

BOOK 1280

1280

1280

BOOK 1280

F I E L D N O T E S

RESURVEY OF

EXTERIORS

T. 9 N., Rs. 26, 27, 28, 29, &
30 E. T. 10 N., Rs. 26, 27,
28, 29 E. T. 11 N., Rs. 27,
& 28 E.

Gila and Salt River Base and
Meridian,

ARIZONA.

By A. P. Johnson, D. S. under
contract dated June 8, 1882.

Survey commenced July 1, 1882.

Survey completed July 13, 1882.

(+)
Resurvey
Retracing

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54	53	51	50	49	49
1	6	5	4	3	2
12	60	7	12	4	4
12	4	4	7		

William Page

William Page

William Page

William Page

William Page

24	6	1	9		
25	6	4	3	0	
24	4	1	9		
25	4	1	3	0	

32 33

32 33

32 33

32 33

32 33

36	6	3	1		
37	6	3	1		
36	4	3	1		
37	4	3	1		

24 27

24 27

24 27

24 27

24 27

12	6	9	7		
13	6	9	7	18	
12	6	9	7		
13	6	9	7	18	

32 33

32 33

32 33

32 33

32 33

24	7	2	1		
25	7	2	1		
24	7	2	1		
25	7	2	1		

13 11

13 11

13 11

13 11

13 11

12	8	1			
13	8	1			
12	8	1			
13	8	1			

5 4

5 4

5 4

5 4

5 4

12	8	1	2		
13	8	1	2		
12	8	1	2		
13	8	1	2		

13 11

13 11

13 11

13 11

13 11

24	8	1			
25	8	1			
24	8	1			
25	8	1			

24 27

24 27

24 27

24 27

24 27

36	9	3	1		
37	9	3	1		
36	9	3	1		
37	9	3	1		

32 33

32 33

32 33

32 33

32 33

Preliminary Oaths of Assistants.

I, _____, do solemnly
 swear that I will well and truly perform the duties of compass-
 man, according to instructions given me, and to the best of my
 skill and ability, in the survey of the _____

_____, Compassman.

Subscribed and sworn to before me this _____
 day of _____, 188_____

We, *John Hewitt, E. E. Tallin*
 and *Maurice Legrand + D. J. Porter*,
 do solemnly swear that we will well and faithfully execute the

1A

duties of chain carriers; that we will level the chain upon 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 accordance with instructions given us, in the survey of the Exterior (retracing and Subdivision lines of Tps 9, 10 + 11 N. R 29 E, S. 9 N. R 28 E S. 30 + 31 E, Tps 10 + 11 N. R 29 E, S. 9 N. R 28 E Tps 9 + 10 N. R 26 + 27 E and S. 11 N. R 27 E G. & S. R. 36.

John Hewitt, Chainman.

E. O. Toller, Chainman.

Maurice Legrand, Chainman.

D. J. Porter, Chainman.

Subscribed and sworn to before me this 28th day of June, 1882

A. E. Shoemaker

U. S. Commissioner, 3d Judicial District, Arizona Territory.



We, James Hewitt

do solemnly swear that we will well and truly perform the duties of axemen, in the establishment of corners and other duties, according to instructions given ^{me} us, and to the best of ^{my} our skill and ability, in the survey of the Exterior retracing and subdivision lines of Tps 9.10 & 11 & R 30 & 31 E, Tps 10 & 11 & R 29 E, Tps 9 & 10 & R 28 E, Tps 9 & 10 & R 26 & 27 E and Tps 11 & R 27 E G. & S. R. M

James Hewitt, Axeman.

, Axeman.

Subscribed and sworn to before me this 28th day of June, 1882.

A. E. Shoemaker, U. S. Commissioner, 3d Judicial District, Arizona Territory.



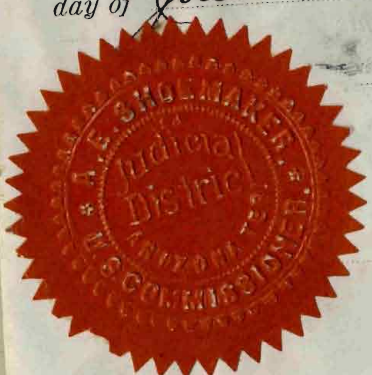
I, James Dalton

do solemnly swear that I will well and truly perform the duties of flagman, according to instructions given me, and to the best of my skill and ability, in the survey of the Exterior

retracing and subdivision lines of Tps 9. 10. & 11 N R 30 & 31 E, Tps 10 & 11 N R 29 E, T 9 N R 28 E, Tps 9 & 10 N R 26 & 27 E & T 11 N R 27 E G. & A. R. M

James Dalton, Flagman.

Subscribed and sworn to before me this 28th day of June, 1882



A. E. Shoemaker

U. S. Commissioner, 3d Judicial District, Arizona Territory.



No. 1280

Retracings.

Survey commenced July 1. 1882. with Burt's Improved Patent Solar Compass, nearly new, and in first rate order, Made by Ott. Seidel of Cassel Germany in 1881.

Survey commenced July 1. 1882
Before proceeding with the exterior of the townships to be surveyed, I made a change of 5 minutes in the latitude arc of my solar compass, by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun, I also further tested instrument by reversing. found latitude to

N. B. T. of N. R. 26 E.

Gila & Salt River Meridian

chains

be $34^{\circ} 11'$ north.

From the corner to Sp. 9 & 10
N. Ranges 25 & 26. E. which
is a limestone 10 x 12 ins. properly
notched set firmly in the ground
with mound of stone $2\frac{1}{2}$ ft high
on S. side, established as per
instructions of the old
Manual, from East on a
random line on N. Ry of Sp.
(Var. $16^{\circ} 18' E$ as per observation with
Burt's Solar Compass)

Set temporary corner at
every 40 chains, and at
6 miles 3.53 chains arrive
at a point $197\frac{1}{2}$ S of corner
of Sp. 9 and 10 N. R. 26 and
27 East.

N. B. S. 9 N. R. 26 E.

chain

The correction for the true line
will therefore be 33 lbs N.
and 3.53 chs East per mile
and its course will be
 $S. 89^{\circ} 46' N.$

From the cor. to Sps 9 x 10 N.
Rs 26 x 27 E. which is a lime
stone 10 x 10 in sq. properly matched
set firmly in the ground
with stone mound 2 ft high
on S side, established as per
instructions of old Manual
I run $S. 89^{\circ} 46' N.$ on a true
line, but Secs. 14 36.

Var. $12^{\circ} 53' E.$

Ascend

N. B. T. 9 h. R. 26 E

chain

25.00

Cross Wash 21 lbs wide, come
S. 35° E. and ascend

40.00

Set a Basalt stone 21 x 9 x 7 ins.
15 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N face
with mound of stone along-
side, Pits impracticable.from this corner, the old $\frac{1}{4}$
sec. cor. which is a Post sim.
sq. with pits, established as
per instructions of the old
Manual br. N. 88° W. 7, 38 chs
dist. I destroyed all traces of
old corner,

80.00

Set a Basalt stone 18 x 13 x 9 ins.
^{12 ins. in the ground}
for cor. to Secs. 1, 2, 35 & 36
marked with 1 notch on
E & 5 notches on W. edges,

N. B. T. 9 N. R 26 E.

Chains

and raised a mound of stone
 alongside, Pits impracticable
 from this corner the old cor.
 br N. $86^{\circ} 3/4^{\circ}$ W 741 lbs dist.
 which is a volcanic stone 10x6
 ins. with mound of earth on
 W. side, and pits established
 as per instructions of the old
 Manual, ^{nearly obliterated} and destroyed all
 traces of cor. and re-established
 it as described above.

Land rolling

Soil 3d rate

Vegetation of Bunchgrass.

$S 89^{\circ} 46' W.$ on a true line bet.
 Secs. 2 + 35.

N. B. S. g. h. R. 26 E'

Chairs

Var. $12^{\circ} 57' E'$

Ascend

4000 Set a Basalt stone, $15 \times 10 \times 6$ 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
 Pits impracticable. From
 this point the old cor. to
 N. $81^{\circ} W.$ 443. lks dist.
 which is nearly obliterated
 and was a stone with stone
 mound alongside, this I
 destroyed.

8000 Set a Basalt stone $18 \times 12 \times 7$
 ins. 12 ins. in the ground,
 for corner to Secs. 2, 3, 34 & 35.
 marked with 2 notches on
 E. & 4 notches on W. edge,

H. B. D. & N. R 26 E

Chairs

and raised a mound of
stone alongside Pit impracti-
cable, from this corner, the
old cor. which is a post, marked
and notched with earth
mound and pits br N. 77°
 $30' W.$ 7.47 chs dist this I
destroyed,

Land rolling

Soil 3^d rate

Vegetation of Bunchgrass.

$S. 89^{\circ} 46' W.$ on a true line
bet. secs. 3 & 4.

Var. $13^{\circ} 00' E!$

Ascend

2.80 Cross Road, course N. $10^{\circ} E!$

N. B. S. of N. R. 26 E.

Chains

↳ S. 10° W.

4,000 Set a Basalt stone $17 \times 13 \times 4$
 ins. 12 ins. in the ground for
 $\frac{1}{4}$ cll. marked $\frac{1}{4}$ on N face,
 and raised a mound of stone
 alongside, Pit impracticable,
 from this corner to old cor. nearly
^{obliterated} which is a post in earth mound
 with pit established as per
 instructions of the old Manual
 to N. $8\frac{1}{2}^{\circ}$ W. 350 lks. dist
 I destroyed all traces of old Cor.

80,000 Set a Basalt stone $21 \times 17 \times 11$ ins.
 15 ins. in the ground for cor.
 to Secs. 3, 4. 33×34 marked
 with 3 notches on E & W edges,
 and raised a mound of
 stone alongside, Pit imp-

N. B. S. 9 N. R 26 E

Chain

racticable, from this point
the old Cor. which was a
volcanic stone in a stone
mound, br S. 87° W. 346
lks. dist. I destroyed all
traces of old corner

Land rolling

Soil 3d rate

Vegetation of Bunchgrass.

S. 89° 46' W. on a true line
bet. Pcs. 4 + 33.

Var. 12° 27' E.

Ascend

16.30 Top of Hill br N.S. and descend
4.00 Set a Basalt stone 16 + 12 + 3 ins.
12 ins. in the ground, for 1/4 sec

H. B. S. & N. R. 26 C'

Chairs

Cor. marked $1/4$ on N. face,
and raised a mound of
stone alongside, Pits impract-
icably from which the
old ^{$1/4$ sec} cor. which was a lime-
stone in a stone mound
br N. 84° W. 256 lbs. dist.
I destroyed all traces of old
cor.

8000 Set a Basalt stone $19 \times 14 \times 7$
ins. 12 ins. in the ground for
cor. to Secs. 4.5. 32 \times 33.
marked with 4 notches on
E & 2 notches on W. faces
and raised a mound of
stone alongside. Pits impract-
icably, From this point
the old cor. which was

H. B. T. 9 N. R. 26 E.

chains

Post with pits in ear the mound established as per instructions of the old manual to N. 78° W. 259 lbs dist. I destroyed all traces of old bor.

Land rolling

Soil 3^d rate

Vegetation Bunchgrass.

S. $89^{\circ} 46'$ W. on a true line bet. Secs. 5 & 32.

Var. $12^{\circ} 41'$ E!

Descend

2.42 Cross Wash 21 lbs widely course N. 10° E! and ascend

31.70 Cross road, course N. 49° W.

N. B. S. 9 N. R. 26 E.

chains

and S. 49° E.

4000 Set a Basalt stone 16 x 9 x 7 ins.

11 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N face and raised a mound of stone alongside. Pits impracticable. From this point the old cor.

which was a volcanic stone with stone mound alongside for N. 75° W. 260 lks. dist.

I. destroyed all traces of old corner.

8000 Set a Basalt stone 21 x 15 x 9

ins. 15 ins. in the ground for cor. & Secs. 5. 6. 31 x 32 marked with 5 notches on E. and 1 notch on W. edges, and raised a mound of stone

N. B. T. 9 N. R. 26 E.

Chairs

2 ft. high $4\frac{1}{2}$ ft. base alongside
 Pit impracticable, from this
 point the old corner, which
 was a volcanic stone with
 stone mound on W. side; from
 N. 74° W. 265 lbs dist. I dest-
 royed all traces of old cor.

Land rolling

Soil 2^d rate

Vegetation of Bunchgrass.

S. $89^{\circ} 46'$ W. on a true line
 bet. Secs. 6 & 31.

Var. $12^{\circ} 33'$ E.

Ascend

7.19 Top of Hill and descend

4.00 Set a Basalt stone, $18 \times 16 \times 4$ ins.

N. B. S. of N. R. 26 E.

Chains

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 Pto impracticable.
 from this point the old cor.
 which was a ^{volcanic} stone mound
 br N. 74° W. 268 lbs dist.
 I destroyed all traces of old
 cor.

- 41.70 cross Wash 21 lbs wide course,
 N. 16° W. and continued descent.
- 83.53 The cor. to Spo. of 10 N. R. 25 & 26 E.
 Land rolling
 Soil 2^d and 3^d rate
 Vegetation of Bunchgrass.

July 10 1882.

W. B. S. 10 N. R. 26 E.

Chains

From the corner to Tps 9 & 10 N.
Rs 25 & 26 E! just now established
From

North on a random line, bet.
Secs. 31 & 36

Cor. 16° 18' E!

Descend

4000 To a point 8 lbs East of old 1/4
sec. cor. ^{bet. sec. 31 & 36} which is a limestone
with stone mound alongside.

The return course is therefore S. 7° E!

8000 To a point 8 lbs East of old cor.
to Secs. 25, 30, 31 & 36 which is
a volcanic stone 20 x 16 x 10 in.
set firmly in the ground, with
a stone mound on S. side,

The return course is S 7' E!

N. B. T. 10 N. R. 26 E.

Chains

Stence on same course, as
preceding line Inne
N 7' W. on a random line, bet.
Secs. 25 & 30.

Cor. 18° 18' E.

Ascend

17.53 Cross Wash 10 lks wide, course
N. 20° W. and ascend.

40.00 To old 1/4 Sec. cor. which is a
Basalt stone 18 x 12 x 10 ins. set
firmly in the ground, with
stone mound alongside,

68.11 Popofspur brs N. 37° W. and S.
37° E. and descend

74.15 Cross Wash 8 lks wide, course
N. W. and ascend.

78.13 Popofspur brs N. W & S. E.
and descend.

N. B. S. 10 N. R 26 E.

chain

8000

To old cor. to Secs. 19, 24, 25 & 30.
which is a volcanic stone
16 x 14 x 8 ins. with stone mound
alongside.

Land rolling

Soil 3^d rate

Vegetation of Bunchgrass.

N. 7 W. on a random line bet.
Secs. 19 + 24.

Var. 21° 18' E!

Ascend

3.82 Cross Wash 9 lbs wide, course
N. 60° W. and ascend

22.09 Popo's spur to N. 71° W. and
S. 71° E! and descend

4000 To old ^{14 sec} cor. which is a lime-

W.B. S. N. R. 26 E.

Chains

stone 12 x 12 ins. marked 1/4 on
W. face, with stone mound
alongside,

59.20 Cross Wash 8 lbs wide course
N. W. and ascend

80.00 Told cor. to Secs. 13, 18, 19 + 24
which is a volcanic stone 8 x 8
ins. sq. properly marked with
mound of stone on S. side.

Land rolling

Soil 39 rate

Vegetation of Bunchgrass.

N. 7' W. on a random line
bet. Secs. 13 & 18

Var. 11' 03' E.

Ascend

N. B. S. 10 N. R. 26 E.

chains

9.13 Top of ridge bn N. 75° W. and
S. 75° E. and descend

4000 To old $\frac{1}{4}$ sec. cor. which is a
limestone 10x6 in sq. marked
 $\frac{1}{4}$ with mound of stone along
side, which I rebuilt to be
of paper size,

8000 To old cor. to Secs. 7, 12, 13 & 18
which is a Post marked &
marked, with pits and mound
of earth around post. I redig
pits and rebuilt mound
to be of paper size.

Land rolling

Soil 3rd rate

Vegetation of Bunchgrass.

W. B. N. 10 N. R. 26 E.

chains

North on a random line bet
Secs. 7 & 12

Var. $13^{\circ} 03' E.$

descend

10.07 Cross Wash alk. wide course
 $S. 70^{\circ} E.$ and ascend

16.21 Top of spur to $N. 80^{\circ} W$ and
 $S 80^{\circ} E.$ and descend

40.00 ^{1/4 sec} Bold cor. which is a post
3 in square, with pits and
earth mound & red dig pits
and old wild mound to be
of proper size.

72.00 Cross drain 2000 wide, course
 $N. 27^{\circ} W.$ and ascend.

80.00 Bold cor. to Secs. 1, 6, 7 & 12
which is a volcanic stone 12×10
in. set firmly in the ground

W. B. S. 10 N. R 26 E.

chains

properly notched, with mound
of stone on S. side,

Land rolling

Soil 3^d rate

Vegetation of Bunchgrass.

North on a random line bet.
Sec. 146.

Var. $13^{\circ} 08' E.$

Ascend

29.00 Top of spur to N. $80^{\circ} W.$ and
S. $80^{\circ} E.$ and descend

4.00 $\frac{1}{4}$ sec. bor. which is a
volcanic stone 12×10 ins. ^{marked $\frac{1}{4}$ on N. face}

with mound of stone alongside,
Ire build mound to be of
proper size.

BOOK 1280

No. B. T. 10 N. R. 26 E.

chains

69.40 Cross drain, 20 lbs wide, course
N. E. and ascend.79.21 To old Cor. to Tps. 10 & 11 N.
Rs 25 & 26 E. which is an
earth mound with pits partly
filled up. To dig pits and
rebuild mound to be of proper
size.

Land rolling

Soil 3^d rate

Vegetation of Bunch grass.

July 2^d 1882

Before proceeding with the
 Exterior of this T^p. I made a
 change of 5 minutes in the
 latitude arc of my solar
 compass by adding same

N. B. S. 10 N. R. 26 E.

Lains

to the reading previously given and at noon verified and corrected same by observation on the sun, I also further tested instrument by reversing I took the latitude and found it to be $34^{\circ} 16'$ North

From the cor. to Sp. 104 11 N.
R. 257 26 E. I run
East on a random line, bet.
Secs. 6 + 31.

Var. $12^{\circ} 18'$ E!

Descend.

- 10.40 Cross Wash 10 lks wide come
N. 21° E. and ascend
20.12 Top of spur, to N. 21° W. and
S. 21° E. and descend
38.92 Road $1/4$ sec. cor. which is a

N. B. S. 10 N. R. 26 E

chain

Post. 3 ins. sq. set in mound
of earth, with pits, 2 redig
pits and rebuilt mound of
earth.

46.40 Cross wash 6 lbs wide, come
N. 61° W. and ascend

78.91 To old ^{or} Secs. 5. 6. 31 x 32.
which is a post in earth
mound properly marked
with pits.

Land rolling

Soil 3^d rate

Vegetation of Bunchgrass.

Fast on a random line bet.

Secs 5 & 32.

Var. 14° 38' E.

H. B. S. 10 H. R. 26 E

chain

Ascend

40.15 To old $\frac{1}{4}$ sec. cor. which is a mound of earth with pits, I redig pits & rebuild mound to be of proper size,

80.21 To old corner to Secs. 45, 32 & 33. which is a post, ^{properly marked} in earth mound with pits;
Land rolling
Soil 3^d rate
Vegetation of Bunchgrass.

East on a random line bet.
Secs. 4 & 33

Var. 14° 00 East

20.75 Top of Butte, to N.S. and descend

H. B. J. 10 H. R. 26 E

Chains

41.38

Soil $\frac{1}{4}$ sec. cor. which is
a volcanic stone 10×10 ins.
marked $\frac{1}{4}$ with pits and
stone mound

80.64

Soil corner to Secs. 3, 4, 33×34
which is a volcanic stone,
 14×10 ins. properly notched
with pits and mound of earth
on W. side,
Land rolling
Soil 3^d rate

Vegetation of bunchgrass.

East on a random line bet.
Secs. 3 & 34.

Var. $17^{\circ} 18' E$:

Descent.

G. B. S. 10 N. R 26 E.

chains

- 3.60 Cross drain 20kts wide, course
S. 13° W. and ascend.
- 41.25 To old 1/4 sec. Cor. which is a
volcanic stone 16 + 8 ins. marked
1/4 with mound of stone along
side,
- 49.00 Top of round Butte br. No 1.
and descend,
- 80.72 To old corner. to Secs 2, 3, 34 + 35.
which is a volcanic stone,
12 + 10 ins. properly notched,
set firmly in the ground, and
mound of stone on W. side,
Land rolling
Soil 3^d rate
Vegetation of Bush grass

H. B. J. 10 N. R. 26 E

Chain

East on a random line, bet.
Sees. 2 & 35Var. $140^{\circ} 33' E$,

Descend

16.50 Cross Wash 10 lks wide,
course N. $46^{\circ} E$ and ascend,40.43 To old $\frac{1}{4}$ sec. cor. which is
a volcanic store $18 \times 10 \times 8$ lks.
marked $\frac{1}{4}$ with mound of
stone alongside42.12 Top of spur br. N. $30^{\circ} E$ and
S. $30^{\circ} W$ and descend.80.75 To old cor. to sees. 1, 2, 35 & 36,
which is a volcanic store
 10×10 ins. properly marked
with mound of stone on
W. side.
Land rolling.

N. B. S. 10 N. R. 26 E'

chains

Soil 3^d rate
Vegetation of Bunchgrass.

East on a random line bet.
Secs. 1 & 36.

Var. $6^{\circ} 18' E'$

Ascend

22.30 Cross Wash 18 lbs wide, course
N. E. ascend.

30.40 Dip of spur br N. $37^{\circ} E'$ and
S. $37^{\circ} W.$ and descend.

40.38 To old $\frac{1}{4}$ sec. cor. which is
limestone 12×8 ins. marked
 $\frac{1}{4}$ in earth mound, with
pits. & redg pits & reburied

mound

Enter Basin, same prof.
To old cor. to Sps. 10 & 11 N.

74.00
80.33

N. B. P. 10 N. R. 27 E.

Chains

Rs 26 & 27 E. which was
 a post, ^{properly marked} with earth mound
 and pits, Fredig pits
 and rebuild mound &
 post.

Land rolling

Soil 3^d rate

Vegetation of Bunchgrass.

From the cor. to Sp. 10 &
 11 N. Rs 26 & 27 E. 1 mm
 East on a random line, bet.
 Secs. 6 & 31.

Var. 11° 53' E.

over level land

41.11 To old 1/4 sec. cor. which is a
 Limestone 6 & 6 in. marked 44

N. B. S. 10 N. R. 27 E.

hairs

with pits and mounds of earth
I redig pits and rebuild
mounds

52.50 Leave dry Basin and ascend

81.00 To old Cor. of Secs. 516. 31 & 32.
which is a Limestone 10 & 8 in.
properly notched with pits
and earth mounds

Land level

Soil 2^d rate

Vegetation of Bunchgrass.

East on a random line, bet.
Secs. 57 & 32.

Cor. 11° 23' 18"

Ascend

2.90 cross road to Camp Apache,
In S. 350 W.

Z. B. P. 10 N. R. 27 E

chains

31.60 Top of spur to N. E. S. W. and
descend

37.50 cross Wash gulch wide, come
N. E. & ascend

✓ 40.00 To old ¹⁴⁰⁰⁰ corner which is a
volcanic stone 10x10 ins. marked
1/4 with mound of stone
alongside

49.00 Top of spur to N 20° W. and
S 20° E. and descend.

80.00 To old cor. to Sec. 4. S. 32 & 33
which is a limestone properly
notched, set firmly in the
ground, with earth mound
on E. side and pits. Toedig
Pits and old wild mound.
Land broken
S^o oil 3^d rate

N. B. S. 10 N. R. 27 E.

Chairs

Vegetation of Bunchgrass.

East on a random line, bet.
Secs. 4 & 33.

Cor. $11^{\circ} 23' E.$

Descend

12,30 Foot of hill, to N. $44^{\circ} W.$
and $S^{\circ} 44^{\circ} E.$

4,000 To old $\frac{1}{4}$ sec. cor. which is a
limestone 8×8 ins. marked
 $\frac{1}{4}$ with mound of stone
alongside.

8,000 To old corner to Secs 3, 4,
33 & 34, which is a limestone
 10×4 ins. properly marked
with pits and mound of
earth on E. side.

N. B. S. 10 N. R. 27 E.

chain

Land rolling

Soil 3^d rate

Vegetation of bunch grass.

East on a random line
bet. Secs. 3 & 34.

Var. $11^{\circ} 30'$ East
over level land,

4000 To old $\frac{1}{4}$ sec. cor. which is
limestone 8×8 ins sq. marked
 $\frac{1}{4}$ S. with pit and earth
mound alongside. Fredy
pit & rebuild mound

8000 To old cor. to Secs. 2, 3, 34 & 35.
which is a limestone
 $14 \times 10 \times 10$ ins. properly
notched, with pit and

N. B. S. 10 N. R 27 E.

Chains

earth mound on E. side,
Land rolling
Soil 3^d rate
Vegetation of bunch grass.

East on a random line
hit. Secs. 2 & 35.

Cor. $13^{\circ} 12' E.$

Over level land

4000 To old $\frac{1}{4}$ sec. cor. which is
a limestone 10 & 12 ins. marked
 $\frac{1}{4}$ with pits and earth mound
I redig pits & rebuild mound.
72.57 cross Road course N. $54^{\circ} W.$
and S. $54^{\circ} E.$

8000 To old cor. to Secs. 1, 2, 35 & 36.
which is a limestone

A. B. T. 10 N. R. 27 E.

Chains

12 x 12 ins. properly marked
with pits and mounds of
earth on E. side, 2 redig
pits and rebuilt mounds,
Land level

Soil 3^d rate

Vegetation of Bunch grass.

East on a random line
bet. Secs. 14 & 36.

Cor. 13° 15' E.

over level land

4000 Dold 4th sec. cor. which is a
limestone 10 x 10 ins. marked
1/4 with mounds of stone
alongside, 2 rebuilt mound
of stone to be of proper size.

E. B. T. 11 N. R. 27 E.

Acres
8000

Good Cor. & Sps. 10 & 11 N.
R. 27 & 28 E. which is a
Limestone 12 & 16 in. properly
notched with pits and
mounds of earth on N. side.
Dredging Pits and rebuild
mound.

Land level

Soil 2^d rate

Vegetation of bunch grass.

July 3^d 1882.

From the corner to Sps 10 & 11
N. R. 27 & 28 E. just now
re-established from
North on a random line

E. B. S. 11 N. R. 27 E.

Chains

bet. Secs. 31 & 36

Var. $13^{\circ} 12' E$

Over rolling land

4000 Found $\frac{1}{4}$ sec. cor. which is a
volcanic stone 16×14 ins.

marked $\frac{1}{4}$ with pits &
mound of earth alongside,

I redig pit & rebuild mound

8000 Found cor. to Secs. 25, 30, 31 & 36

which is a volcanic stone
10 ins. sq. properly notched
with pits and mound of
earth on N. side, I redig
pit and rebuild mound
to be of proper size.

Land level

Soil 2^d rate

Vegetation of bunch grass

E. B. N. 11 N. R. 27 E.

Main

North bet. Secs. 25 & 30.

Var. 13° 11' E.

Poor table land

4000

Soil ^{14 feet} ~~old~~ corner which is a limestone 16 x 16 ins sq. with pits and mound of earth alongside. Fredig pits.

8000

To old cor. to Secs. 19, 24, 25 & 30. which is a limestone 24 x 18 ins. set firmly in the ground properly notched, with stone mound on N. side.

Land level

Soil 2^d rate

Vegetation of bunchgrass.

 North bet. Secs. 19 & 24.

E. B. S. 11 N. R. 27 E.

Chains

Var. $13^{\circ} 20' E'$

over level land

4000 Do old 1/4 sec. cor. which was
Post 3 in square, with pits
and mound of earth around
post, I redig pits and rebuild
mound to be of proper size.

8000 Do old cor. to Secs. 13, 18, 19 & 24.
which is a limestone 12×8 in.
properly notched with
mound of stone on N. side,
Land nearly level
Soil 2d rate
Vegetation of Bunch grass.

North bet. Secs. 13 & 18.

Var. $13^{\circ} 19' E'$

E. B. S. 11 N. R. 27 E.

Chains

over table land

40.00

To old $\frac{1}{4}$ sec. cor. which is a limestone 12 x 6 ins. marked $\frac{1}{4}$ with pit and mound of earth alongside, Fred's pit and rebuilt mound

71.80

Top of Bluff br N. 80° E. and S. 80° W. and descend

80.00

To old cor. to Secs. 7, 12, 13 & 18. which is a limestone 8 x 8 ins. sq. properly notched, set firmly in the ground, with pit and mound of earth alongside.

Land nearly level

Soil 2^d rate

Vegetation of Bunch grass.

E. B. S. 11 N. R. 27 E.

Chains

North bit. Sec. 7 & 12

Var. $13^{\circ} 21' E.$

Descend

1.80 Cross Wash 150 lbs wide
curve E. and ascend4000 To old $\frac{1}{4}$ sec. Cor. which is a
Post marked $\frac{1}{4}$ S. 3 ins. square
with pits, set in mound
of earth. Frediz pits.57.07 Top of Bluff to N. $57^{\circ} E.$
and S. $57^{\circ} W.$ and descend8000 To old Cor. to Sec. 1. 6. 7 & 12
which is a Sandstone 8x8
in. sq. properly marked,
with stone mound on N.

Side

Land rolling

Soil 2d rate

Vegetation of Bunchgrass

E. B. S. 11 N. R 27 E.

Chairs

North on a random line
bet. Secs. 1 & 6.

Var. $13^{\circ}22' E.$

Over level land

5.70 Cross Wash 14 poles wide,
come E.

40.00 Found no trace of old $\frac{1}{4}$
see cor. set temporary $\frac{1}{4}$
sec. cor.

80.00 To old cor. to Sp. 11 & 12 N.
R 27 & 28 E. which is a
volcanic stone 10 x 12 ins.
properly notched with pits
and wounds of earth on
N. side, Fredy Pto x rebuild
wound to be of proper size.
Thence I run South on a true
line, bet. Secs. 1 & 6.

E. B. T. 11 N. R. 27 E.

chain

with same va.

4000 Set a Sandstone 16⁺9⁺4
 ins. 11 ins. in the ground
 for 1/4 sec. Cor. marked 1/4
 on W. face, and raised a
 mound of stone alongside.
 Pit impracticable.

8000 The Cor. to Sec. 1.6. 7⁺12.
 Land rolling
 Soil 2^d rate
 Vegetation of bunch grass.

N. B. S. 11 N. R. 27 E.

chain

Before proceeding further with the Exterior of this Township I made a change of 5 minutes in the latitude arc of my solar compass by adding same to the reading previously given and at noon verified and corrected same by observation on the sun,

I also further tested instrument by reversing, I took the latitude and found it to be $34^{\circ} 21'$ North.

From the corner to Secs. 11 & 12 N. Rs 27 & 28 E. just now re-established I run West on a random line bet. Secs. 1 & 36.

N. B. S. 11 N. R. 27 E.

Var. $12^{\circ} 23' E.$

over rolling land

32.70 Descend along side of cañon

4000 To old $\frac{1}{4}$ sec. cor. which is a
Limestone 84 10 ins. marked
 $\frac{1}{4}$ with pits and mound
of earth.

80.43 To old cor. to Secs. 1. 2. 35 & 36.
which I find nearly de-
stroyed, I re-establish same
by depositing a marked stone
12 ins. in the ground, for cor.
to Secs 1. 2. 35 & 36. dug pits
18+18+12 ins. in each sec. $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth 2 ft high. $4\frac{1}{2}$ ft.
base over it.

In S. E. pit drove a stake

N. B. S. 11 N. R. 27 E.

Notes

2 ft. long lines of, 12 lines in the ground, marked

S. 12 N. S. 36 on N. E.

R. 27 E. S. 1 on S. E.

S. 11 N. S. 2 on S. W. and

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

Land level

Soil 3^d rate

Vegetation of Bunchgrass

West on a random line
bet. Secs. 2 & 35.

Cor. 13° 35' E.

Ascend gradually.

4000

Should find sec. Cor. which is

N. B. S. 11 N. R. 27 E.

chain

a mound of earth with
pits. I redig pits, and
rebuild mound.

52.80 Cross Road curve N. 20° E. 1/2
S. 20° W.

8000 Bold Cor. to Secs. 2, 3, 34 & 35,
which is a limestone 10 or 10
ins. Set firmly in the ground,
properly wrenched with pits
and mound of earth on E side
I redig Pits.

Land rolling

Soil 2^d rate

Vegetation of Pencil grass.

West on a random line,
bet. Secs. 34 & 34.

N. B. T. 11 N. R. 27 E.

Var. 12° 37' E.

Over rolling land,

4000 Dredge 1/4 Sec. Cor. which is
an earth mound with pits
I dredge pits and rebuild
mound to be of proper size.

8000 Dredge Cor. to Secs. 3, 4, 33 & 34
which is a limestone 12x12
ins. set firmly in the ground,
with pits and earth mound
on E. side, I dredge pits.

Land rolling

Soil 3d rate

Vegetation of Bunchgrass.

West on a random line
bet. Secs. 4 & 33.

N. B. A 11 N. R. 27 E.

chains

Var. 12° 38' E.

Ascend

32.80 Top of Cañon, br N. W & S. E.
and continue ascent.

40.00 Top of 1/4 sec. cor. which is a
volcanic stone jet bio.
marked ^{with} 4 pits and earth
mound alongside, 1 red
pit.

45.64 Cross Wash 200 yds wide, course
N. 30° W. and ascend

50.00 Top of spur, br N. 30° W.
and S. 30° E. and descend

69.65 Cross Wash 200 yds wide
course N.

71.05 Cross Road, course N. and
ascend

80.00 Top of cor. to Secs. 4, 5, 32 & 33

N. B. S. 11 N. R. 27 E

Chairs

which is a volcanic stone
20 x 10 x 3 ins. set firmly in
the ground, with pits, and
earth mound on E. side,
Dredig pits.

Land broken

Soil 3^d rate

Vegetation of bunchgrass.

West on a random line, bet
Secs. 57 32.

Cor. 12° 32' E!

Over rolling land

4.00 Descend into cañon course
N.

5.20 ascend abruptly from
cañon course N.

N. B. N. 11 N. R. 27 E.

chains

4000

Toold $\frac{1}{4}$ sec. cor. which
is a limestone 12x6 ins,
marked $\frac{1}{4}$ with stone mound
alongside in good order.

8000

Toold cor. to Secs. 5, 6. 31x32
which is a limestone 10x8
ins. properly notched with
mound of stone on E. side
in good order.

Land rolling.

Soil 2d rate

Vegetation of Bunchgrass.

Met on a random line, lot
Secs. 6x31

Per. 12° 31' E.

Ascend.

N. B. D. 11 N. R. 27 E.

- 23.30 Top of ridge to N. 20° E. and
S. 20° W. and descend
- 4600 To old ^{11 x 12} Cor. which is a
Limestone 10 x 10 ins. sq.
set firmly in the ground,
with pits, and earth
mound along side, Fredig
pits and rebuilt mound.
- 63.70 Cross low Sag, come N. E.
& ascend.
- 8000 To old Cor. of Sp. 11 x 12
N. R. 26 x 27 E. which is
a Limestone properly
marked & notched with
pits, and mound of earth
on S. side. Fredig pits.
and rebuilt mound
Land broken

E. B. S. 11 N. R. 26 E.

chains

Soil 2^d rate

Vegetation of Bunchgrass
July 4, 1882.

From the corner to Sp. 11+12
N. Rs 26 + 27 E! just now
re-established from
South on a random line, bet.
Secs. 146. on West By of Sp.
Var. $13^{\circ} 31' E!$

4000 Found no trace of old $\frac{1}{4}$
sec. cor. set temporary $\frac{1}{4}$ sec
box.

8000 Found no trace of old
Sec. cor. ^{to sec. 146. 7+12} set temporary cor.

12000 Found no trace of old $\frac{1}{4}$
sec. cor. set temporary $\frac{1}{4}$

E. B. D. 11 N. R. 26 E

Chairs

see cor.

160.00 Found no trace of fold
Cor. & Secs. 7, 12, 13 & 18. set temp. cor.

200.00 Found no trace of fold 1/4 Sec.
Cor. set temporary 1/4 sec. Cor.

240.00 Found no trace of old Cor.
& Secs. 13, 18, 19 & 24. set
temporary cor.

280.49 To a point 64 lbs East of fold
1/4 sec. Cor. bet. Secs. 19 & 24,
which is a Limestone 12 x 6
ins. set firmly in the ground
marked 1/4 with pits and
mound of earth along side
I redig pits & rebuild mound.
from this cor. I run N. 81 E
on a true line bet. Secs.
19 & 24.

E. B. N. 11 N. R 26 E.

Chains

Var. $13^{\circ} 36' E$

Descend gradually

4000 Set a Basalt stone $16 \times 11 \times 7$
 ins. 11 ins. in the ground,
 for Cor. to Secs. 13, 18, 19 & 24,
 marked with 3 inches on
 N. & S. edges, and raised a
 mound of stone alongside,
 Pits impracticable.
 Land rolling
 Soil 3^d & 4th rate
 Vegetation of Punchgrass.

North $8' E$ on a true line,
 bet Secs. 13 & 18.

Var. $12^{\circ} 56' E$

Descend

E. B. S. 11 N. R. 26 E'

chains

- 11.60 Cross drain, course S. E' and ascend
- 24.80 Cross Road to Round valley, course S. E'
- 40.00 Set a Basalt stone 1579 x 74 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,
- 80.00 Set a Basalt stone 1848 x 6 ins. 12 ins. in the ground, for Cor. to Secs. 7, 12, 13 & 18. marked with 2 notches on N. & 4 notches on S. edges, and raised a mound of stone alongside. Pts. in a practicable
Land rolling

E. B. T. 11 N. R. 26 E.

chains

Soil 2^d rate
Vegetation of bunch grass.

N. 8^o E. on a true line, bet.
Secs. 7 + 12.

Cor. 12^o 03' E.

ascend

40.00 Set a Basalt stone, 18 + 7 + 5 in.
12 ins. in the ground, for
1/4 sec. cor. marked 1/4 on
N. face, and raised a mound
of stone alongside. Pits
impracticable.

40.40 Top of ridge to N. E. x S. W.
and descend.

62.20 Cross low Sag, course N. W.
and ascend.

E. B. J. 11 N. R. 26 E'

chassis
8000

Set a Basalt stone $17 \times 9 \times 6$
ins. 12 ins. in the ground
for cor. to Secs. 16. 7×12 . marked
with 1 notch on N & 5 notches
on S. edges, and raised a
mound of stone along side,
Pit is impracticable.

Land broken

Soil 3^d rate

Vegetation of Bushy grass.

North 8' East on a true line
bet. Secs. 1 & 6.

Var. $13^{\circ} 38' 8''$

ascend

33.29 Top of ridge to N. 70° W.
and S. 70° E. and descend

E. B. T. 11 N. R. 26 E.

- Chairs
40.00 Set a Basalt stone, 16x10x3
ins. 11 ins. in the ground for
1/4 sec. cor. marked 1/4 on
N. face, and raised a
mound of stone along side
Pits impracticable.
- 55.89 Cross low Sag. course
N. 30° E. and ascend.
- 80.49 The cor. to Sps. 11x12 N.
R. 26x27 E.
Land broken,
Soil 3^d rate
Vegetation Bunch grass

From the 1/4 sec. cor. bet.
Secs. 19x24 1 mi
South on a random line, bet.

E. B. T. 11 N. R. 26 E.

12 ins

bet. Secs. 19 & 24.

Var. 12° 03' E.

over rolling land

4000 To a point 37 lbs. East of
old cor. to Secs. 19, 24, 25 & 30.
which was a lime stone, with
pits and earth mound,

The cor. being in bad condition
I destroyed it and re-est-
ablished same, by setting a
Basalt stone 18 x 8 x 6 ins.

12 ins in the ground, marked
with 4 notches on N. & 2 notches
on S. edges, and raised a
mound of stone alongside,
R to impractical E.

The return course is therefore
N. 32' E.

E. B. N. 11 N. R. 26 E.

Charius

Land rolling.

Soil 3^d rate

Vegetation of Bunchgrass.

South on a random line
bet. Secs. 25 & 30.Var. $13^{\circ} 36' E.$

Accend

40.00 Soapoint 40 lbs East of old
 $\frac{1}{4}$ sec cor. which was a
 limestone, with pits and
 stones around along side.
 being in bad condition
 I destroyed this, and set
 a Basalt stone $20 \times 12 \times 4$ in
 15 ins. in the ground for $\frac{1}{4}$
 cor marked $\frac{1}{4}$ on N face

Exterior Boundaries. E. B. T. 11 N. R. 26 E.

win

and raised a mound of stone
alongside, Pits impracticable.
The return course is therefore
N. 34° W.

73.00 Top of ridge to No. W. and S. 60°
E. and descend.

80.00 Reprint 42 lbs E. of old
cor. to Secs. 25, 30, 31 & 36.
which is a limestone $10 \times 10 \times 8$ ins.
mound in poor condition.

I destroyed it and set a Basalt
stone $21 \times 8 \times 3$ ins. marked
with 5 notches on N. and 1
notch on S. edges, dug pits
 $18 \times 18 \times 12$ ins. in each sec. 5/8 ft.
dist. and raised a mound of
earth 2 ft. high 4/8 ft. base
alongside.

E. B. S. 11 N. R. 26 E.

Lairs

The return course is $N. 30^{\circ} W.$
 Land broken
 Soil 3^d rate
 Vegetation of Bruchgrass.

South on a random line
 bet. Secs. 34 & 36.

Var. $11^{\circ} 33' 8''$

Descend gradually

4000 To old $\frac{1}{4}$ sec. cor. which
 being in very poor condition
 I destroyed and re-established
 same, by setting a Basalt
 stone $15 \times 10 \times 8$ ins. 10 lbs.
 in the ground for $\frac{1}{4}$ sec.
 cor. marked $\frac{1}{4}$ on W. face
 dug pits $18 \times 18 \times 12$ ins. N. & S.

E. B. S. 11 N. R. 26 E.

chains

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

8000 Told Cor. to Sp. 10 + 11 N.

R. 26 + 27 E. which is a post with
pit in center mound, ^{properly situated in good condi-}
and rolling ^{ation}

Soil 3^d rate

Vegetation of bunch grass.

C. B. T. 10 N. R. 26 E.

Chairs

Before proceeding with
the exterior of this Sp.

I made a change of 5
minutes in the latitude
arc of my Solar Compass,
by subtracting same from
the reading previously given
and at noon verified &
corrected same by observation
on the sun.

From the Cor. to Sp. 10 & 11 N.
Rs 26 & 27 E. I run
South on a random line bet.
Secs. 14 & 16.

Var. $11^{\circ}33' E.$

Cross dry Basin

21.00 Leave dry Basin to E & N.

39.64 To old $\frac{1}{4}$ sec. Cor. which is a

E. B. D. 10 N. R. 26 E

chains

volcanic stone 12+12 ins. sq.
marked 1/4 with stone mound
alongside in good order.

8000 To old cor. to Secs. 1, 6, 7+12
which is a volcanic stone
10+10 ins. sq. properly notched
with pits, and earth mound
alongside, Fredig pits & rebuild
mound,

Sand rolling

Soil 2d & 3d rates

Vegetation of bunch grass

South on a random line, bet.
Secs. 7+12.

Var. 10° 33' E!

Ascend

E. B. P. 10 N. R. 26 E.

chain

34.00

Top of Spur, to N. E. & S. W.
and descend

40.00

To old 1/4 sec. cor. which is
a limestone 10 x 10 ins. sq.
marked 1/4 and mound of
stone along side, on edge of
gully 30 lbs wide, corner 80° E.
and ascend

80.00

To old cor. to Secs. 7, 12, 13 & 18
which is a volcanic stone,
14 x 10 ins. properly marked,
with pits, and mound of
earth along side, in good order.
Land brokenSoil 2^d & 3^d rate

Vegetation of Bunchgrass.

E. B. S. 10 N. R. 26 E.

Chain

South on a random line, bet.
Secs. 13 & 18.

Var. $10^{\circ} 58' E.$

Ascend

4000 To old $\frac{1}{4}$ sec. cor. which is a
Basalt stone 12×8 ins. with
pits, and mound of earth
alongside Indig pit.

65.25 Top of Hill to E & W. and descend

80.12 To old cor. of Secs. 13, 18, 19 & 24
which is a volcanic stone,
 104 ins. sq. with stone
mound on S. side, in good
order.

Land broken

Soil 2^d & 3^d rate

Vegetation of Bunchgrass.

E. B. S. 10 N. R. 26 E.

Chains

South on a random line bet.
Secs. 19 + 24.

Var. $13^{\circ} 03' E$

Descend

28.61 Cross road to Saw Mill, to
N. E. & S. W.

40.10 to old $\frac{1}{4}$ sec. cor. which was
volcanic stone 12 + 10 ins. with
mound of stone on S. side,
marked $\frac{1}{4}$ for $\frac{1}{4}$ sec. cor.

42.20 Cross Wash 16 lbs wide course
N. $60^{\circ} E$ and ascend.

84.00 To old cor. to Secs. 19, 24 - 25 & 30.
which is a volcanic stone 10 x 10
ins. sq. with pits, and earth
mound alongside properly
watched.

Land rolling

E. B. S. 10 N. R. 26 E.

chains

Soil 2^d rate
 Vegetation of Bunchgrass.

South on a random line, Cor.
 Secs. 25 & 30.

Var. 13° 12' E.

Ascend

25.00 Top of spur, to N. E. & S. W.
 and descend.

40.15 To old 1/4 sec. cor. which is a
 volcanic stone 10 x 10 in sq.
 marked 1/4. with pits, and
 mound of earth alongside.
 Indig pits.

80.11 To old cor. to Secs. 25, 30,
 31 & 36. which is a Limestone
 10 x 6 in. square, property

E. B. N. 10 N. R. 26 E.

Chains

notched, with pit, and
 mound of earth along side,
 Fredig Pits and rebuild mound
 to be of proper size.

Land rolling

Soil 2^d side

Vegetation of Bunchgrass.

South on a random line,
 bet. Secs. 31 & 36.

Var. $11^{\circ} 53' E.$

Descend

40.11 ^{1/4} ^{opp} Dold^{1/4} Cor. which is a Lime-
 stone 10 x 10 ins. square, marked
 1/4, with stone mound along
 side,

74.32 Cross Wash 2000 wide course

E. B. N. 10 N. R. 26 E.

chains

N. 20° E.

77.00 Cross same Wash 20 lbs wide
course N. 20° W. and ascend.

80.32 To old cor. to Sps. 9+10 N.
Rs 26+27 E.

Land rolling

Soil 2d rate

Vegetation of Bunch grass

July 5th 1882.

E. B. I. g. N. R. 26 E.

Before proceeding with the Exterior of this Sp. I made a change of 5 minutes in the latitude arc of my Solar Compass by subtracting same from the reading previously given and it was verified and corrected same by observation on the sun, I also further tested instrument by reversing.

From the Cor. to Sp. 9 + 10 N.
 R. 26 + 27 E. which is a limestone properly matched with stone mound along side.
 From South on a random line on E. By of Sp. ^{9th} 26 E.
 Var. 17° 53' E.

E. B. S. 9 N. R. 26 E.

chain

Being unable to find any
old corner, on line, I set
temporary corner at every
half mile, and at 5 miles
79.51 chs I arrive at a point
122 lbs E. of Standard Cor.
to Sps 9 N. Rs 26 + 27 E. which
is an Aspen 9 ins. dia. which
is notched and marked for
Standard Cor. from which

An Aspen 2 ins. dia. to N. 48° E. 8 lbs dist.

An Aspen 14 ins. dia. to N. 76° W. 16 lbs dist.

An Aspen 18 ins. dia. to S. 3° W. 22 lbs dist.

all properly notched and marked
as per instructions of old Manual.

Since I run

N. 6' E. on a true line, bet. Secs.

31 + 36.

Cor. 13° 17' E.

E. B. S. of N. R. 26 E.

Chains

Over nearly level land

4000 Set a Post 3 ft. long 4 ins dia
marked $1/4$ S. on W. face, for
 $1/4$ sec. Cor. from which
aspence 10 ins. dia. br. N. 11° E. 76 lbs. dist.
marked $1/4$ S. B. S.

a yellow Pine 11 ins. dia. br. N. 33° W. 38 lbs. dist.
marked $1/4$ S. B. S.

7000 Top of Hill br Ex W. and descend

8000 Set a Basalt stone $18 \times 9 \times 7$ ins.
12 ins. in the ground for cor to Sec
25. 30. 31 & 36 marked with
Frostsches on N and 1 notch on
S. edge, and raised a mound
of stone along side. from which
aspence Pine 12 ins. dia. br. S. 47° E. 50 lbs dist
marked S. of N. R. 27 E. Sec 36 B. S.
aspence 9 ins. dia. br. N. 45° W. 15 lbs dist.
marked S. of N. R. 26 E. Sec 25 B. S.

E. B. S. of N. R. 26 E.

chain

Land level and rolling, Soil
1st rate.

Timber of Pine Spruce & Fir.

N. 6' E. on a true line bet.
Secs. 25 & 30.

Var. 12° 27' E.

Ascend

31.60 cross drain 200 lbs wide
course E & ascend

4000 Set a Bessall stone 16 + 11 + 7 in.

11 in. in the ground, for 1/4 sec.

Cor. marked 1/4 on N. face, and
raised a mound of stone along
side, Pit impracticable from which
a yellow Pine 22 in. dia. br N. 88° E. 84 lbs dist.
marked 1/4 S. B. S.

E. B. S. 9 N. R. 26 E.

chains

a yellow Pine 20 ins. dia. br S. 85° 0' W. 11 lbs dist
marked 1/4 S. B. S.

80.00

Set a Basalt stone 18 x 10 x 9 ins - 12
for cor. to Sec. 19. 24. 25 & 30.
ins in the ground, marked with
4 notches on W. and 2 fistches
on S. edges and raised a mound
of stone alongside Pts unpercept-
ible, from which.

a yellow Pine 16 ins. dia. br N. 81° E. 33 lbs dist
marked S. 9 N. R. 26 + 27 E. S. 19 B. S.

a yellow Pine 30 ins. dia. br. S. 62 1/4° W. 49 lbs dist
marked S. 9 N. R. 26 + 27 E. S. 25 B. S.

a yellow Pine 12 ins. dia. br N. 80° W. 82 lbs dist
marked S. 9 N. R. 26 + 27 E. S. 24 B. S.

Land rolling

Soil 1st rate

Heavy Pine timber, Pine and
spruce.

E. B. S. 9 N. R. 26 E.

chains

^{metre line}
N. 6° E. between Secs. 19 & 24.
Var. 12° 03' E.

Ascend

20.13 Dip of spur to Et W. and descend

4000 Set a Basalt stone 18 x 100 cms.

12 ins. in the ground, for 1/4 sec.

Cor. marked 1/4 on W. face, from which

a Yellow Pine 11 ins. dia. br. N. 66° E. 30 lbs. dist.

marked 1/4 S. B. T.

a Yellow Pine 14 ins. dia. br. S. 68° W. 92 lbs. dist.

marked 1/4 S. B. T.

80.00 Set a Basalt stone 24 x 22 x 6 ins. 18 ins.

in the ground, for Cor. to Secs. 13, 18.

19 & 24, marked with 3 notches on
and around of stone per se
N & S. edges, from which

a Yellow Pine 7 ins. dia. br. N. 82° E. 125 lbs. dist.

marked T. 9 N. R. 26 & 27 E. Sec. 18 B. T.

a Yellow Pine 14 ins. dia. br. S. 4° E. 114 lbs. dist.

marked T. 9 N. R. 26 & 27 E. S. 19. B. T.

E. B. J. of N. R. 26 E.

Chalus

1 yellow Pine 8 in. dia. br. S. 59° W. 91 lbs. dist.
marked J. of N. R. 26 E. S. 24 B. J.

2 yellow Pine 16 in. dia. br. N. 42° W. 82 lbs. dist.
marked J. of N. R. 26 E. S. 13 B. J.

Land broken

Soil 1st rate

Heavy timber of Pine.

N 6° E. on a true line, bet. Secs.
13 & 18.

Var. 11° 48' E.

Descend

6.00 Cross drain 68 lbs wide, course
N. 80° E. and ascend.

10.00 Leave timber br. E & W.

15.60 Top of spur br. N. 75° E. and S 75° W.
and descend

E. B. S. G. N. R. 26 E.

chains

40.00

Set a Basalt stone $16 \times 9 \times 7$ ins.
11 ins. in the ground, for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N. face
and raised a mound of stone
alongside. Pits impracticable.

75.40

cross Road from Round Valley
to Concho brs S. 70° E.

80.00

Set a Basalt stone $16 \times 7 \times 5$ ins.
11 ins. in the ground, for cor to Sec.
7. 12. 13 & 18. marked with 2
notches on N & 4 notches on S.
edge, and raised a mound
of stone alongside. Pits imp-
racticable.

Land broken

Soil 1st rate

Vegetation of bunchgrass.

E. B. T. of N. R. 26 E.

chains

N. 6' E. bet. Secs. 7 & 12

Cor. 10° 33' E.

Descend

40.00 Set a Basalt stone, 18 x 10 x 9
cus. 12 ins. in the ground for
1/4 sec. Cor. marked 1/4 on N.
face, and raised a mound of
stone alongside. Pits impract-
icable.

75.20 Cross Wash 7 lbs wide corner
N. 30° W. and ascend

80.00 Set a Basalt stone 16 x 12 x 8 cus.
11 cus. in the ground, for cor.
to Secs. 1, 6, 7 & 12, marked
with 1 notch on N & 5 notches
on S. edges, and raised a
mound of stone alongside.
Pits impracticable.

E. B. S. of N. R. 26 E.

chains

Land rolling
Soil 2^d rate
Vegetation of Bunchgrass.

N. 6' E. between Secs. 1 & 6.
Cor. 13° 18' E.

ascend

19.17 Popoff Butte bn Et W. and
descend

40.00 Set a Basalt stone 15x10x6
ins. 10 ins. in the ground
for 1/4 sec. Cor. marked 1/4
on W. face, and raised a
mound of stone alongside.
Pits impracticable.

78.90 Cross drain 20 ft wide, course
N. W. and ascend

N. B. S. 9 N. R. 27 E.

Chains

79.51

To cor. to Sps. 9 & 10 N.

Rs 26 & 27 E.

Land broken

Soil 2^d rate

Vegetation of Bunchgrass.

From the cor. to Sps. 9 & 10 N.
Rs 26 & 27 E. From East
on a random line, bet. Secs.
6 & 31.

Var. 11° 53' E.

Descend gradually

31.50 cross Wash 20 lbs wide, come
N.W. and ascend

39.61 To a point 36 lbs North of
old 1/4 Sec. cor. which is a
Limestone 14 & 10 ins.

N. B. T. of N. R. 27 E.

Chairs

with stone mound on E. side
The return course is therefore
N. $89^{\circ} 29'$ W.

79.46. To a Point 30 lbs North of old
Cor. to Secs. 576. 31 + 32. which
is a Sandstone 16 + 12 + 10 ins.
properly marked, with pits
and earth mound on E. side,
2 redig pits & a mild mound.
The return course is therefore
N. $89^{\circ} 47'$ W.

Land rolling

Soil 2^d rate

Vegetation of Bunchgrass.

East on a random line, bet.
Secs. 57 32.

N. B. S. of N. R. 27 E.

Chains

Var. $12^{\circ} 28' E.$

Ascend

40.00 To a point 12 lks north of
old $\frac{1}{4}$ sec. cor. which is a
limestone 10 x 10 ins. of. marked
 $\frac{1}{4}$ with pits and mound
of earth on E. side,

The return course is therefore
 $N. 89^{\circ} 50' W.$

42.00 Top of Ridge, ls. $N. 30^{\circ} E.$ and
 $S. 30^{\circ} W.$ and descend

44.13 Cross Wash 20 lks wide, course
 $N. 27^{\circ} E.$ and ascend.

80.00 To old cor. to Secs. 4, 5, 32 x 33,
which is a limestone 14 x 6
ins. properly notched, with
pits, and mound of earth
on E. side,

N. B. S. of N. R. 27 E.

Chains

Land mountainous & broken,
Soil 2^d rate
Vegetation of bunchgrass.

East on a random line, bet.
Secs. 4 & 33.

Cor. $11^{\circ} 03' E$.

Ascend

19.09 Top of spur. br. N. $27^{\circ} E$ & S 27°
W. and descend

39.68 Cross wash, 100 yds wide course
N $10^{\circ} E$ and ascend

40.00 Top of $1/4$ sec. cor. which is a
limestone 10 x 10 ins. with
stone mound on E. side,

77.60 Top of spur. br. N. $10^{\circ} E$ and
S. $10^{\circ} W$ and descend

N. B. S. of N. R. 27 E.

Chain
8000 Told Cor. to Secs. 3, 4, 33 & 34,
which is a Limestone properly
notched with stone mound
on E. side,
Land broken
Soil 2^d rate
Vegetation of Bunchgrass.

East on a random line,
bet. Secs. 3 & 34.

Var. $12^{\circ} 59' E.$

Descend gradually

17.50 Cross Wash 9 lbs wide,
course N. and continue descent
4000 Told $\frac{1}{4}$ sec. cor. which is a
marked limestone 18 x 8 lbs.
with Stone mound on E.

G. B. S. & N. R. 27 E.

chains

side,

80.00

Top of cor. of Secs 2, 3, 34 & 35.
which is a limestone 16x4
ins. properly marked, with
summit of stone on E. side.

Land rolling
Soil 2d rate

Vegetation Bunchgrass.

Cast on a random line,
bet. Secs. 2 & 35.

Cor. 12° 44' E!

Descend

37.50

Cross Wash, 100 yds wide,
come N. and ascend grad-
ually.

40.00

Top of 1/4 sec. cor. which is

H. B. S. of H. R. 27 E.

chain

a marked limestone, 12x12
in. sq. with stone mound
on E. side,

64.00 Top of spur to N.W. and descend

80.54 Road cor. to Secs. 1, 2, 35 & 36.

which is a Volcanic stone,
10x10 in. sq. properly marked
with pit, and mound
of earth on E. side, Fredig
pit and submild mound,
Land broken

Soil 3^d rate

Vegetation of bunchgrass.

East on a random line
bet. Secs. 1 & 36

Var. 12° 16' E.

N. B. T. of N. R. 27 E.

Chains

Descend

40.30 To old $\frac{1}{4}$ sec. cor. which is
a post in earth mound,
with pits, marked $\frac{1}{4}$ S. on
N. side. I redig pits &
rebuild mound around post.

80.60 To old cor. to Sps 9 & 10 N.
R. 27 & 28 E. which is a
Volcanic stone 12 x 10 ins.
set firmly in the ground
properly wotched, with
pits, and mound of earth
on N. side, I redig pits &
rebuild mound, to be
of proper size.

Land rolling.

Soil 3^d rate

Vegetation of bunch grass

July 6. th 1882.

E. B. N. 10 N. R. 27 E.

Chains

From the corner to Sp. 9+10
N. Rs. 27+28 E! I run north
on a random line, bet. Sees 31+36.

Var. 12° 16' E.

Ascend gradually

10.00 Top of ridge bet E. W. and
descend

40.00 Dold 1/4 sec. cor. which is a
^{marked} limestone 8x8 ins. sq. with
pits, and mound of earth
on north side, Fredy pit
and rebuilt mound

80.00 Dold cor. to Sees. 25+30 '31+36.
which is a Volcanic stone 12x10
ins. properly notched, with
pits and mound of earth
on N. side.

Land level

E. B. S. 10 N. R. 27 E.

Chairs

Soil 2^d rate
Vegetation of Bruchgrass.

North on a random line,
 bet. Secs. 25 & 30.

Var. 12° 16' E!

Ascend

40.00

Top of 1/4 sec. cor. which is
 a marked limestone, with
 pits, and mound of earth
 on N. side,

75.35

Cross Wash 100 yds wide
 course S. 83° E! and ascend

84.00

Top Cor. to Secs. 19 & 24,
 25 & 30. which is a limestone
 12 x 12 ins. properly marked
 with pits and mound of

E. B. N. 10 N. R. 27 E.

chain

earth on N. side,
 Land rolling
 Soil 3^d rate
 Vegetation of bunch grass.

North on a random line,
 bet. Secs. 19 + 24.

Var. $12^{\circ} 16' E!$

Ascend gradually

8.00 Top of spur to E. W. and
 descend

21.00 Foot of spur to N. $84^{\circ} W.$
 and S. $84^{\circ} E.$ and enter valley.

40.00 Road $1/4$ sec. cor. which is a
 marked limestone 10 x 8
 ins. with pits and mound
 of earth on N. side

No. 1280

BOOK 1280

97

E. B. S. 10 N. R. 27 E.

Chain
78.00 Leave valley br N. $37^{\circ} E'$
and S. $37^{\circ} W$, and ascend
8000 To old Cor. & Secs. 13, 18, 19 & 24,
which is a Sandstone 10x8
ins. properly marked, with
pits and mounds of earth
on N. side.
Land broken
Soil 3^d rate
Vegetation of Bunchgrass.

North on a random line
bet. Secs. 13 & 18.

Cor. $12^{\circ} 16' E'$

Ascend gradually.

4000 To old 1/4 sec. Cor. which is
a volcanic stone 12x12 ins.

E. B. N. 10 N. R. 27 E.

chain

with stone mound on
N. side.

79.80 Dold Cor. to Secs. 7, 12, 13 &
18. which is a Limestone
16x16 in. properly notched
with pits, and earth mound
on N. side Fredig pits &
set in old mound.

Land rolling

Soil 2d rate

Vegetation of bunch grass.

North on a random line
bet. Secs. 7 & 12.

Var. 12° 16' 8"

over level land

4000 Dold 1/4 sec. cor which is

E. B. S. 10 N. R. 27 E.

chois

a marked Volcanic stone
8 x 4 ins. with pits, and
wound of earth on N. side,
Fredig Pits and rebuilt
wound.

8000 Do old Cor. to Secs. 16. 7 & 12
which is a Limestone 12 x 10
ins. properly notched,
with wound of stone on
N. side,
Land level,
Soil 2^d rate
Vegetation of Bunchgrass.

North on a random line
bet. Secs. 1 & 6

Nov. 12^o 16^o '81

E. B. N. 9 N. R. 27 E

Chairs

Over rolling land

40.00 Dold 1/4 Sec. Cor. which is
^{marked} a limestone 8 x 6 ins. with
 pits, and mounds of earth
 on N. side, Fredig pits &
 rebuilt mound.

62.60 Cross Road corner N. 53° W.

80.68 So. Cor. to Sp. 10 x 11 N. R.
 27 x 28 E. which is a lime-
 stone 12 x 10 ins. properly
 notched, with pits, and
 mounds of earth on N. side,
 Fredig pits and rebuilt
 mounds of earth to be of
 proper size.

Land rolling

Soil 3^d rate

Vegetation of bunchgrass.

E. B. T. of N. R. 27 E.

Chairs

From the corner to Sp. 9 +
10 N. Rs 27 + 28 E. from
South on a random line
bet. Secs. 14 & 6.

Var. $12^{\circ} 16' E.$

Ascend

5.70

Cross Wash 50 lbs wide, course
 $S 63^{\circ} E.$ and ascend

18.33

Popofepur to E + W and descend

40.43

Doold $\frac{1}{4}$ sec. cor. which is
a marked Limestone
10 x 10 ins sq. with stone
wound on W. side,

76.33

Cross Wash 40 lbs wide,
course $S. 43^{\circ} E.$ and ascend,

80.83

Doold cor. to Secs. 1, 6, 7 + 12
which is a Volcanic stone
10 x 10 ins. sq. properly watched

E. B. S. of N. R. 27 E.

chains

with stone mound on
N. side.

Land rolling

Soil 2^d rate

Vegetation of Bunchgrass.

South on a random line
bet. Secs. 7 + 12.

Cor. $12^{\circ}33' E$.

Descend gradually

40.29 To old ^{marked} 1/4 sec. cor. which is
a Basalt stone 14 x 12 ins.
with mound of stone on
N. side.

62.00 Cross Wash 65 lbs wide
course N. $47^{\circ} E$. and ascend

80.60 To old Cor. to Secs. 7, 12, 13 + 18.

E. B. S. 9 N. R. 27 E.

Chairs

which is a Limestone 120 ft
 ins. sq. with pits, and mound
 of earth on N. side, Fred's
 pits and rebuild mound,
 Land rolling
 Soil 2d rate
 Vegetation of Bunchgrass.

South on a random line
 bet. Secs. 13 & 18.

Cor. 15° 12' E.

ascend gradually

28.13 Cross Wash 90 ft wide
 course N. 47° E. and ascend
 over mesa.

39.78 To old ^{11.100} Cor. which is a
 post in earth mound

E. B. S. of N. R. 27 E.

Chains

with pits, marked $\frac{1}{4}$ S.
 I redig pits and rebuild
 mound around post.

80.13 Told Cor. to Secs. 13, 18, 19 &
 24, which is a limestone
 12 x 8 ins. properly marked
 with stone mound on N.
 side,

Land level

Soil 2^d rate

Vegetation of Bunchgrass.

South on a random line
 bet. Secs. 19 & 24.

Cor. $11^{\circ} 25' E$.

Descend gradually

39.86 Told $\frac{1}{4}$ sec. Cor. which is

E. B. S. of N. R. 27 E.

chains marked

a Limestone 10x8 ins.
with stone mound on
N. side,

42.43 Cross Road course N. 80° E.

49.56 Cross Creek 115 lbs wide, course
N. 83° E. and ascend.

70.77 Top of spur to E. W. and
descend

80.17 Bold Cor. to Secs. 19, 24, 25 & 30
which is a limestone 16x14

improperly marked, with
stone mound on N. side,

Land broken

Soil 2d rate

Vegetation of Bunchgrass.

E. B. S. & H. R. 27 E.

chains

South on a random line
bet secs. 25 & 30.

Var: $11^{\circ} 45' E!$

Descend

21.16 Cross Wash 30 lbs wide,
correct $48^{\circ} E!$ and ascend

40.79 To old $\frac{1}{4}$ sec. cor. which
is a ^{marked} limestone 12×10 ins.
with pits and mound
of earth alongside, I redig
pits and rebuild mound.

68.91 Top of spur to $N. 51^{\circ} E!$
and $S. 51^{\circ} W.$ and descend.

76.61 Cross road to E & W.

80.91 To old cor. to secs. 25, 30,
31 & 36. which is a Volcanic
stone 10×10 ins. sq. properly
watched, with pits and

E. B. N. of N. R. 27 E.

Chains

worms of earth on N. side,
 Fred's pits and rebuilt
 mound,
 Land broken
 Soil 2^d rate
 Vegetation of Beach grass.

South on a random line
 bet. Secs. 31 & 36.

Var. 11° 16' E!

Ascend

26.40 Top of spur to N. 63° E!
 and S. 63° W. and descend

39.85 Cross Wash 25 lbs wide
 course E & ascend,

40.00 Pool of 4 sec. terr. which is
 a marked limestone 10x10

E. B. S. of N. R. 27 E.

Chains.

in sq. with pit, and
mound of earth on N. side.
I redig pit and rebuild
mound.

63.30 Top of ridge, br. E. W. and
descend.

80.30 To old Standard Cor. to
Tps. 9 N. Rs. 27 & 28 E.
which is a Volcanic stone
16 x 10 ins. properly watched
with mound of stone on
E. side, I rebuild mound
to be of proper size,
Land broken
Soil 3^d oate

Vegetation of Bunchgrass.
I carefully examined the
adjustments of my Solar

E. B. N. g. h. R. 27 E.

Chairs

Compass today, particularly the latitude and reversing apparatus and found it correct.

July 7th 1882.

*Check the reversing apparatus
with the other compasses
etc.*

E. B. S. of N. R. 28 E.

chains

From the Standard cor.
to Sps. of N. R. 28 & 29 E.
which is a limestone 18 x
8 ins. set firmly in the ground
properly marked, with
stone mound 3 ft high on
E. side,

Run North on a random
line on E. B. of Sp. 28. E.

Cor. $12^{\circ} 33' E.$

Being unable after careful
searching to find any old
corners on this line I set
temporary corners at every
half mile and at 5 miles
78. 72 chs. arrive at a point
196 lbs West of cor. to Sp.
9 & 10 N. R. 28 & 29 E. which

E. B. S. of R. 28 E.

Acinus

is a limestone 1026 ins.
 properly notched with mound
 of stone on W. side,
 Thence I run
 S. 14' W. on stone line, bet.
 Secs. 14 & 6.

Var. 13° 48' E!

12.77 Cross road course N. 10° W.
 and S. 10° E!

38.72 Set a Basalt stone 16 x 10 x 4
 ins. 11 ins. in the ground for
 1/4 sec. cor. marked 1/4 on W.
 face, and raised a mound
 of stone alongside. Pit imp-
 rectable

78.72 Set a Basalt stone 16 x 13 x 5
 ins. 11 ins. in the ground,
 for cor. to Secs. 16, 7 & 12.

E. B. S. G. H. R. 28 E.

chains

marked with 1 notch on
N and 5 notches on S. edge,
and raised a mound of stone
alongside Pit impracticable
Land rolling
Soil 3^d rate
Vegetation of Punchgrass.

S 14' E' on a true line, bet.
Secs. 7 & 12.

Cor. 11° 33' E'

over rolling ground.

4000 Set a Basalt stone 16x12x4
ins. 11 ins. in the ground
for 1/4 sec. Cor. marked 1/4
on N. face and raised a
mound of stone alongside

E. B. D. of N. R 28 E.

chains

Pits impracticable.

80.00 Set a Basalt stone 15' 14" x 12
ins. 10 ins. in the ground, for
cor. to Secs. 7, 12, 13 & 18.
marked with notches on
N and 4 notches on S edge,
and raised a mound of
stone alongside.
~~Pit impracticable.~~
Land rolling.
Soil 3^d rate
Vegetation of Bunchgrass.

S' 14' E' on a true line, bet.
Secs. 13 & 18.

Var. 11° 13' E'

10.10 Cross Road corner N. 45° W.
and S. 45° E'

E. B. S. of N. R. 28 E.

Chains

- 4000 Set a Basalt stone 18 x 15 x 12
ins. 12 ins. in the ground,
for 1/4 sec. cor. marked 1/4
on W. face, and raised a
mound of stone alongside
Pit's impredictable.
- 00.00 Set a Basalt stone 16 x 16 x 40 ins.
11 ins. in the ground for cor.
holes. 13, 18, 19 & 24, marked
with 3 notches on W. S. edge,
and raised a mound of
stone alongside Pit's imp-
redictable,
Land rolling
Soil 3^d rate
Vegetation of Bunchgrass.

E. B. J. of N. R. 28 E.

Chains

S' 14' E' on a true line, bet.
Secs. 19 & 24.

Cor. 11° 33' E'

Descend

40.00 Set a Basalt stone 16 x 10 x 8
ins. 11 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked off
on W face, and raised a
mound of stone alongside,
Pit impassible

75.10 Cross Road, course N. 70° E'

80.00 Set a Basalt stone 16 x 16 x 10
ins. 11 ins. in the ground
for Cor. b Sec. 19, 24, 25 & 30.
marked with 4 notches on
N and 2 notches on S. edges,
and raised a mound of
stone alongside, Pit impassible

E. B. S. 9 N. R. 28 E.

chains

Land rolling

Soil 2^d rate

Vegetation of Bunchgrass.

metre line

S 14' E. ^{metre line} between Secs. 25 & 30.

Cor. 150 18' E.

Descend

40.00 Set a Basalt stone 15 x 10 x 6
ins. 10 ins. in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on W. face, and raised a
summit of stone along side

80.00 Set a Basalt stone 14 x 8 x 6
ins. 10 ins. in the ground
for cor. to Secs. 25. 30. 31 & 36
marked with 5 notches on
N & 1 notch on S. edge,

E. B. S. of N. R. 28 E.

Lines

and raised a mound of
stone alongside, Pit impr
practicable.

Land rolling.

Soil 3^d rate

Vegetation of Bunchgrass.

S. 14' E. on a true line
bet. Secs. 31 & 36.

Cor. 11 '78' E.

Descend

4000 Set a Basalt stone 20 x 20 x
10 ins. 15 ins. in the ground
for 1/4 sec. Cor. marked 1/4
on W. face and raised
a mound of stone, alongside
Pit impracticable

E. B. J. g. H. R. 28 E.

chain
8000

The Standard Cor. to Sec.
31 x 36. to Sp. 9 N. R.
28 x 29 E.

Land rolling.

Soil 3^d rate

Vegetation of Bunchgrass

N. B. S. 9 N. R 28 E.

Before proceeding with the
 detection of Sp. 9 N R 28 E.
 I made a change of 5 minutes
 in the latitude arc of my
 Solar Compass, by adding
 same to the reading previously
 given, and at upon verified
 and corrected same by obser-
 vation on the sun I also
 further tested instrument
 by reversing.

From the corner to Sp. 9x10
 N. Rs 27 & 28 E. I run
 East on a random line, bet
 Secs. 6 & 31.

Var. $12^{\circ} 33' E!$

ascend

38.00 Deposeps to N. 45° W. and

N. B. S. of N. R. 28 E.

chains

S. 45° E. and descend
 40.33 To old $\frac{1}{4}$ sec. Cor. which
 is a Post, marked $\frac{1}{4}$ S. with
 pits and earth mound
 Fredig pits & rebuilt mound
 80.00 To old Cor. to Secs. 5, 6, 31 & 32
 which is a post marked &
 notched, with pits and
 mound of earth. Fredig
 Pits and rebuilt mound,
 Land rolling
 Soil 3^d rate
 Vegetation of Bunchgrass.

East on a random line
 bet. Secs. 5 & 32.

Var. 14003' E.

N. B. S. of N. R 28 E.

chains

descend

4000

Old 1/4 sec. cor. which is a
marked limestone, 16x6 in.
sq. with pits and earthen mounds
Fredig pits.

8000

Old cor. to Secs. 4, 5, 32x33.
which is a limestone 16x8 in.
properly notched, with pits
and mounds of earth on E side,
Irbild mounds.

Land rolling

Soil 2^d rate

Vegetation of Bunch grass.

Cast on a random line,
bet. Secs. 4x33.

Var. 14° 37' E.

N. B. S. of N. R. 28 E.

Chains

Descend

40.14 To old $\frac{1}{4}$ sec. cor. which
is a ^{marked} limestone 10x10im sq.
with mound of stone along
side, ✓

46.80 Cross Wash 30lbs wide
course N. and ascend

80.40 To old cor. to Secs. 3. 4.
33x34, which is a lime-
stone 10x10im. sq. properly
notched with pits and
mound of earth on E.
side. I rebuild mound.
Land rolling.
Soil 1st rate
Vegetation of bunch grass.

N. B. N. 9 N. R. 28 E.

chains

Post on a random line,
bet. Secs. 3 & 34.

Var. $11^{\circ}47'E$

over level land.

40.22 ^{marked} Old $1/4$ sec. cor. which is
a limestone 12×10 ins.

with mound of stone along
sides, I reb'ld mound,

80.59 Old cor. to Secs. 2, 3, 34 & 35.

which is a Post in earth
mound, with pits, properly
marked and ditched,

I find the Post lying down

I reset it reb'ld earth
mound and redig Pits.

Land level

Soil set out

Vegetation of Bunchgrass.

N. B. S. of N. R. 28 E.

chain

East on a random line,
bet. Secs. 2 & 35.

Var. $15^{\circ}59'$ E.

Over level land.

12.96 Cross Road, course S. 52° E.

40.00 Old $\frac{1}{4}$ sec. cor. which is
a part. in earth mound
with pits, & redig pits.

80.30 Old cor. to Secs. 1, 2, 35 & 36.

which is a limestone,
20 & 10 ins. properly marked
with mound of stone
on E side,

Soil 3^d rate, Sand rolling
Vegetation of Bunch grass.

East on a random line

N. B. S. of N. R. 28 E.

chain

bet. Secs. 1436.

Var. 13° or E.

Ascend gradually.

40.41 Dold^{1/4} Cor. which is a marked limestone 12x10 ins. with pits, and worms & earth alongside

77.98 Cross Road course N. 10° W.

80.70 Dold Cor. to Sps 9x10 N.
Rs 28 + 29 E. already described.

Land rolling.

Soil 3^d rate

Vegetation of Bunchgrass.

July 10. 1882.

E. B. S. 10 N. R. 28 E.

chains

From the corner to Tps
9x10 N. Rs 28x29 E.
From north on a random
line, bet. Secs. 31+36.
Var. 13° 48' E.

Descend gradually.

39.92

To a Point 3 lks W. of old 1/4
see cor. which is a ^{marked} Limestone
stone 10x10 ins. sq. with
pits and mound of earth
alongside, I rebuild mound.
The return course is S. 3' W.

79.86

To a point 10 lks W. of old
cor. to Secs. 25. 30. 31+36.
which is a Limestone 14x6
ins properly notched with
pits and mound of earth.
The return course is S. 4' W.

E. B. N. 10 N. R. 28 E.

chain

Land rolling

Soil 3^d rate

Vegetation of bunchgrass.

North on a random line
bet. Secs. 25 & 30.

Var. $13^{\circ}48'E$

Descend gradually.

24.00 Cross road to St. Johns,
course N. W. & S. E.

39.86 To a point 4 lks W. of old
 $\frac{1}{4}$ sec. cor. which is a marked
limestone, with pits and
wound of earth. 2 redig
pits & rebuild mound
The return course is $S. 4^{\circ}W.$

48.69 Cross little Colorado River

E. B. S. 10 N. R. 28 E.

Chain

50 lks wide, course N. W. and ascend.

79.89 To a point 5 lks W. of old cor. to Secs. 19, 24, 25 & 30. which is a volcanic stone 30 x 20 ins. properly notched, with mound of stone on North side.

The return course is S 40° W. Land level Soil 3' out vegetation of Bunch grass.

North on a random line bet. Secs. 19 & 24.

Var. 13° 48' E.

Ascend

39.96 To a point 10 lks West of

Criterion Boundaries, E. B. S. 10 N. R. 28E

chain

 $\frac{1}{4}$ sec

old cor. which is a
marked Volcanic stone 10 x 10 ins. sq.
with wounds of stone along side,
I rebuild mound,

64.50 The return course is S 9° W.
Top of Ridge to E. W. end
descend

79.83 Soap point 8 lks East. of old
cor. to Secs. 13. 18. 19. & 24.
which is a Sandstone 10 x 8 ins.
set firmly in the ground,
properly notched, with pits
and wound of stone along
side, I rebuild mound.

The return course is S 7° E!
Land broken

Soil 3^d rate

Vegetation of Duckgrass.

E. B. T. 10 N. R. 28 E.

chains

North on a random line,
bet. Secs. 13 & 18.Var. $13^{\circ}48'E$

over Mesa.

40.04 To a point 18 lks West.
of old $\frac{1}{4}$ sec. cor. which
is a limestone in place
marked $\frac{1}{4}$, with mound
of stone alongside. Prebuilt
mound.The return course is S. $15'W$.79.93 To a point 6 lks. East of
old cor. to Secs. 7, 12 & 13 & 18.
which is a limestone, remains
properly marked with
pit. and mound of
Earth alongside. Prebuilt
mound.

No. 1280

BOOK 1280

131

E. B. D. 10 N. R. 28 E.

chains

The return course is S. 58° E.
Sand level,
Soil 2^d rate
Vegetation of Bunchgrass.

Worth on a random line,
bet. Secs. 7 & 12.

Var. 13° 48' E!

Descend gradually.

39.98 To a point 5 lks East of old
1/4 sec. Cor. which is a
marked limestone with
stone mound along side,
Irebild mound

Return course is S. 4° E!

80.00 To a point 16 lks West of
old Cor. & Secs. 16. 7 & 12.

E. B. N. 10 N. R. 28 E.

ca Chain

which is a Limestone
12 x 6 ins. properly notched,
with mound of stone on
N. side.

Return course is S. 14' W.
Land rolling.

Soil 3^d rate

Vegetation of Bunchgrass.

North on a random line,
bet. Secs. 146.

Var. 13° 48' E.

Descend

40.18 To a point 18 lbs East of old
1/4 sec. cor. which is a ^{marked} lime
stone 8 x 8 ins. with pits &
mound of earth alongside,

E. B. S. 10 N. R. 28 E.

chain

Return course is S. 15° E.

53.23 Cross Coyote Creek 50 lbs
wide course N. 60° W. and
ascend

80.67 To a point 45 lbs E. of old
cor. to Sp. 104 11 N. R. 28 29
E. which is a Limestone
18 x 18 ins. sq. properly notched,
with pits and mound of
earth alongside, I redig pits
and rebuild mound

Return course is S. 39° E!

Land rolling.

Soil 2d rate

Vegetation of Bunchgrass.

E. B. T. N. R. 28 E.

Before proceeding with
the Exterior of this Township.
I made a change of 5 minutes
in the latitude arc of my
Solar Compass, by adding
same, to the reading pre-
viously given and it was
verified and corrected same
by observation on the sun
I also further tested instrument
by reversing.

From the Cor. to Sp. 10411 N.
Rs 28 + 29 E. I run
North on a random line
bet. Secs 31 + 36.

Var. $13^{\circ} 58' E$.

Ascend

40.02 To a point 13 lks East of

E. B. S. 11 N. R. 28 E.

Chain

marked old $\frac{1}{4}$ sec. cor. which is a Post in Earth mound with pits, 3 redig pits and rebuilt mound

Return course is therefore S. 11' E.

79.86 To a point 85 lbs East, of old cor. to Secs. 25.30.31 & 36 which is a Post properly marked & notched in earth mound with pits. Rebuilt mound.

Return course is. S. 1° 13' E.
Land rolling Soil 2^d rate
Vegetation of Bunch grass

North on a random line, bet.
Secs. 25 & 30.

E. B. N. 14 N. R. 28 E.

ca. chain

Var. 130 50' E!

Descend

11.18 Cross Wash 100ks wide, course
S. 80° W. and ascend

39.75 To a point 38 lks East of old
1/4 sec. cor. which is a marked
limestone 8 x 8 ins. with pits
and mound of earth along-
side, I redig pits & rebuild
mound

Return course is S. 33° E!

79.67 To a point 70 lks. East of
old cor. to Secs. 19, 24, 25 & 30.
which is a limestone 10 x 10
ins. square, properly notched
with pits and mound of
earth along side, I rebuild
mound.

E. B. S. 11 N. R. 28 E.

Chain

Return course is S. 10° E.

Land rolling

Soil 2^d rate

Vegetation of Bunchgrass.

North on a random line
bet. Secs. 19 + 24.

Var. 13° 50' E.

Ascend

39.90 To a point 20 lks East of old
1/4 sec. cor. which is a ^{marked} Limestone
8 + 6 ins. with pits, and mound
of earth alongside, Iretmild
mound,

Return course is S. 17° E.

80.10 To a point 32 lks E of old
cor. to Secs. 13. 18. 19 + 24.

E. B. S. 10 N. R. 28 E.

Chairs

which is a Limestone 10x10
 ins. sq. properly notched
 with pits and rounded earth
 alongside, I set wild round.
 Return course is S. 27' E.
 Sand rolling
 Soil 2^d rate
 Vegetation of Bunch grass.

North on a random line
 bet. Secs. 13 & 18

Cor. 13° 50' E.

Ascend through timber.
 40.00 To a point 35 lbs East, of
 old 1/4 sec. cor. slight trace
 of which I am able to find,
 I set a Lava stone, 16x12x9 in.

E. B. S. 10 N. R. 28 E.

Chairs

11 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone alongside, Pits impracticable.

Return course S 30° E

64.00 Foot of Bluff to E. W. & ascend

70.00 Top of Bluff to E. W.

80.00 To a point 30 lbs E of old Cor. to Secs. 7, 12, 13 & 18,

which I find nearly destroyed. To re-establish corner I set a Lava-stone, $18 \times 12 \times 10$ ins., 12 ins. in the ground, marked with notches on N and 4 notches on S. edges, and raised a mound of stone alongside. Pits impracticable.

E. B. J. 11 N. R. 28 E.

ca chains

I destroyed all traces of old cor.
 Return course is S. 26' E;
 Land broken,
 Soil 3d rate
 Vegetation of bunch grass.

North on a random line,
 bet. Secs. 7 + 12.

Var. 130° 50' E!

Across Mesa.

40.08 To a point 24 lks East of
 old 1/4 sec. cor. which is a massive
 volcanic stone 12 x 10 ins.
 with pits, and mound of
 earth along side, I submit
 mound,
 Return course is S. 21' E!

E. B. S. 11 N. R. 28 E.

chains
6000

Leave Mesa, brs E + W. &
descend.

79.80 To a Point 32 lbs East, of
old cor. to Secs. 16, 7 + 12,
which is a Limestone 14 + 6
ins. properly notched, with
stone mound on N. side,
Iron build mound,
Return course is S. 27' E!
Land level and rolling.
Soil 3^d rate
Vegetation of Bunchgrass.

North on a random line
bet. secs. 1 + 6.

Var. 13° 58' E!

Descend gradually

C. B. S. 11 N. R. 28 E.

Chains

39.84

To a point 3 lks East of old
 $\frac{1}{4}$ Sec. Cor. which is a mark
 Lava stone 10 x 10 ins. square
 with stone mound on side
 Rebuilt mound

Return course is S. 31° E!

66.00

Edge of Bluff bears E N. and
 descend.

80.07

To a point 3 lks East of old
 Cor. to Sps 11 x 12 N. R. 28 x 29
 E! which is a Sandstone
 10 x 10 ins. sq. properly marked
 with pits, and mound of
 earth on N. side. Rebuilt
 pits and rebuilt mound.

Return course is S. 26° E!

Land rolling.

Soil 3^d rate

E. B. S. 11 N. R. 28 E.

Lains

Vegetation of Bunch grass
July 11th 1882.

144
 N. B. S. 10 N. R. 29 E.

Before proceeding with these Exterior I made a change of 5 minutes in the latitude arc of my Solar Compass, by subtracting it from the reading previously given, and it soon verified and corrected same by observation on the sun, I also further tested instrument by reversing. From the Corner to Sps. 10 + 11 N. R. 28 + 29 E. From East on a random line, bts. sec. 6 + 31.

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

over broken land

39.95 To a point 10 lks North

N. B. S. 10 N. R. 29 E

chain

of old 1/4 sec. cor. which is
^{marked A}
 a sandstone 18 x 8 ins. with
 pit and mound of earth
 alongside, I rebuilt mound
 Return course is N. 89° 51' W.

69.05 Leave timber. to N. & S.

80.05 To a Point 32 lbs North of old
 cor. to Secs. 576. 31 & 32. which
 is a Post marked & notched,
 3 ins. sq. with pit and mound
 of earth around post. I rebuilt
 mound & redig pits.

Return course N. 89° 49' W.

69.05 Land broken. Now

80.05 Soil 2d rate. South of
 Timber of Pine 6. 31 & 32
 Vegetation Pinch grass

H. B. S. 10 N. R. 29 E.

chain

East on a random line
bet. Secs. 5 & 32.

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

Ascend

39.74 To a point 39 lbs S. of old $1/4$
sec. cor. which is a Post
in earth mound, with pits
& rebuilt mound.

Return course is $S. 89^{\circ} 37' W$.

79.80 To a point 13 lbs South of
old cor. to Secs. 4, 5, 32 & 33.
which is a Limestone 18×16
ins. properly notched, with
pits and mound of earth
on E. side. & rebuilt mound.

Return course is $S. 89^{\circ} 47' W$.

Land rolling.

Soil 2^d rate

N. B. S. 10 N. R. 29 E.

Stations

Vegetation of Bruchgrass.

East on a random line, bet.
Secs. 4 & 33.

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

Ascend gradually.

39.73 To a point 107 lbs South of
old $\frac{1}{4}$ sec. cor. which is a
post in earth mound, with
pit & rebuild mound.

Return course is $S 88^{\circ} 28' W.$

79.68 To a point 31 lbs South of
old cor. to Secs. 34, 33 & 34.
which is a post in earth
mound, with pit, & rebuild
mound.

Return course is $S. 89^{\circ} 33' W.$

N. B. S. 10 N. R. 29 E.

Chain

Land rolling
Soil 2^d rate
Vegetation of Bench grass.

East on a random line, bet.
Secs. 3 + 34.

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

Ascend gradually

40.04 To a point 3 lks North of
old 1/4 sec. cor. which is a
post in earth mound, with
pit. I rebuild mound.

Return course is S. $89^{\circ}54'17''$

80.08 To a point 20 lks South of
old cor. to Secs. 2, 3, 34 + 35.
which is a post in earth
mound, with pit. I rebuild

N. B. T. 10 N. R. 29 E.

Chain

runway

Return course is S. 89° 43' W.
Land rolling, Soil 2^d rate
Vegetation of Bunch grass.

East on a random line,
bet. Secs. 2 & 35.

Var. 13° 50' E!

- ✓ over rolling land
- 40.10 To a point 40 lbs North
of old 1/4 sec. cor. which is
a part in earth mound with
pits. I rebuild mound.
Return course is N. 89° 36' W.
- 80.40 To a point 5 lbs South of
old cor. to Secs. 1, 2, 35 & 36.
which is a limestone 8 x 8 ins.

N. B. S. 10 N. R. 29 E

chains

sq. properly notched, with
pits, and mounds of earth
along side, I rebuild mound,
a Peum Gien dia. bro. S. 8 lbs dist.

a bedar 12 ins dia br. N. 16° W. 12 lbs dist.

a bedar 16 ins dia br. N. 5° E. 18 lbs dist.

Return course S. 89° 56' W.

Land rolling

Soil 2d rate

Vegetation of Bunchgrass.

East on a random line, bet.
Secs. 14 & 36.

Var. 130 50 E!

Descend.

34.92 Cross low Sag. course N. Ex S. W.
and ascend.

N. B. S. 10 N. R. 29 E.

chain
39.89

To a point 97 lbs North of old
1/4 sec. cor. which is a Post.
in earth mound with pit
Rebuild mound,

Return course is N. 88° 37' W.

79.92

To a Point 35 lbs North of
old cor. to Tps 10 & 11 N.
R. 29 & 30 E. which is a
Limestone properly notched

with pits, and mound of
earth on N. Side, from which
a cedar 10 ins. dia. br. S. 5° E. 130 lbs dist.
a cedar 6 ins. dia. br. h 23° W. 16 lbs dist.

Rebuild mound

Return course is N. 89° 30' W.

Land Rolling

Soil 2^d rate

Vegetation of Bunch grass.

E. B. T. 10 N. R. 29 E.

Chain

From the cor. to Tps 10 & 11 N.
Rs 29 & 30 E! Down
South on a random line
bet. Secs. 1 & 6.

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

Ascend

39.70 To a point 80 lbs West. of
old 1/4 sec. cor. which is a
Post. set firmly in the ground
from which

a Pinon Pine. dia. on N. $88^{\circ} W$. 20 lbs dia.

a Pinon Pine. dia. on S. $40^{\circ} W$. 50 lbs dia.

Tree mild rot.

The return course is N. $10^{\circ} W$.

79.95 To a point 17 lbs West of old
cor. to Secs. 1, 6, 7 & 12 which is
a marked stone in earth
surround with pits, Tree mild

E. B. N. 10 N. R. 29 E.

Chains

wound

Return course is N. 15° W.

Land rolling

Soil 3^d rate

Vegetation of bunchgrass.

South on a random line
bet. Secs. 4 + 12.

Var. 13° 30' E.

Descend

39.35 To a point 10 lbs East of old
1/4 sec. cor. which is a Post
in earth mound, with pits
I rebuilt mound

Return course is N 9° E!

80.32 To a Point 14 lbs E! of old
corner to Secs. 7, 12, 13 + 18

E. B. N. 10 N. R. 29 E.

Chains

which is a limestone 14-10
in. properly marked, with
pits and mound of earth on
N. side. I rebuild mound

Return course is N. 14' E!

Land rolling

Soil 2^d rate

Vegetation of Bunch grass

From the corner to Sec. 7. 12
13 & 18. I continue I'm a
random line, on E. B. of
N. ^{10th} 29 E.

Var. 13° 50' E!

I find no traces of old
corner, at

314.20 I reach a point 127 lks East.

C. B. S. 10 N. R. 29 E.

chains

of old Cor. to Spo 9 + 10 N.
R. 29 + 30 E! which is a
Sandstone 15 + 12 ins. properly
marked, with mound of
stone on N. side, from
which cor. Iron N. 14' E!
on a true line, bet Secs. 31 + 36.

Var. 13° 48' E!

20.00 Descend through timber
Leave timber to N. 80° W.
and S. 84° E!

31.10 cross gulch 100 yds wide, course
N. W. and ascend

34.00 Enter timber to N. W. + S. E.

39.00 Set a Sandstone 14 + 8 + 8 ins.
10 ins. in the ground, for 1/4
sec. cor. marked 1/4 on N.
face and raised a mound of

E. B. T. 10 N. R. 29 E.

Acino

stone alongside Pit impu-
acticable. from which
a cedar burs. dic. br. N. 87° W. 28 lbs dist.
marked $\frac{1}{4}$ S. B. P. in other tree near

52.00 Top of spur br N 70° W. and
descend

57.50 Cross gulch 10 lbs wide, course
N. W. and ascend

65.00 Top of ridge br N. W. and S. E.
and descend

76.00 Leave timber br E. W.

79.80 Set a post 4 ft. long 4 ins. sq.
with marked stone 12 ins in
the ground, for corr. to Secs.

25.30. 31 2 36, marked

T. 10 N. S. 30 on N. E.

R. 30 E. S. 31 on S. E.

R 29 E. S. 36 on S. W and

E. B. S. 10 N. R. 29 E.

Claim

S 25 on N. W. face, with 5
notches on N. and 1 notch
on S. edge, dug pits 18" x 18" x
12" in each sec. 5' ft. dist.
and raised a mound of
earth 2 ft high 4 ft. base
around post.

Land unimproved.

Soil 3rd rate

Timber of cedar.

N. 14° E! on a true line,
bet. Secs. 25 & 30.

Var 13° 50' E!

Descend

2.00 Enter scattering timber
to E. W.

E. B. S. 10 N. R 29 E.

chain

15.00

Leave timber to E. W.

39.90

Set a Sandstone 14 x 8 x 6 ins.

10 ins. in the ground, for

$\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on

W. face, dug pits 18 x 18 x 12

ins. in S. of stone, 5 $\frac{1}{2}$ ft. dist.

and raised a mound of

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

along side,

79.80

Set a Post 4 ft. long, 4 ins. sq.

with marked stone 12 ins. in

the ground, for cor. to Secs.

19. 24. 25 x 30. marked -

P. 10 N. S. 19 on N. E.

R 29 E. S. 30 on S. E.

R. 28 E. S. 25 on S. W. and

S. 24 on N. W. faces, with

4 notches on N. and 2

E. B. J. 10 N. R. 29 E.

hairs

notches on S. edges, dug pits
 18 x 18 x 12 ins. on each sec. 5/4
 ft. dist. and raised a mound
 of earth 1 ft high 1/4 ft.
 base alongside.

Land rolling
 Soil 2 d rate
 Timber of cedar.

N. 14' E! on a true line
 bet. Secs. 19 + 24.

Var. 13° 58' E!

Ascend gradually

39.90

Set a sandstone 12 x 10 x 6
 ins. dim. in the ground, for
 1/4 sec. cor. marked 1/4 on
 W. face, dug pits 18 x 18 x 12

E. B. N. 10 N. R. 29 E.

chains

N.W. of stone 5 1/2 ft. dist.
and raised a mound of
earth 1 ft. high 3 1/2 ft. base
alongside.

7980 Set a Sandstone 12 x 12 x 6 ins.
8 ins. in the ground for
cor. to Secs. 13, 18, 19 & 24,
marked with 3 notches on
N.W. edge, dug pits 18 x 18 in
in each sec. 5 1/2 ft. dist.
and raised a mound of earth
2 ft high 4 1/2 ft. base along side.
Sand rolling.

Soil 2d rate

Vegetation of Bunch grass.

N. 14' E! on a true line

C. B. S. 10 N. R. 29 E.

Lines

bet. Secs. 13 & 18.

Var. 13° 30' E.

Descend

15.97 Cross Gulch 5 lbs wide, course
W & ascend

30.00 Top of spur to Et W. and
descend

39.90 Set a Sandstone 12 x 9 x 9 ins.
8 ins. in the ground for 1/4
se. cor. marked 1/4 on W.
face, dug pits 18 x 18 x 12 ins.
Dist. of stone 5 1/2 ft. Dist.
and raised a mound of
earth 2 1/2 ft high 3 1/2 ft.
base alongside.

79.80 The cor. to Secs. 7, 12, 13 & 18.
Land broken
Soil 3^d rate

E. B. P. 10 N. R. 29 E.

Vegetation of Bunch grass.
I carefully examined the
adjustments of my Solar
Compass today particularly by
the latitude and reversing
apparatus, and found them
correct.

July 12, 1882.

Wm. H. H.

N. B. S. 9 N. 29 E.

Before proceeding with
the entering of this Sp.
I made a change of 5 minutes
in the latitude of my solar
compass, by subtracting
same from the reading
previously given and at
noon verified and cor-
rected same by observation
on the sun I also further
tested instrument by
reversing.

From the Cor. to Sp. 9-10
N. 29 + 30 E. I run
West on a random line
bet Secs. 12-36.

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

Ascend

H. B. J. & H. R. 29 E.

chains

26.00

Cross Coyote creek 2000s width,
course N & ascend

40.07

To a point 1500s north of
old 1/4 sec. cor. which is a
post in earth mound, with
pits, Fredig pits and rebuilt
mound

Return course is N. 89° 47' E.

80.00

To a point 1350s north of
old cor. to Secs. 1, 2, 3, 5 & 36.
which is a post in earth
mound, with pits, Fredig
pits, & rebuilt mound

Return course is N. 88° 41' E.

Land rolling

Soil 3d rate

Vegetation of Bunch grass.

N. B. S. of N. R. 29 E.

Lains

West on a random line,
bet. Secs. 2 + 35.

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

Ascend gradually.

39.98 To a point 15 lbs N. of old
 $\frac{1}{4}$ sec. cor. which is a marked
Limestone, 14×10 ins. with
stone mound alongside,
which I rebuilt & dig pits.

Return course is $N 89^{\circ} 47' E!$

59.00 Top of ridge to west and
descend

79.80 To a Point 21 lbs. North of
old cor. to Secs. 2, 3, 34 + 35,
which is a Limestone 12×4 ins
with mound of stone on
E. side, which I rebuilt
and dig pits.

H. B. T. g. h. R. 29 E.

chain

Return course is N. $89^{\circ}42'E$
 Land rolling.
 Soil 3^d rate
 Vegetation of Bunch grass.

• West on a random line
 bet. Secs. 3 + 34.

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

Descend gradually.

29.80 Cross gulch 5 lbs wide, come N.
 and ascend.

40.09 To a point 67 lbs north of
 old $\frac{1}{4}$ sec. cor. which is a
 volcanic stone 10 x 10 ins. with
 stone mound along side,
 rebuild mound, & dig pits.
 Return course is N. $89^{\circ}03'E$

N. B. S. of N. R. 29 E.

Locus
40.29

To a point 130 lks north of
old corr. to Secs. 3, 4, 33 & 34.
which is a sandstone 130 x 100 ins.
with stone mound elongated
I Rebuild mound and dig pits.
Return course is N. 89° 10' E.
Land rolling
Soil 3^d rate
Vegetation of Bunch grass.

West on a random line bet.
Secs. 4 & 33.

Var. 13° 50' E.

Ascend gradually

40.22

To a point 53 lks north
of old 1/4 sec. corr. which
is a Sandstone 100 x 60 ins.

G. B. S. of N. R. 29 E.

chain

with earth mound, and
pits, & rebuilt mound &
redig pits.

The Return course is N.
89° 14' E.

52.00 Top of Ridge to N.S. and
descend

80.22 To a point 115 lbs North of
old Cor. to Sec. 4, 5, 32 & 33,
which is a Post in earth
mound, with pits &
rebuilt mound & reset
post, and redig pits.

The return course is N. 88° 1' E.
Land broken

Soil 3^d rate

Vegetation of Bruchgrass

N. B. S. of N. R. 29 E.

Mains

West on a random line
bet. Secs. 5 & 32.

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

Its end

46.00 Being unable after diligent
search to find old $1/4$ sec. cor.
I set temporary $1/4$ sec. cor.
and continue West.

64.80 Cross Little Colorado River
800 yds wide, course N. 30° W.
and ascend,

75.10 Cross Road bears N. W. and
S. E!

80.16 To a point 108 yds North
of old cor. to Secs. 5, 6, 31 &
32, which is a Limestone
 10×10 ins. with earth mound,
and pits, I rebuilt mound

H. B. N. of H. R. 29 E.

Lains

and redig pits.

Neua Pmn N. 89° 14' E.
on a true line, bet. Secs. 5 & 32
Tan 13° 50' E.

40.16 Set a Sandstone 16 & 12 & 9 ins.
11 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N.
face, and raised a mound
of stone alongside, Pits
impracticable.

80.16 The Cor. to Secs. 4, 5, 32 & 33.
Land rolling,
Soil 3^d rate
Vegetation of Bunchgrass.

West on a random line,
bet. Secs. 6 & 31.

N. B. S. 9 H. R. 29 E!

Var. $130^{\circ} 50' E!$

Ascend gradually.

40.29 To a Point 29 lbs North
of old $\frac{1}{4}$ sec. cor. which is
a marked Limestone 12 x 12
ins square, with earth
mound & pit. To build
mound, and redig pits
The return course is N. 89 $35^{\circ} E!$

80.36 To a point 38 lbs North of
old cor. to Sps. 9 & 10. N.
Rs 28 & 29 E!

Return course is N. 89 $27' E!$

Land rolling.

Soil 3d rate

Vegetation of Bunchgrass.

E. B. T. 9 N. R. 29 E.

cheius

✓

From the cor. to Secs 9 & 10 N.
R 29 & 30 E. Run
South on a random line,
bet Secs. 1 & 6.

Var. 13° 50' E!

ascend

10.36 Top of ridge bet E & W descend

35.56 Cross Coyote Creek 400 yds wide
course N. W. and ascend

40.24 Top point 200 yds East of old
1/4 sec. cor. which is a marked
Limestone 10 x 10 ins. square
with mound of stone along-
side I rebuilt mound,
Return course N. 17° E.

80.36 Top point 200 yds west of old
cor. to Secs. 1-6. 7 & 12, which
is a Post. in earth mound

E. B. N. 9 N. R. 29 E.

claims

with pits,

Return course is N. 17° W.

Land mountainous

Soil 3^d rate

Vegetation of Bunchgrass

South on a random line
bet. Secs. 7 & 12.

Var. 13° 50' E!

Ascend

39.88 Top point 6 lks west of old
1/4 sec. cor. which is a marked
limestone with earth mound
and pits,

The Return course is N. 5° W.

80.00 Top point 15 lks West of
old cor. to Secs. 7, 12, 13 & 18.

E. B. S. of N. R. 29 E.

Chain

which is a limestone 24x6
ins. properly notched, with
stone wound on N. side.

Return course is N. 13' W.

Land mountainous

Soil 3^d rate

Vegetation of Panicum

South on a random line
bet Sess. 13 + 18

Var. 13° 50' E!

Ascend

39.75 To a point 25 lbs West of
old ^{14 sec} cor. which is a post
in earth wound with
pit, Dredg pits.

Return course is N. 21' W.

E. B. S. of N. R. 29 E.

Lasino

29.00

Top of ridge to Et W.
and descend

29.05

Soapstone 10 lbs West. of
old Cor. of Secs. 13, 18, 19 & 24
which is a volcanic stone
10 x 10 ins. sq. properly watched
with earth mound and pit
Fred's pits and returned mound
Return course is N. 9° W.
Land mountainous

Soil 3^d rate

Vegetation Bushy grass.

South on a random line
bet. Secs. 19 & 24.

Cor. 13° 50' C.

Descend

E. B. D. g N. R. 29 E.

chain

39.98 Soapoint 15 lbs West of
old cor. ^{1/4 sec} which is a post
in earth mound with
pits, 2 red dy pits.

Return course is N. 13' W.

57.88 cross Road to New Messier
course N. E. x S. W.

74.98 Soapoint 35 lbs West. of
old cor. to Secs. 19, 24, 25 & 30.
which is a Limestone 10x10
ins sq. properly notched,
with pits and earth mound
on N. side. 2 red dy Pits.

Return course is. N. 30' W.
Land mountainous
Soil 2^d rate.

Vegetation Bunch grass.

E. B. T. 9 N. R. 29 E.

Chains

South on a random line
bet. Secs. 25 & 30.

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

Descend

40.00

Point 10 lbs. E. of old ^{marked} ~~sec.~~
cor. which is a limestone
10x10 in. sq. with mound
of stone alongside.

Return course is N. 9' E'.

From this corner I continue
South on a random line
on E. B. of T. P. Being unable
to find any old corners.

I set temporary corners at
every 40 chs. Till at

120.05

I arrive at a point 12 lbs
East of old Standard Cor.
T. P. 9 N. R. 29 & 30. E'

E. B. S. of N. R. 29 E.

chain

which is a Limestone 10x10
ins. sq. properly notched,
with round of stone on E. side
which I rebuilt 3ft. high.

Thence I run

N. 21° E. on a true line

bet. Secs. 31 + 36.

Var. 13° 50' E.

ascend

18.00 Top of Ridge bet N. W & S. E.
and descend

46.00 Set volcanic stone 16x10x
8 ins. 11 ins. in the ground
for 1/4 sec. cor. marked 1/4
on N. face, and raised
a round of stone along-
side, P. to impracticable

C. B. D. g. h. R 29 E.

hairs
80.00

Set a volcanic stone 20x
18x12 ins. 15 lbs. in the ground
for cor. to Secs. 25, 30, 31 & 36
marked with 5 notches on
N and 1 notch on S. edges,
and raised a mound of
stone alongside Pts imp-
racticable.

Land mountainous

Soil B. d. rate

Vegetation Brunelgrass.

N. 21' E. on a true line, lit.
Secs 25 & 30. (1/2)

Cor. 130 50' E.!

40.05. P. old 1/4 sec. Cor. bet. Secs 25 & 30
Land mountainous.

E. B. A. of N. R. 24 E.

Soil 3^d rate.

Vegetation of Bunchgrass
July 13.th 1882.

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

U. S. Surveyor General's Office,
Tucson, Arizona, Jan'y, 12, 1883

The foregoing Field Notes of the survey of

Retracing Lines

Sections, 3^d, 9th S. Rs. 26, 27, 28, 29 & 30 E.

" " 10th S. Rs. 26, 27, 28 & 29 E.

" " 11th S. Rs. 27 & 28 East

of the Gila and Salt River Base and Meridian, Arizona,
executed by A. P. Johnson,

D. S., under his contract of the 8th day of

June, 1882, having been critically ex-

amined and the necessary corrections and explanations

made, the said Field Notes and the surveys they de-

scribe, are hereby approved.

J. W. Robbins

Surveyor General.