

No. 768

BOOK 768

Field Notes

of the

Re-survey ^{and} correction
of the
Subdivision lines
of
Township 12 South
Range 27 East.

Gila and Salt River Base and Meridian

ARIZONA.

No. 768

By *Lewis Wolfley* D.S.

Under authority dated *March 5 1886.*

Survey commenced *May 18 - 1886.*

Survey completed *May 20 1886.*

897
768

We Chas. Lundy, W. W. Walker

and Sidney Thomas

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

Flagman

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 Subdivision lines

of Tps. 9, 10, 11 & 12 S. R. 27 and 28 E.
and Tps. 17 and 12 S. R.
29 and 30 E.

of the principal base and meridian in the Territory of Arizona.

Chas. Lundy,

W. W. Walker

Sidney Thomas

Subscribed and sworn to before me this 7th

day of January 1885

B. J. Patterson

Notary Public

Preliminary Oaths of Assistants.

We Samuel A. Ten Pitt
 and Joseph U. Sundry
 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 dis-
 tance 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
Subdivisional lines of Tps. 9, 10, 11 and
12 S. R. 27 and 28 E. and Tps. 11 & 12 S.
R. 29 and 30 E.

of the principal base and meridian in the Territory of Arizona.

Samuel A. Ten Pitt Chainman.

Joseph U. Sundry Chainman.

Subscribed and sworn before me, this 7th

day of January 1885

R. J. Patterson
 Notary Public.

We Joseph F. Davis, Charles M. Waly,
Nicholas F. Powers and John A. Curtis
do solemnly swear that we will well and truly perform the
the duties of Assessors and
Commissioners

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 Subdivision lines
of Tps. 9, 10, 11 and 12 S. R's. 27 and 28 E.
Tps. 11 and 12 S. R's. 29 and 30 E.

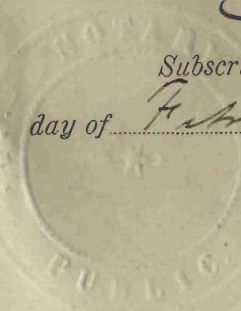
of the principal base and meridian in the Territory of Arizona.

Joseph F. Davis
Charles M. Waly
Nicholas F. Powers
John A. Curtis

Subscribed and sworn to before me this 2nd

day of February 1885

R. J. Patterson
Notary Public



Preliminary Oaths of Assistants.

We John F. Barnes
 and Arthur A. Jaques
 do solemnly swear that we will well and faithfully ex-
 ecute the duties of Chain Carriers; that we will level the chain
 on even and uneven ground, and plumb the tally pins, either
 sticking or dropping the same; that we will report the true
 distance to all notable objects, and the true length of all lines
 we assist in measuring, to the best of our skill and ability
 in accordance with instructions given us in the survey of
Subdivision of Tps. 9, 10, 11 & 12
R. 27 & 28 E. Tps. 11 & 12 S. R. 2
and 30 E.

of the principal base and meridian in the Territory of

John F. Barnes
Arthur A. Jaques

Subscribed and sworn before me, this...

day of February 1885

H. S. Patton

Notary



John F. Barnes
Arthur A. Jaques

No. 768

The instrument used in surveying Tps. 11 & 12 S. R. 27 & 28 E. was a Patent Solar transit made by W & L E. Gurley of Troy N. Y. and carefully tested on the meridian at Tucson.

In the other Tps. a Solar transit with telescope attachment made by W & L E. Gurley was used

BOOK 768

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Township 12 S., Range 27 E.

Gila and Salt River Meridian.

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Referring the lines to the pages of the field notes.

Preliminary Oaths of Assistants.

Lewis Wolfley
U.S. Deputy Sur

We L.H. Manning
and Jno a Donovan

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

Cor-
rection Work in Tps. 12 S.
Rs 27 + 28 E. as called for
in the notes and plats of
Ex. Lechurs reports + from Copies
forwarded me - Territory of Arizona.

L.H. Manning Chainman.
Jno a Donovan Chainman.

Subscribed and sworn to before me, this 15th

day of May 1886

Lewis Wolfley
Notary Public.



We *M. E. Kinchala* and
Thomas Rosser

do solemnly swear that we will well and truly perform the
duties of *Chairman* and
Recorder

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 *Corrections work*
in *Tps 12 S. Rs. 27 + 28 E.*
as called for in the notes
and plats of *Ex. Schuer's*
Report.

Territory of Arizona.

M. E. Kinchala

Thomas Rosser

Subscribed and sworn to before me this *15*
day of *May* 188*6*

Lewis Wolfley

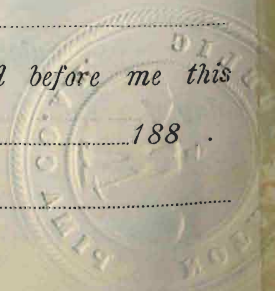
Notary Public.

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

.....
Sworn to and subscribed before me this.....
..... day of 188

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

.....
Sworn to and subscribed before me this.....
..... day of 188



T12 S. R 27E.

chains

Beginning at the cor to
Secs 12, 35 & 36, on S. lay
of T12 S. R. 27E. which
is a mound of earth
and pits. In S.E. put
a stake marked,

T12 S. S36 on S.E.
R27E. S1 on S.E.

T13 S. S2 on S.W. and
S35 on S.W. faces with
1 notch on E. and 5 notches
on W. edges.

From North bet
Secs 35 & 36.

Val 2° 25'E

21.27
22.00
40.00

cross S. P. R. R. bears N.W. + S
" Wagon road bears " " "
Deposited a marked

T12 S. R27 E.

chains

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

20.00

Deposited a marked stone 12 ins. in the ground for cor. to Secs 25, 26, 35 & 36. dug pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base over it. In N.E.

T12 S. R27E

Chain

Pin from a stake 2 ft. long 2
ins. sq. 12 ins. in the
ground. marked.

T12 S. S25 on N.E.
R27E. S36 on S.E. S35 on
S.W. and S26 on N.W. fac
with 1 notch on S.E. edge

Surface level.

Soil 1/4 rate
Good grass

East on a random
line bet Secs 25 + 36
N 12° 25' E.

40.00
79.90

Set temporary 1/4 Sec. cor
Intersect the E. bdy. of T12
17 links S. of cor to Secs

T12 S. R 27E.

chains

25, 30, 31 + 36. described in
book No. 3,

Thence I run
S89°53'W. on a true line
bet Secs. 25 + 36. with same Pa.

9.95

Deposited a marked
stone 12 ins. in the
ground for 44 Sec. cor.
dug pit 18x18x12 ins E & W,
of stone 5 1/2 ft. dist. and
raised a mound of
earth 1 1/2 ft. high 3 1/2 ft.
base over the S. E. pit
drove a stake 2 ft. long
2 ins. sq. 12 ins. in the
ground marked 44 S.
on N. face.

9.90

The cor. to Secs. 25, 26, 35 + 36

T12, S, R 27E.

chains.

Surface level
Soil $\frac{1}{4}$ rate
Good grass

North bet Secs 25 + 26.
Va 12° 25' 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 + S. of stone $5\frac{1}{2}$
ft. dist. and raised a
mound of earth $1\frac{1}{2}$ ft.
high $3\frac{1}{2}$ ft. base over W. In
N. pit drove a stake 2 ft
long 2 ins. sq. 12 ins. in the
ground marked $\frac{1}{4}$ S. on W.
face.

T 12 S. R 27 E.

chains
0.00

Deposited a marked stone 12 ins. in the ground for cor. to Secs. 23, 24, 25 & 26. Dug pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base over it. In S.E. pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked.

T 12 S. S 24 on S.E.

R 27 E. S 25 on S.E.

S 26 on S.W. and S 23 on N.W. faces with 2 notches on S. and 1 notch on E. edges.

Surface level
Soil 1 $\frac{1}{2}$ rate.

T12 S. R 27 E.

Chains

Good grassCast on a random line
bet. Secs. 24 & 25.Va $12^{\circ} 25' E$.

40.00 Set temporary $\frac{1}{4}$ Sec. cor.
 80.04 Intersect the E. bdy. of T. 12
 12 links S. of cor. to Secs.
 19, 24, 25 & 30. described in book No.

Thence I run.

S $89^{\circ} 55' W$ on a true line bet.
Secs. 24 & 25, with same M.

40.02 Deposited a marked stone
 12 ins. in the ground for
 $\frac{1}{4}$ Sec. cor. dug pits 18" x 18"
 12 ins. E & W. of stone $5\frac{1}{2}$ ft. dist.
 and raised a mound of

T2 S. R27 E.

Chains

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

0.04

The cor. to Secs. 23, 24, 25 & 26.

Surface level
Soil 2nd rate
Good grass.

North bet Secs 23 + 24
@ $N 12^{\circ} 25' E$.

10.00

Deposited a marked
stone 12 ins. in the
ground for $\frac{1}{4}$ Sec. cor. dug
pits $18 \times 18 \times 12$ ins. N + S of

T12 S. R 27E.

Chains

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

65.00

Descend into flat bears N.E.

80.00

Deposited a marked stone
 2 ins. in the ground for
 cor. to Secs. 13, 14, 23 + 24. dug
 pits $18 \times 18 \times 12$ ins. in each
 Sec. $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth 2 ft.
 high $4\frac{1}{2}$ ft. base over it. In
 S.E. pit. drove a stake 2 ft.
 long 2 ins. sq. 12 ins. in
 the ground marked:

T12 S, R27E.

chains

T12 S. S13 on N.E.
R27E. S24 on S.E.
S23 on S.W.

and S14 on N.W. faces
with 3 notches on S. and 1
notch on E. edges.

Surface level & rolling
Soil 1st rate
Grass good

East on a random line
bet. Secs. 13 & 24,

N41^o25'E.

0.00

0.00

Set temporary 1/4 Sec. cor.
Intersect the E. bay. of
Tn. at cor. to Secs. 13, 18, 19
& 24. described in book no. 3.

D.S.R. 26.

Chain

Fence Run

West. on a true line
bet Secs. 13 & 24. with same
Q.A.

- 40.00 Deposited a marked
stone 12 ins. in the ground
for $\frac{1}{4}$ Sec. cor. dug pits 18
18x12 ins. E & W. of cor. $5\frac{1}{2}$
ft. dist. and raised a
mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft. base over it. In E
pit drove a stake 2 ft. long
2 ins. sq. 12 ins. in the
ground marked $\frac{1}{4}$ S. on N. of
- 60.00 Enter Flat bears N. E & S. W.
- 80.00 The cor. to Secs. 13, 14, 23 & 24
Surface level & rolling
Soil $1\frac{1}{4}$ rate

T 2 S. R 27 E.

Chains

Good grassNorth bet Sec. 13 & 14
Va. 12° 25 E.

13.00

40.00

Cross road bears N. 88° S. W
Set a Malpais stone 12 x 10
x 5 ins. 8 ins. in the
ground for 1/4 Sec. cor.
marked 1/4 on W. face.
dug pits 18 x 18 x 12 ins.N. & S. of stone 5 1/2 ft. dish
and raised a mound
of earth, 1 1/2 ft. high 3 1/2
ft. base alongside.

42.00

50.00

Leave flat bears N. E
Set a Malpais stone
14 x 8 x 6 ins. 9 ins. in

T 12 S. R 27 E.

Chain

the ground for cor to Secs
11, 12, 13 & 14. marked with 4
notches on S. and 1
notch on E. edges, dug pits
18x18x12 ins. in each Sec. 5 1/2
ft. dist. and raised a
mound of earth 2 ft. high
4 1/2 ft. base alongside.

Surface level & rolling
Soil 1 1/4 rate

Good grass

East on a random line
bet. Secs 12 & 13

N 12° 25' E.

40.00

Set temporary 1/4 Sec. cor

80.28

Intersect the E. bay. of the

T2 S. R 27 E.

chains

13 links S. of cor. to Secs.
11, 12, 13 & 14. Described in
book No. 3,

Thence I run
S $89^{\circ} 54' W$. on a true
line bet. Secs. 12 & 13 with
same Vd .

29, 28

40, 14

Enter flat bears N.E.
Set a Malpais stone
 $14 \times 9 \times 8$ ins. 9 ins. in the
ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ on N. face
dug pits $18 \times 18 \times 12$ ins.
E & W. of stone $5\frac{1}{2}$ ft. dist.
and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base alongside.

43, 00

cross road bears N.E. & S.W.

T12 S. R 27E.

Charris

52.28

ascend out of flat bears N

80.28

The cor to Secs. 11, 12, 13 + 14.

Surface level + rolling

Soil 1st + 2nd rate

Good grass

North bet. Secs. 11 + 12

$\text{N} 12^{\circ} 25' \text{E}$.

40.00

Set a Malpais stone 12 x 10
x 6 ins 7 ins. in the ground
for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$
on W. face. dug pit 18 x 18
x 12 ins. N + S. of stone 5 $\frac{1}{2}$
ft. dist. and raised a
mound of earth 1 $\frac{1}{2}$ ft.
high 3 $\frac{1}{2}$ ft. base alongside

T. S. R. 27E.

chains

44.94

70.00

80.00

Cross Dry Wash course E
" " " " "

8 links wide.

Set a Malpais stone
14x8x6 ins. 9 ins. in
the ground for cor to
Secs. 12, 11 & 12 marked
with 5 notches on S. and
1 notch on E. edges.dug pits 18x18x12 ins. in
each sec. 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high 4 1/2 ft. base
alongside.

Surface level

Soil 2nd rate

Good grass

T 12 S. R 27 E.

chain

East on a random line
bet Secs 1 + 12

$\text{Va } 12^{\circ} 25' \text{ E.}$

40.00

Set temporary $\frac{1}{4}$ Sec. cor.

80.20

Intersect the E. ldy. of Tpk
60 links S. of cor. to Secs. 16.
+ 12. described in book No. 3

Fence run

$S 89^{\circ} 34' \text{ W.}$ on a true line
bet Secs 1 + 12 with same Va

2.20

Enter flat bears N. E.

4.20

cross road bears N. W. + S. E.

12.20

ascend out of flat bears
N. E.

40.10

Deposited a marked stone
12 ins. in the ground for
 $\frac{1}{4}$ Sec. cor. dug pits 18 x 18
x 12 ins. E + W. of stone $5\frac{1}{2}$ ft

T12S. R27E.

chains

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

10.20

The cor. to Secs. 1, 2, 4, 12
Surface level & rolling.
Soil 1st to 2nd rate
Good grass

North on a random line bet Secs 1 & 2
N $12^{\circ} 25' E$

10.00

Set temporary $1\frac{1}{4}$ Sec cor.

T12 S, R27E.

Chamis
79.90

Intersect the North bay of
T_p. 70 links W. of cor. to
Secs. 1, 2, 35 & 36, which is a
Post 4 ins. sq. in mound
of earth marked.

T11 S, S36 on N.E.
R27E, S. 1 on S.E.

T12 S S2 on S.W.
and S35 on N.W. faces
with 1 notch on E. and 5
notches on W. edges. futs
of required size.
Thence I run.

S⁰ 30' W. on a true line bet.
Secs. 1 & 2 with same Va.

39.90

Deposited a marked stone
12 ins. in the ground for
1/4 Sec. cor. dug futs 8x10x12

T 12 S, R 27 E.

chains

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

79. 90

The cor. to Secs. 1, 2, 11 + 12

Surface level

Soil 2nd rate

Good grass

~~I carefully examined the
 adjustments of my solar
 transit to day, particularly
 the latitude and reversing~~

T12 S. R 27E

Chains

~~apparatus and found them correct.~~

~~Jan 8th 1885~~

From the cor to Secs 2, 3, 34 + 35 on South ldy. of T12 S. R 27E. which is a mound of earth and put in S.E. with a stake marked

T12 S. S35 on N.E.

R 27E. S2 on S.E.

T13 S. S3 on S.W. and

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

From N. bet Secs

34 + 35

T2 S. R 27 E. 1

Chains

$\alpha 12^{\circ} 25' E$

40.00

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

43.42

cross S. P. R. R. bears S. E + N. W

44.40

" Wagon road. " " "

80.00

Deposited a marked stone 12 ins. in the ground for cor to Secs.

T12 S. R27E.

Chains

26, 27, 34 + 35. dug pits 18x18
 x12 ins. in each Sec. 5 1/2 ft.
 dist. and raised a mound
 of earth 2 ft. high 4 1/2 ft. dia.
 over it. On S.E. pit drove a
 stake 2 ft. long 2 ins. sq.
 12 ins. in the ground
 marked T12 S. S26 on N.E.
 R27E, S35 on S.E., S34 on
 S.W., and S27 on N.W.

face with 1 notch on S.
 and 2 notches on E. edge

Surface level

Soil 2nd rate

Good grass

T 2 S, R 27 E.

Chains

East on a random line
bet Secs 26 + 35,

$\text{Va } 12^{\circ} 25' \text{ E}$

40.00

Set temporary $\frac{1}{4}$ Sec. cor.,

79.82

Intersect the N. S. line 19 links

N. of cor. to Secs. 25, 26, 35 + 36.

Thence I run

$N 89^{\circ} 52' \text{ W.}$ on a true line
bet Secs, 26 + 35 with same Va.

39.91

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

T/2 S. R 27 E.

Chains

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

79.82

The cor to Secs. 26, 27, 34 & 35

Surface level

Soil 2nd rate

Good grass

North lot Secs 26 & 27

Va $12^{\circ} 25' E$.

40.00

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

T12 S. R 27 E.

chains

0.00

0.00

Descend into flat bears N.E.
 Deposited a marked stone
 12 ins. in the ground for
 cor. to Secs. 22, 23, 26 & 27. dug
 pits 18x18x12 ins. in each sec.
 5 1/2 ft. dist. and raised a
 mound of earth 2 ft. high
 4 1/2 ft. base over it. In S.E.
 put a ^{drive} stake 2 ft. long 2
 ins. sq. 12 ins. in the ground
 marked, T12 S. S23 on N.E.,
 R27 E. S26 on S.E. S27 on
 S.W. and S. 22 on N.W.
 faces with 2 notches on
 S & E edges.

Surface level
 Soil 1st/_n to 2nd/_n rate
 Good grass

T12 S. R 27 E.

chains

East on a random line
bet. Secs, 23 + 26

$\text{Val } 12^{\circ} 25' \text{ E.}$

40.00 Set temporary $\frac{1}{4}$ Sec. cor.
79.88 Intersect the N + S. line &
binds N. of cor. to Secs, 23, 24, 25 + 26

Thence I run

$N 89^{\circ} 57' \text{ W.}$ on a true line
bet. Secs, 23 + 26 with same Val.

39.94 Set a Granite stone $14 \times 12 \times 8$ ins 9 ins.
in the ground for $\frac{1}{4}$ Sec. cor. marked
 $\frac{1}{4}$ on N. face. dug pits $18 \times 18 \times 12$ ins
E + W. of stone $5\frac{1}{2}$ ft. dist. and
raised a mound of earth $1\frac{1}{2}$
ft. high $3\frac{1}{2}$ ft. base alongside.

62.00 Enter Flat bears N. E + S. ^{POW} W
79.88 The cor. to Secs, 22, 23, 26 + 27

T.R.S. R 276.

chains

Surface level + rolling
 Soil 2nd/₁₁ rate
 Good grass.

North bet Secs 22 + 23
 $N 12^{\circ} 25' E$.

2.00

35.00

40.00

Cross road bears N. E + S. W
 Leave flat bears N. E.
 Set a Malpais stone 14 x 12
 x 9 ins 8 ins. in the ground
 for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$
 on N. face and raised a
 mound of stone alongside.
 and ascend mountain
 at an angle of 10°
 bears N. E + S. W.

T12 S. R27E.

Chain

80.00

After making the correct allowance. I set a Malpais stone 13x12x11 ins. 7 ins. in the ground for cor. to Secs. 14, 15, 22 + 23, marked with 3 notches on S. and 2 notches on E. edges, and raised a mound of stone alongside.

Surface rough 40 cks.

" Wts " "

Soil 1 $\frac{1}{4}$ " to 4 $\frac{1}{4}$ " rate
Good grass

East on a random line
bet Secs. 14 + 23.

Val 12° 25' E.

T12. S. R 27E.

Chains

40.00

80.16

Set temporary $\frac{1}{4}$ Sec. cor.
Intersect the N + S. line
15 links S. of cor. to Secs,
13, 14, 23 + 24.

Thence I run.

S $89^{\circ}54'$ W. on a true
line bet. Secs. 14 + 23. with
same $\frac{1}{4}$ in.

4.71

Cross road bears N. E. to S. W.

23.16

Leave flat bears N. E.

and ascend mountain

40.08

Set a Malpais stone
 $12 \times 8 \times 8$ ins. 7 ins. in the
ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ on N. face
and raised a mound
of stone alongside.
and ascend slope

T12 S. R. 27E

Chain

at an angle of 18°
 75.16 Top of ridge bears N.W. & S.E.
 80.16 The cor. to Secs. 14, 15, 22 & 23
 Surface mountainous 57 ch
 " rolling 23.16 ch
 Soil $1\frac{1}{4}$ to $4\frac{1}{4}$ rate
 Good grass

North bet Secs 14 & 15
 Va $12^\circ 25'E$.

ascend at an angle of 8°
 3.00 Top of mountain bears
 S.E. & N.W. and descend at
 an angle of 14°
 24.00 Foot of mountain bears
 S.E. & N.W. and ascend at
 an angle of 9°

T. S. R 27E.

Chains

40.00

After making the correct allowance, I set a Malpais stone $12 \times 10 \times 10$ ins. 7 ins. in the ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on W. face and raised a mound of stone alongside, and descend at an angle of 80°

70.00

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

80.00

After making the correct allowance, I set a Malpais stone $10 \times 8 \times 8$ ins. 6 ins. in the ground for cor. to Secs. 10, 11, 14 & 15 - marked with 4 notches on S. and 2 notches on E.

T12 S. R 27 E.

chains

edges. and raised a mound
of stone alongside.Surface mountainous
Soil 4th rate & rockyEast on a random line
bet. Secs. 11 & 14Va $12^{\circ} 25' E$

40.00 Set temporary 14 Sec. cor.

79.84 Intersect the N + S. line 27 links
N. of cor. to Secs. 11, 12, 13 & 14.

Thence run

N $89^{\circ} 48' W$. on a true
line bet. Secs. 11 & 14 with same
Va.39.92 Set a Malpais stone $12 \times 8 \times 7$
viz. 7 in. in the ground

T12 S, R 27 E.

chains

for 1/4 Sec. cor. marked 1/4
on N. face. and dug pits
18x18x12 ins. E & W. of stone
5 1/2 ft. dist. and raised
a mound of earth 1 1/2 ft.
high 3 1/2 ft. base alongside.

79.84.

The cor. to Secs. 10, 11, 14 & 15
Surface level
Soil 3 1/2 rate
Good grass

North bet Secs 10 & 11
W 12° 25' E.

40.00

Set a Malpais stone 12x8x7
ins. 7 ins. in the ground
for 1/4 Sec. cor. marked 1/4 on
W. face. dug pits 18x18x12

T12 S. R 27E.

Chains

in N.E. of stone $5\frac{1}{2}$ ft. dist,
and raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside.

80.00

Set a Galpais stone $12 \times 8 \times 7$
in. $\cdot 7$ in. in the ground for
cor. to Secs. 2, 3, 10 + 11. marked
with 5 notches on S. and 2
notches on E. edges. and
raised a mound of stone
alongside.

Surface level & rolling
Soil $3\frac{1}{4}\%$ rate
Good grass

East on a random line
bet Secs 2 + 11

$\frac{1}{4}$ 12° 25'E.

T12 S. R 27 E,

Chains

40.00

79.78,

Set temporary $\frac{1}{4}$ Sec. cor.
Intersect the N + S. line
14 links N. of cor. to Secs.
10, 11 + 12,

26.78

39.89

Thence from
N $89^{\circ} 54' W$. on a true
line bet. Secs 2 + 11 with same wa.
Cross Dry Wash course S.E.
Set a Malpais stone 10 x 8
x 7 ins. 6 ins. in the ground
for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$
on N. face. dug pits 8 x 8 x
12 ins. E + W. of stone $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base alongside

44.78

cross Dry Wash 10 links
wide course South.

T12 S. R27 E

Chains
79.78

The cor. to Secs. 2, 3, 10 + 11
Surface rolling
Soil 3rd rate
Good grass

^{on a random line}
North bet. Secs. 2 + 3
44 12° 25' E

40.00
79.62

Set temporary 1/4 Sec. cor.
Intersect the N. bdy. of T12
35 links W. of cor. to Secs. 2, 3,
34 + 35, which is a Post 4
ins. sq. in mound of earth
marked. T11 S. S35 on N.E.
R27 E. S2 on S.E.
T12 S. S3 on S.W. and S.
34 on N.W. face with 2
notches on E. and 4 notches

T 72 S. R 27 E.

chains

on W. edges, pits of
required size.

Thence I run
S $0^{\circ}15'W$. on a true
line bet Secs. 2+3. with
same Va.

9.62

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

T2S. R27E.

Chains

71.32 Cross Dry Wash 25 links
Wide course S.E.

79.62 The cor. to Secs. 2, 3, 10 + 11
Surface level & rolling
Soil 2nd $\frac{11}{11}$ rate
Good grass

Jan 9th 1885

From the cor. to Secs. 3, 4, 33 + 34. on S. bay. of T₂S. R27E, which is a malpais rock 7x6 ins. above the ground marked with 3 notches on E & W. edges. pits in each sec. and

42

T12 S. R27E.

chains

mound of earth of
required size.From N. bet
Secs 33 + 34.Va $12^{\circ}25' E$.

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

66.50

Cross S. P. R. R. bears
N.W. & S'E.

T12 S. R 27E.

Chamis

67.67

Cross road bears N.W. + S.E.

80.00

Set a Granite stone 17.10 x 8

ins. 11 ins. in the ground

for cor. to Secs. 27, 28, 33 + 34

marked with 1 notch on S.

and 3 notches on E. edges.

dug pits 18 x 18 x 12 ins. in

each Sec. 5 1/2 ft. dist. and

raised a mound of earth

1 1/2 ft. high 3 1/2 ft. base alongside

Surface level

Soil 2nd rate

Good grass

East on a random line
bet. Secs. 27 + 34.

Q 1/2 25' E.

T12 S. R 27 E,

chains

40.00

40.12

40.08

Set temporary $\frac{1}{4}$ Sec. cor.
 Intersect the N + S line
 26 links N. of cor. to Sec.
 26 27, 34 & 35

Thence from
 N $89^{\circ} 49' W$. on a true
 line bet. Secs. 27 & 34 with
 same $\frac{1}{4}$ Sec. cor.

40.06

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

T 12 S. R 27 E.

Chamis

the ground marked 1/4 S. on N. face.

80.12

The cor. to Secs. 27, 28, 33 & 34.

Surface level
Soil 2nd rate
Good grass

North bet Secs 27 & 28
T 12 S 25 E.

35.00

Descend into flat bears N.E.

40.00

Set a Granite stone 12 x 8 x 6 ins
7 ins. in the ground for 1/4
Sec. cor. marked 1/4 on W. face.
dug pits 18 x 18 x 12 ins. N.W. of
stone 5 1/2 ft. dist. and raised a
mound of earth 1 1/2 ft. high
3 1/2 ft. base alongside.

T12 S. R 27 E.

chains

60.00

80.00

Cross road bears N. & S. W.
 Set a Granite stone 12 x 5
 x 8 ins. 7 ins. in the ground
 for cor. to Secs. 21, 22, 27 & 28.
 marked with 2 notches
 on S. and 3 notches on E.
 edges. dug pits 18 x 18 x 12
 ins. in each Sec. 5 1/2 ft.
 dist. and raised a
 mound of earth 2 ft.
 high 4 1/2 ft. base alongside
 surface rolling
 Soil 1st/₇ to 2nd/₁₁ rate
 Good grass

Cast on a random line
 bet Secs. 22 & 27

T/2 S. R 276.

Chains

74.12025'E.

- 40.00 Set temporary 1/4 Sec. cor.
 79.84 Intersect the N + S line 20 links
 S of cor. to Secs. 22, 23, 26 + 27.

Thence I run

- 31.84 S 89° 57' W. on a true line
 bet. Secs. 22 + 27. with same
 a well south of line 138 link
 dist.

- 39.92 Set a Malpais stone 12 x 8 x 6
 ins. 7 ins. in the ground
 for 1/4 Sec. cor. marked 1/4 on
 N. face dug pits 18 x 18 x 12
 ins. E + W. of stone 5 1/2 ft. dis
 and raised a mound of
 earth 1 1/2 ft. high 3 1/2 ft. base
 alongside.

T12 S. R 27 E.

chains

47.54

Griffith and White's
horse bears south of
line 180 links, dist.

53.24

cross road bears
N.E. + S.W.

79.84

The cor. to Secs. 21, 22, 27 + 28

Surface level + rolling
Soil 1st rate

Good grass

North bet. Secs. 21 + 22

on a 120 25 E.

61.00

Leave flat bears N.E.

40.00

Set a Malpais stone 12 x 8
x 8 ins. 7 ins. in the ground
for 1/4 Sec. Cor. marked 1/4
on W. face dug pits 18 x 18

T12 S. R 27E.

Chain

x12 ins. N & S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside.

59.70 Cross Dry Wash 12 links
Wide Course S.E.

80.00 Deposited a marked stone 12 ins. in the ground for cor. to Secs. 15, 16, 21 & 22, dug pit $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base over it. In S.E. pit drove a stake 2 ins. sq. 2 ft. long 12 ins. in the ground marked.
T12 S. S15 on N.E.
R 27E. S22 on S.E.
S21 on S.W. and S16 on N.W.

T12 S. R27 E.

Chains

faces with 3 notches on
E + S. edges.

Surface rolling
Soil 2nd rate
Good grass

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

$\varphi = 12^{\circ} 25' E$

40.00

79.90

Set temporary $1/4$ Sec. cor.
Intersect the N + S. line
32 links S. of cor. to Secs.
14, 15, 22 + 23.

Hence, I am
 $89^{\circ} 46' W.$ on true line bet.
Secs. 15 + 22 with same φ .
and descend slope at

TLS, R27C.

- 39.95 on angle of 7°
 After making the correct allowance. I set a Malpais stone $13 \times 9 \times 7$ ins. 8 ins. in the ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone alongside.
- 79.90 The cor. to Secs. 15, 16, 21 & 22
 Surface rolling 40 chs.
 " Mountainous 39.90 chs.
 Soil 4th rate
 Good grass

North bet Secs 15 & 16
 $\text{Va } 12^{\circ} 25' \text{ E.}$
 Ascend mountain

52

D12 S. R27E.

chains

40.00

Set a Malpais stone 12x10
x 8 ins. 7 ins. in the ground
for 1/4 Sec. Cor. marked 1/4
on W. face and raised a
mound of stone alongside.

47.00

Top of W. point of Mt. of
Cross gulch 25 links

51.20

Wide course S.W. and
ascend mountain at
an angle of 13°

71.50

Top of mountain bears
N.W. & S.E. and descend
at an angle of 15°

80.00

After making the correct
allowance. I set a Malpais
stone 16x12x8 ins. 10 ins.
in the ground for cor.
to Secs. 9, 10, 15 & 16

T12 S. R 27 E.

Chains

marked with 4 notches on
S. and 3 notches on E. edges
and raised mound of stone
alongside.

Surface mountainous 33 chs.

" rolling 47 chs.

Soil 4th rate

Grass fair

East on a random line
bet. Secs. 10 + 15.

$\theta 12^{\circ} 25' E.$

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

80.20 Intersect the N + S. line 21
links S. of cor. to Secs. 10, 11, 14
& 15.

Hence from

T12 S. R 27 E.

chains

S89° 51' W. on a true
line bet. Secs. 10 + 15
with same Va.

40.10

Set a Malpais stone
12 x 12 x 9 ins. 7 ins. in
the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ on N. face
and raised a mound of
stone alongside.

62.20

ascend slope at an
angle of 16° bears N.W. + S.E.

80.20

The cor. to Secs. 9, 10, 15 + 16

Surface Mountainous 18 chs.

" rolling 62 chs.

Soil 4th rate

T12 S. R 27E,

Chain

North bet. Secs. 9 & 10
Va 12° 25' E.ascend slope at an angle
of 6°

11.00

Top of East end of mountain
and descend.

30.00

Foot of mountain bears
S.E. + N.W.

40.00

After making the correct
allowance I set a Malpais stone
16x10x8 ins. 10 ins. in the
ground for 1/4 sec. cor marked
1/4 on W. face and raised a
mound of stone alongside.

80.00

Set a Malpais stone 16x10x8
ins. 10 ins. in the ground
for cor. to Secs. 3, 4, 9 & 10
marked with 5 notches on S

T12 S. R 27 E,

chains

and 3 notches on E.
edges. and raised a
mound of stone along side
Surface Mountainous 30 ch.
" rolling 50 "
Soil 4th rate
Grass fair

East on a random line
bet Secs 3 & 10

$\text{Va } 12^{\circ} 25' \text{ E}$

40.00

80.00

Set temporary $1/4$ Sec. cor
Intersect the N & S. line
at cor. to Secs. 23, 10 & 11.

Thence I run

N. on a true line bet. Secs
3 & 10 with same Va .

T12 S. R 27E.

Chain

24.55

cross Dry Wash 20 links wide
course S.E.

33.20

cross Dry Wash 15 links
wide course S.E.

35.70

cross Dry Wash 15 links
wide course N.W.

36.40

cross Dry Wash 15 links
wide course S.E.

40.00

Set a Malpais stone 16 x 14
ins. 11 ins. in the ground
for "4 Sec. cor. marked "4
on N. face and raised a
mound of stone along side

80.00

The cor. to Secs. 3, 4, 9 & 10

Soil 2nd to 3rd rate

Good grass

Surface level

T12 S. R27E.

Chains

North on a random
line bet. Secs 3 & 4
of $12^{\circ}25'E$.

40.00
79.81

Set temporary $\frac{1}{4}$ Sec. cor.
Intersect the N. bery.
of T₁ 26 links N. of
cor. to Secs. 3, 4, 33 & 34
which is a Post 4 in.
sq. in mound of earth
marked.

T11 S. S34 on N.E.

R27E. S3 on S.E.

T12 S. S4 on S.W.
and S33 on N.W.
faces with 3 notches
on E & W. edges. pits
of required size.

T12 S. R 276.

chains

Thence from

S0° 11' N. on a true line bet.
Secs. 3 & 4 with same Va.

39.81 Set a Malpais stone 12 x 10
x 8 ins. 6 ins. in the ground
for 1/4 Sec. cor. marked 1/4 on
W. face. and raised a
mound of stone alongside.

46.57 Cross Dry Wash course
S.E. 30 links wide

49.81 Ascend out of flat bears
S.E.

58.98 Cross Dry Wash 15 links
wide course S.E.

79.81 The cor. to Secs. 3, 4, 9 & 10
Surface level
Soil 2nd rate
Good grass

D 12 S. R 27 E.

chains

I carefully examined
the adjustments of
my solar transit today
particularly the latitude
and reversing apparatus
and found them correct
Jan 10th 1885

T12 S. R27E.

Chains

From the cor. to Secs.
4, 5, 32 & 33 on S. bdy. of T
12 S. R27E. which is a
Post 4 in. sq. in mound
of earth marked T12 S.
S33 on N.E.

R27E. S4 on S.E.

T13 S. S5 on S.W.

S32 on N.W. faces
with 4 notches on E. and
notches on W. edges. full
of required size.

From North
bet. Secs. 32 & 33.

Var. 12° 25' E.

40.00 Set a Granite stone 12 x
in. 7 in. in the ground
for 1/4 Sec. Cor. marked

T12 S. R 276,

Chains

in W. face. dug pits
18x18x12 ins. N + S of stone
5 1/2 ft. dist. and raised
a mound of earth 1 1/2
ft. high 3 1/2 ft. base
alongside.

45.10

Cross Dry Wash 15 links
wide course N.E.

60.00

Enter flat bears N. E + S. W

76.40

Cross S. P. R. R. bears N. W + S. E

80.00

Deposited a marked
stone 12 ins. in the
ground for Cor. to Secs.
28, 29, 32 + 33, dug pits 18x18
x12 ins. in each Sec. 5 1/2
ft. dist. and raised a
mound of earth 2 ft.
high 4 1/2 ft. base over it.

T12 S. R27E.

Chains

In S.E. fut drove a stake
 2 in. sq. 2 ft. long 12 in.
 in the ground marked
 T12 S. S28 on N.E.
 R27E, S33 on S.E. S32 on
 S.W. and S29 on N.W.
 faces with 1 notch on S.
 and 4 notches on E. edges
 Surface level
 Soil 2nd rate
 Good grass

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

N & S 2025 E.

40.00 Set temporary 1/4 Sec. cor.
 80.10 Intersect the N & S. line 15 min.

T12 S. R 27 E,

chains

- N. of cor to Secs. 27, 28, 33 + 34
 Fence Run
 N 89° 54' W. on a true
 line bet. Secs. 28 + 33 with
 same W.
- 32, 10 Enter flat bears N.E
 40.05 Set a Granite stone 14x10
 x 8 ins. 9 ins. in the ground
 for 44 sec. cor. marked 1/4
 on N. face. dug pits 18x10
 x 12 ins. E + W. of stone 54
 ft. dist. and raised a
 mound of earth 1 1/2 ft.
 high 3 1/2 ft. base alongside
- 5-9, 10 Cross road bears N.W.
 + S.E.
- 80, 10 The cor. to Secs, 28, 29, 32 +

T 12 S. R 27 E.

chains

Surface rolling
 Soil 1 $\frac{1}{2}$ % rate
 Good grass

North bet. Secs 28 & 29
 T 12 S. R 27 E.

- 41.78 Cross road bears N.W.
- 34.80 " " " N.E. & x
- 40.00 Set a granite stone 17x12x
 12 in. in the ground
 for 1/4 Sec. Cor. marked 1/4
 on W. face. dug pits 18x18x12.
 N. of stone 5 $\frac{1}{2}$ ft. dist and
 raised a mound of earth 1 $\frac{1}{2}$
 high 3 $\frac{1}{2}$ ft. base alongside
- 46.00 Leave flat. bears N.E.

T12 S. R27E.

chains
0.00

Set a Granite stone $14 \times 14 \times 7$
 ins. \times 9 ins. in the ground
 for Cor. to Secs. 20, 21, 28
 & 29. marked with 2 notch
 on S. and 4 notches on
 E. edges. dug pits 18×18
 $\times 12$ ins. in each Sec. $5\frac{1}{2}$
 ft. dist. and raised a
 mound of earth 2 ft. high
 $4\frac{1}{2}$ ft. lake alongside.

Surface rolling
 Soil 1st & 2nd rate
 Good grass

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

W. 2. 25th E

T12S, R27E,

No. 768

Chains

40.00

Set temporary $\frac{1}{4}$ Sec. cor.

80.12

Intersect the N + S. line 17

links S. of Cor. to Secs. 21, 22, 27 & 28

Hence from

S89° 53' W. on a true line
bet. Secs. 21 & 28. with same Pa.

19.12

Leave flat bears N.E.

40.06

Set a Granite stone 14 x 9 x 7

ins. 9 ins. in the ground

for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on

N. face dug pits 18 x 18 x 12

ins. E & W. of stone $5\frac{1}{2}$ ft.

dist and raised a mound

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

base alongside.

80.12

The cor. to Secs. 20, 21, 28 & 29.

Surface rolling

Roll $\frac{1}{4}$ to 2nd rate

T12 S. R 27E.

hams

poor grass
Dense brush

North bet. Secs. 20+21
Q.A. 12°25'E.

40.00

Set a Granite stone 12x10
x 8 ins. 7 ins. in the ground
for 1/4 Sec. cor. marked 1/4
on W. face dug pit 18
x 18 x 12 ins. N + S. of stone
5 1/2 ft. dia. and raised
a mound of earth 1 1/2
ft. high 3 1/2 ft. base along
side.

13.40

Cross Dry Wash 12 ins
Wide Course E.

T 12 S. R 27 E.

Chains
80.00

Deposited a marked stone
12 ins. in the ground for
cor. to Secs. 16, 17, 20 & 21
dug pits 18x18x12 ins. in
each Sec. 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high 4 1/2 ft. base over it
In S. E. pit drove a stake,
2 ft. long 2 ins. sq. 12 ins.
in the ground marked
T 12 S. S 16 on N. E. R 27 E. S
21 on S. E. S 20 on S. W. and
S 17 on N. W. faces with
3 notches on S. and 4 notches
on E. edges.

Surface rolling
Soil 2nd rate
Scattering Calclaw

T12 S. R 27E.

chains

Cast on a random
line bet. Secs. 16 & 21
at $12^{\circ} 25'$.

10.00

1.16

Set temporary 14 Sec. cor.
Intersect the N. S. line
5 links N. of cor. to Secs.
15, 16, 21 & 22.

Thence from
N $89^{\circ} 58'$ W. on a true
line bet. Secs. 16 & 21 with
same θ .

10.08

Set a Malpais stone 12×9
 $\times 7$ ins. 7 ins. in the
ground for 14 Sec. cor.
marked 14 on N. face
and raised a mound
of stone alongside.

T12 S. R 27E.

Chamiz	
67.36	Cross Dry Wash 20 links Wide course S.
80.16	The cor. to Secs. 16, 17, 20 + 21 Surface rolling Soil 2 nd rate Good grass
	North bet. Secs. 16 + 17 On 12° 25' E.
8.70	Cross Dry Wash course E. 8 links wide.
30.00	Ascend conical hill at an angle of 8°.
40.00	Set a Malpais. stone 12x10x6 ins. 8 ins. in the ground for 1/4 Sec. cor. marked 14 on W. face and raised a mound of stone

T. S. R 276.

chains

- 9.00 alongside
Top of hill and descend
at an angle of 10°
- 0.00 Foot of hill and cross Dry
Wash Course S.E. 12 links
wide
- 0.00 Set a Malpais stone $14 \times 12 \times 8$
ins. 9 ins. in the ground
for cor. Secs. 8, 9, 16 + 17 marked
with 4 notches on S + E edges
and raised a mound of
stone alongside.
- Surface Mountainous 60×60
rough 20.11
Soil 2nd to 4th rate
Grass fair

T12 S. R 27 E.

chain

Cast on a random line
bet Secs 9 & 16

$\text{Ra } 12^{\circ} 25' \text{ E.}$

40.00

Set temporary $\frac{1}{4}$ Sec. cor.

80.24

Intersect the $\text{W. S. line } 30 \text{ links}$
N. of cor. to Secs. 9, 10, 15 & 16.

Hence from.

$\text{A } 89^{\circ} 47' \text{ W.}$ on a true line
bet Secs. 9 & 16 with some W. and
ascend slope at an angle of 20°

8.24

Top of hill bears N. W. S. E.
and descend slope at an
angle of 16°

46.12

After making the correct
allowance. I set a Malpais
stone $15 \times 10 \times 5 \text{ ins.}$, 9 ins. in
the ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ on N. face and

T72 S. R 27 E.

Chains

notches on E. edges,
and raised a mound
of stone alongside.

Surface mountainous
Soil 4th rate
Grass fair

+

+

East on a random
line bet. Secs. 4+9.

$\text{Qa } 12^{\circ} 25' \text{ E}$

40.00

80.22.

Set temporary 1/4 Sec. cor
Intersect the N+S. line 37
links S. of cor. to Secs 3, 4, 9+10

Hence run

$S 89^{\circ} 44' \text{ W.}$ on a true line
bet. Secs. 4+9 with same Qa.

30.22

Foot of mountain bears

Tr. S. R. 27 E.

chains

N. W. & S. E.

40.11 Set a Malpais stone 10x9x7
ins 5 ins. in the ground
for 1/4 Sec. Cor. marked 1/4
on N. face. and raised a
mound of stone alongside.

80.22 The cor. to Secs. 45; 8 & 9
Surface Monotonous 50 ch
" rough 36.22 "
Soil 4th rate
Grass fair

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

N 12° 25' E.

40.00 Set temporary 1/4 Sec. Cor.
79.74 Intersect the N. bay. of Tr.

T12 S. R 27 E.

Chains

4 links E. of cor. to Secs. 4, 5, 32 & 33, which is a Post 4 ins. sq. in mound of earth marked.

T11 S. S33 on N.E.

R 27 E. S4 on S.E.

T12 S. S5 on S.W. and 32 on N.W. faces with 2 notches on W. and 4 notches on E. edges, pits of required size

Hence I run

S0° 2' E. on a true line bet. Secs. 4 & 5, with same 8 in.

39.74

Set a Malpais stone 14x12 x8 ins. 9 ins. in the ground for 4y Sec. Cor. marked 4 on W. face and raised a mound

T12 S. R 27E.

Chains

45.74 of stone alongside
Cross Dry Wash 50 links
Wide course S.E.

79.74 The cor. to Secs. 4, 5, 8 + 9.
Surface mountainous 40 chs

" rough 39.74"

Soil 4th rate

Good grass

Jan 12, 1885

From the Cor. to Secs 5+6
131+32. on S. lay. of T₁₂.
12 S. R 27E. which is a
Granite stone 12x6 ins.
above the ground marked
with 5 notches on E. and 1

T/2 S. R 27 E.

chains

notch on W. edges. and
 pits of required size.
 From N. bet. Secs.
 31 + 32.

$\frac{1}{2} \circ 25' E$;

0.00 a Rock in place 10x10 ins.
 above the ground which
 I marked $\frac{1}{4}$ on W. face
 with a cross (+) at
 exact cor. point for $\frac{1}{4}$ Sec.
 Cor. and raised a mound
 of stone alongside:

45.40 Cross Dry Wash Course NE
 40 links Wide.

0.00 Set a Granite stone 10
 9x8 ins. 9 ins. in the
 ground for Cor. to Secs.
 29, 30, 31 + 32. marked with

T12 S, R 27E.

Chain

1 notch on S. and 5 notches
on E. edges. and raised a
mound of stone alongside.

Surface rolling

Soil 2⁰⁰/₁₀₀ + 3⁰⁰/₁₀₀ rate

Good grass

Cast on a random
line bet. Secs. 29 + 32

Var 12° 25' E

40.00. Set temporary 1/4 Sec. cor.

80.00 Intersect the E + S. line 10

links N. of cor. to Secs. 28, 29,
32 + 33.

Thence from

N 89° 56' W. on a true
line bet. Secs. 29 + 32 with

T12 S, R. 27E,

Chains

- 82.50 Same Sta.
Cross Nilcox road bears
N.E. + S.W.
- 40.07 Set a Granite stone 12x10
x6 ins. 7 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face. dug pits
18x18x12 ins. E + W. of stone
5 1/2 ft. dist. and raised
a mound of earth 1 1/2 ft.
high 3 1/2 ft. base alongside.
- 70.00 Cross Nilcox road to N.W. 1/4 Sec.
- 75.75 Cross O.P. RR to N. 75° W.
- 80.00 The Cor. to Sec. 29. 30. 31 + 32
Soil No 2 rate
Sun well
grass good

T 12 S. R 27 E.

Chains

West on a random
line bet. Secs. 30+31.

$N 91^{\circ} 25' E.$

40.00

77.80

Set temporary $\frac{1}{4}$ Sec. cor.
Intersect the N. ldy. of T₁₂
40 links S. of cor. to Secs.
25+30. 31+36. which is a
mound of earth and pits
In S.E. pit a stake marked
and notches as according
to old instructions.

Thence I run

$S 89^{\circ} 43' E.$ on a true line
bet. Secs. 30+31 with same $\frac{1}{4}$.

37.80

Set a Granite stone $18 \times 10 \times 10$
ins. 11 ins. in the ground
for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on
N. face and raised a

T12 S., R 27 E.

chain

mound of stone along-
side.

58.00

Cross Dry Wash course $\frac{1}{2}$
10 links wide.

72.00

Cross road bears N+S
to Section House about
2 chs. N. of line.

77.80

The cor. to Sec. 2930.3 $\frac{1}{2}$ E.
Surface rolling
Soil 2nd rate
Good grass

North bet. Secs 29+30
Wd 12° 25 E

80.75

Cross S.P.R.R. bears N.W
+ S.E

84.25

Cross road bears N. W+S.E

T12 S. R 27E.

Chains

23.80

Cross road bears E & W.

28.00

Leave flat " N.E.

40.00

Deposited a marked stone
12 ins. in the ground for
1/4 Sec. cor. dug futs 18x18x
12 ins. N & S. of stone 5 1/2 ft.
ditch and raised a mound
of earth 1 1/2 ft. high 3 1/2 ft.
base over it In N. fut
drove a stake 2 ft. long 2
in. sq. 12 ins. in the ground
marked 1/4 S. on W. face.

50.00

Set a Granite stone 14x8x6 ins 8 ins.
in the ground for cor. to Secs.
19, 20. 29 & 30, marked with
2 notches on S, and 5 notches
on E. edges. dug futs 18x18x12
ins. in each Sec. 5 1/2 ft. ditch

T12 S. R 27 E.

chains

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

Surface rolling
Soil 1/4 to 3/4 rate

Good grass

East on a random
line bet. Secs. 20 + 29

$\text{N} 91^{\circ} 29' \text{E}$

40.00

50.16

Set temporary 1/4 Sec. cor.

Intersect the N. S. line
18 links S. of Cor. to Secs.

20.21, 28 + 29.

Thence from

$\text{S} 89^{\circ} 52' \text{W}$, on a true
line bet. Secs. 20 + 29.

with same var.

T12 S. R27E.

chains

- 10.08 Set a Malpais stone 15x
10x9 ins. 9 ins. in the ground
for $\frac{1}{4}$ Sec. Cor. marked 14 on
N. face. and raised a
mound of stone alongside
- 20.16 The cor. to Secs. 19, 20, 29 & 30
Surface rolling
Soil 2nd to 3rd rate
Good grass.
-

West on a random
line bet. Secs. 19 & 30
N $120^{\circ} 25' E$.

- 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
- 78.08 Intersect the W. ldy. of
T₁₂ S. 14 links N. of cor. to Secs.
19, 24, 25 & 30. which is a

T12 S. R 27 E.

chains

Granite stone 10x5 ins.
above the ground
properly marked with
mound of stone along-
side,

Thence from
N 89° 57' E. on a true
line bet. Secs. 19 & 30. with
same Pa.

S. 08 Set a Malpais stone 13x10
x7 ins. 7 ins. in the
ground for $\frac{1}{4}$ Sec. cor.
marked $\frac{1}{4}$ on N. face and
raised a mound of stone
alongside.

78. 08 The cor. to Secs. 19, 20, 29 & 30.
Surface rolling
Soil 3 $\frac{1}{2}$ rate

T12 S, R27E.

Chains

Good grass

North bet. Secs. 19 + 20
W 12° 25' E

- 40.00 Set a Malpais stone 12 x 8 x 6 ins. 7 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face. and raised a mound of stone alongside.
- 57.850 Cross Dry Wash 12 links Wide course S.E.
- 62.80 Cross Dry Wash 15 links Wide course S.E.
- 80.00 Deposited a marked stone 12 ins. in the ^{ground} for Cor. to Secs. 17, 18, 19 + 20. dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and

T72 S. R 27 E,

Chain

raised a mound of earth 2 ft. high with ft. base over it. In S.E. pit drove a stake 2 ins. sq. 2 ft. long, 12 ins. in the ground marked T72 S. S17 on N.E. R27E. S20 on S.E., S19 on S.W. and S18 on N.W. face with 3 notches on S. and 5 notches on E. edges.

Surface rolling

Soil 2nd rateGood grass

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

Va 120 25 E.

T 12 S. R 27 E.

Chain

- 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
- 80.30 Intersect the N & S line 29 links
S. of cor. to Secs. 16, 17, 20 & 21.
- Fence Run
- S 89° 48' W. on a true line
bet. Secs. 17 & 20 with same Va.
- 40.15 Deposited a marked stone
12 ins. in the ground for $\frac{1}{4}$
Sec. cor. dug pits 18 x 18 x 12 ins.
E & W. of stone 5 $\frac{1}{2}$ ft. dist.
and raised a mound of
earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ base
over it. On E. pit drove a
stake 2 ft. long 2 ins. sq. 12
ins. in the ground marked
1/4 S. on N. face.
- 80.30 The cor. to Secs. 17, 18, 19 & 20
Surface rolling

92

T/2 S. R 27E.

chains

Soil 2nd rate
Good grass

West on a random
line bet. Secs. 18 + 19

Va 12° 25' E

40.00
17.94

Set temporary 1/4 Sec. cor.
Intersect the W. bdy. of
T_p. 10 links S. of Cor. to
Secs. 13, 18, 19 + 24, which is
a granite stone 8 x 6
ins. above the ground
properly marked and
mound of earth alongside.

Hence run

S 89° 56' E. on a true line
bet. Secs. 18 + 19 with same 99,

T12 S. R27E.

Charris

- 37.94 Deposited a marked stone
12 ins. in the ground for
1/4 Sec. cor. dug pits 18x18x
12 ins. E + W. of stone 5 1/2 ft.
dist. and raised a mound
of earth 1 1/2 ft. high 3 1/2 ft.
base over it. In E. pit
drove a stake 2 ft. long 2
in. sq. 12 ins. in the ground
marked 1/4 S. on N. face.
- 45.94 Cross Dry Wash course S.E.
15 links Wide.
- 65.56 Cross Dry Wash course S.E.
15 links Wide.
- 77.94 The cor. to Secs. 17, 18, 19 + 20.
Surface rolling
Soil 2nd rate
Good grass

T12 S. R 27 E.

chain

North bet. Secs. 17 & 18
T12 S. R 27 E.

40.00

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

80.00

Deposited a marked
stone 12 ins. in the ground
for cor. to Secs 7, 8, 17 & 18
dug pits 18x18x12 ins.

T12 S. R27E.

chain

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

T12 S. S8 on N.E.

R27E. S17 on S.E.

S18 on S.W. and S. 7 on N.W. faces. with 4 notches on S. and 5 notches on E. edges

Surface rolling

Soil 2nd rate

Good grass

Cast on a random line bet. Secs. 8 & 17.

T12 S. R 27 E.

Chains

7, 12, 13, + 18, which is a Granite stone 10x7 ins. above the ground, properly marked and mound of stone alongside.

Thence I run

S 89° 57' E. on a true line bet. Secs. 7 + 18, with same 90.

37.50

Set a Malpais stone 12x8 x 8 ins. 7 ins. in the ground for 14 Sec. cor. marked 1/4 on N. face. dug pits 18x18x12 ins E + W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside.

54.00

cross Dry Wash course S.E 10 links wide.

T12 S. R27E.

Chains
77.50

The cor. to Secs. 7, 8, 17 + 18,
 Surface rough
 Soil 3rd rate
 Good Grass

North bet. Secs. 7 + 8
 W 12° 25' E.

Ascend mountain at an
 angle of 18°

23.00 Top of mountain bears
 N 70° W + S 6.

40.00 Set a Malpais stone 10x10x7 in.
 6 ins. in the ground for 1/4 Sec.
 Cor. marked 1/4 on N. face and
 raised a mound of stone
 alongside.

T 12 S. R 27 E.

Chains

47.60

Cross Gulch course S.E.
and ascend slope at an
angle of 18°

58.00

Top of mountain bears
N.W. & S.E. and descend at
an angle of 27°

68.00

Descend at an angle of 18°

80.00

Set a Malpais stone 18 in. x
12 in. x 8 in. in the ground
for cor. to Secs. 5, 6, 7 & 8
marked with 5 notches
on S.E. edges. and raised
a mound of stone along
side.

Surface Mountainous
Soil 4th rate
Grass. fair

T12 S. R27E,

Chains

East on a random line
bet Secs. 5 & 8.Va $12^{\circ} 25' E$.40.00 Set temporary $\frac{1}{4}$ Sec. cor.
80.40 Intersect the N & S. line 23
links W. of cor. to Secs. 4, 5 & 8

Thence Turn

N $89^{\circ} 50' W$. on a true line
bet Secs. 5 & 8. with same Va.

thence along N. slope of mt.

40.20 Set a Malpais stone $14 \times 10 \times 8$
ins. 9 ins. in the ground
for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ cor.
on N. face and raised
a mound of stone along
side. ascend at an angle
of 20°

58.40 Top of butte and descend at

T12 S. R 27 E,

chains

9.40

an angle of 22°
Cross Dry Wash 50 links
Wide corner N.W.

0.40

The cor. to Secs. 5, 6, 7 & 8
Surface mountainous
Soil 4th rate
Grass fair

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

$70^{\circ} 25' E.$

40.00

Set temporary 1/4 Sec. cor.

77.37

Intersect the W. bay. of
The 15-link N. of cor. to Secs.
1, 6, 7 & 12 which is a granite
stone 8x7 ins. above the ground
properly marked with

T12 S. R 27 E.

chain

mound of stone alongside.

Thence I. run

N 89° 54' E. on a true line
bet. Secs. 6 + 7. with same Va.

37.37

Set a Galpais stone 18x10x6
ins. 12 ins. in the ground
for 1/4 Sec. cor. marked 1/4 on
N. face. and raised a
mound of stone alongside.

77.37

The cor. to Secs. 5, 6, 7 + 8.
Surface. mountainous
Soil 4th rate
Good grassNorth on a random
line bet. Secs. 5 + 6
Va. 12° 25' E.

T12 S. R. 27E.

Chains

General Description
of T12 S. R. 27E.

This township contains all varieties of surface and soil. There is a small range of mountains running through the Twp. starting from the N.W. cor. and running in a south easterly direction, they are of volcanic origin. In the S.E. part is a large flat of first rate soil, Griffith and White have a house and well in N.W. 1/4 of Sec. 27.

A wagon road from Wilcox to Solomonville runs through the flat

T12 S. R 276.

Chain

The S. P. R R passes through the Southern part. There is a Section house in the S.E. 1/4 of Sec 30. A good growth of grass is found all over the Tp. There is also a scattering growth of mesquite and greasewood bush.

Jan 13th 18, 85

For final oaths see book No. 12

U. S. Surveyor General's Office -

Tucson A. T. June 25th 1886.

The foregoing field notes of the re-survey^{and} correction of the Subdivision lines of Township 12 South, Range 27 East, G^{and} S. R. M. executed by Lewis Wolfley U. S. Deputy Surveyor under his authority of the 25th day of March 1886 having been critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

John Wise
Surveyor General.