

*See  
plotted*

*Book No. 1*

*See Index*  
**Field Notes**

*1571*  
OF THE SURVEY OF BOOK 1571

**1571**

*the W. bdy. of Tps. 12, 13,  
14 and 15 S., R. 23 E., Tp. 11 S.  
R. 22 E. and the North  
bdys. of Tps. 13 + 14 S. R. 23  
E. and Tp. 12 S. R. 22 E.*

*of the*  
**1571**

*Cala and Salt River Base and Meridian*

**ARIZONA.**

By *R. C. Powers*

Under contract dated *Aug 1880*

Survey commenced *May 26*

Survey completed *June 4th*

Preliminary Oaths of Assistants.

We Sidney Thomas  
 and Osmond Cogswell  
 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 Extens  
and Subdivisions of Tps. 12, 13, 14 & 15  
S. 9, 22 E. and Tps. 11, 12, 13, 14 & 15 S.  
R. 22 E.

J. and S. A. 2d. Territory of Arizona.  
Sidney Thomas Chainman.  
Osmond Cogswell Chainman.

Subscribed and sworn to before me, this 26<sup>th</sup>  
 day of May 1884

J. B. McLaughlin  
 Notary Public.

We Tom Cliphart and  
Richard Whitehead and John Williams  
do solemnly swear that we will well and truly perform the  
duties of Assessor and Surveyor

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 Extensions and subdivisions  
of Tps. 12, 13, 14 & 15 S. R. 20 E. and  
Tps. 14, 12, 13, 14 & 15 S. R. 22 E.

G and S. R. M. Territory of Arizona.

Tom Cliphart Assessor  
Richard Whitehead "

Subscribed and sworn to before me this 26<sup>th</sup>  
day of May 1884

J. B. McLaughlin  
Notary Public.



I *John Williams* do solemnly swear that  
will well and truly perform the duties of *Flagman*  
according to instructions given *me* and to the best of *my*  
skill and ability.

*John Williams*  
*Flagman*

Sworn to and subscribed before me this *21*  
day of *May* 18

*J. B. McLaughlin*  
*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 me this  
..... day of ..... 188

10 Preliminary Oaths of Assistants.

We George W Russell  
and Joseph Schwarz  
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 Esteros  
and subdivisions of Tps. 12, 13, 14, 15 S.  
R. 20 E. and Tps. 11, 12, 13, 14, 15 S. R. 22 E.

Gila and Salt River <sup>Ariz</sup> Territory of Arizona.

George W Russell Chainman.

Joseph Schwarz Chainman.

Subscribed and sworn to before me, this 26<sup>th</sup>

day of May 1884.

J. B. McLaughlin  
Notary Public.

We Joseph F. Davis Edward Lee  
and Michael Beck

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

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 Sections and Subdivisions

of Twp. 12, 13, 14, 15, 16, R. 23 E. and  
Twp. 11, 12, 13, 14 and 15, R. 22 E.

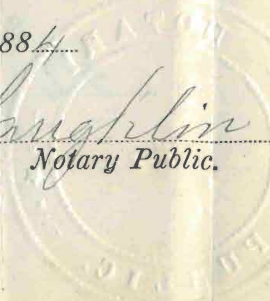
of and for Territory of Arizona.

Joseph F. Davis  
Edward, Lee, et al.

Subscribed and sworn to before me this 26<sup>th</sup>

day of May 1884

J. B. McLaughlin  
Notary Public.



*J. Michael Beck* 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.

*Michael Beck*

*Flagman*

Sworn to and subscribed before me this *26*

day of *May* 1884

*J. B. McLaughlin*

*J. Johnston B. McLaughlin* do solemnly swear that I  
will well and truly perform the duties of *Compassman*  
according to instructions given *me* and to the best of  
*my* skill and ability.

*Johnston B. McLaughlin*  
*Compassman*

Sworn to and subscribed before me this

*26* day of *May* 1884

*R. C. Pomeroy*

(12)

BOOK 1571

- Desc. Insts.

The inst used in the survey of the exterior was a solar transit manufactured by W. & L. E. Gurley of Troy, N.Y. in good condition and in the subdivision work the same inst. and a Gurley's solar compass nearly new and in good adjustment.

For final notes see Book No. 4



## Index

## W. bdy.

- J. 12 S., R. 23 E. Pgs. 1 to 9 incl.
- J. 13 S., R. 23 E. pgs. 10 to 17 "
- J. 14 S., R. 23 E. Pgs. 18 to 24 "
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## N. bdy.

- J. 14 S., R. 23 E. Pgs. 33 to 40 incl.
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## W. bdy of

- J. 11 S. R. 22 E. pgs. 59 to 67 incl.

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BOOK 1571

15

617

618

*S. 11 S., R. 22 E.*

*S. 11 S., R. 23 E.*

619

6030

5931 32 33 34 35 36

~~57 55 54 52 51 50~~

6 5 4 3 2 1 2 6

11237

*S. 12 S., R. 22 E.*

13 5 18

*S. 12 S., R. 23 E.*

24 6 19

25 7 30

36 8 31 32 33 34 35 36

~~48 47 46 45 44 43~~

1 10 6 5 4 3 2 1

12 11 7

*S. 13 S., R. 22 E.*

13 12 18

*S. 13 S., R. 23 E.*

24 13 19

25 7 30

36 16 31 32 33 34 35 36

~~40 38 37 36 35 33~~

1 18 6 5 4 3 2 1

12 19 7

*S. 14 S., R. 22 E.*

13 20 18

*S. 14 S., R. 23 E.*

24 21 19

25 22 30

36 23 31

1 25 6

12 26 7

*S. 15 S., R. 22 E.*

13 27 18

*S. 15 S., R. 23 E.*

24 28 19

25 29 30

36 30 31

BOOK 1571

14

11 and 12 S  
 already  
 to the  
 Co. 15 S, R 15  
 post  
 E. N. and  
 stroyed and  
 dig  
 size,  
 a random  
 970 chs.  
 Sps. 11 and  
 which is a  
 ked in  
 the pits  
 out 155 chs.  
 course  
 0°-03' N.  
 30 Sps  
 to the

last half mile N. of the W.

As the cor. to Tps. 11<sup>2</sup> & 12 S.  
R's. 22 and 23 E. is already  
established, I go to the  
Standard Cor. to Tps. 15 S., R's.  
22 & 23 E. which is a post  
in mound with pits E. W. and  
N. of it, partially destroyed and  
I remark post and dig  
pits to their proper size,  
and run north on a random  
line. At 23 miles 79.70 Chas.  
intersect the cor to Tps. 11 and  
12 S., R's. 22 and 23 E. which is a  
post properly marked in  
mound of earth with pits  
N. S. E. & W. of it, at a point 1.55 Chas.  
W. of it. My return course  
will therefore be S 00° 03' W.  
on a true line, the 30' angle  
deficiency is thrown into the  
last half mile N. of the W.

West bdy. T. 12 S. R. 23 E.

bdy of T. 12 S. R. 23 E.

S.  $0^{\circ}-03' W.$  on a true line

bet. Secs 1 and 4

to  $13^{\circ}-00' E.$

- 29.20 Dry Wash 15 lks. wide, Co. East.
- 39.70 Set a Malpais stone 16x10x6 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. Pile  
impracticable.
- 47.00 Around mountain ridge
- 58.00 Top of mt. ridge - Bros.  
E. & W. Descend -
- 64.00 Base. Enter valley -
- 79.70 Set a Malpais stone 16x  
12x7 ins. 10 ins. in the ground  
for cor. to Secs 1, 6, 7 and  
12 marked with 1 notch  
on N. and 5 notches on S.  
edges and raised

W. bdy. T. 12 S., R. 23 E.

a mound of stone along  
side. Pits impracticable.  
Surface Mountainous 17 cu  
and level.

Soil 1<sup>st</sup> and 3<sup>d</sup> ran

Good grazing  
No timber.

S. 0° 05' N. on a true line  
Bet. Secs 7 and 12  
Va. 13° 00' E.

- 14.00 Enter scattering oak
- 16.50 Dry wash 11 1/2 lks wide - Course  
S. 80° E.
- 40.00 Set a granite stone 20 x 10 x 10 ins.  
15 ins. in the ground for 1/4 sec.  
Cor. marked 1/4 on N. face  
and raised a mound of  
stone alongside. Pits  
impracticable - from which  
a Black oak 20 ins. dia.

W. bdy T 12 S. R. 23 E.

brs.  $71.81^{\circ}$  E. 53 lbs. dist.  
marked  $\frac{1}{4}$  S. B. I.

a Black oak 18 ins. dia. brs.  $71.81^{\circ}$  W.  
67 lbs. dist. marked  $\frac{1}{4}$  S. B. I.  
Begin ascent of N.E. mt.  
slope.

80.00 Set a granite stone 18x9x6 ins.  
12 ins in the ground for cor. to  
Secs. 7, 12, 13 and 18 marked with  
2 notches on N. and 4 notches  
on S. edges and raised a mound  
of stone alongside - from which  
a Black oak 10 ins. dia. brs.  
S. 30 W. 124 lbs. dist. marked  
T. 12 S. R. 22 E. S. 13 B. I. No other  
trees in limits -

Surface - Mountainous -  
Soil - Rocky - 3500 ft.

Good grazing -  
Scattering oak -

W. bdy. T. 12 S. R. 23 E.

S  $0^{\circ} 03' N$ . on a true line  
Bet. Seco. 13 and 18  
Ta.  $13^{\circ} 00' E$ .

Ascending

40.00 Set a granite stone  $18 \times 12 \times 7$   
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. Pits  
impracticable.

47.50 Dry Wash 80 lks. wide  
Course E.

80.00 Set a granite stone  $18 \times 17$   
 $\times 12$  ins. 12 ins in the ground for  
cor. to Seco 13, 18, 19, 24. marked  
with 3 notches on N. and S.  
edges and raised a mound  
of stone alongside - Pits  
impracticable -  
Surface Mountainous  
Pore - 2 d. etc -

W. body. T. 12 S. R. 23 E

Some grazing  
scattering brush -

S. 0°-03' N. on a true line  
Bet. Secs. 19 and 24  
Va 13°-00' E.

Ascending

18.00 Top of Rocky Mt. Peak -  
Descend

40.00 Set a granite stone 18X12X8  
ins. 12 ins in the ground for  
1/4 sec. cor. marked 1/4 on N.  
face and raised a mound  
of stone alongside. Pit  
impracticable

48.00 Base. Dry wash 60 lbs wide,  
course E. Ascend along N.W.  
slope of high peak -

80.00 Set a granite stone 18X12X7  
ins. 12 ins in the ground for  
the cor. to Secs. 19, 24, 25 and



W. Sdy. T. 12 S., R. 23 E.

30 marked with 4 notches  
on N. and 2 notches on S. edges  
and raised a mound of  
stone alongside. Pits impracticable.  
Surface - Mountainous  
Soil - 2<sup>nd</sup> rate.  
Poor grazing -  
Scattering brush

S. 0° - 03' W. on a true line  
Bet. Secs. 25 and 30

Va 130° 00' E.

Ascending

40.00 Set a granite stone 17 X 12 X 8 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. Pits impracticable.

73.00 Top of Mountain - brs  
E. and W. Descend  
abrupt slope -

7th day. T. 13 S., R. 23 E.

From the Cor. to Tps 12 & 13 S.,  
R. 22 and 23 E. just estab-  
lished by me I run  
S.  $0^{\circ} - 03' N.$  on a true line  
Bet Secs 1 and 6  
Ta  $13^{\circ} - 00' E.$

Ascending

38.00 Top of Mountain bro. NW.  $25^{\circ} S. E.$

41.00 Set a granite stone  $20 \times 10 \times 10$   
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 along side. Pits  
impracticable -

47.00 Descend -

8.00 Set a Granite stone  $17 \times 12$   
 $\times 8$  ins. 12 ins. in the ground  
for Cor. to Secs 1, 6, 7 and 12  
marked with 1 notch on N.  
edge and 5 notches on E.  
edge. And raised a mound

N. bdy. T. 13 S., R. 23 E.

of stone alongside. Pitt  
 impracticable  
 Surface Mountainous  
 Soil ~~the~~ rare -  
 no grass -  
 no timber -

S.  $87^{\circ} 57' W.$  on a true line  
 Bet. Secs 7 and 12  
 Va  $13^{\circ} - 00'$  E.

Descending

23.17 Creek 10 lbs wide Co. N.E.

Ascend

4000

Set a Malpais stone 18  
 $\times 10 \times 9$  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 along-  
 side. Pitt impracticable.

80.00

Set a Granite stone 16  $\times 10 \times 8$   
 ins. 10 ins. in the ground

W. bdy. T13 S. R 23 E.

for cor to Secs. 7, 12, 13  
and 18 marked with 2 notches  
on N. and 4 notches on S.  
edges and raised a mound  
of stone alongside. Pits  
impracticable

Surface Mountainous  
Soil - 4<sup>th</sup> rate -

No grass -

No timber -

May 28<sup>th</sup> 1854

S<sup>1</sup> 0°-03' W on true line  
Bet. Secs 13 and 18

Va 132.00' E.

Ascending

14.00 Top of Mt. bro. W. E. of S. W.

34.00 Descend

40.00 Set a granite stone 18x12x10  
ins. 12 ins in the ground

for N. sec cor. marked  
W on W face and

W. bdy. T. 13 S., R. 23 E.

- 67.50 raised a mound of stone  
 alongside. Pits impracticable  
 Dry Wash 40 yds wide  
 Course East. Obround
- 8.00 Set a granite stone 17x10  
 x 8 ins. 12 ins in the ground  
 for Cor to Secs. 13, 18, 19 and  
 24 marked with 3 notches  
 on N. & S. edges and raised  
 a mound of stone along-  
 side. Pits impracticable.  
 Surface mountainous -  
 Soil - 4<sup>th</sup> rate -  
 no grass  
 Scattering brush

S.  $0^{\circ} 03' N$  on a true line  
 Bet. Secs 19 and 24  
 Ta.  $13^{\circ} 00' E$ .

Ascending

23.00 Top of Mt. Ridge bnd. E. & W.

W. Sdy. T. 13 S., R 23 E.

Descend

40.00

Set a granite stone 20  
x 12 x 8 ins. 15 ins. in the ground  
for 1/4 sec. cor. marked X on  
N. face and raised a  
mound of stone alongside.  
Pits impracticable.

62.00

Dry Wash 20 lbs wide. C. S. E.

Descend

80.00

Set a granite stone 18 x 16  
x 11 ins. 12 ins. in the ground for  
Cor. to Secs. 19, 24, 25 and 30  
marked with X notches on  
N. and 2 notches on S. edges  
and raised a mound of stone  
alongside - Pits impracticable.

Surface - Mountains -  
Soil - 4<sup>th</sup> grade.

No grass.

No timber.

W. bdy. S. 13 S., R. 23 E.

S.  $0^{\circ}-05'$  W. on a true line

Oct. Secs. 25 and 30

Va  $13^{\circ}-00'$  E.

Ascending

23.00 Top of Mountain bro. Sta  $25^{\circ} 46' N.$

29.00 Descend

4.000 Set a granite stone  $24 \times 12$   
 $18$  ins.  $18$  ins. with the ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W.  
 face and raised a mound  
 of stone alongside. Pits  
 impracticable -

59.00 Dry Wash  $30$  lbs wide C. S. E.  
 Ascend along N. E. slope

80.00 Set a granite stone  $14 \times 12 \times 10$  ins  
 $10$  ins. with the ground for Cor. to  
 Secs. 28, 29, 31 and 32 marked with <sup>(not on N. 5 on 2 edges)</sup>  
 and raised a mound of stone  
 alongside. Pits impracticable.

Surf free - no mountains  
 Soil - worthless -

W. bdy T. 13 S. R. 23 E.

No grass -  
No timber -

S. 0-05' W. on a true line  
Bet Sections 31 and 36  
Ta. 13-00 E.

Ascending

40.00 Set a granite stone 24 X 12 X 8  
ins. 18 ins. in the ground for  
1/4 sec. cor. marked 1/4 on  
W. face and raised a  
mound of stone along  
side. Pile impracticable

80.00 Set a granite stone  
30 X 16 X 14 ins 21 ins in the  
ground for Cor. to Tps.  
13 + 14 S., R. 22 and 23 E.  
marked with 6 notches  
on each edge and raised  
a mound of stone along  
side. Pile impracticable



U. S. G. J. 13 D. R. 23 6

Surface - mountainous -  
Soil - worthless -

No grass -

No timber -

I carefully examined the  
adjustments of my solar  
transit today particularly  
the latitude and reversing  
apparatus and find them  
correct -

W. bdy. T. 14 S., R. 23 E.

From the cor. to Tps. 13 and 14 S.  
R. 22 and 23 E. just established  
by one S run

W. 0°-03' W. on a true line

Bet. Secs. 1 and 6

Var. 13°-00' E.

7.00

Top Mt. bro N.W. & E.

Descend South end of mt.

40.00

Set a granite stone 17x10x8  
ins. 10 ins in the ground for  
1/4 sec. cor. marked 1/4 on  
W. face and raised a  
mound of stone along-  
side. Pitt impracticable

63.00

Enter valley

80.00

Set a Malpais stone 16x14  
x 7 ins. 10 ins in the ground for  
Cor. to Secs. 1, 6, 7 and 12  
marked with 1 notch on W.  
and 5 notches on S, edges  
and raised a mound of

W. bdy. T. 14 S., R. 23 E.

stone alongside. Pits  
 impracticable -  
 Surface Mountainous  
 Soil 3<sup>d</sup> rate  
 Grazing - fair -  
 No timber -

S. 0°-03' W. on a true line  
 Bet. Secs. 7 and 12  
 Va 13200' E.

Descending

40.00 Set a granite stone 18x12x5 ins  
 12 ins in the ground for  $\frac{1}{4}$  acc. cor.  
 marked  $\frac{1}{4}$  on N. face and raised  
 a mound of stone alongside  
 Pits impracticable -

74.50 The old Cleveland Stage road.  
 bnd. E. & W.

80.00 Set a granite stone 12x10x6  
 ins. 8 ins in the ground for Cor.  
 to Secs. 7, 12, 13 and 18 marked

W. bdy T. 14 S. R. 23 E.

with 2 notches on N. and 4  
notches on S. edges, and raised  
a mound of stone along  
side Pile impracticable -

Surface rolling.

Soil 35 %.

Good grazing.

No timber.

S.  $0^{\circ}-05'W$ . on true line

Det. Secs 13 and 18

Va  $13^{\circ}-00'E$ .

Descending easy slope

28.50 Road - brs. E. & W.

32.60 Dry wash 30 lbs wide Co. E.

40.00 Set a granite stone  $12 \times 8 \times 7$   
ins. & 6 in. at the ground for  
 $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
W. face and raised a  
mound of stone along side  
Pile impracticable -

W. Sec. 11 x S. R 23 E

57.00 Begin ascent  
 80.00 Set a Limestone 12x10x6  
 ins 8 ins. in the ground for Cor.  
 to Secs. 13, 18, 19 and 24 marked  
 with 3 notches on N. & S. edges  
 and raised a mound of stone  
 alongside. Pite impracticable -  
 Surface - rolling -  
 Soil - 1<sup>st</sup> rate  
 Good grazing -  
 No timber -  
 May 29<sup>th</sup> 1884

S. 0°-03' N. on a true line.  
 Bet Secs 19 and 24  
 Va 13°-00' E.

Ascending

40.00 Set a Limestone 12x10x6 ins  
 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  
 Pite impracticable -

W. bdy. J. 14 S., R 23 E.

8000 Set a Limestone 12x12x6 ins  
8 ins. in the ground for cor.  
to Secs. 19, 24, 25 & 30 marked  
with 4 notches on N. & 2 notches  
on S. edges and raised a  
mound of stone along ridge.  
Pits impracticable -  
Surface Mountainous -  
Soil 3<sup>d</sup> rate -  
Good grazing -  
No timber -

J. 0<sup>o</sup>-03<sup>W</sup>. on a true line  
Bet. Secs 25 and 30  
Va 13200' E.

Ascending

17.05 Top of mt. bno. E. and W.  
Descend.

4000 Set a Limestone 12x12x6 ins  
5 ins in the ground for base  
cor. marked by an W. face

W. bay S. 14 S. R. 23 E.

and raised a mound of  
stone alongside. Pits imprac-  
ticable -

8000 Set a Limestone 20x12x9 in  
15 in. in the ground for cor  
to Secs 25, 30, 31 and 36 marked  
with 5 notches on N. and 1  
notch on S. edges and raised  
a mound of stone alongside.  
Pits impracticable -

Surface - Mountainous

Soil 3<sup>rd</sup> or 4<sup>th</sup>

Good grazing  
No timber

S. 10°-05' N. on a true line  
But Secs 31 and 36  
Ta 13°-00' E.

Descending

810

Dry wash 18 lbs wide  
Course N.

W. bay. J. 14 S. R 23 E.

4000 Set a Limestone 12x10x6 ins  
 said in the ground for 4 sec  
 cor, marked 4 on N. face  
 and raised a mound of  
 stone alongside. Pits imprac-  
 ticable —

8000 Set a Molpa's stone  
 18x12x8 ins 12 ads in the ground  
 for cor to Apr 14 & 15 S. R 23  
 22 & 23 E. marked with 6  
 notches on each edge and  
 raised a mound of stone  
 alongside. Pits impracticable  
 Surface Mountains  
 Soil - 3' soil  
 Good grazing  
 No timber

I carefully examined the  
 adjustments of my Solar  
 Transit today particularly



W. bay. 115 S., R. 23 E.

The latitude & reversing  
apparatus and find them  
correct

X From the cor. to 2<sup>nd</sup> 14 X 10 S.,  
R's. 22 and 23 E. just estab-  
lished by one I run  
S. 0° 03' W. on a true line  
Dist. Secs. 1 and 6 -  
Va 13° 00' E.

18.00 Dry wash 10 fks. wide course  
S. E. thence over high rolling  
hills or ridges

40.00 Set a Limestone 14 X 10 X 4 ins  
9 ins in the ground for 1/4 sec.  
Cor. marked 1/4 on W. face  
and raised a mound of  
stone alongside. Pit is  
impracticable.

80.00 Set a Limestone 16 X 12 X 4

U. bdy. T. 15 S., R. 23 E.

ins 10 ins in the ground for  
 Cor. to Sec 1.6 T<sup>28</sup>S 12 marked  
 with 1 notch on N. and 5 notches  
 on S. edges and raised a  
 mound of stone alongside.  
 Pit impracticable  
 Surface - Broken  
 Soil - 2<sup>d</sup> rate.  
 Good grazing.  
 No timber.

S. 0°-05' N on a true line  
 Cor. Sec 1.6 T<sup>28</sup>S 12  
 Va 13°-00' E.

40.00

Deposited a marked stone 12 ins. in the  
 ground for 1<sup>st</sup> Sec. Cor. July pit 28 x 13 x 12 ins.  
 N. and S. 12 ft. dia 5 1/2 ft. dia and raised  
 a mound of earth 1 1/2 ft. high 5 1/2 ft. base over  
 it. In N. pit drove a stake 2 ft. long 2 ins.  
 sq. 12 ft. in the ground marked 4 S. on N.  
 face.

W. bdy. T. 15 S., R. 23 E.

80.00

Deposited a 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.  $\frac{1}{4}$  ft. dist. and raised a mound of earth 2 ft. high on  $\frac{1}{2}$  ft. base over it. In S E. pt. drew a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 15 S. S. 7 on N.E. R 23 E. S 18 on S.E. R 22 E S 13 on S.W. and S 12 on N.W. faces, with 4 notches on S, and 2 notches on W edges.

Surface Heavy rolling -  
Soil - 2<sup>d</sup> rate  
Good grass  
No timber

S. 0-05' W on a true line  
Bet. Secs. 13 and 18

W. 13-00' E.

40.00

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

W. bdy. 1/5 S., R. 23 E.

80.00 Set a Lime stone  $6 \times 12 \times 6$  ins. 10 ins. in the ground for Cor. to Secs. 13, 18, 19 & 24 marked with 3 notches on S. and 3 notches on N. 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 ft. base. alongside.

Surface Rolling.  
Soil 2d rate.

Good grazing  
No timber

S.  $0^{\circ}-03'$  W. on a true line  
Set Secs 19 and 24  
T. a  $13^{\circ}-00'$  E.

1946 Road to Johnsonville Mining  
Camp Bns. E. & W. Johnsonville  
is about 60 chs W. of line.

4000 Set a Quartz stone  $18 \times 8 \times 6$   
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. Pits

W. bdy. T. 15 S., R 23 E.

impracticable -

8000 Set a Limestone 16 X 10 X 6 ins  
 16 ins in the ground for Cor.  
 to Secs. 19, 24, 25 & 30 marked  
 with 4 notches on N. and  
 2 notches on S. edges and  
 raised a mound of stone  
 alongside. Pits impracticable.  
 Surface Rolling  
 Soil 3<sup>d</sup> rate  
 Good grazing  
 No timber

S. 10° - 05' N. on a true line

Bit. Secs 25 and 30

Va 13° - 00' E.

4000 Set a Limestone 10 X 10 X 6 ins  
 6 ins in the ground for Cor  
 marked 1/4 on N. face and  
 raised a mound of stone  
 alongside, Pits impracticable

N. bdy. A. 15 S., A. 23 E.

- 7000 Dry wash 20 lks wide  
Course - East.
- 8000 Got a Quartz stone 18x12x6 ins  
12 ins in the ground for Cor. to  
Secs 25, 30, 31<sup>and</sup> 36 marked  
with 5 notches on N. and  
1 notch on S. edges and  
raised a mound of stone  
along side. Pits unpracticable  
Surface Rolling  
Soil 25 row  
Good grazing  
No timber -

---

S. 0° - 05' N. on a true line  
Bet Secs 31<sup>and</sup> 36  
Va 13200' E.

- 19.20 Road bds. N.E. P.S.W.
- 25.15 Dry wash 20 lks wide Co. N.E.
- 4000 Got a Limestone 18x10x6 ins  
10 ins in the ground for N

W. ldy. N. 15 S. R. 23 E.

See cor. marked 1/4 on  
W. face and raised a  
mound of stone along  
side. It is impracticable.

80.00 The standard Cor. to Tps. 15 S,  
R. 22 + 23 E.

Surface Rolling.  
Soil 2d rate.

Good grass.  
No timber.

May 30<sup>th</sup> 1884

General Description

The general character of  
the country along the east  
side of the line is rolling  
and broken affording good  
grazing facilities. In the  
west of the line the country  
is generally mountainous -  
The Galibrio Mts, covering  
the larger part of those Tps.

N. by. J. 14 S. R. 23 E.

From the cor. to Tps. 13<sup>rd</sup> 14 S.  
 R. 22 & 23 E. recently established  
 by me I run east on a  
 random line between said  
 Tps. setting temporary cons.  
 at each 40 & 80 chs. variation  
 of the needle being 13°-00' E.  
 At 5 miles 7960 chs. intersect  
 the range line between R.  
 23 & 24 E. 48 lks. N. of cor. to  
 Tps. 13 & 14 S. which is stone  
 firmly set in the ground  
 with pits & mound of earth.  
 My correction on true line  
 will be 8 lks. S. per mile  
 and 40 lks. W. per mile  
 and my course N 89°-57' W  
 Thence I run  
 N 89°-57' W on a true line  
 Bet. Decs 36<sup>th</sup> & 1  
 Va. 13°-00' E.



N. bdy. T. 14 S., R. 20 E.

40.00

Deposited a marked stone 12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor. lay pit 18 x 18 x 12 ins. E. and N. of stone  $\frac{1}{4}$  ft.  $\frac{1}{2}$  size and raised a mound of earth 14 ft. high 34 ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N. face.

80.00

Set a Malpais Stone 18 x 16 x 5 ins 12 ins in the ground for Cor & Secs 1, 2, 35 & 36 marked with 1 notch on E. and 5 notches on N. edges and raised a mound of stone alongside. Pits impracticable -  
 Surface Level -  
 Dred 35 rate  
 Good Grazing  
 No timber -

N. bdy I. N. S., R. 23 E.

N 89°-51' W on a true line  
 Bet Secs 2 and 35  
 Ta. 13°-00' E.

4000 Set a granite stone 16x10x9 in  
 10 in 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.

5062 Road-bnd N.E. & S.W.

9000 Set a granite stone 14x10x6  
 ins. 10 ins. in the ground for  
 Cor. & Secs. 2, 3, 34 & 35  
 marked with 2 notches on  
 on E. and 4 notches on W.  
 edges and raised a mound  
 of stone along side  
 Pits impracticable -  
 Surface level  
 Lot 20 m  
 Good grass - covering mesquite

N. bdy T. 14 S., R. 23 E.

N 89° 57' W. on a true line  
Bet. Secs. 3<sup>rd</sup> & 3<sup>4</sup>  
Ta 13° 00' E.

Through dense cottonwood and  
mosquito brush

- 2.00 Road bns. N.W. & S.E.  
12.00 Dry wash 50 lbs wide Co. S.E.  
12.40 Same road bns N.E. & S.W.  
4.00 Set a granite stone 14x10x4 ins  
10 ins. in the ground for 1/4 sec. cor.  
marked 1/4 on N. face and  
raised a mound of stone  
alongside. Pits impracticable.
- 42.15 Dry wash 18 lbs wide Co. S.E.  
8.00 Set a granite stone 15x12x5  
ins. 10 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  
Pits impracticable -

N. bdy. I. X S., A. 23 E.

Surface rolling  
Soil 3<sup>d</sup> rate  
Good grass  
Some cacti and Mesquite  
brush—

N 89° 57' W. on a true line  
Bet Dics. 4<sup>th</sup> & 33,  
Va 13° 00' E.

20 Dry wash 60 yds wide Co. S/8 E  
4000 Set a Quartz stone 12x10x8 ins  
8 ins in the ground for 1/2 sec.  
cor. marked from N. face  
and raised a mound of  
stone alongside. Pitt  
impracticable

8000 Set a granite stone  
16x12x8 ins. 10 ins in the  
ground for Cor to Lees,  
4, 5, 3 2 & 33 marked  
with 4 notches on E.

N. bdy. S. 14 S. R. 23 E.

and 2 notches on N. edges and  
raised a mound of stone alongside  
pits impracticable

Surface rolling-

Soil 25 rate-

Good grazing

Dense mesquite brush

From cor. the office of Winchester  
Mining Co. hrs. S 43° W about 10 chs.  
dist. Today I carefully examined the  
adjustments of solar transit particularly  
latitude & reversing apparatus & find them correct

$N 89^{\circ} 57' W$ . on a true line

Bet. Secs. 5 and 32

to  $13^{\circ} 00' E$ .

8.00 Office Winchester Mining Co.  
South 3 chs.

10.15 Road - hrs. N. W. & S. 48 E.

Ascend N. E. slope of Mt.

20.10 Road - hrs. S. E. and N. W.

This is a road to mines -

N. bdy. T. 14 S. R. 23 E.

- 4000 Set a Limestone 16x10x8 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  
along side. Pits impracticable
- 4500 Top of Mt. bro. W. & S.E.  
Descend
- 6050 Dry wash 30 lbs wide Co. S. E.  
Ascend Mountain
- 8000 Set a granite stone 16x10x7  
ins. 10 ins. in the ground for Cor.  
to Secs. 5, 6. 31 & 32 marked  
with 5 notches on E. and 1  
notch on N. edges and  
raised a mound of stone  
along side Pits impracticable  
Surface Mountains  
Soil 35 rods  
Some clumps Mesquite &  
catclaw brush  
Good grazing

N. bdy. T. 14 S., R. 23 E.

N 89° 57' W. on a true line  
Bet. Dec 6 and 31  
Va 13200' E.

Ascending

31.50 Top of Mountain to N. W. V. 38 E.  
Descent

40.00 Set a granite stone 14 X 12 X 5  
ins. 10 ins in the ground for  
14 sec cor. marked 14 on N. face  
and raised a mound of stone  
around side. Pils impracticable.

79.60 The cor. to Tps. 134 14 S. R. 23  
29 & 30 E. previously described  
Surface Mountainous  
Soil 3<sup>d</sup> rate rocky  
Good grazing  
May 31<sup>st</sup> 1884

71. Sdy. T. 18 S., R. 28 E.

From the cor. to Tps 12418 S,  
 R. 28423 E. <sup>recently established by me</sup> I run East on  
 a random line setting  
 temporary cor. at each 40  
 and 80 chs variation of meridian  
 being  $13^{\circ}00'$  E. at 5 miles 99 chs.  
 intersect Range line between  
 R. 28424 E. 35 lks N. of the  
 cor. to Tps 12418 S. R. 28424 E.  
 which is a post properly  
 marked with pits and  
 mound of earth around post.  
 My connection on true line  
 will be 6 lks South per mile  
 and 1 ch. west per mile and  
 my return course will be  
 $N. 89^{\circ}57' W.$  Thence I run  
 $N. 89^{\circ}57' W.$  on a true line  
 Bet Dies 1 and 36  
 Pa 18000 E.

350

Road bno. N. and S.



N. bdy. T. 13 N., R. 23 E.

40.00

Deposited a 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 stone 15 feet apart and raised a mound of earth 1 1/2 ft. high 2 ft. base over it. In E. pit thrown a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on N. face.

80.00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 1, 2, 3, 5 & 36, dug pits 18 x 18 x 12 ins. in each. Sec. 5 1/2 ft. dia. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S. E. pit thrown a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked T. 12 S., S. 36 on N. E. R. 23 E. S. 1 on S. E. T. 13 S., S. 2 on S. W. and S. 35 on N. W. face.

5 mch. on W and 1 total on E edges

Surface level  
Soil Rate

Good grazing.  
I carefully examine the adjustments of my solar transit today particularly the latitude and reversing apparatus and find them correct—

N. bdy. 113 S., R. 23 E.

N 89° 57' W. on a true line  
Bet. Secs 2 and 35  
Cra 13200' E.

40.00

Deposited a 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 stone 54 feet dist. and raised a mound of earth 1 1/2 ft. high 54 ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked  $\frac{1}{4}$  S. on W. face.

79.40  
80.00

Road bnd. W. R. 23 E.

Deposited a marked stone 12 ins. in the ground for  $\frac{1}{4}$  Cor. to Secs 2, 3, 34 & 35 dug pits 18 x 18 x 12 ins. in each Sec. 54 ft. dist. and raised a mound of earth 2 ft. high 54 ft. base over it. In S E pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T. 12 S. S. 35 on N.E. R. 23 E. 2 on S.E.T. 13. N. S. 3 on S. W. and S. 3 X on N. W. faces, with 4 notches on W and 2 notches on E edges.

Surface level -  
Soil 1<sup>st</sup> rate -  
Good grass -

N. bdy. T. 13 N., R. 23 E.

N.  $89^{\circ} 57' W$  on a true line  
 Bet. Secs. 3 and 34  
 Va  $13^{\circ} 00' E$ .

40.00

Deposited a 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 stone  $5\frac{1}{2}$  feet dist. and raised a mound of earth 14 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 2 on N. face.

80.00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs. 3, 4, 33 & 34 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 ft. base over it. In S. E. pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked 2, 12 S. 34 on N. E. E. 236 S 3 on S. E. T. 13 S. S. 4 on S. W. and S. 33 on N. W. faces, with 3 notch on W and 3 notch on E edges.

Surface level.  
 Soil 25 rods,  
 Good grass.

N. bdy. S. 13 S. R 23 E.

N 89° 57' W. on a true line  
Bet. Secs 4 and 33  
Va 13°-00' E.

40.00

Deposited a marked stone 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W of stone 5 1/2 feet dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. put down a stake 2 ft. long 2 ins. sq. 12 ins. in the ground marked 1/4 S. on N. face.

68.00

Point of Mt. ridge. Ascents to the South.

80.00

Deposited a marked stone 12 ins. in the ground for Cor. to Secs 4, 5, 32 & 33, 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 over it. In S. E. put down a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked T 12 S S. 33 on N. E. S. 23 E S 4 on S. E. T. 12 S S 6 on S. W. and S. 32 on N. W. faces. with 2 notches on W and 4 notches on E edges.

Land level

Soil 2 Erode - Good grass

N. bdy. J. 13 S. R 23 E.

N 89°-59' W. on a true  
line Bet Dies 5 and 32  
Va. 13°-00' E

32.60 Dry Wash & silts with Co. N.E.

40.00 Set a granite stone 16X10X8  
ins. 10 ins. in the ground for the  
1/4 sec. cor. Marked 1/4 on N  
face and raised a mound  
of stone alongside. Pits  
impracticable

80.00 Set a granite stone 14X10X8  
ins. 10 ins in the ground for the  
Cor to Secs. 5, 6. 3/4 S 32  
marked with 1 notch on N  
and 5 notches on E. edges  
and raised a mound of  
stone alongside. Pits  
impracticable.

Surface Rolling.

Soil 25 var.

Good Grazing.

N. bdy. T. 13 S., R. 20 E.

N 89° 57' W. on a true line  
Bet. Sec 6 and 31  
Va. 13° 00' E.

Begin ascent of Mts.

4000

Set a Malpais stone 14 x 12  
x 8 ins. 10 ins. in the ground for  
1/4 sec. cor marked 1/4 on N.  
face and raised a mound  
of stone alongside. Pits  
impracticable.

4300

Top of Mt. bro N.E. & S.W.  
Descent

5100

Dry wash 50 lbs wide Co. N.E.,  
Descent Mt.

7900 The cor to Tps 12 & 13 S., R. 22 & 23 E.

Land Mountainous  
Soil 3<sup>d</sup> rate

Grazing fair

June 2<sup>d</sup>, 1884

50  
 71. bdy. T. 12 S. R. 22 E.

From the cor to Tps 11 & 12 S,  
 R. 22 & 23 E. which is a  
 post properly marked with  
 pits and mound of earth  
 about post I run West  
 on a true line

But Decs. 1 and 36  
 Va 13° 05' E.

In valley

4000

Set a granite stone 14X10X6  
 ins. 10 ins in the ground for the  
 base cor. marked 1/2 on W.  
 face and raised a mound  
 of stone along side. Pits  
 impracticable.

8000

Set a granite stone 8X12X6 ins  
 12 ins in the ground for cor to  
 Decs 1, 2, 35 & 36 marked with  
 1 notch on E. and 5 notches  
 on W. edges and raised  
 a mound of stone

N. bdy. T 12 S. R. 22 E.

alongside. Pits impracticable  
Surface level.  
Soil 25 rate.  
Good grazing.

Wrest on a true line  
Bet. Secs 2 and 35  
Va 132-00' E.

40.00

Deposited a marked stone 12 ins. in the  
ground for  $\frac{1}{4}$  Sec. Cor. dug pits 18 x 18 x 12 ins.  
E. and N. of stone  $5\frac{1}{2}$  ft. apart and raised  
a mound of earth 15 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  $\frac{1}{4}$  S. on N.  
face.

47.44

Dry wash 150 lbs. wide, Course  
N.E. scattering oak along  
the wash -

80.00

Set a post 4 ft. long 4 ins. square, with marked  
stone, 12 ins. in the ground for Cor. to Secs.  
2, 3, 4 and 35 marked T 11 S S. 35 on  
R. E. R. 22 E. S. 20 on S. E. T 12 S. S. 3 on



N. bdy. I. 12 S. N. 22 E.

S. W. and S. 34 on N. W. face with 4 notches  
 on W and 2 notches on E. adjacent  
 pits 18 x 18 & 12 ins. in diam. Set. 5 ft. high  
 and marked on the top of north 2 ft. high 2 ft  
 high. around post.

Surface level  
 Soil 2 or 3 ft  
 Good grazing

West on a true line  
 Bet. Ques 3<sup>rd</sup> and 34  
 Va 13°-00' E

3.00 Enter Mountains

24.00 Dry wash 20 lbs wide Co. N. E.  
 ascend

4.00 Set a malpais stone 16x12  
 x 7 ins, marked 1/4 on N. face,  
 in a mound of stone on  
 high ledge of mt. from which  
 a Black Oak 10 ins dia. has,  
 N. 40° W. 34 lbs. dist marked  
 1/4 S. B. J.

N. by. J. 12 S., R. 22 E.

- 4800 Top of Mt. ridge hrs. N. & S.  
descend
- 5350 Dry wash 15 lks. wide Co. South
- 7000 Center oak timber hrs N.E. & S.W.
- 7220 Creek 10 lks wide Co. N. E.  
Ascend
- 7600 Beave timber hrs N.E. & S.W.
- 8000 Put a sand stone 18x7x5 ins  
12 ins in the ground for Cor. to  
Dico 3.4, 33434 marked  
with 3 notches on E. & W.  
edges and raised a mound  
of stone alongside. Pits  
impracticable
- Subsee mountainous
- Soil 4<sup>th</sup> rate
- Fair Grazing
- Oak timber along creeks  
and canons -

N. by. 117 S.; R 22 E.

W. on a true line

Bet. Secs. 4 & 33

13° 00' E.

Ascending Mt.

40.00 Set a trapstone 20 x 12  
x 5 ins in the ground  
for Sec. cor. marked 44  
on N. face and raised a  
mound of stone alongside  
Pits impracticable.

41.00 Dry wash 10 lks wide -  
Course N. E.

80.00 Set a faultstone 12 x 10 x 9 ins  
8 ins in the ground for Cor. to  
Secs. 4, 5, 32 & 33 marked  
with 4 notches on E. and  
2 notches on N. edges  
and raised a mound of  
stone alongside Pits  
impracticable -  
Surface Mountains

N. by. 112 S., N. 22 E.

Soil 3' or more.  
Good grazing.  
Scattering oak.

When a true line  
Bet. Decs 5 and 32  
N 13°-00' E.

Ascending broken Mt.  
side -

5.50 dry wash 30 dba wide Co. North  
16.80 Creek 10 dba wide Co. N. E.

Thin water. Sycamore, walnut  
and oak timber along creek

4.00 Set a Malpais stone 15 x 12  
x 7 ins, 10 ins in the ground for  
1/4 sec. cor. marked 1/4 on N.  
face and raised a mound of  
stones along side. Pits of  
impracticable

69.00 Top of Mt. bns. N. & S.  
Descend

N. bdy. T. 12 S., R 22 E.

8000 Set a Malpais stone 18x12x10  
 ins 12 ins in the ground for Cor.  
 to Decs. 5, 6, 31 and 32 marked  
 with 1 notch on N. and 5 notches  
 on E. edges and raised a  
 mound of stone along side  
 Pit's impracticable  
 Surface - Mountainous  
 Soil - 4<sup>th</sup> rate  
 Grass fair  
 Oak along creeks & washes

N. on a true line  
 Bet Decs 6<sup>th</sup> & 31  
 Va 13-00 E.

Descending

4000 Set a Malpais stone 16  
 x11x8 ins 10 ins in the ground  
 for 4 sec. cor. marked N on  
 N. face and raised a mound  
 of stone along side. Pit's

N. bdy. T 12 S., R 22 E.

impracticable

40.60

Dry wash 10 skowide Co. MN.

18.20

Set a <sup>wood</sup> Malpais stone 18x15

x12 ins 12 ins in the ground

for Cor. to Tps 11 & 12 S., R.

21 & 22 E. marked with

6 notches on each edge and

raised a mound of stone

along side. Pits Impracticable

Surface Mountainous.

Soil 3<sup>d</sup> rate.

Grazing fair

Scattering oak and juniper.

This Imp. Cor. is on top of mt

bring nearly N. & S.

June 3<sup>d</sup> 1884

I carefully examined the adjustments  
of my solar transit today - June 3<sup>d</sup> -  
particularly the latitude & reversing  
apparatus and find them correct.

U. bdy. T. 11 S. R. 22 E.

From the cor to Tps 11 & 12 S.  
R's. 21 & 22 E. just established  
by me & run

North bet. Secs. 31<sup>25</sup> & 36  
Va 13°-00' E.

Along top of mt

24.00 Descend along N. E. slope  
38.50 Dry wash 10 lks wide Co. E.  
40.00 Set a Malpais stone 12x8  
x7 ins & in the ground for  
sec. cor. marked N on N. face  
and raised a mound of  
stone alongside. Pits imprac-  
ticable.

81.00 Set a Malpais stone 18x14x10 in  
12 ins in the ground for Cor  
to Secs. 25, 30, 31<sup>25</sup> & 36 marked  
with 1 notch on S and 5 notches  
on N. edges and raised  
a mound of stone alongside

W. bdy. T. 11 S., R. 22 E.

Pits impracticable.  
Surface Mountainous  
Soil 3<sup>d</sup> rate  
Good grazing-

North bet Secs 25<sup>th</sup> & 30  
Ta 13000' E.

3400

Along E. slope of Mt  
Foot and ascend N.E. slope

4000

Set a Malpais stone 18x12  
x9 ins 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

4700

Top of Mt. brs. S.W. descend  
N. end-

5000

Set a Malpais stone  
18x7x7 ins, 17 ins. in the  
ground for the cor to  
Secs. 19, 24, 25 & 30 marked



W. bdy. J. H. S., R 22 E.

with 2 notches on S. and  
4 notches on N. edges  
and raised a mound of  
stone alongside. Pits imprac-  
ticable.

Surface mountainous

Soil - 2d rate

Good grazing

North bet. Secs 19 & 24

Ta 13°-00' E.

Descending

4.50 Dry Wash 150 lbs. wide Co. W. N.

Ascend Mt ridge sloping  
to W.

1.750 Dry wash 40 lbs wide Co. W.

4.000 Set a Moepais stone 18X1X  
X 9 ins. 12 ins. in the ground for  
1/4 sec. cor. marked X on  
W. face and raised a  
mound of stone alongside.

U. S. G. S. A. 22 E.

Pit is impracticable -

5000 Dry wash 16 blocks wide Co. 7 N.

7200 Dry wash 16 blocks wide Co. N. 10° E.

8000 Cut a malpais stone 18  
X 16 X 10 ins 12 ins 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.

Pit is impracticable

Surface Mountains

Soil 3<sup>d</sup> rate

Grazing fair

Scattering oak and walnut  
along washes.

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

W. bdy. I. H. S., R. 22 E.

North bet. Decs 13<sup>and</sup> 18  
Va 13°-00' E.

21.50 Dry wash 120 lks wide Co. N. E.

30.50 Dry wash 40 lks. wide Co. N. E.

Racun d Mt.

40.00 Set a Malpais stone 14x10x7  
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 along  
side. Pits impracticable.

53.00 Top of Mt. bro. N 10° E - Thence  
along western slope

80.00 Set a Malpais stone 12x10x8  
ins. 8 ins. in the ground for Cor.  
to Decs. 9, 12, 13 & 18 marked  
with 4 notches on S. and 2  
notches on W. edges and raised  
a mound of stone along side  
Pits impracticable - At the head  
of a rocky gulch -  
Barfnel Mountains

U. S. G. S., R. 22 E.

Soil 3<sup>rd</sup> rate,  
Good grazing,  
No timber.

North bet. Secs. 7 & 12

Va 18° 00' E.

Ascend S.W. slope of Mt ridge  
from Cor.

1000 Top Mt. ridge bet. E. & W.  
Descend

40.00 Set a Malpais stone 16x6x5  
10 ins in the ground for 4 sec.  
cor. marked X on W. face  
and raised a mound of  
stone alongside. Pile  
impracticable.

54.00 Dry Wash 20 yds. wide  
Course, N. E. Ascend

80.00 Set a malpais stone 16x10  
x8 ins 10 ins in the ground for

W. bdy. T. 11 S., R. 22 E.

Cor. to Secs. 1, 6, 7 & 12, marked  
with 5 notches on N. and 1  
notch on W. edges and raised  
a mound of stone alongside.

Pits impracticable -  
Surface Mountainous -

Soil 3<sup>d</sup> rate -  
Grazing fair -  
No timber -

North bet. Secs 1 and 6

Va 13°-00' E.

Ascending over Mt ridges

40.00

Set a malpais stone 12x8x6  
in 8 in in the ground for the  
1/4 sec. cor. marked 1/4 on W.

face and raised a mound of stone  
alongside. Pits impracticable -

80.40

Intersect 2<sup>d</sup> Standard  
Parallel South 20.14 chs.

W. bdy. T. 11 S., R. 22 E

west of Stand Cor. to Tpo.  
10 S. R. 21 and 22 E. which is  
a post properly marked  
set in a mound of stone  
in good condition -

Set a Malpais stone 18x10x6  
ins. 12 ins in the ground for  
closing cor. to Tpo 11 S., R 219  
22 E. marked C.C. with 6 notches  
on S. E. & S W. edges and raised  
a mound of stone along side  
Pit's impracticable -

Surface mountainous -

Soil 3d rate -

Good grazing -

No timber -

June 4<sup>th</sup> 1884

## U. S. Surveyor General's Office,

Tucson, Arizona, Aug. 8, 1884.

The foregoing Field Notes of the Survey of the  
 Exterior Boundaries of Tps.  
 12, 13, 14 & 15 South, Range 23 E,  
 Tps. 11 South Range 22 E, and the  
 North Bas. of Tps. 13 & 14 S. Range 23 E,  
 and Tps. 12 12 S. R. 22 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
 ted by R. L. Powers

Deputy Surveyor, under his contract of the 23<sup>rd</sup>  
 day of August, 1883, having been

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

Royal A. Johnson  
 Surveyor General.