. E

T 23 S. S 5 on S. W and

R 27 E

Lehs

S 32 on N W faces with 4
notches on E and 2 notches on
W edges.

Surface level

Soil 1st rate

Good grass

Scattering brush.

N 89° 49' W on a true line

between secs 5 and 32.

On 12° 12' E

In open grass country

40.00 Set a quartz stone 12 x 10 x 6 ins dug
8 ins in the ground for $\frac{1}{4}$ Sec corner
marked $\frac{1}{4}$ on N face, dug pits
18 x 18 x 12 ins E and W of stone
 $5\frac{1}{2}$ ft dist and raised a mound

A. P. T 23 S. . . .

Lehs

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

80.00 A deposit marked stone 12
ins in the ground for Cor to
Secs 5-6-31-32. dug pits $18 \times$
 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 over it. In S. E. pit
drove a stake 2 ins sq 2
ft long 12 ins in the ground
marked T 22 S. S 32 on N. E.
R 27 E. S 5 on S. E.
T 23 S S 6 on S. W and
S 31 on N. W faces with 5
notches on E. and 1 notch
on W edges.
Surface level

--- R 27 E

chs

Soil 1st rali-
 Grass good
 Scattering brush.

N 89° 49' W on a true line

bet Secs 6 and 31

On 12° 12' E

In open grass land

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

79.60 The cor li Tps 22 and 23 S.

A. B. T 23 S. R 27 E

Lehs

Rs 26 and 27 E. from which
I started.

Surface level

Soil 1st rate

Grass good

Scattering brush.

Jan 4" 1885

N. B. T 23 S. R 26 E

chs

From the cor ls Tps 22 and 23 S.
Rs 26 and 27 E. recently estab-
lished by me I run West on
a random line on N. B of Tps
Over $12^{\circ} 06' E$

Setting temporary corners at
each 40 and 80 chs. and at
6 miles 30 lks intersect the
 $4\frac{1}{4}$ ch Guide Meridian E 12 lks
N of Cor ls Tps 22 and 23 S.

Rs 25 & 26 E. which is a
granite stone 12×10 ins marked
with 6 notches on each edge
and a mound of stone along
side. from which cor I run
 $N 89^{\circ} 59' E$ on a true line bet Secs 6 & 31
Over $12^{\circ} 06' E$

40. 30 deposited marked stone 12 ins

A. B. T 2 3 S.

lehs

in the ground for $\frac{1}{4}$ Sec Cor
 dug pit 18 x 18 x 12 ins E &
 W of Cor $5\frac{1}{2}$ ft dist and raised
 a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked $\frac{1}{4}$ S on N face.

50. 00 Cross old road on N. & S. W

80. 30 Deposited marked stone 12
 ins in the ground for Cor
 to Secs 5-6-31-32. dug pits
 18 x 18 x 12 ins in each sec
 $5\frac{1}{2}$ ft dist and raised a
 mound of earth 2 ft high
 $4\frac{1}{2}$ ft base over it. In S. E
 pit drove a stake 2 ins sq
 2 ft long 12 ins in the

R 26 E

Lhs

ground marked

T 22 S, S 32 on N. E

R 26 E, S 5 on S. E

T 23 S, S 6 on S. W and

S 31 on N. W faces, with 5-
notches on E and 1 notch on W
edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

N 89° 59' E on a true line bet Secs 5 & 32

W 12' 06' E

40.00 deposited marked stone 12 ins in a
the ground for 1/4 Sec. low dug pits
18 X 18 X 12 ins E and W of low 1/2 ft

A. B. T 23 S.

lehs

dist and raised a mound of earth - $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground. marked $\frac{1}{4}$ S on N face.

80.00 Set a limestone $12 \times 9 \times 9$ ins 8 ins in the ground for Cor li Secs 4-5-32-33. marked with 4 notches on E and 2 notches on W 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

Soil 1st rate

Good grass

R 26 E

Lhs

Scattering brush.

N 89° 59' E on a true line bet Secs 4 and 33

Va 12° 06' E

- 8.30 Easier scattering brush
- 36.00 Cross road bet N. E and S. W
- 40.00 Set a limestone 12 x 9 x 8 ins 8 ins
in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ on N face. dug pit E
18 x 18 x 12 ins E and W of stone $5\frac{1}{2}$ ft
dirt and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base along side 2 ins
- 59.70 Cross creek 10 lbs wide course
S 60° E. cor
- 80.00 Deposited marked stone 12 ins a
in the ground for Cor to Secs high
3-4-33-34. dug pit 18 x 18 x 12 ins

N. B. T 23 S.

Lehs

in each sec $5\frac{1}{2}$ ft dist and
 raised a mound of earth
 2 ft high $4\frac{1}{2}$ ft base over it.
 In S. E. pit drove a stake
 2 in sq 2 ft long 12 in in
 the ground. marked

T 22 S. S 34 on N. E

R 26 E. S 3 on S. E

T 23 S. S 4 on S. W and

S 33 on N. W faces with
 3 notches on E and W edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

R 26 E

Lhs

rsh-

N 89° 59' E on a true line bet Secs 3 and 34

On 12° 06' E

16.00 Entire gross country

40.00 deposited marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. dug pits 18X18X12 ins E and W of cor $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it.

In E pit drove a stake 2 ins sq. 2 ft long 12 ins in the ground & marked $\frac{1}{4}$ S on its face.

80.00 deposited marked stone 12 ins in the ground for Cor to Secs 2-3-34-35: 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 over it. In S. E pit drove a stake 2 ins sq.

2 ins

r. dug
cor

high

N. B. T 23 S

Cchs

2 ft long 12 ins in the
ground marked

T 22 S. S 35 on N. E

R 26 E. S 2 on S. E

T 23 S. S 3 on S. W 2

S 34 on N. W face. with
2 notches on E and 4 notches
on W edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

N 89° 59' E on a true line

bet secs 2 and 35-

Wa 12° 06' E

40.00 deposited marked stone 12

R 26 E

Lhs

ins in the ground for $\frac{1}{4}$ Sec two
 dug pits 18X18X12 ins E and W
 of cor $5\frac{1}{2}$ ft dist and raised a
 mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$
 ft base over it. In E pit drove
 a stake 2 ins sq 2 ft long 12
 ins in the ground marked $\frac{1}{4}$
 S on N face.

80.00 deposited marked stone 12 ins
 in the ground for Cor to Secs
 1-2-35-36. 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 over it. In
 S. E pit drove a stake 2 ins sq
 2 ft long 12 ins in the ground a
 marked T 22 S. S 36 on N. E
 R 26 E. S 1 on S. E

A. B. T 2 3 S,

Lhs

T 2 3 S. S 2 on S. W and
 S 35- on N. W face. with 1
 notch on E and 5 notches
 on W edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

N 89° 59' E on a true line

bet Secs 1 and 36

Var 12° 09' E

10. 00 Entire brush. br N and S.

39. 5-5 Across road br N. E & S. W

40. 00 deposited marked stone 12
 ins in the ground for 1/4 Sec
 Cor. dug pits 18x18x12 ins

R 26 E

lehs

E and W of cor $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$
ft base over it. In E pit drove a
stake 2 ins sq 2 ft long marked
 $\frac{1}{4}$ S on N face.

80.00 The cor to Tps 22 and 23 S. R 26 and
27 E.

Surface descending gently to W
Soil 1st rate

Grass good

Scattering brush.

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

Jan 5th 1885

ish-

E

2 ins
a dug
cor
a
high

E. B. T 22 S

Cchs

From the cor to Tps 22 and 23
S Rs 26 and 27 E. previously
established by me I run
North bet Secs 31 and 36.

Wa $12^{\circ} 09' E$.

ascending gradually

40.00 deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits 18 X 18 X 12 ins N and S
of cor $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft
high $3\frac{1}{2}$ ft base over it. In
N pit drove a stake 2 ins sq,
2 ft long 12 ins in the ground
marked $\frac{1}{4}$ S on NW face.

80.00 deposited marked stone 12
ins in the ground for cor to
Secs 25-30-31-36. dug pits

--- R 26 E

lehs

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 over it.
In S. E pit drove a stake 3 ins
sq 2 ft long 12 ins in the
ground marked

T 22 S. S 30 on N. E

R 27 E. S 31 on S. E

R 26 E. S 36 on S. W and

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

Surface nearly level

Soil 1st rate

Good grass

Scattering brush.

E. B. T 22 S.

Chs

North bet Secs 25 and 30

On $12^{\circ} 09' E$

40.00 deposited marked stone 12
in in the ground for $\frac{1}{4}$ Sec
Cor. dug pits 18 X 18 X 12 in

N and S of Cor $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it.

In N pit drove a stake 2 in
sq 2 ft long 12 in in the
ground. marked $\frac{1}{4}$ S on W face.

72.00 Cross wagon road bet East W.

80.00 deposited marked stone 12 in

in the ground for Cor to Secs
19-24-25-30. dug pits 18 X

18 X 12 in in each sec $5\frac{1}{2}$
ft dist and raised a mound
of earth 2 ft high $4\frac{1}{2}$ ft base

R 26 E

Cchs

over it. In S. E. pit drove a stake
2 ins sq 2 ft long 12 ins in
the ground marked.

T 22 S. S 19 on N. E

R 27 E. S 30 on S. E

R 26 E. S 25 on S. W and

S 24 on N. W faces with 2
notches on S and 4 notches on N edge

Surface nearly level

Soil 1st rate

Grass good

Scattering brush.

North bet Secs 19 and 24

Va 12° 09' E

ascending gradually

40.00 Deposited marked stone 12 ins in

E. B. T 22 S

Lhs

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

80.00 deposited marked stone 12
 ins in the ground for Cor to
 Secs 18-18-19-24. dug pits
 18 X 18 X 12 ins in each sec $5\frac{1}{2}$
 ft dist and raised a mound
 of earth 2 ft high $4\frac{1}{2}$ ft
 base over it. In S. E. pit
 drove a stake 2 ft long 2 ins
 sq 12 ins in the ground
 marked T 22 S, S 18 on N. E

R 26 E

Lhs

R 27 E. S 19 on S. E

R 26 E. S 24 on S. W &

S 13 on N. W faces. with 3
notches on N and S edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

North- bet secs 13 and 18

Va 12° 09' E

Through good grass

40.00 Al'posilit marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits 18x18x12 ins N and S
of cor $3\frac{1}{2}$ ft dist and raised a
mound of earth $1\frac{1}{2}$ ft high

Rhs

E

ins
dug
or
a
igh

E. B. T 22 S

Lch

$3\frac{1}{2}$ ft base over it. In N. E. fit
drew a stake 2 ins sq 2
ft long 12 ins in the ground
marked $\frac{1}{4}$ S on W. face.

80.00 deposited marked stone 12
ins in the ground for Cor
to Secs 7-12-13-18. dug pits
18x18x12 ins in each sec
 $5\frac{1}{2}$ ft dist and raised a
mound of earth 2 ft high
 $4\frac{1}{2}$ ft base over it. In S. E.
fit drew a stake 2 ins
sq 2 ft long 12 ins in the
ground marked

T 22 S. S 7 on N. E.

R 27 E. S 18 on S. E.

R 26 E. S 13 on S. W.
and S 12 on N. W. faces.

R 26 E

lebs

with 4 notches on S and 2 notches
on N edges.

Surface level

Soil 2nd rate

Grass good

Scattering brush.

North- bet accs 7 and 12

On 12° 09' E

In good grass country

40.00 deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.

dug pits 15 X 18 X 12 ins N and S of
cor 5½ ft dist and raised a

mound of corth- 1½ ft high 3½
ft base over it. In N pit drove

a stake 2 ins eq 2 ft long 12 ins

E. B. T 22 S.

chs

in the ground. marked

1/4 S on W face.

44.00 across road. to N. E & S. W

49.00 " " " "

51.00 Hay ranch to E. 4. chs dist

80.00 deposited marked stone 12

ins in the ground for cor

to Secs 1-6-7-12. dug pits

18x18x12 ins in each sec

5 1/2 ft dist and raised a

mound of earth 2 ft high

4 1/2 ft base over it. In S. E

pit drove a stake 2 ins sq

2 ft long 12 ins in the

ground marked

T 22 S. S 6 on N. E

R 27 E. S 7 on S. E

R 26 E. S 12 on S. W

R 26 E

Chs

and S 1 on N. W. faces. with
5 notches on S and 1 notch on
N edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

North- bet sees 1 and 6

On $12^{\circ} 09' E$

33.00 Cross valley 2 chains wide
bears S. W.

40.00 deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec. Cor. dug
pit 15 X 18 X 12 ins N & S of cor
 $\frac{1}{2}$ ft dist and raised a
mound of earth $1\frac{1}{2}$ ft high

E. B. T 22 S.

Lhs

3½ ft base over it. In N
 fait drove a stake 2 ins
 sq 2 ft long marked "1/4"
 S on W face.

80.00 deposited marked stone 12
 ins in the ground for Cor
 E- Tps 21 and 22 S. Rs 26 &
 27 E. dug pits 24 x 18 x 12
 ins lengthwise on each line
 N. S. E and W of cor 6 ft
 dist and raised a mound
 of earth 2½ ft high 5 ft
 base over it. In E fait
 drove a stake 2 ins sq 2
 ft long 12 ins in the
 ground marked

T 21 S. S 31 on N. E

R 27 E. S 6 on S. E

R 26 E

lbs

T 22 S. S 1 on S. W end

R 26 E. S 36 on N. W face.
with 6 notches on each edge.

Surface level

Soil 1st rate

Good grass

Scattering brush.

N. B. T 22 S. R 27 E

From the cor li Tps 21 and 22 S.

Rs 26 & 27 E. recently established
by me I run E on a random
line on N. B. of T₂

On 12° 09' E

Setting temporary corners at each

A. B. T 2 2 8

chs

40 and 80 chs. and at 5 miles
 79.20 chs arrive at a point
 96 lbs N of Cor li Tps 21
 922 S. R. 27 & 28 E. recently
 established by me.

from which cor I run
 N $89^{\circ} 53'$ W on a true line
 bet Secs 1 and 26.

On $12^{\circ} 19'$ E

descend gradually

40.00

Set a limestone $12 \times 10 \times 7$ ins

8 ins in the ground for '14

marked $\frac{1}{4}$ on W. face
 Sec Cor. $\frac{1}{2}$ larg pits $18 \times 18 \times 12$

ins E and N of cor $5\frac{1}{2}$ ft

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

80.00

Set a limestone $14 \times 9 \times 8$ ins

R 27 E

lets

9 ins in the ground for Cor li-
Secs 1-2-35-36 marked with
1 notch on E and 5 notches on W
edges. dug pits 15x18x12 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 nearly level

Soil 1st rate

Good grass

Dense mesquite grease wood
and catclaw brush.

N 89° 53' W on a true line bet Secs 2 & 35

On 12° 09' E

In dense brush

3.00 Cross road to mud springs

N. B. T 22 S.

Lbs

19. 50 Ls on brush, and entire gross land
29. 00 Ascend ridge brs N and S,
angle of 4°
40. 00 Make correct allowance and
Set a limestone $12 \times 10 \times 10$ ins
8 ins in the ground for $\frac{1}{4}$
Sec Cr. marked $\frac{1}{4}$ on N face
and raised a mound of
stone alongside
42. 00 Top of ridge brs N and S,
descend gradually over
grassy plain
80. 00 Set a limestone $20 \times 15 \times 11$ ins
15 ins in the ground for
Air li Secs 2-3-34-35: marked
with 2 notches on 8 and 4
notches on W edges dug pits

R 27 E

chs

18 X 18 X 12 ins in each sec 5th
ft dist and raised a mound
of earth - 2 ft high 4¹/₂ ft base
alongside.

Hay stack bn S 80 lbs dist
Surface level and rolling
Soil 1st rate

Grass good

Clear brush 19.50 chs.

N 89° 53' W on a true line bet secs
3 and 34. Va 12° 09' E

Through grass land

2.00 across road bn N. W and S. E

24.00 " Hay road " "

40.00 deposited marked stone 12 ins
in the ground for ¹/₄ Sec Cor.

N. B. T 22 S.

Lbs

$3\frac{1}{2}$ ft base over it. In E pit
drove a stake 2 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on N face.

80.00 Set a limestone $10 \times 10 \times 6$ ins.
6 ins in the ground for Cor
to Secs 4-5-32-33. marked
with 4 notches on E and 2
notches on W 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
Soil 1st rate
Good grass.

R 27 E

Lbs

N 89° 53' W on a true line bet sees 5 and 32

On 12° 09' E

40.00 Set a volcanic stone 12 x 10 x 6 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 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

80.00 Set a volcanic stone 12 x 10 x 8 ins
 8 ins in the ground for Cor to Sec
 5-6-31-32. marked with 5
 notches on E and 1 notch on W
 edges. dug pits 18 x 18 x 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 level

A. B. T 22 S.

chs

Soil 1st rate

Grass good

N 89° 53' W on a true line
bet Secs 6 and 31
On 12° 09' E

40.00 deposited marked stone
12 ins in the ground for
1/4 Sec Cor. dug pits 18 x 18 x
12 ins E and W of cor 5 1/2 ft
dist and raised a mound
of earth 1 1/2 ft high 3 1/2 ft
base over it. In E pit drove
a stake 2 ins sq 2 ft long
12 ins in the ground
marked 1/4 Sec N face

79.20 The Cor to Tps 21st and 22 S.

R 27 E

Lchs

R 26 and 27 E.

Surface level

Soil 1st rate

Grass good

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

Jan 6th 1885

N. B. T 22 S. R 26 E

From the cor to T 21 and 22 S
R 26 and 27 E recently established
by me I run West on a random
line on N. By of T

On 12° 09' E

A. B. T 22 S.

lbs

Selling temporary corners at
each 40 & 80 lbs and at
6 miles and 47 lbs arrive at
a point 100 lbs N of Tex
to Tps 21 and 22 S. Rs 25 &
26 E. on the 4th Guide merid-
ian E which is a mound
of earth with pits N. S. E &
W of cor. and a stake in
E pit marked

T 21 S. S 31 on N. E.

R 26 E. S 6 on S. E

T 22 S. S 1 on S. W &

R 25 E S 26 on N. W faces,
with 6 notches on each edge,
from which cor I run
N 89° 53' E on a true line
bet Secs 6 and 31.

Va 12° 09' E

R 26 E

lbs

40.47 A deposit marked stone 12 ins
 in the ground for $\frac{1}{4}$ Sec Cor.
 X dug pit 18X18X12 ins E and W
 of Cor $5\frac{1}{2}$ ft dist and raised a
 mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$
 ft base over it. In E pit drove
 a stake 2 ins sq 2 ft long 12
 ins in the ground, marked $\frac{1}{4}$
 S on it face.

80.47 A deposit marked stone 12 ins
 in the ground for Cor to Secs
 5-6-31-32. 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
 over it. In S. E pit drove a
 stake 2 ins sq 2 ft long 12 ins
 in the ground marked

A. B. T 22 S.

Lhs

T 21 S. S 32 on N. E

R 26 E. S 5- on S. E

T 22 S. S 6 on S. W &

S 31 on N. W faces, with 5-
notches on E and 1 notch on
Wedges

Surface level

Soil 1st rate

Grass good

Dense brush.

N 89° 53' E on a true line

bet secs 5- and 32

Va 12° 09' E

25.00 Ends scattering brush

34.15- Cross creek 8 lbs wide
course N 51 S.

R 26 E

Lhs

- 40.00 deposited marked stone 12 ins in the ground for $\frac{1}{4}$ Sec Cor. dug pits 18X18X12 ins E and W of cor $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked $\frac{1}{4}$ Sec N face.
- 42.60 Clear brush, and entire wet bottom land.
- 45.30 Cross road to N and S.
- 56.00 Entire scattering brush to N and S.
- 80.00 deposited marked stone 12 ins in the ground for Cor to Secs. 4-5-32-33. 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 over it. In S. E

A. B. T 22 S.

Lhs

Put down a stake 2 ins sq
 2 ft long 12 ins in the
 ground marked

T 21 S. S 33 on N. E

R 26 E. S 4 on S. E

T 22 S. S 5 on S. W &

S 32 on N. W faces, with
 4 notches on E and 2 notches
 on W edges.

Surface level

Soil 1st rate

Good grass.

Scattering brush.

N 89° 53' E on a true line

bet secs 4 and 33

On 12° 09' E

R 26 E

Lehs

40.00 deposited marked stone 12 ins
 in the ground for $\frac{1}{4}$ Sec Cor. dug
 pit 18 X 18 X 12 ins East W of Cor
 $5\frac{1}{2}$ ft dist and raised a mound
 of earth 1 $\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 over it. In E pit drove a stake
 2 ins sq 2 ft long 12 ins in the
 ground marked $\frac{1}{4}$ S on N face.

80.00 deposited marked stone 12 ins
 in the ground for Cor to Secs
 3-4-33-34. dug pit 18 X 18 X 12 ins
 in each sec $5\frac{1}{2}$ ft dist and
 raised a mound of earth 2 ft
 high $4\frac{1}{2}$ ft base over it. In S. E.
 pit drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked T 21 S. S 34 on N. E
 R 26 E. S 3 on S. E

A. B. T 22 S.

Chs

T 22 S. S 4 on S. W. Q
 S 33 on N. W. faces with 3
 notches on E and W edges.

Surface level

Soil 1st rate

Grass good.

N 89° 53' E on a true line
 bet Secs 3 and 34

On 12° 09' E

40.00 Deposit marked stone 12
 ins in the ground for $\frac{1}{4}$
 Sec Cor. dug pit 18 x 18 x 12
 ins E and W of cor $5\frac{1}{2}$ ft dist
 and raised a mound of
 earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 over it. In E pit down a

R 26 E

Lhs

stake 2 ins sq 2 ft long 12 ins in
 the ground. marked $\frac{1}{4}$ S on N face.
 80.00 deposited marked stone 12 ins
 in the ground for cor to Secs
 2-3-34-35. 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 over it.
 In S. E pit drove a stake 2 ins
 sq 2 ft long 12 ins in the
 ground. marked
 T 21 S. S 35 on N. E
 R 26 E. S 2 on S. E
 T 22 S. S 3 on S. W and
 S 34 on N. W faces. with 2
 notches on E and 4 notches on
 W. edges.
 Surface level

A. B. T. 22 S.

chs

Soil 1st rate
 Grass good

N 89° 53' E on a true line
 bet Secs 2 and 35
 On 12° 09' E

- 40.00 deposited marked stone
 12 ins in the ground for
 $\frac{1}{4}$ Sec Cor. dug pit 18x18x
 12 ins E and N of Cor $5\frac{1}{2}$ ft
 dist and raised a mound
 of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
 base over it. In E pit drove
 a stake 2 ins sq 2 ft long
 12 ins in the ground
 marked $\frac{1}{4}$ Sec N face.
- 80.00 Set a Volcanic stone 16x

R. 26 E

Chs

8x5 ins 10 ins in the ground
 for Cor to Secs 1-2-35-36.
 marked with 1 notch on E and
 5 notches on W 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 level

Soil 1st rate

Grass good

N 89° 53' E on a true line bet

Secs 1 and 36. On 12° 09' E

40.00 deposited marked stone 12 ins
 in the ground for 1/4 Sec Cor, dug
 pits 18x18x12 ins E and W of line

N. B. T 22 S. R 26 E.

Lhs

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

56.00 Cross wagon road box
 N. E and S. W.

80.00 The Cor li Tps 21 and 22 S.
 Rs 26 and 27 E.

Surface level on E side
 of valley.

Soil 1st rate

Grass good

Jan 7th 1885

E. B. T 21 S. R. 26 E

Lhs

From the cor to Tps 21 and 22 S.
R. 26 and 27 E. recently estab-
lished by me I run
North bet Secs 31 and 36

On $12^{\circ} 15' E$

In good grass land

14.00 Cross wagon road to N. E and
S. W.

40.00 Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor. dug
坑: $18 \times 18 \times 12$ ins N and S of Cor
 $5\frac{1}{2}$ ft dist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
over it. In N pit drove a stake
2 ins sq 2 ft long 12 ins in the
ground. marked $\frac{1}{4}$ Sec on W face

44.00 Cross Gulch 30 lbs wide corner
 $S 80^{\circ} E$.

E. P. T 21 S.

lbs

72.00 across gulch 26 lbs wide
course S. E

80.00 elefantid marked stone 12
in in the ground for Cor
to Secs 25-30-31-36. dig pits
18x18x12 in in each sec 5 1/2
ft dia and raised a mound
of earth 2 ft high 4 1/2 ft
base over it. In S. E pit drove
a stake 2 in sq 2 ft long
12 in in the ground
marked T 21 S. S 30 on N. E

R 27 E. S 31 on S. E

R 26 E. S 36 on S. W &

S 25 on N. W face. with 1
notch on S and 5 notches on
N edges.

Surface level and rolling

R 26 E

chs

Soil 1st rate
Grass good

North bet Secs 25 and 30

On 12° 15' E

In good grass country

40.00

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

80.00

deposited marked stone 12 ins
in the ground for Cor E Secs
19-24-25-30. dug pit 18x18x12 ins

E. P. T 21. S.

chs

in each sec $5\frac{1}{2}$ ft dist
and raised a mound of
earth 2 ft high $4\frac{1}{2}$ ft base
over it. In S. E. fit down
a stake 2 ins sq 2 ft long
12 ins in the ground
marked T 21 S. S 19 on N. E

R 27 E. S 30 on S. E

R 26 E. S 25 on S. W &

S 24 on N. W faces, with
2 notches on S. and 4 notches
on N. edges.

Surface level

Soil 1st rate

Grass good

R. 26 E

Lhs

North Lot Secs 19 and 24

Va 12° 15' E

- 40.00 Deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits 18X18X12 ins N and S of
Cor $5\frac{1}{2}$ ft dist and raised a
mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In N pit
drew a stake 2 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on N face.
- 44.75 Cross road for E and W.
- 80.00 Deposited marked stone 12 ins
in the ground for Cor to Secs
13-18-19-24 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 over it. In S. E

E. B. T 21 S.

Lhs

fit down a stake 2 ins sq
2 ft long 12 ins in the
ground. marked

T 21 S. S 18 on N. E

R 27 E. S 19 on S. E

R 26 E. S 24 on S. W &

S 13 on N. W faces. with
3 notches on N & S edges

Surface level

Soil 1st rate

Good grass

North- bet Secs 13 and 18

On 12° 12' E

40. 00 Deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec
dug pits 15x15x12 ins N and S

R 26 E

lbs

of cor $5\frac{1}{2}$ ft dia and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In N pit drove a stake 2 ins sq 2 ft long 12 ins in the ground, marked $\frac{1}{4}$ S on NW face.

72.00 Corli scattering meagrite brush

80.00 Deposited marked stone 12 ins in the ground for Cor li Secs 7-12-13-18 dug pits 18X18X12 ins in each sec $5\frac{1}{2}$ ft dia and raised a mound of earth 2 ft high $4\frac{1}{2}$ ft base over it. In S. E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked

T 21 S. S 7 on N. E

R 27 E. S 18 on S. E

R 26 E. S 13 on S. W

E. B. T 218

Leh

S 1/2 on N. W. faces with
4 notches on S and 2 notches
on N. edges

Surface level

Soil 1st rate

Good grass

North- lot secs 7 and 12

On 12° 12' E

19. 25- across Hayroad br East W

40. 00 Deposited marked stone 12

ins in the ground for 1/4 Sec

Cor. dug pits 18x18x12 ins N

& S of cor 5 1/2 ft dist and

raised a mound of earth

1/2 ft high 3 1/2 ft base over

it. In N pit drove a stake

R 26 E

Lhs

2 ins sq 2 ft long 12 ins in the ground. marked $\frac{1}{4}$ 3 on N face.
 80.00 deposited marked stone 12 ins in the ground for Cor to Secs 1-6-7-12. dug pit 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 over it. In S. E. pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked T21 S. 5 6 on N. E.

R 27 E. S 7 on S. E.

R 26 E. S 12 on S. $\frac{1}{4}$ and

S 1 on N. W. faces, with 5 notches on S. and 1 notch on N. edges.

Surface level

Soil 1st rate

Good grass

E. B. T 21 S.

Chs

North bet Secs 1 and 6

On $12^{\circ} 09' E$

40. 00 Deposited marked stone 12
 in in the ground for $\frac{1}{4}$ Sec
 Cor. dug pit $18 \times 18 \times 12$ in
 N and S of Cor $5\frac{1}{2}$ ft dist and
 raised a mound of earth $1\frac{1}{2}$
 ft high $3\frac{1}{2}$ ft base over it. In
 it put down a stake 2 in sq
 2 ft long 12 in in the
 ground marked $\frac{1}{4}$ S on
 N face.

75. 15 Intersect 4" Stand Parallel
 S. 51. chs N of Stand Cor to
 Pps 20 S. Rs 26 and 27 E which
 is a post 4 in sq marked
 S. E. T 20 S. on N.
 R 27 E. S 31 on E and

R 26 E

Lhs

R 26 E. S 36 on W faces, with 6
notches on N. E and W faces, with
fibs and mounds of required
size, and

deposited marked stone 12 ins in
the ground for closing cor to the
21 S. Rs 26 & 27 E, dug fibs 24x18
12 ins crosswise on each line S.
E and W of cor 6 ft dist and
raised a mound of earth 2 1/2
ft high 5 ft base over it. In E
fibs drove a stake 2 ins sq 2 ft
long 12 ins in the ground marked
C. C. 7 21 S. on S.

R 27 E. S 6 on E. and

R 26 E. S 1 on W faces, with
6 notches on S. E and W faces.
Surface level

E. B. T 21 S. R 26 E

chs

Soil 1st rate

Grass good

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

Jan 8th 1885

N. B. T 24 S. R 25 E

From the Cor to Tps 23924

S. R 25th & 26 E. on the

Guide Meridian E.

previously described by
I own

N. B. T 24 S. R 25-E

lbs

West bet secs 1 and 36

On $12^{\circ} 15' E$

Through denser brush

9.00 Leave brush. ascend rocky hill
angle of 20° 17.70 Top of hill. on N and S descend
at same angle30.00 Foot of hill. thence through denser
brush. in valley

38.00 Cross road on N and S

40.00 make correct allowance and
set a limestone $12 \times 8 \times 8$ ins 8 ins
in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ on N face. dug pit
 $18 \times 18 \times 12$ ins E and W of Cor $5\frac{1}{2}$ ft
dirt and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
alongside.

A. B. T 24 S

Lehs

Soil. 1st rate
 Good grass
 Scattering brush.

West bet Secs 3 and 34

Va 12° 15' E

38.00 Ascend spur projecting
 N. E. Angle of 8°

40.00 make correct allowance and
 Set a granite rock 12 x 9 x 8
 ins 8 ins in the ground for
 1/4 Sec Co. marked 1/4 on N face
 and raised a mound of
 stone alongside.

Descend from spur, angle 7°

70.12 Cross deep gulch 20 lbs wide
 course N. E. Ascend, angle 10°

R 25 E

Lks

76.00 Top of spur projects N. E
descend at an angle of 8°

80.00 Make correct allowance and set a
Sandstone $12 \times 10 \times 8$ ins 8 ins in
the ground for Cor li Secs 3-4-33-34
marked with 3 notches on E and W
edges and raised a mound of
stone alongside.

Surface mountainous

Soil 2nd rate

Good grass.

West bet Secs 4 and 33.

On $12^{\circ} 15' E$

Descend

1.50 Cross gulch 5 lks wide. Course N.
Ascend spur projecting North-
angle of 6°

A. B. T 24 S. - - - -

lbs

36. 00 Top of spur descend. angle 3°
40. 00 make correct allowance and
Set a Granite stone $12 \times 8 \times 8$ in
8 in in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ on N face and raised
a mound of stone alongside
47. 25 across creek 10 lbs wide, corner
N. E
48. 00 Ascend spur, angle of 12°
73. 00 Top of spur for N and S descend
angle of 9°
80. 00 make correct allowance and
Set a Limestone $14 \times 10 \times 8$ in
9 in in the ground for Cor to
Secs 4-5-32-33. marked with
4 notches on E and 2 notches on
W edges. and raised a mound
of stone alongside.

R 25- E

lbs

Surface mountainous
Soil 3rd rate rocky
Grass fair

West bet Secs 6 and 32

On 12° 15' E

descend. angle of 6°

- 13.00 Foot of spur thence over rolling land
23.00 across gulch 8 lks wide. course S.
39.90 " " 5 " " "
40.00 make correct allowance and set a
granite stone 12x9x6 ins 8 ins in
the ground for $\frac{1}{4}$ Sec Cor. marked "u
on N face, and raised a mound of
stone ^{along side}
57.00 Cross gulch 10 lks wide course S.
78.00 " " 20 " " " S E
80.00 Set a granite stone 14x10x6 ins
9 ins in the ground for cor to Secs

N. B. D 24 S. R 25 E

lbs

5-6-31-32. marked with 5-
notches on E and 1 notch on
W edges and raised a mound
of stone alongside
Surface rolling
Soil 3rd rate rocky
Grass fair
Scattering brush.

West bet secs 6 and 31

On 12° 15' E

21. 00 across trail to N. W + S. E

25. 00 " gulch 20 lbs wide course

S. E. Solomon's Spring to S. E

about 5 chs dist, ascend. angle 3°

35. 00 Top of ridge to N. E + S. W

descend. angle 4°

N. B. T 24 S. R 25 E

Lhs

- 40.00 make correct allowance and
Set a granite stone $18 \times 12 \times 10$ ins
12 ins in the ground for $\frac{1}{4}$ Sec
cor. marked $\frac{1}{4}$ on N face, and
raised a mound of stone
alongside.
- 45.00 Foot of ridge ascend. angle 4°
- 46.00 Cross road to Biesee to N. W & S. E
- 65.00 Top of ridge to N. W & S. E
descend. angle 4°
- 80.00 make correct allowance and
Set a granite stone $14 \times 8 \times 7$ ins
8 ins in the ground for cor to Tps
23 and 24 S. Rs 24 and 25 E. marked
with 6 notches on each edge.
dug pits $24 \times 18 \times 12$ ins lengthwise
on each line N. S. E and W of stone
6 ft dist and raised a mound
of earth $2\frac{1}{2}$ ft high 5 ft

A. B. T 24 S R 25 E

chs

base along side
 Surface rolling ^{25 chs} and mountainous ^{35 chs}
 Soil 2nd rate rocky
 Grass fair
 Scattering brush.

M. B. T 24 S. R 25 E

From Chi Cox to Tps 23 & 24 S.
 Rs 24 & 25 E. just established
 by me. I run
 South on a random line bet
 said Tps. Va 12° 15' E
 Selling temporary corners at
 each 40 and 80 chs and at
 3 miles 7.43 chs intersect

M. B. T24 S. R 25-E

ch

International boundary 22 lks N
of closing cor to T²⁴ S. R 24 &
25-E. recently established by me.
from which cor I run.

N 31° W on a true line bet secs 19 & 24
Na 12° 15' E

7.43 Set a granite stone 12 x 12 x 8
in & in in the ground for
cor to Secs 13-18-19-24. marked
with 3 notches on N & S edges
and raised a mound of stone
alongside

Surface gently rolling

Soil 2nd rate

Grass fair

Mr. 13. T 24 S. R 25 E

Lehs

N 3' W on a true line bet

Secs 13 and 18.

Va 12° 15' E

Over rolling land

40.00 Set a granite stone 12 X 10 X 8
ins 8 ins in the ground
marked $\frac{1}{4}$ on N face
for $\frac{1}{4}$ Sec Cor. dug pits 18 X 18 X
12 ins N and S of stone $5\frac{1}{2}$
ft dist and raised a
mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base alongside

80.00 Set a granite stone 12 X 12 X 6
ins 8 ins in the ground for
Cor to Secs 7-12-13-18, marked
with 4 notches on S and 2
notches on N edges. dug pits
18 X 18 X 12 ins in each sec
 $5\frac{1}{2}$ ft dist and raised a

LOOK 15W
T 24 S R 25 E

lbs

mound of earth 2 ft high
4 1/2 ft base alongside.

Surface rolling

Soil 2nd rate

Gross good

N 3' W on a true line bet secs 7 and 12
Dec 12° 15' E

Over rolling land

40.00 Set a granite stone 14 X 7 X 6 ins
9 ins in the ground for 1/4 Sec
cor. marked 1/4 on N face, and
raised a mound of stone
alongside

42.00 Cross creek "Gold Gulch" 15-0
lbs wide. course S. E

49.60 Cross road bet N. W and S. E

Mr. B. T 24 S. R 25-6

lbs

- 69.80 Cross creek 4 lks wide
course S. W
- 78.00 Cross creek 4 lks wide
course S. W
- 80.00 Set a granite stone 12x10x6 ins
& ins in the ground for cor
to Secs 1-6-7-12. marked
with 5 notches on S and 1
notch on N edges. and
raised a mound of stone
along side
Surface rolling
Soil 2nd rate
Grass good.

N. B. T 24 S, R 25-E

lbs

N 3' W on a true line bet Secs 1 and 6
Na 12° 15' E

19.40 Cross creek 5 lbs wide, course W
Thence over ridge sloping W
and S. W.

40.00 Set a granite stone 18 X 12 X 6 ins
12 ins in the ground for ¹/₄ Sec
Cor. marked ¹/₄ on NW face, and
raised a mound of stone alongside

41.00 Top of ridge bet N. W and S. E.
descend. angle of 3°

57.00 Cross creek 4 lbs wide ascend
at same angle

61.00 Top of ridge, descend angle 4°

76.50 Base of ridge.

80.00 The cor li Tps 23 and 24, Rs
24 and 25-E.

Surface mountainous

N. B. T 23 S. R 25 E

lehs

Soil 3rd rate

Some grass

Jan 10th 1885

From the cor li T₂₃ S. R₂₄ S.
R₂₄ and 25 E. recently
established by me. I run
North- bet seas 31 and 36.

Va 12° 15' E

6. 00 Cross creek 3 lbs wide
course S. W. ascend ^{over} rolling
country towards mts.
40. 00 Set a Limestone 12 x 10 x 6 ins
& ins in the ground for ^{1/4}
Sec. Cor. marked ^{1/4} on W
face and raised a mound
of stone alongside.
42. 00 Cross road to Bisbee

Mr. B. T 295 R 25-E

lchs

	for N. W and S. E
55.50	cross trail for N. W and S. E
59.00	" gulch 30 lks wide. Course S. E
63.00	" " 24 " " " "
71.50	" " 10 " " " S. W.
	and ascend, angle 7°
80.00	make correct allowance and Set a Limestone $14 \times 10 \times 10$ ins 9 ins in the ground for Cor to Secs 24-30-31-36 marked with 1 notch on S and 5 notches on N. edges, and raised a mound of stone alongside
	Surface rolling
	Soil 3 rd rate rocky
	Grass fair

N. B. T 2 3 S. - -

lehs

North- bet secs 25 and 30

On $12^{\circ} 16' E$ Second S. N. slope of Mountain
angle of 12° 26. 00 Top of mt. br E and N.
descend angle 14° 40. 00 make correct allowance and
Set a limestone $14 \times 12 \times 10$
ins 9 ins in the ground
for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$
on N. face. and raised a
mound of stone alongside45. 20 Foot of mt. cross gulch 20
lks wide. course S. N
thence along N slope.80. 00 Set a sandstone $14 \times 12 \times 8$
ins 9 ins in the ground for
Cor to Secs 19-24-25-30

R 25 E

Lhs

marked with 2 notches on S and
 4 notches on N edges, and raised
 a mound of stone alongside.
 Surface mountainous
 Soil 3rd rate rocky
 Grass fair.
 Vegetation mescal and Soap weed.

North bet Secs 19 and 24

N on 12° 15' E

ascend S. W. slope of mt. angle 14°

26.00 Top of mt. bet N. W and S. E.

descend. angle 11°

30.00 Cross gulch course N. E.

ascend. angle 19°

37.00 Top of spur. projects N. E

descend angle 11°

W. B. T 23 S ---

lbs

- | | |
|--------|---|
| 40. 00 | make correct allowance
Set a Sandstone 16 X 14 X 8 ins
10 ins in the ground for $\frac{1}{4}$
Sec Cor. marked $\frac{1}{4}$ on W face,
and raised a mound of
stone alongside. |
| 46. 30 | Base of Spur cross gulch
20 lbs wide course N. E
Ascend angle 9° |
| 64. 00 | Top of Spur projects N. E
descend. angle 7° |
| 80. 00 | make correct allowance and
Set a Sandstone 16 X 10 X 5 ins
10 ins in the ground for Cor
to Secs 13-18-19-24, marked
with 3 notches on N and S
edges, and raised a mound
of stone alongside. |

R 25 E

Lehis

Surface mountainous
 Soil 3rd rate
 Grass fair

North - bet secs 13 and 18 .

Va 12° 15' E

descend slope. angle 7°

1.50 Cross gulch 10 lbs wide. Course N. E

ascend angle 11°

16.00 Top of mt bet N. E and S. W

descend. angle 16°

39.00 Base of mt. cross creek 25 lbs

wide. course N. 60° E

40.00 make correct allowance and

set a granite stone 20 X 16 X 10

ins 15 ins in the ground for 1/4

Sec Cor. marked 1/4 on N. face

M. B. T 23 S---

chs

and raised a mound of
stone alongside.

40. 60 Cross road to Bisbee Co E & W

76. 00 Cross gulch 40 lks wide

course S 15° E

80. 00 Set a granite stone 18X10X8

in 12 ins in the ground for
cor to Secs 7-12-13-18. marked
with 4 notches on S and 2

notches on N edges and raised
a mound of stone alongside

Surface mountainous

Soil 3rd rate rocky.

Grass fair

R 25 E.

lbs

North - bet secs 7 and 12

On $12^{\circ} 15' E$

- Ascend. angle 5°
- 19.00 Top of spur. projects S. E.
Descend. angle 7°
- 35.00 Cross gulch 20 lbs wide course
S. E. ascend. angle 9°
- 40.00 make correct allowance and
Set a granite rock $16 \times 12 \times 9$ ins
10 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on NW face. and
raised a mound of stone
alongside.
- 44.00 Top of spur. projects East.
Descend. angle. 9°
- 54.00 Base of spur. cross gulch 25 lbs
wide. course S. E. ascend. angle 10°
- 76.00 Cross gulch 20 lbs wide.
continue to ascend

23.

M. B. T 24 8 ---

lehs.

80.00 make correct allowance and
 set a granite stone 12x10x8
 ins 8 ins in the ground for
 cor to Secs 1-6-7-12. marked
 with 5 notches on S and 1 notch
 on N edges and raised a
 mound of stone alongside
 surface mountainous
 Soil 3rd rate
 Grass poor
 Scattering oak trees

North bet Secs 1 and 6.

On 129 15° E

ascend. angle 10°

9. 5-0 Top of spur projects East
 descend. angle 12°

R 25 E

chs

- 20.50 Base of spur. cross creek 5 lks wide. course N. E. ascend angle 14°
- 34.50 Top of spur projects N 80° E descend. angle 11°
- 40.00 make correct allowance and set a granite stone $10 \times 9 \times 8$ in 6 in in the ground for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on W face, and raised a mound of stone alongside.
- 41.60 Base of spur cross creek 4 lks wide. course N. E. ascend angle 7°
- 43.00 Top of spur. brs N 80° E. descend angle 11°
- 49.00 cross creek 5 lks wide course N 80° E. ascend angle 14°
- 56.00 Top of spur bears E. descend angle 20°
- 59.00 Base of spur. ascend angle 8°

M. B. T 23 S. R 25 E

Lhs

70.00 Top of spur projects N. E
 descend Angle 18°

80.00 make correct allowance and
 Set a granite stone $12 \times 10 \times 9$
 in 8 in in the ground for Cor
 to Pts 22nd and 23. S. R 24 & 25
 E. marked with 6 notches on
 each edge and raised a
 mound of stone alongside
 Surface mountainous
 Soil 3rd rate
 Grass poor.

Scattering Oak trees.

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

Jan 12th 1885

A. B. T 23 S. R 25 E

lbs

From the Cor to Tps 22 and 23
S. R 24 and 25 E. just established
I run east on a random line
on North By of Tps

Va 12° 06' E

I set temporary corners at
each 40 and 80 chains and at
5 miles 79. 70 chs intersect

4th Guide Meridian E. 222 lbs

S of Cor to Tps 22 and 23 S.

R 25 and 26 E. previously
described by me.

from which cor I run

S 89° 44' W on a true line bet secs 1 & 36

Va 12° 06' E

Through scattering brush.

40.00

Deposit marked stone 12 ins
in the ground for the Sec Cor.

N. P. T 23 S. — —

Lhs

dug pits 18X18X12 ins E & W
of cor $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
drove a stake 2 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on N face.

43.00 Entire open grass country

80.00 Set a granite stone 20X18X5
ins 14 ins in the ground for
cor to Secs 1-2-35-36. marked
with 1 notch on E and 5 notches
on W 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 ascends gradually
to W.

R 25 E

Lchs

Soil 1st rate
 Grass good.

389°44' N on a true line bet Secs
 2 and 35. On 12° 06' E

In open grass land.

17.68 Cross road bn N. E and S. W

18.00 Entire brush

27.00 Entire grass land

37.00 .. scattering brush.

40.00 Set a granite stone 12x10x8 ins
 8 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.

A. B. T 23 S. —

chs

80.00 Set a granite stone $20 \times 10 \times 6$
 ins 14 ins in the ground
 for Cor to Secs 2-3-34-35.
 marked with 2 notches on E
 and 4 notches on W 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 nearly level
 Soil 3rd rate
 Good grass.

S $89^{\circ} 44'$ W on a true line
 bet Secs 3 and 34.

Va $12^{\circ} 06'$ E

Through scattering brush

R 25 E

Leh

- 37.25 Cross road b/s N. E and S. W
- 40.00 Set a granite stone $19 \times 11 \times 7$ ins
 12 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 alongside
- 43.20 Cross gulch 20 lbs wide. Co. N. E
- 50.00 Set a granite stone $14 \times 10 \times 10$ ins
 9 ins in the ground for cor to
 Secs 3-4-33-34. marked with 3
 notches on E and W 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 nearly level.

A. B. T 23 S. —

lehs

Soil 2nd rate
 Good grass
 Scattering brush.

S 89° 44' W on a vein line
 bet secs 4 and 33

Wa 12° 06' E

1. 5-0 Cross road to Bisbee hrs
 N. E and S. W.
16. 5-0 Cross gulch 20 lks wide
 course S. E
40. 00 Set a granite stone 12 X 10 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 & W
 of stone 5 $\frac{1}{2}$ ft dist and raised
 a mound of earth 1 $\frac{1}{2}$ ft

R 25 E

lehs

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

80.00 Set a granite stone $12 \times 10 \times 6$ ins
 8 ins in the ground for Cor li Secs
 4-5-32-33. marked with 4 notches
 on E and 2 notches on W 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 gradually ascends to W.
 Soil 2nd rate
 Good grass
 Scattering brush.

$S89^{\circ}44'W$ on a true line bet secs 5 & 32
 Va $12^{\circ}06'E$

10.70 Cross gulch 10 lbs wide Co. N. E

A. B. T 23 S---

lbs

30. 30 across gulch 15 lbs wide Co N. E
40. 00 Set a granite ^{stone} 12 X 9 X 6 ins 8
ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face, and
raised a mound of stone
alongside.
42. 00 across gulch 20 lbs wide Co N. E
54. 00 " " 15 " " "
55. 00 Ascend Side of Mule Mt^s
angle 12°
78. 00 Top of spur projects N. E
thence along N slope
80. 00 make correct allowance &
Set a granite stone 14 X 12 X 8
ins 9 ins in the ground for
Cor to Secs 5-6. 31-32, marked
with 5 notches on E and 1
notch on W edges, and

R 25-E

Lchs

raised a mound of stone along
side. Surface maintains

Soil 3rd rate

Grass fair

Scattering brush.

S 89° 44' N on a true line bet Secs 6 and 31

On 12° 06' E

Descend mountain. angle 8°

40.00 Make allowance and set a
granite stone 14 x 12 x 10 ins 9
in in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ on N face. and raised
a mound of stone along side.

42.00 Cross gulch 10 lbs wide. course N. E

Ascend. angle 12°

60.00 Top of spur projects N. E.

A. B. T 23 S. R 25 E

chs

descend. angle 13°

79. 70 The Cor to Tps 22 and 23 S.

Rs 24 and 25 E.

Surface mountainous

Soil 3rd rali

Grass fair

Scattering brush.

Jan 13th 1885

W. B. T 22 S. R 25 E

From the Cor to Tps 22 &

23 S. Rs 24 and 25 E. recently

established by me. I run

North bet secs 31 and 36

On $12^{\circ} 15' E$

descend. angle of 11°

Mr. B. T 22 S. R 25 E

chs

- 32.00 Cross gulch 30 lbs wide. Course E
ascend steep mt spur, angle 12°
- 40.00 make correct allowance and
Set a Lava stone $12 \times 10 \times 9$ ins 8 ins
in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ on N face, and raised
a mound of stone alongside.
- 73.42 Perpendicular cliff 50 ft high
- 75.00 Top of spur. projects E.
descend. angle 12°
- 80.00 make correct allowance and set
a granite stone $12 \times 12 \times 10$ ins 8
ins in the ground for cor to Secs
25-30-31-36. marked with 1-
notch on S and 5 notches on N
edges, and raised a mound of
stone alongside.
- Surface mountainous

N. B. T 22 S. ———

Lhs

Soil 3rd rate stony
 Scattering oaks
 Grass fair

North- bet Secs 25- and 30

Wa 12° 15' E

descend. angle 8°

16. 50 across gulch 10 lks wide. course

E. ascend. angle 5°

24. 00 Top of spur projects N. E

descend. angle 16°

40. 00 make correct allowance and

Set a granite stone 18 x 14 x 6

ins 12 ins in the ground for

1/4 Sec Cor. marked 1/4 on N

face. and raised a mound

of stone alongside.

R 23- E

lks

80.00 Set a granite stone $18 \times 12 \times 10$ ins
 12 ins in the ground for Cor li Secs
 19- 24- 25- 30. marked with 2
 notches on S and 4 notches on N
 edges, and raised a mound of
 stone alongside.

Surface mountainous

Soil 3rd rate. rocky

Grass fair

Scattering black oaks

North bet secs 19 and 24

Va $12^{\circ} 15' E$

Descend. angle 12°

6.20 Cross creek 4 lks wide course

E. ascend. angle 3°

24.00 Top of low ridge. Is N. E & S. W

M. B. T 22 S - - -

Chs

- 40.00 descend angle 4°
make correct allowance &
Set a granite stone $18 \times 12 \times 6$ ins
12 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face,
and raised a mound of
stone alongside
- 45.00 Center Valley by $N 80^{\circ} W$.
mining shaft by E. 20 lks dist
- 49.00 Cross creek 25-lks wide
course E. thence in grassy
Valley
- 80.00 Set a Sandstone $18 \times 18 \times 12$
ins 12 ins in the ground for
Cor to Secs 13-18-19-24
marked with 3 notches on
N and S edges and raised a
mound of stone alongside.

R 25-E

Lhs

Surface mountainous 45' chains
rolling 35' chs

Soil 2" & 3" rati-

Grass good in Valley

Scattering brush.

North bet Secs 13 and 18

Wa 12° 15' E

40.00 Set a limestone 14 X 8 X 1 in 9 in
in the ground for $\frac{1}{4}$ Sec cor.
marked $\frac{1}{4}$ on NW 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.

44.00 cross gulch 20 lks wide. Course E

53.30 " " 16 " " "

M. B. T 228--

Leks

80.00 Set a Limestone 18X10X5 ins
 12 ins in the ground for
 Cor li Secs 7-12-13-18. marked
 with 4 notches on S and 2
 notches on N 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 level and rolling
 Soil 2nd rate
 Grass good
 Scattering brush.

North- Set Secs 7 and 12
 Wa 12° 15' E

9.40 Cross gulch 10 lks wide
 course E

R 25-E

Lehs

- 32.00 Cross wash 70 lbs wide, course E
- 40.00 Set a Limestone 16X10X6 ins 10 ins
in the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on N face. dug pits 18X18X12 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.
- 60.00 Cross wash 30 lbs wide, course E.
- 80.00 Set a Granite stone 18X12X10 ins
12 ins in the ground for Cor to Secs
1-6-7-12. marked with 5 notches
on S and 1 notch on N edges and
raised a mound of stone
alongside

Surface rolling slopes to the East
Soil 3rd rate rocky
Good grass.
Dense cactus brush.

N. P. T 22 S. — —

R 25 E

lbs

North bet Secs 1 and 6

Wa 12° 12' E

19. 90 Cross gulch 12 lbs wide 60 E.

40. 00 Set a granite stone 14 x 9 x 7 ins
9 ins in the ground for $\frac{1}{4}$ Sec
Cor, marked $\frac{1}{4}$ on N face. and
raised a mound of stone
alongside.80. 00 Set a granite stone 16 x 9 x 9
ins 10 ins in the ground for
Cor li Tps 21 and 22 S. Rs
24 and 25 E. marked with 6
notches on each edge. and raised
a mound of stone alongside
Surface rolling. On N. side of Valley
Soil 2nd rate

Good grass

Scattering brush.

Jan 15th 1885

Range 25 E

Chs

From the Cor to Tps 22 & 21 S.
Rs 24 and 25 E just established by
me I run E on a random line
on N. Boundary of Tps
Va 12° 12' E

Setting temporary corners at each
40 and 80 chs and at 5 miles 79.
chs 20 lks. intersect the 4^{ch}-
Guide meridian E 306 lks S of
Cor to Tps 21 and 22 S. Rs 25 and 26
E. previously described by me.
from which cor I run
58° 38' W on a true line bet Secs 1 and 36
Va 12° 12' E

40.00 Through scattering brush.
Deposit of marked stone 12 ins
in the ground for 1/4 Sec Cor.
dug pits 18x18x12 ins E and W of

A. B. T 225 —

Cor. $5\frac{1}{2}$ ft dist and raised
 a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E. part
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground.
 marked $\frac{1}{4}$ S on N face.

75. 85- across wagon road to $S 10^{\circ} W$
 and $N 10^{\circ} E$

80. 00 deposited marked stone 12
 ins in the ground for Cor
 to Secs 1-2-35-36. dug pits
 $18 \times 18 \times 12$ ins in each sec
 $5\frac{1}{2}$ ft dist and raised a
 mound of earth 2 ft high
 $4\frac{1}{2}$ ft base over it. In S. E.
 part drove a stake 2 ins sq
 2 ft long 12 ins in the
 ground. marked

R 25- E

T 21 S. S 36 on N. E

R 25- E. S 1 on S. E

T 22 S. S 2 on S W and

S 35- on N. W faces. with 1
notch on E and 5- notches on W edges

Surface level

Soil 1st rate

Good grass.

S 89° 38' W on a brn line bet Secs 2 and 35-

On 12° 09' E

40.00 Deposited marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec Cor. dug pits
18 x 18 x 12 ins E and W of Cor. $5\frac{1}{2}$ ft
dist and raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over it. In
E pit drove a stake 2 ins sq

A. B. T 22 S. ---

Chs

2 ft long 12 ins in the ground marked $\frac{1}{4}$ on N face.

80, 00 deposited marked stone 12 ins in the ground for Cor li Secs 2-3-34-35. 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 over it. In S. E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked T 21 S. S 35 on N. E

R 25- E. S 2 on S. E

T 22 S. S 3 on S. W 7

S 34 on N. W edges with 2 notches on E and 4 notches on W edges.

Surface level

R 25-E

lehs

Soil 1st rate

Grass good.

Mesquite Iron wood & sage brush.

389° 38' N on a true line bet sec 3 and 34

Va 12° 09' E

7.63 Cross wagon road from Tombstone
to Sulphur Spring Valley by N. W
and S. E

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

A. B. T 22 S - - -

lbs

80.00 Set a granite stone 16X12X10
ins 10 ins in the ground for
cor to Secs 3-4-33-34. marked
with 3 notches on E and W edges.
dug pits 18X18X12 ins in each
sec 5½ ft dist and raised a
mound of earth 2 ft high 4½
ft base alongside.

Surface level

Soil 1st rate

Grass good

Scattering brush.

S 89° 38' W on a true line
bet Secs 4 and 33

Va 12° 09' E

19.85 Cross road. br N and S.

TR 25-E

Lchs

- 40.00 Set a granite stone $12 \times 10 \times 6$ 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 $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside
- 80.00 Set a granite stone $16 \times 10 \times 7$ ins 10 ins in the ground for Cor to Secs 4-5-32-33 marked with 4 notches on E and 2 notches on W edges, and raised a mound of stone alongside.
- Surface slopes gently to the East.
Soil 1st rate
Grass good.
Scattering brush.

A. B. T 22 S. - - -

lbs

S 89° 38' W on a true
line bet Secs 5 and 32

Va 12° 12' E

2. 00 Cross wagon road bet N. W
and S. E

36. 00 Cross gulch 18 lks wide
course N. E

40. 00 Set a granite stone 12 X 8 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
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. 00 Set a granite stone 10 X 10 X 8
ins 6 ins in the ground for
Cor to Secs 5-6-31-32. marked

R 25 E

lehs

with 5 notch on E and 1 notch
 on W 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 rolling
 Soil 1st rate

Good grass

Scattering Mesquite and Sage brush.

$389^{\circ} 38'$ W on a true line

bet secs 6 and 31

On $12^{\circ} 12'$ E

2.00 Cross gulch 10 lbs wide. to N. E

40.00 Set a granite stone 18X10X7 ins
 12 ins in the ground for $\frac{1}{4}$ Sec
 Cor. marked $\frac{1}{4}$ on N face. dug

N. B. T 22 S.

lbs

R 25 E

fits 18x18x12 in 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 alongside
 62. 80 Cross gulch 30 lbs wide
 Course N. E

79. 20 The cor li Tps 21 and 22 S.
 Rs 24 and 25 E

Surface broken
 Soil 3rd rate rocky
 Grass fair
 Scattering brush.

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

Jan 16th 1885

E. B. T 20 S. R 27 E

lbs

From the Standard Cor to T 20 S.
R 27 and 28 E, previously described
by me I run

North-Set Secs 31 and 36

On $12^{\circ} 09' E$

ascend slope, angle of 12°

5:00 Cross gulch 10 lbs wide, course W

22:00 Top of spur projects W descend
slope angle 30°

34:00 Foot of spur. Cross gulch 20 lbs wide
course W

39:00 Cross gulch 40 lbs wide, course W

40:00 make correct allowance and set a
sandstone $10 \times 10 \times 8$ ins 6 ins in
the ground for $\frac{1}{4}$ Sec Cor, marked
 $\frac{1}{4}$ on W face and raised a
mound of stone alongside

42:00 Cross gulch 15 lbs wide course W

E B T 20 S —

lks

ascend. angle 16°

60.00 Top of spur projects N.

descend. angle 20° 65.00 Base of spur, cross gulch 15-
lks wide course S. N.ascend. angle 14°

80.00 make correct allowance and

Set a granite stone $12 \times 8 \times 8$
in 8 in in the ground for
cor li Secs 25-30-31-36, marked
with 1 notch on S and 5 notches
on N edges and raised a
mound of stone alongside
surface maintainous
Soil 3rd rali. rocky
Grass poor.

R 27 E

Lbs

North bet secs 25 and 30

On $12^{\circ} 09' E$ Ascend rocky S. W slope of Swiss
helm mts. angle of 16° 5.00 Top of spur projects W- descend
angle of 30° 14.00 Foot of spur. Cross gulch 10 lbs
wide. course W. ascend. angle 15° 40.00 Make correct allowance and
Set a granite stone $12 \times 10 \times 7$ ins \times
ins in the ground for $\frac{1}{4}$ Sec Cor.
marked $\frac{1}{4}$ on W face. and raised a
mound of stone alongside.56.00 Top of spur. projects W. descend
angle 20° 64.00 Base of spur. Cross gulch 15 lbs
wide. course N. W. ascend angle 20°

74.00 Top of main ridge in Swiss

E. B. T 20 S

Lhs

helm mts - br N 20° W &
 S 20° E, descend angle 8°
 80.00 Make correct allowance and
 Set a granite stone 12 X 11 X 10
 in & in in the ground for
 cor to Secs 19-24-25-30
 marked with 2 notches on
 S and 4 notches on N. edges,
 and raised a mound of
 stone alongside
 Surface mountainous
 Soil 3rd rate rocky
 Grass poor.
 Scattering Oak and Juniper

R 27 E

Lchs

North: bet secs 19 and 24

Wa $12^{\circ} 09' E$

descend

- 4.00 Head of gulch, ascend 18°
- 17.00 Top of spur projects S. E. descend
angle 12°
- 25.00 Cross gulch, ascend. angle 14°
- 38.00 Top of spur projects N. E. descend
angle 14°
- 40.00 make correct allowance and
Set a granite stone $12 \times 9 \times 7$ ins
& in in the ground for $\frac{1}{4}$ Sec. Cor.
marked $\frac{1}{4}$ on NW face, and raised
a mound of stone alongside
- 60.00 Foot of spur, cross gulch 10 lbs wide
course N. E. ascend angle 10°
- 72.00 Top of spur projects N. E. descend
angle of 35°

E. B. T 20 S - - -

chains

80.00 make correct allowance and
 set a granite stone 16 x 10 x 5
 ins 10 ins in the ground
 for Cor li Secs 13-18-19-24.
 marked with 3 notches on N
 and S edges, and raised a
 mound of stone alongside
 surface mountains
 Soil 3rd rate rocky
 Grass fair
 Scattering Oak, al. Juniper

North - bet Secs 13 and 18
 - Na 12° 09' E

descend slope, angle of 35°

7.00 Foot of slope, cross gulch
 8 lbs wide, course N. E
 ascend angle 15°

R 27 E

Lhs

- 18.00 Top of spur projects E. descend. at
angle of 8°
- 40.00 make correct allowance and Set
a malpais rock $14 \times 10 \times 6$ ins 9 ins
in the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on NW face, and raised a mound
of stone alongside
- 71.00 Cross gulch 10 lbs wide. Course
N. E. ascend. angle 6°
- 79.00 Top of Spur to N. E. descend angle 8°
- 80.00 make correct allowance and Set
a granite rock $14 \times 10 \times 6$ ins 9
ins in the ground for Cor to Secs
7-12-13-18. marked with 4
notches on S and 2 notches on N
edges and raised a mound of
stone alongside
- Surface mountainous

M. E. B. 9 20 S - - -

Lhs

Soil 3rd rate rocky

Grass fair

Scattering Oak and Juniper

North bet Secs 7 and 12

Va 12° 09' E

Descend. angle of 8°

11. 00 Foot of slope. Cross gulch 10 lks

wide course N. W. ascend angle 7°

14. 00 Top of ridge and along W

slope. descend angle 6 $\frac{1}{2}$ °

40. 00 Set a limestone 16 x 10 x 8 ins

10 ins in the ground for

 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on W

face and raised a mound

of stone alongside

44. 00 Cross gulch 10 lks wide

R 27 E.

lks

- course N. E. Ascend. angle 5°
- 50.00 Top of ridge bs N. E. descend
angle 8° .
- 54.00 Foot of ridge, ascend. angle 8°
- 60.00 Top of " bs N. E. descend
angle 4°
- 75.00 Foot of ridge, cross gulch 12 lks
wide. course N. 30° E. Thence
ascend S. E slope. angle 4°
- 80.00 make correct allowance and set a
Limestone $14 \times 10 \times 6$ ins 9 ins in
the ground for Cor to Secs 1-6-7-
12. marked with 5 notches on S
and 1 notch on N edges, and
raised a mound of "stone"
along side
surface mountainous
soil 3rd rate rocky.

M E B T 20 S. —

lbs

Good grass
 Scattering Oaks

North- bet Secs 1 and 6

Va $12^{\circ} 09' E$ ascend S. E slope. angle 4°

6. 00 Top of Spur bet N. E.

descend. angle 4° 14. 00 Cross gulch 12 lbs wide
 course N. E

18. 00 Cross road bet N. E and S. W

'American mini' Ore dump &c
 bet N. 2 chs dist23. 00 Cross gulch 10 lbs wide
 course E.34. 00 Cross road bet E and N.
 ascend. angle 8°

R 27 E 3

chs

40.00 make correct allowance and Set
 a granite stone 12 X 10 X 7 ins 8 ins
 in the ground for $\frac{1}{4}$ Sec Cor. marked
 $\frac{1}{4}$ on N. face. and raised a mound
 of stone alongside
 mining camp. of about 20 board
 houses to E. about 20 chs dist
 Ascend. angle, 14°

67.00 Top of ridge on N. slope.
 descend on N. E slope, angle 12°

80.00 make correct allowance and Set
 a Igneous stone 18 X 10 X 8 ins 12 ins
 in the ground. for Cor to Tps 19 &
 20 S. Rs 27 & 28 E. marked with 6
 notches on each edge, and raised
 a mound of stone alongside
 Surface mountains
 Soil 3rd rate rocky

M. E. B. T 20 S. R 27 E

chs

Grass fair
Scattering daks

This line begins on the west side of the Swisshelm Mts. near the base and crosses the range diagonally.

The W slope is bare and rocky. The eastern scattered over with oak and Juniper and the grass is excellent.

"American Mining Camp" is near the last 1/2 mile Cor

Jan 20th 1885

E. B. 719 S. R 27 E.

chs

From the cor to Tps 19 and 20 S.
R 27 and 28 E. just established by
me I run North on a ran-
dom line on E. B. of Tps.

Va 12° 09' E

I set temporary corners at
each 40 and 80 chs. and at
6 miles 7.60 chs arrive at a
point 39.90 chs E of cor to
Tps 18 and 19 S. R 27 and 28 E
which is a lava stone 14 x 11 ins
marked with 6 notches on
each edge, and a mound
of stone alongside

from which cor I run
S 4° 41' E on a true line bet Secs

1 and 6. Va 12° 09' E

39.80 Cross wagon road to n. E & S W
47.60 Deposited marked stone 12 ins

E. B. T 19 S - - -

Lhs

in the ground for $\frac{1}{4}$ Sec
Cor. dug pits $18 \times 18 \times 12$ ins
N and S of cor $5\frac{1}{2}$ ft dist
and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base over it. In N pit
drove a stake 2 ins sq 2 ft
long 12 ins in the ground
marked $\frac{1}{4}$ S on NW face.

87. 60 Deposited marked stone
12 ins in the ground for
Cor to Secs 1-6-7-12. dug
pits $18 \times 18 \times 12$ ins in each
Sec $5\frac{1}{2}$ ft dist and raised
a mound of earth 2 ft
high $4\frac{1}{2}$ ft base over it.
In S. E. pit drove a stake
2 ins sq 2 ft long 12 ins

R 27 E

Ch

in the ground, marked

T 19 S, S 6 on N. E

R 28 E, S 7 on S. E

R 27 E, S 12 on S. W and

S 1 on N. W faces, with 5
notches on S and 1 notch on
N edges.

Surface level

Soil 1st rate

Good grass

S 4° 41' E on a true line bet Secs 7 and 12

W 12° 09' E

Ascend gradually

32.00

Top of low ridge bet E and W,

descend gradually

40.00

Deposited marked stone 12 ins

E. B. T 198 - -

chs

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

80.00 deposited marked stone
 12 ins in the ground for
 Cor to Secs 7-12-13-18. dug
 pits 18x18x12 ins in each
 sec. $5\frac{1}{2}$ ft dist and raised
 a mound of earth 2 ft
 high $4\frac{1}{2}$ ft base over it.
 In S. E. pit drove a stake
 2 ins eq 2 ft long 12 ins

R 27 E

Lhs

in the ground. marked

T 19 S. S 7 on N. E

R 28 E. S 18 on S. E

R 27 E. S 13 on S. W and

S 12 on N. W faces. with 4
notches on S. and 2 notches on
N edges.

Surface nearly level

Soil 1st rate

Grass good.

S 4° 41' E on a true line bot

Sections 13 and 18

Wa 12° 09' E

40.00 Set an Igneous rock 18x10x5
ins 12 ins in the ground for
1/4 Sec Cor. marked 1/4 on W. face

E. B. T 19 S ---

lehs

dug pits 18x18x12 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.

44. 20 Cross road br N. E and S. W

66. 00 Ranch House of J. H. Powers, br W. about 6 chains dist.

73. 90 Tombstone at Chiricahua mt. wagon road. br N, W and S. E

80. 00 Set an Igneous rock 16x16x10 ins 12 ins in the ground for Cor E- Secs 13-18-19-24, marked with 3 notches on N and S. edges. dug pits 18x18x12 ins in each Sec

R 27 E

chs

5½ ft dist and raised a
 mound of earth 2 ft high
 4½ ft base alongside
 surface level and rolling
 Soil 1st rate
 Good grass

54° 41' E on a true line bet sees 19824
 Va 12° 09' E

18.80 Cross white river 75 lks wide
 flows N. W. This river rises in
 the Chiricahua mts. flows N. W
 thence W. Thence S. W

40.00 Set an Igneous rock 18 X 6 X 6 in
 12 in in the ground for ¼ Sec
 Cor. marked ¼ on W face. dug
 pit 18 X 18 X 12 in N and S of stone

E. B. T 19 S ---

Lhs

- $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base alongside
44. 00 Leave White river valley
58. 00 Enter gulch 5 lks wide
course N 3° E
61. 00 Leave same, course N ascend
67. 80 ^{3° slope} Top of ridge br E and W
descend at same angle
76. 90 Cross gulch 5 lks wide
course N. W. ascend, 4° angle
80. 00 make correct allowance and
Set an Igneous rock $12 \times 10 \times 8$ ins 8 ins in the
ground for Cor to Secs
19-24-25-30. mark'd
with 2 notches on S and 4
notches on N edges, and

R 27 E

Lhs

raised a mound of stone
alongside

Surface mountainous

Soil 3rd rate rocky

Grass fair

Scattering Oak and Juniper

S 4° 41' E on a true line bet Secs 25 & 30

On 12° 09' E

14.00 Top of spur br E and W. descend
angle 5°

31.00 Cross gulch 5 lbs wide course
W. Ascend 4° angle.

37.00 Top of ridge br W. descend angle ^{4°}

40.00 make correct allowance and
Set on Igneous stone 12 x 8 x 8 ins
8 ins in the ground for 1/4 Sec

E. B. T 19 S. ---

Lehs

Cor. marked $\frac{1}{4}$ on N face,
and raised a mound of
stone alongside.

42. 00 Top of ridge, cross gulch 5-
lls wide, ascend angle 4°

5-8. 00 ascend N. W. slope " 6°

3-9. 00 Top of ridge projects W
descend. angle 8°

63. 15 Cross gulch 10 lls wide
course W. ascend angle 15°

67. 00 Top of ridge to E and W
descend. angle 15°

74. 60 Cross gulch 8 lls wide
ascend angle 20°

80. 00 make correct allowance and
set an igneous rock 12x10x10
ins & ins in the ground for
cor to Secs 25-30-31-36

R 27 E

chs

marked with 1 notch on S end,
5 notches on N edges, and raised
a mound of stone alongside.

Surface mountainous

Soil 3rd or 4th rate rocky.

Grass fair

Scattering Oak and Juniper

S 4° 41' E on a line line bet Secs 31 and 36
On 12° 09' E

- 10.00 Top of ridge, by N. side
- 40.00 Set an Igneous stone 16 X 10 X 5 ins
10 ins in the ground for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ on N face, and
raised a mound of stone
alongside.
- 41.00 Descend, angle 13°

E. B. T 19 S. R 27 E

Lhs

- 30.00 Foot of slope, cross creek
3 lks wide, course E-
ascend angle 16°
- 60.00 Top of spur to E & N
descend angle 18°
- 65.50 Foot of spur, cross gulch
5 lks wide, course $N 80^{\circ} E$.
ascend angle 12°
- 80.00 The Cor li Tps 19 and 20 S.
Rs 27 and 28 E
Surface mountainous
Soil 3rd cali-
Grass fair
Scattering Oak and Juniper
carefully tested instrument
today and found it correct
in all its adjustments
Jan 22nd 1885

E. B. T 20 S. R. 26 E

Lhs

From the Stand Cor to Tfs 20 S.
Rs 26 and 27 E. previously described
by me. I run

North- bet Secs 31 and 36

On $12^{\circ} 09' E$

15.00 Embury corner to Sec 31 and 36

31.00 " " " " " "

40.00 Deposited marked stone 12 ins in
the ground for $\frac{1}{4}$ Sec cor. dug pits
18 X 18 X 12 ins N and S of Cor $5\frac{1}{2}$ ft
dist and raised a mound of
earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base over
it. In N pit drove a stake 2
ins sq 2 ft long 12 ins in the
ground. marked $\frac{1}{4}$ S on NW corner

80.00 Deposited marked stone 12 ins
in the ground for Cor to Secs
23-30-31-36. dug pits 18 X 18 X 12

E. B. T 20 S. - - -

chs

in each sec $5\frac{1}{2}$ ft dist and
 raised a mound of earth
 2 ft high $4\frac{1}{2}$ ft base over it.
 In S. E. fit drove a stake
 2 ins sq 2 ft long 12 ins
 in the ground marked

T 20 S. S 30 on N. E

R 24 E. S 31 on S. E

R 26 E. S 36 on S. W

S 25- on N W face. with
 1 notch on S and 5 notches
 on N edges.

Surface level

Soil 1st rate

Good grass

R. 26 E

Lhs

North bet Secs 25 and 30

On 12° 09' E

- 15.00 Erected grass land bet E and W
- 31.00 " brush " "
- 40.00 deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor. dug
pit 18X18X12 ins N and S of Cor
 $5\frac{1}{2}$ ft dist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
over it. In N pit drove a stake
2 in sq 2 ft long 12 ins in
the ground, marked $\frac{1}{4}$ S on W face.
- 80.00 deposited marked stone 12 ins in
the ground for Cor to Secs 19-24-
25-30. dug pit 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 over it. on S. E

E B T 20 S - - -

Chs

put down a stake 2 ins sq
2 ft long 12 ins in the
ground. marked

T 20 S. S 19 on N. E

R 27 E. S 30 on S. E

R 26 E. S 25 on S. W and

S 24 on N. W faces. with
2 notches on S and 4 notches
on N edges.

Surface level

Soil 1st rate

Grass good

North bet secs 19 and 24

On 12° 09' E

40.00 deposited marked down 12
ins in the ground for 1/4

R 26 E

lehs

See Cor. dug pits 18X18X12 ins N and S of cor 5½ ft dist and raised a mound of earth 1½ ft high 8½ ft base over it. In N pit drove a stake 2 ins sq 2 ft long 12 ins in the ground. marked 'u' S on NW face.

80.00 Deposited marked stone 12 ins in the ground for Cor to Secs 13-18-19-24 dug pits 18X18X12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base over it. In S. E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground. marked T 20 S. S 18 on N. E

R 27 E. S 19 on S. E.

R 26 E. S 24 on S. W and

E B T 20 S — —

Lehs

S 13 on N. W. face, with
 3 notches on N and S edges.
 Surface level
 Grass good
 Soil 1st rate
 Scattering brush.

North- bet Secs 13 and 18
 Va 12° 09' E

40.00 deposited marked stone 12 ins
 in the ground for $\frac{1}{4}$ Sec Cor.
 dug pit 18 X 18 X 12 ins N & S
 of Cor $5\frac{1}{2}$ ft dist and raised
 a mound of earth $1\frac{1}{2}$ ft
 high $3\frac{1}{2}$ ft base over it. In
 it put down a stake 2 ins
 sq 2 ft long 12 ins in the

R 26 E

Ch

47.80 ground marked $\frac{1}{4}$ in S on N face.
Cross wagon road by N. E. and S. W

86.00 deposited marked stone 12 ins in
the ground for Cor to Secs 7-12-13
18-18. dug pits 18 X 18 X 12 ins
in each sec $5\frac{1}{2}$ ft dist and
raised a mound of earth 2 ft
high $4\frac{1}{2}$ ft base over it. In S.
E pit drove a stake 2 ins sq 2
ft long 12 ins in the ground.
marked T 20 S. S 7 on N. E.

R 27 E. S 18 on S. E

R 26 E. S 13 on S. W and

S 12 on N. W faces with 4
notches on S. and 2 notches on N edges.

Surface level

Soil $\frac{1}{2}$ in vati

Good grass.

E. B. T 20 S. - - -

chs

North- bet Secs 7 and 12

On $12^{\circ} 09' E$

40.00 deposited marked stone 12 ins
in the ground for $\frac{1}{4}$ Sec Cor.
dug pits $18 \times 18 \times 12$ ins N and S
of cor $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft
high $3\frac{1}{2}$ ft base over it.
In N pit drove a stake 2
ins sq 2 ft long 12 ins
in the ground. marked
 $\frac{1}{4}$ S on NW face.

80.00 deposited marked stone 12
ins in the ground for Cor
to Secs 1-6-7-12. 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

R 26 E

chs.

4 1/2 ft base over it. In S. E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked T 20 S. S 6 on N. E

R 27 E. S 7 on S. E.

R 26 E. S 12 on S. W and
 S 1 on N. W faces. with 5
 notches on S and 1 notch on N edges.

Surface level

Soil 1st rate-

Good grass

Scattering brush.

North- lot Secs 1 and 6.

On 12° 19' E

40.00 deposited marked down 12 ins in
 the ground for 1/4 Sec Cor. dug pits

E. B. T 20 S. - - - -

Cells

80.00

18 X 18 X 12 ins N and S of
 Cor 5 1/2 ft dist and raised
 a mound of earth 1 1/2 ft
 high 3 1/2 ft base over it. In
 N pit drove a stake 2 ins
 sq 2 ft long 12 ins in the
 ground. marked 1/4 S on W face.

deposited marked stone 12 ins
 in the ground for Cor 6 - T 19
 and 20 S. R. S 26 and 27 E.

long pits 24 X 18 X 12 ins length
 wide on each line N. S. E & W
 of Cor 6 ft dist. and raised a
 mound of earth 2 1/2 ft high
 5 ft base over it. In E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked. T 19 S. S 31 on N. E

R 26 E

Lchs

R 27 E. S 6 on S. E

T 20 S. S 1 on S. W and

R 26 E. S 36 on N. W faces.
with 6 notches on each edge.

Surface level

Soil 1st rate

Grass good

Scattering brush.

Jan 23rd 1885

N. B. T 20 S. R 27 E

From the Cor to Lhs 19 and 20 S.
Rs 26 and 27 E. just established
by me. I run E on a random
line on N. By of Lhs
Va 12° 09' E

N. B. T 20 S. ———

Chs

Set temporary corners at each 40 and 80 chs and at 5 miles 79.50 chs arrive at a point 24 lbs S of Cor to Has 19 and 20 S. Rs 27 & 28 E. recently established by me from which cor I run $S 89^{\circ} 58' W$ on a true line bet

Sections 1 and 36

On $12^{\circ} 09' E$

ascend. angle 20°

15.00

Top of ridge bet N. W and S. E.

descend. angle 25°

40.00

make correct allowance and

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

N face and raised a mound

R 27-E

Lehs

of stone alongside

49.00 Cross gulch 30 lbs wide, to N.

51.00 Cross trail by A and S, ascend
angle 6° 70.00 Top of ridge by A and S, descend
angle 5° 80.00 make correct allowance and set a
Limestone $14 \times 10 \times 10$ ins 9 ins in
the ground for Cor to Secs 1-2-35-
36, marked with 1 notch on E
and 5 notches on W edges, and
raised a mound of stone
alongside.

Surface mountainous

Soil rocky 2nd rate

Good grass.

A. B. T 20 S - - -

lehs

S $89^{\circ} 5-8'$ W on a true line
 between Secs 2 and 35-
 On $12^{\circ} 09'$ E

descend. angle 5°

7. 30 Cross gulch 10 lks wide Course
 N. ascend. angle 18°

38. 00 Top of ridge b/w N and S.
 descend. angle 20°

40. 00 make correct allowance and
 set a Limestone $10 \times 8 \times 8$ ins
 6 ins in the ground for $\frac{1}{4}$
 Sec Cor. marked $\frac{1}{4}$ on N. face,
 and raised a mound of
 stone alongside

45. 50 Cross gulch 10 lks wide,
 Course N. ascend. Angle 20°

54. 00 Top of ridge b/w N and S.
 descend. angle 23°

R 27 E

lbs

- 78.00 Base of ridge. Cross gulch 6 lbs
wide. Co N. W. Ascend. angle 15°
- 80.00 Make correct allowance and Peta
granite stone $12 \times 10 \times 8$ ins 8 ins
in. the ground for Cor to Secs 2-3
34-35 marked with 2 notches on E
and 4 notches on W edges, and raised
a mound of stone alongside.
Surface mountainous
Soil 3rd rate
Good grass.

S $89^{\circ} 58'$ W on a true line bet
Sections 3 and 34.
Va $12^{\circ} 09'$ E

Ascend. angle 15°

- 4.80 Top of rocky hill. to N and S

A. B. T 20 S - - -

Lchs

- descend. angle 12° .
19. 00 Foot of hill, entire valley.
Lean mountains
40. 00 make correct allowance and
Set a Limestone $12 \times 8 \times 8$ ins 8
ins in the ground for $\frac{1}{4}$ Sec Cr.
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
alongside
80. 00 Set a Limestone $12 \times 8 \times 7$ ins
 8 ins in the ground for Cor
to Secs 3-4-33-34. marked
with 3 notches on E and W
edges. dug pits $18 \times 18 \times 12$ ins
in each sec $5\frac{1}{2}$ ft dist and
raised a mound of earth

R 27 E

chs

2 ft high $4\frac{1}{2}$ ft base alongside.
 Surface moundinous 19 chains
 Valley 61 chs
 Grass good
 Soil 1st and 2nd rate

S 89° 58' W on a true line bet sees
 4 and 33.
 Va 12° 09' E

Through Valley

40.00 deposited marked stone 12 ins in
 the ground for $\frac{1}{4}$ Sec Cor. dug
 pits 18 X 18 X 12 ins E and W of Cor
 $5\frac{1}{2}$ ft dist and raised a mound
 of earth - $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
 over it. In E pit drove a stake
 2 ins sq 2 ft long 12 ins in

A. B. T 20 S. ---

Lehs

the ground, marked $\frac{1}{4}$ S on
N. face.

80.00 deposited marked stone 12 in
in the ground for cor li Secs
4-5-32-33, dug pits 18x18x12
in in each sec $5\frac{1}{2}$ ft dist
and raised a mound of
earth 2 ft high $4\frac{1}{2}$ ft base
over it. In S. E. pit drove
a stake 2 in sq 2 ft long
12 in in the ground

marked T 19 S. S 33 on N. E
R. 27 E. S 4 on S. E.

T 20 S. S 5 on S. W and

S 32 on N. W faces, with
4 notches on E and 2 notches
on W edges.

Surface level

R 27 E

Lehs

Soil 1st rate
 Good grass

S 89° 5-8' W on a true line
 between sections 5 and 32

On 12° 09' E

14.60 cross road br N. E and S. W

40.00 deposit marked down 12 ins
 in the ground for $\frac{1}{4}$ Sec Cor.
 dug pit - 18X18X12 ins East W
 of cor 5 $\frac{1}{2}$ ft dist and raised
 a mound of earth 1 $\frac{1}{2}$ ft
 high 3 $\frac{1}{2}$ ft base over it. In
 E pit drove a stake 2 ins sq
 2 ft long 12 ins in the
 ground. marked $\frac{1}{4}$ S on N face.

46.75 cross wagon road br N. E and
 S. W

N. B. T 20 S. - - -

Lhs

80.00 deposited marked stone 12 ins
in the ground for Cor to Secs
5-6-31-32. 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
over it. In S. E pit drove a
stake 2 ins sq 2 ft long 12
ins in the ground. marked
T 19 S. S 32 on N. E

R 27 E. S 5 on S. E

T 20 S. S 6 on S. W end

S 31 on N. W faces. with
5 notches on E end 1 notch
on W edges.

Surface level

Soil 1st rate

Good Grass

R 27 E

Chs

S. 89° 3-8' W on a true line bet Secs 6 & 8
 Va 12° 09' E

In good grass land
 40.00 deposited marked stone 12 ins
 in the ground for $\frac{1}{4}$ Sec Cor.
 dug pits 18 X 18 X 12 ins E and W
 of cor $5\frac{1}{2}$ ft dist and raised a
 mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked $\frac{1}{4}$ S on N face.

79.50 The Cor to Tps 19 and 20 S. Rs
 26 and 27 E.

Surface level

Soil set oak-

Grass good.

Carefully tested compass today
 and found it correct-

Jan 24th 1885-

A. B. T 20 S - - -

chs

From the Cor to Tps 19 and 20
S. Rs 26 and 27 E. previously
established I run West on
a random line on A. B. of Tps
Na $12^{\circ} 09' E$

I set temporary corners at
each 40 and 80 chs and at
6 miles 17 30 chs intersect
the 4" Guide Meridian 290
lls N of Cor to Tps 19 and 20
S. Rs 25 and 26 E which is a
post 4 ins sq marked
T 19 S. S 31 on N E
R 26 E. S 36 on S. E
T 20 S. S 1 on S. W and
R 25 E. S 36 on N W faces
with 6 notches on each edge.
and pits and mounds of proper
size

R 26 E

chs

from which cor I run
 N 89° 43' E on a true line bet

Secs 6 and 31

W 12° 09' E.

38.30 across road to N. E and S. W

40.95 " " to N and S.

57.30 deposited marked stone 12 ins
 in the ground for $\frac{1}{4}$ Sec cor.
 dug pit 18 X 18 X 12 ins E and W
 of cor $5\frac{1}{2}$ ft dist and raised a
 mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground
 marked $\frac{1}{4}$ S on N face

90.65 across road to N and S.

97.30 deposited marked stone 12 ins
 in the ground for cor to Secs

N. B. T 20 S - - - -

Lhs

5-6-31-32, dug pits 18x18
 x12 ins in each sec 5½ ft
 dist and raised a mound
 of earth 2 ft high 4½ ft
 base over it. In S. E. pit
 drove a stake 2 ins sq 2
 ft long 12 ins in the ground
 marked T 19 S. S 32 on N. E
 R 26 E. S 5 on S. E
 T 20 S. S 6 on S. W and
 S 31 on N. W faces, with
 1 notch on W and 5 notches
 on E edges.

Surface nearly level
 Soil 1st rate

Grass good

Scattering brush.

R 26 E

Lehs

N 89° 43' E on a true line bet
Sections 5 and 82

On 12° 09' E

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

80.00 deposited marked stone 12 ins
in the ground for Cor to Secs
4-5-82-83. 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 over it. In S. E
pit drove a stake 2 ins sq 2

A. B. T 20 S - - -

lehs

ft long 12 ins in the ground
marked T 19 S. S 33 on N. E

R 26 E. S 4 on S. E.

T 20 S. S 5 on S. W and

S 32 on N. W faces. with 2
notches on W and 4 notches on
E edges.

Surface level

Soil 1st rate

Gross good

Some brush.

N 89° 43' E on a true line
bet secs 4 and 33

Va 12° 09' E

3.00 Emb's scattering brush

40.00 Deposit. marked stone 12

R 26 E

lehs

ins in the ground for $\frac{1}{4}$ Sec 26 E.
 dug pits 18 X 18 X 12 ins E and W
 of Cor $5\frac{1}{2}$ ft dist and raised a
 mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it. In E pit
 drove a stake 2 in sq 2 ft
 long 12 ins in the ground
 marked $\frac{1}{4}$ on N face.

5-0.40 Cross road bs N. E and S. W

8-0.00 Deposited marked stone 12 ins
 in the ground for cor to Secs
 3-4-33-34. dug pits 18 X 18 X 12
 ins in each sec $5\frac{1}{2}$ ft. dist
 and raised a mound of
 earth 2 ft high $4\frac{1}{2}$ ft base
 over it. In S. E pit drove a
 stake 2 ins sq 2 ft long 12
 ins in the ground marked

A. B. T 20 S - - -

Leks

T 19 S. S 34 on N E

R 26 E. S 3 on S. E

T 20 S. S 4 on S. W and

S 33 on N W faces. with
3 notches on E and W edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

N 89° 43' E on a true line

between Secs 3 and 34

Va 12° 09' E

31.00 Cross road bn N. E & S. W

40.00 Depositional marked stone 12
ins in the ground for 1/4 Sec
Core dug pits 18x18x12 ins

R 26 E.

lehs

E and N of Cor 5 $\frac{1}{2}$ ft dist and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base over it. In E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground. marked "45 on N face.

80.00 deposited marked down 12 ins in the ground for Cor to Secs 2-3-34-35. 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 over it. In S. E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground. marked T 19 S. S 35- on N. E

R 26 E. S 2 on S. E

T 20 S. S 3 on S. N and

N. B. T 20 S - - -

Lchs

S 34 on N W face, with
2 notches on E and 4 notches
on W edges.

Surface level

Soil 1st rate

Grass good

Scattering brush.

N 89° 43' E on a true line
between Secs 2 and 35-

On 12° 09' E

40.00 Deposited marked stone 12
ins in the ground for $\frac{1}{4}$ Sec.
Cor. dug pits 18 X 18 X 12 ins
E and W of Cor. 3 $\frac{1}{2}$ ft dist
and raised a mound of
earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base

R 26 E -

lehs

over it. In E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked $\frac{1}{4}$ S on N face.

50.00 Cross wagon road on N. E 9 S. W

80.00 deposited marked stone 12 ins in the ground for Cor to Secs 1-2-35-36. 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 over it. In S. E pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked

T 19 S. S 36 on N. E

R 26 E. S 1 on S. E

T 20 S. S 2 on S. W and

S 35 on N. W faces with 1 notch on E and 5 notches on W edges.

N B T 20 S. - - -

chs

Surface level

Soil 1st rate

Grass very heavy

N. $89^{\circ} 43'$ E on a true line
 between Sections 1 and 36
 Va $12^{\circ} 09'$ E

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

— — — R 26 E

chs

- 58.00 Very heavy grass 3 to 4 ft high
 60.00 Cross dry bed of creek. 50 lbs
 wide. course S. W
 80.00 The cor to Tps 19 and 20 S. Rs
 26 and 27 E.

Surface nearly level

Soil 1st rank

Grass very heavy

Scattered brush.

Jan 26th 1885

E. B. T 19 S. - - - -

Lels

From the cor li Tps 19 and 20
 S. R. 26 and 27 E. previously
 established by me I run
 N on a random line on E
 B. of T. Va $12^{\circ} 12' E$
 I set temporary corners at
 each 40 and 80 chs and at
 6 miles 7.50 chs arrive at a
 point 38.80 chs E of Cor
 li Tps 18 and 19 S. R. 26 &
 27 E. which is a post 4
 ins eg marked T 18 S.
 S 31 on N. E.
 R 27 E. S 6 on S. E
 T 19 S S 1 on S. W
 & R 26 E. S 36 on N W
 faces with pits and marks
 all in good order.

R 26 E

Chs

from this cor I run
 $54^{\circ} 33' E$ on a true line bet

Sections 1 and 6.

On $12^{\circ} 09' E$

20.50 Over level surface

30.5-0 Foot of ridge, ascend. angle 7°

47.5-0 make correct allowance and

Set a granite stone $20 \times 14 \times 6$ ins

14 ins in the ground for $\frac{1}{4}$ Sec

Cor. marked $\frac{1}{4}$ on N face and

raised a mound of stone

alongside

48.5-0 Top of ridge, from N. W and S. E.

descend angle 7°

87.5-0 make correct allowance and Set

a granite stone $14 \times 8 \times 8$ ins

9 ins in the ground for Cor to

Secs 1-6-7-12. marked with 5

E. B. T 19 S - - - -

Lehs

notches on S and 1 notch on
N edges dug pits 18X18X12
ins in each sec 5½ ft dist
and raised a mound of
earth 2 ft high 4½ ft base
alongside

Surface mountainous

Soil 3rd rate rocky

Gross fair

Scattered brush.

S 4° 33' E on a true line

bet secs 7 and 12

Va 12° 09' E

40.00 Set a post 3 ft long 3 ins
diam with marked stone
12 ins in the ground.

R 26 E

lehs

for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ S on
N. face and raised a mound
of stone around post.

41.00 Foot of slope, ascend angle 5°

68.00 Top of slope, on E side, descend
angle $4\frac{1}{2}^{\circ}$

77.60 Descend S. E. slope of mt.

80.00 make correct allowance and
depositit marked stone 12 ins
in the ground for Cor to Secs 7-
12-13-18: dug pits $18 \times 18 \times 12$ ins
in each sec $5\frac{1}{2}$ ft dist and
raised a mound of earth 2 ft
high $4\frac{1}{2}$ ft base over it. In S. E
pit drove a stake 2 ins sq 2 ft
long 12 ins in the ground
marked T 19 S. S 7 on N. E
R 27 E. S 18 on S. E

E B T 19 S - - -

lehs

R 26 E. S 13 on S. W
and S 12 on N. W faces.
with 4 notches on S. and 2
notches on N. edges.

Surface mountainous
Soil 2nd rate
Good grass.

S. $4^{\circ} 33' E$ on a true line
bet secs 13 and 18
Va $12^{\circ} 09' E$

40. 00 deposited marked stone
12 ins in the ground for
 $\frac{1}{4}$ Sec Cor. dug pits $18 \times 18 \times$
12 ins N and S of Cor $5\frac{1}{2}$
dist and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft

R 26 E

lehs

base over it. In N pit drove
a stake 2 ins sq 2 ft long
12 ins in the ground, marked
1/4 S on W face.

80.00 deposited marked stone 12 ins in
the ground for cor to Secs 13-18-
19-24. dug pits 18X18X12 ins in
each sec 5 1/2 ft dist and raised
a mound of earth 2 ft high
4 1/2 ft base over it. In S. E pit
drove a stake 2 ins sq 2 ft
long 12 ins in the ground.
marked T 19 S. S 18 on N. E
R 27 E. S 19 on S. E.

R 26 E. S 24 on S. W and
S 13 on N. W faces. with 3
notches on N and S edges.
Surface level.

E. B. T 19 S. - - -

chs

Soil 2nd rate
 Good grass

S 4° 38' E on a true line
 bet Secs 19 and 24

Va 12° 09' E

1. 65 Cross road br N. E & S. W

31. 70 " " " "

40. 00 deposited marked stone
 12 ins in the ground for
 1/4 Sec Cor. dug pits 18 X
 18 X 12 ins N and S of Cor 5 1/2
 ft dist and raised a mound
 of earth 1/2 ft high 3 1/2 ft
 base over it. In N. pit
 drove a stake 2 ins sq 2 ft
 long 12 ins in the ground

R 26 E

lehs

marked $\frac{1}{4}$ S on W face.

40. 5-0 Cross road bn N. E and S. W

89.00 Set a Limestone $12 \times 8 \times 7$ ins
 8 ins in the ground for cor to
 Secs 19-24-25-30- marked
 with 2 notches on S and 4 notches
 on W edges. dug pits $18 \times 18 \times 12$
 ins in each sec $5\frac{1}{2}$ ft dist
 and raised a mound of
 stone alongside
 Surface level
 Soil 1st rate
 Good grass

E. B. T 19 S - - -

chs

S4° 33' E on a true line
bet secs 25 and 30

Wa 12° 09' E

40.00 deposited marked stone
12 ins in the ground for
1/4 Sec Cor. dug pits 18x18x
12 ins N and S of cor 5 1/2 ft
dist and raised a mound
of earth 1 1/2 ft high 3 1/2 ft
base over it. In N pit
drew a stake 2 ins sq 2
ft long marked 1/4 S on
N face.

80.00 deposited marked stone
12 ins in the ground
for Cor to Secs 25-30-31-
36. dug pits 18x18x12 ins
in each sec 5 1/2 ft dist

———— R 26 E

chs

and raised a mound of earth 2 ft high 4½ ft base over it. In S. E. pit drove a stake 2 ins sq 2 ft long 12 ins in the ground marked

S 19 S. S 30 on N. E

R 27 E. S 31 on S. E

R 26 E. S 36 on S. W. and

S 25 on N. W. faces, with 5 notches on N. and 1 notch on S. edges

Surface level

Soil 1st rate

Gross good

Scattering brush.

E. B. T 19 S-

Lhs

34° 33' E on a true line
bet sections 31 and 36

On 12° 09' E

28. 85 Cross road bet E and W

40. 00 Set a Sandstone 12 X 10 X 8 ins
8 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

47. 70 Cross dry creek 70 lks
wide, course S. W.

80. 00 The Cor to Tps 19 and 20
S. R. 26 and 27 E.

Surface level

Soil 1st rate

R 26 E

Grass good

Scattering brush

Jan 27th 1885-

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

Final Oaths for Surveys.

LIST OF NAMES.

BOOK 1570

A List of the Names of Individuals employed by
R. C. Powers U. S. Deputy Surveyor to
assist in running, measuring and marking the lines and
corners described in the foregoing Field Notes of the survey of
the Exterior lines of Tps 22-23-24 S.
R 25-E Tps 19-20-21-22-23-
24 S. Rs 26 & 27 E

of the principal base and meridian in the Territory of Arizona,
showing the respective capacities in which they acted.

John F. Barnes Chairman

Arthur A. Jacques "

Charles M. Waly landman

Richard Shrope "

David H. Moore Flagman

Final Oaths of Assistants.

We hereby certify that we assisted R. C. Powers

U. S. Deputy Surveyor, in surveying

The Exterior line of Tps 22-23-
24 S. R. 25 E. Tps 19-20-21-
22-23-24 S. R. 26 and 27 E

of the principal base and meridian in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the U. S. Surveyor-General for Arizona.

Arthur A. Agurs Chain man

John F. Barnes "

Charles M. Walz mound man

Richard Shrope "

David H. [unclear]

Flag man

Subscribed and sworn to before me this 27th

day of January 1885-

R. C. Powers

Notary Public.

Final Oath of U. S. Deputy Surveyor.

I Radgley C. Power

United States Deputy Surveyor, do solemnly swear that in

pursuance of instructions received from Royal A

Johnson U. S. Surveyor General for Ari-

zona bearing date of the 7th day of November

1884. I have well, faithfully, and truly, in my own proper

person and in strict conformity, with the instructions furnish-

ed by the U. S. Surveyor General for Arizona, the surveying

manual and the laws of the United States surveyed the

Exterior lines of Tps 22-23-24

S. R 25-E. and Tps 19-20-21-22

23-24 S. Rs 26 and 27 E.

of the principal base and meridian in the Territory of Ari-

zona, as are represented in the foregoing fields notes as having

been surveyed by me and under my direction; and I do further

solemnly swear that all the corners of the said survey have been

established and perpetuated in strict accordance with the survey-

ing manual, printed instructions, the special written instruc-

tions of the U. S. Surveyor General for Arizona, and in the

30
specific manner described in the field notes, and that the foregoing are the true field notes of such survey, and should any fraud be detected I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Ridgley C. Powers
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 30th
day of January 1885

J. B. McLaughlin
Notary Public.

Prima Co A. O.

BOOK 1570

U. S. Surveyor General's Office,

Tucson, Arizona, Feb 9th 1885-

The foregoing Field Notes of the Survey of the

Ex levior lines of Tps 22-23-24

S. R. 25-E. Tps 19-20-21-22-23-24

S. Rs 26 and 27 E

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by Ridgely C. Powers

Deputy Surveyor, under his contract of the ~~Seventh~~

day of November, 1884, having been

critically examined and the necessary corrections and explana-

tions made, the said Field Notes and the surveys they describe

are hereby approved

Rayala Johnson
Surveyor General.