

T15. N. R. 28 E. G & S. R. M.

BOOK 213

~~Book No. 111~~

es
and
A;

No-213

Field Notes

OF THE SURVEY OF THE

Subdivision lines

-OF-

Township *15 N.*, Range *28 E.*

Gila and Salt River Base and Meridian

213

ARIZONA.

By *A. P. Johnson* D.S.

Under contract dated *July 17* 18*82*

Survey commenced *Dec. 1st*, 18*82*

Survey completed *Dec. 4th*, 18*82*

No-213

T15. N. R. 28 E. G & S. R. M.

1A

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Range 28 E.

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Gila and Salt River, Arizona.

ARIZONA.

T15.N.R 28 E G & S R M

A description of instrument
and preliminary work
see Book No. 1

Survey commenced Dec. 1st 1852
Survey completed Dec. 4th 1852

Before proceeding to outside
this township we
made a change of 16 minutes
in the latitude base of
our Solar Compasses.

By adding 2 to the
reading previously
given and at noon
verified and corrected
same by observation on
the Sun. I also
further tested instrument
by reversing.

1. C

T15. N. R 28 E G & S R M

10

From the cor. to Sec 102,
35 and 36 on the S.
Boundary of the township
recently set to field by
me. I run North
bet. Sec. 35 and 36

Var. 14° S. E.

Descend gradually
Enter Juni valley bet. E. and N.

38.00
4000

Set a sand stone, 9 x 10 x 7 ins., 14 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. N. and S,
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

56.00.

Cross Juni river 35 links
wide bet. N.

80.00

Set a sand stone 6 x 10 x 5 ins., 11 ins. in
the ground for Cor, to Secs, 25, 26, 35 & 36 marked
with / notch on S. and / notch on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

T15.N.R 28 E G & S R M

Ch.

Land level and rolling
Soil 1st rate
Agricultural land

East on a random line
bet. Secs. 25 and 26
Va. 14 17'

In valley

27.76 Cross Creek river
20 links wide W. S. 42° N.

40.00 Set temporary 14 Sec. Cor.

79.60 Intersect E. Boundary
of the township 54 links
S. of the W. to Secs.
25, 26, 27 and 28 which is a
sandstone 5x7 in. properly
noted with pits in each
Sec. and a mound
of earth along side
thru S. 89° 37' N.

9

BOOK 213

T15.N.R 28 E G & S R M

Sho

on a true line bet.
Sec. 25 and 36 with
same va.

3980

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

7960

Th. Co. to Sec. 25. 26. 25 & 36
Land level
Soil 1st. rate
agricultural land

North bet. Sec. 25 and 26
Va. $14^{\circ} 17' E$.

4000

Over Juni valley
Set a **granite** stone, $6 \times 12 \times 6$ ins., 10 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on W.
face, dug pits $18 \times 18 \times 12$ ins. N. and S.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft, high. $3\frac{1}{2}$ ft. base. alongside.

T15.N.R 28 E G & S R M

Sh.

8000

Set a *flag* stone $4 \times 10 \times 8$ ins, 9 ins. in the ground for Cor, to Secs, 24, 25, 26 marked with 2 notches on S. and 1 notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Land level

Soil 1st and 2nd rate
Agricultural land

East on a random line
bet Secs. 24 and 25
W. $14^{\circ} 17' E$.

16.00 Pound gradually
low point hrs. 7 25 ft.
high and descend

4000 Set temporary 1/4 Sec. Cor.

79.78 Intersect E. Boundary of
the Township 21 $1/2$ miles
N. of the Cor. to Secs.
19, 24, 25 and 30 which is a

T15, N. R 28 E G & S R M

Chs.

post 4 ins. sq. properly
marked and protected
with pits in each
Sec. and a mound
of earth around post.

Stone Corner N. 89°
51' N. on a true line
bet. Secs. 24 and 25
with same on.

39. 87 Set a sand stone, 6 x 4 x 11 ins., 11 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on E.
face, dug pits 18 x 18 x 12 ins. E. and W.
of stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth
1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base, alongside.

79. 78 The Cor. to Secs 23, 24, 25 and 26
Land rolling
Soil Ind. State
Food grazing

T15.N.R 28 E G & S R M

100-

North bet. Secs 23 and 24
No. 14° 17' E

Over Guni valley

31.00
40.00

Leave Guni valley bet. E. and N.
Set a sand stone, 10 x 10 x 5 ins., 11 ins.
in the ground for 1/4 Sec, Cor, marked 1/4. on N.
face, dug pits 18 x 18 x 12 ins. N. and 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.

58.15
80.00

Rad bet. N. 85° E. and S. 85° W.
Set a sand stone 6 x 10 x 4 ins., 11 ins. in
the ground for Cor, to Secs, 12/4, 23 & 24 marked
with S notch on S. and / notch 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.

Land rolling hills and valley

Soil Lud. rate

Good grazing

Some Sage brush

T15, N. R 28 E C & S T M

S.
No.

East on a railroad
line bet Secs. 18 and 24
Var. $14^{\circ}17' S$.

Descending

17.20 Cross gulch 12 links
wide to S. and ascend

40.00 Set temporary 14 Sec. Cor
on ridge to. $N. 50^{\circ} E$. and
 $S. 50^{\circ} W$. 40 ft high
And descend

44.75 Road to. $N. 70^{\circ} E$. and $S. 70^{\circ} W$.

59.02 Gulch 8 links wide
to. $S. 20^{\circ} W$.

Ascend

80.24 Intersect E. Boundary
of the Township 40
links S. of the Cor.
to Secs. 18, 19 and 24
which is a basalt
stone 10 x 10 ins. properly

T15.N.R 28 E G & S R M

marked and notched
with pits in each
Sec. 5 1/2 ft. dist. and
a mound of earth alongside
Thru A run S 89° 47' W.
on a true line set
Sec. 18 and 24 with
same ca.

4012 Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for 1/4 Sec, Cor,
marked 1/4 S. on E face, dug pits 18 x 18 x 12
ins. E. and W. of post 5 1/2 ft. dist. and raised
a mound of earth 1 1/2 ft. high. 3 1/2 ft. base. around
post.

80.24 The corr. to Sec. 13, 14, 20 & 24
Land rolling hills
Soil ind. rate
Good grazing
Mud & growth of sage brush

T15.N.R 28 E G & S 1 M

Chs.

North bet. Secs. 13 and 14
 Va. 140 17' E.

Ascending gradually over
 rolling ground

4000

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

8000

Set a sand stone $10 \times 9 \times 8$ ins, 8 ins. in
 the ground for Cor, to Secs, 11, 12, 13 & 14 marked
 with 4 notches on S. and / notch on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
 dist. and raised a mound of earth 2 ft, high.
 $4\frac{1}{2}$ ft. base. alongside.

Land rolling
 Soil Ind rate
 Good grazing

East on a random line
 bet. Sec. 12 and 13

T15, N. R. 28 E G & S R M

D.

No. 14017 E.

Over rolling prairie

4000
7990

Set temporary $\frac{1}{4}$ Sec. Cor.
 Extract E. Boundary
 of the township 12 miles
 S. of the Cor. to
 Secs. 7, 12, 13 and 18
 which is a post
 4 ins. sq. properly marked
 and located with pits
 in each Sec. $5\frac{1}{2}$ ft. dist.
 and a mound of earth around
 post. Thence I run
 S. $89^{\circ} 55' W.$ on a true
 line bet. Secs. 12 and 13
 with same cor.

3995

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

T15.N.R 28 E G & S T M

post.

79.90 ¹⁰⁵ On Cor. to Secs. 11, 12, 13 and 14

Land rolling

Soil sub. rate

Good grazing

North bet. Secs. 11 and 12
Va. $14^{\circ} 17' E.$

Proceeding over rolling ground

40.00

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

80.00

Set a sand stone $2x10x6$ ins, 8 ins. in the ground for Cor, to Secs, 11, 12, 13 marked with $\frac{1}{2}$ notch on S. and $\frac{1}{2}$ notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft. base. alongside.

Land litle & rolling

T15.N.R.28 E G & S I M

Do.

Soil and water
Good grazing

East on a random
line bet. Sec. 1 and 12
Va. 140 17' E.

Over rolling ground

40.00 Set temporary 1/4 Sec. Cor.
79.72 Substrat E. Boundary
of the township 37 links E. of the W. cor.
to Sec. 1, 6, 7 and 12

which is a post properly
marked and noted
with pits in each Sec.
5 1/2 ft. dist. and ~~marked~~

Shewen I
run
N 89.46' W
on a large
line bet. Sec
1 & 12 with
same va

↖ a mound of earth around post.

39.86

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

T15.N.R 28 E G & S L M

Chas.

79.72 1/2 Cr. to Secs 1, 2, 11 and 12
 Land rolling
 Soil 2nd. rate
 Good grazing

North on a sand on line
 bet. Secs 1 and 2

Ascending gradually
 Va. $14^{\circ} 17' E$.

40.00 1/2 Cr. to Sec 14 Cr. Cr.

60.00 Top of spur to, N. E.
 and S. W. 40 ft. high
 and descend

79.60 1/2 Cr. to Sec. Boundary
 of the township 22 miles
 E. of the Cr. to Sec
 1. Cr. 25 and 26 which is a
 post properly marked
 and noted from set
 in a mound of earth.

T15.N.R 28 E G & S R M

Ch.

Thru. I run S^o 14^o E.
 on a true line bet
 Sec. 1 and 2 with same va

3960 Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for $\frac{1}{4}$ Sec, Cor,
 marked $\frac{1}{4}$ S. on N. face, dug pits 18 x 18 x 12
 ins. N. and S. of post 5 $\frac{1}{2}$ ft. dist. and raised
 a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. around
 post.

7960 Rye br. to Sec. 1, 2, 11 and 12
 Land rolling

Set 2nd. rate

Gold gaging

I carefully examined the
 adjustments of my solar
 compass to-day particularly
 the latitude and
 reversing apparatus and
 found them correct
 A. D. Johnson
 Dec. 1st 1852

T15. N. R 28 E G & S 1 M

Ch.

From the Cor. to Secs.
2, 3, 24 and 35 on the
S. Boundary of the Township
recently established by me.
I run north
bet. Secs. 24 and 35
Ta. 14.50

Across Juni valley

40.00

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

41.00

House to. due W. 2 Ch. dist.

49.20

Juni river 30 links wide Co. S. 60° W.

50.00

Set a fault stone 8 x 6 x 10 ins, 12 ins. in
the ground for Cor. to Secs. 26, 27, 24, 25 marked
with / notch on S. and \ notch on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

T15. N. R 28 E G & S 1 M

Ch.

Land level
Soil 1st rate
Agricultural land

East on a random line
bet. Secs. 26 and 35
Va. $14^{\circ} 17' 0''$.

40.00
80.00

Up Juni valley
off length $27 \frac{1}{4}$ ft. - $1 \frac{1}{2}$ ft.
to corner of 1. and S. line
16 links S. of the Cor.
to Secs. 25, 26, 25 & 36

thence I ran S. $89^{\circ} 58' 11''$
on a true line bet. Secs.
26 and 35 with same va.

40.15

Set a basalt stone, $10 \times 10 \times 7$ ins., 7 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N.
face, dug pits $18 \times 18 \times 12$ ins. E. and W.
of stone $5 \frac{1}{2}$ ft. dist. and raised a mound of earth
 $1 \frac{1}{2}$ ft. high, $3 \frac{1}{2}$ ft. base. alongside.

80.00

The Cor. to Secs. 26, 27, 34 and 35

17

T15. N. R 28 E. G & S. 1. M

Ch.

Soil 1st. rate
Land level
Agricultural

North 1st. Sec. 26 and 27
Va. 14° 17' E.

Across Juni valley

40,00

Set a sand stone, 11 x 10 x 7 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. N. and S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft, high. 3 1/2 ft. base. alongside.

18,000

Set a sand stone 16 x 12 x 10 ins, 11 ins. in the ground for Cor, to Secs, 22. 23. 26 & 27 marked with V notches on S. and S 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.

Land level
Soil 1st rate
Agricultural land

T15.N.R 28 E G & S W M

Cast on a random line bet.
Sec. 23 and 26
Var. $140^{\circ} 17' E$.

Ascend

17.00 Point of spur to, $A. 20^{\circ} E$,
and descend gradually
40.00 Set temporary 1/4 Sec. Cor.
Then over valley
80.17 Destroyed $A.$ and $S.$ lines
links of $A.$ of the Cor.
to Sec. 23, 24, 25 & 26,
thence down $A. 89^{\circ} 57' W$,
on a base line bet. Sec.
23 and 26 with same va.

40.08 Set a sand stone, $14 \times 11 \times 6$ ins., 9 ins.
in the ground for 1/4 Sec, Cor, marked 1/4. on $A.$
face, dug pits $18 \times 18 \times 12$ ins. $E.$ and $W.$
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

80.17 The Cor. to Sec. 22, 23, 26 & 27
Sand rolling & level

19.

T15, N. R 28 E G & S R M

Sec.

Soil 1st and 2nd rate
Good grazing

North pt. Sec. 22 and 20
Va. 14° 17' E.

23.00 Across ^{valley} river valley
Leant to. N. E. and S. W. ascend

26.26 Old road to. N. 70° E. or S. 70° W.

40.00 Set a sand stone 12 x 10 x 7 ins. 8 ins.
in the ground for 1/4 Sec, Cor, marked 1/4 on N.
face, dug pits 18 x 18 x 12 ins. N. and 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.

71.00 Top of ridge to. N. E. and S. W.
100 ft. high and descend

80.00 Set a sand stone 8 x 10 x 5 ins. 2 ins. in
the ground for Cor, to Secs, 4, 16, 22, 23 marked
with 3 notch on S. and 2 notch 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.

Land hilly

T15.N.R 28 E G & S R M

che

Soil sup. rate
 Good grazing

East on a random line
 bet. Sns. 14 and 23

Na. $14^{\circ} 17' E$,

Recend gradually

4000 Set temporary 4th Sec. Cor.

79.84 Delinquent E. and S. line
 22 links N. of the Cor.
 to Sns. 13, 14, 23 and 24

thru corner N. $89^{\circ} 46' W$,

on a true line bet. Sns.

14 and 23 with same ve

39.95

Set a sand stone, $13 \times 11 \times 10$ ins., 7 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N.
 face, dug pits $18 \times 18 \times 12$ ins. E. and W.

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

79.84 The Cor. to Sns. 14, 15, 22 & 23

Land rolling

T15, N. R 28 E G & S 1 M

Chs.

Soil Int. rate
 Good grazing
 Both 1st Secs. 14 and 15
 Va. $14^{\circ} 17' E$,

Descend gradually

4,000

Set a ~~small~~ stone $10 \times 10 \times 4$ ins., 11 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on $\frac{1}{2}$ face, dug pits $18 \times 18 \times 12$ ins. N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

4,800

Old dry lake bed N. N. S. S. E.
 and ascend

8,000

Set a sand stone $8 \times 11 \times 6$ ins., 8 ins. in the ground for Cor, to Secs, 10, 11, 14, 15 marked with 4 notches on S. and 2 notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Land gently rolling
 Soil Int. rate
 Good grazing

T15.N.R 28 E G & S I M

AS

Exp. on a rounded line
bet. Secs. 11 and 14

Var. $14^{\circ} 17' E$.

Bound gradually

40.00 Set temporary 1/4 Sec. Cor.

80.04 Introduce Pt. and S. line
2 links S. of the Cor.

to Secs. 11, 12, 13 and 14

Then I run S. $89^{\circ} 57' W$.

on a true line bet.
Secs. 11 and 14 with
same var.

40.02 Set a sand stone, $14 \times 13 \times 7$ 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. and W.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

80.04 The Cor. to Secs. 10, 11, 14 & 15

Layd rolling

Soil 2nd rate

Good grazing

T15.N.R 28 E G & S 1. M

Chs.

North bet. Secs. 10 and 11
Va. $14^{\circ} 17' E$.

Ascend gradually

4000

Set a sand stone, $2 \times 11 \times 9$ ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on W
face, dug pits $18 \times 18 \times 12$ ins N. and S.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

8000

Set a sand stone, $2 \times 11 \times 9$ ins., 8 ins. in
the ground for Cor, to Secs, 2, 2, 10 or 11 marked
with notch on S. and notch on E. edges,
dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

Grad rolling

Soil Int. rate

Good grazing

East on a random line
bet. Secs. 2 and 11
Va. $14^{\circ} 17' E$.

Descend gradually

T15. N. R 28 E G & S R M

Ch.

- 4000 Set temporary $1/4$ Sec. Cor.
 80.24 Intersect N. and S. line
 23 links N. of the Cor.
 to Sec. 1, 2, 11 and 12
 then S. run N.
 $89^{\circ}50'$ N. on a true line
 bet. Secs. 2 and 11 with
 same va.
- 40.12 Set a sand stone, $17 \times 9 \times 7$ ins. 12 ins.
 in the ground for $1/4$ Sec, Cor, marked $1/4$. on N.
 face, dug pits $18 \times 18 \times 12$ ins. E. and N.
 of stone $5 1/2$ ft. dist. and raised a mound of earth
 $1 1/2$ ft. high. $3 1/2$ ft. base. alongside.
- 80.24 The Cor. to Sec. 2, 3, 10 & 11
 Land rolling
 Soil ind. rate
 Good grazing
 North on a random
 line bet. Secs. 2 and 3
 $74. 14^{\circ} 17' E.$

T15, N. R 28 E G & S 1 M

Ch

- 34.00 Ascend gradually
 Top of ridge to E. & N.
 and descend
- 40.00 Set temporary 114 Sec. Cor.
- 69.00 Dry lake to N. E. & N. W.
 Ascend
- 79.45 Subvert N. Boundary
 of the township 17 miles N.
 of the Cor. to Secs. 2, 3, 34
 and 35 which is a
 post properly marked
 and notched, with pits
 in each Sec. and a mound
 of earth around post.
- 87.45 Thence down S. 0° 7' N.
 on a true line to
- 89.45 Secs. 2 and 3 with same ca.
 Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for $\frac{1}{4}$ Sec, Cor,
 marked $\frac{1}{4}$ S. on $\frac{1}{2}$ face, dug pits 18 x 18 x 12
 ins. N. and S. of post $5\frac{1}{2}$ ft. dist. and raised

T15.N.R 28 E G & S R M

Ch.

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

79.45 The Cor. to Sec. 3, 3, 10 and 11

Sand, rolling

Soft mud water

Good grazing

J. M. Carson Compassman
Dec. 1st. 1892

From the Cor. to Sec.
3, 4, 33 and 34 on the S.
Boundary of the township
recently established by me.
I run North w. Sec.
33 and 34

Var. $14^{\circ} 5' U$.

found

0.00

Top of spur to S. E.
and mound

27
EIS

T15.N.R 28 E G & S R M

A.

28.00 Juni river 25 links wide
Sec. 28. 85° N. Enter valley
bet. E. and N.

40.00 Set a sand stone, 10 x 8 x 6 ins., 10 ins.
in the ground for 1/4 Sec, Cor, marked 1/4 on N
face, dug pits 18 x 18 x 12 ins. N. and S.
of stone 5 1/2 ft. dist. and raised a mound of earth
1 1/2 ft. high. 3 1/2 ft. base. alongside.

80.00 Set a sand stone 5 x 7 x 7 ins, 10 ins. in
the ground for Cor, to Secs, 27, 28. 2004 marked
with / notch on S. and O notch 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.

Land level & rolling
Soil 1st and 2nd. rate
Good grazing

East on a road line
bet. Secs. 27 and 28
Va. 14' 17' E.

Up Juni valley

T15.N.R28E G & S R M

Ch.

4000 Set temporary 1/4 Sec. Cor.

79.86 Entrenched E. and S. lines

20 links N. of the cor.

to Secs. 26, 27, 34 and 35

thru a run N. 89° 51' W.

on a true line bet. Secs.

27 and 34 with same var.

39.93 Set a sand stone, 10 x 8 x 8 ins., 8 ins.

in the ground for 1/4 Sec, Cor, marked 1/4. on N.

face, dug pits 18 x 18 x 12 ins. E. and W.

of stone 5 1/2 ft. dist. and raised a mound of earth

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

79.86 The W. to Secs. 27, 28, 33 & 34

Land level

Soil 1st rate

Good grazing

North bet. Secs. 27 and 28

Var. 14° 17' E.

Across Juni valley

T15, N. R 28 E G & S R M

40,00

Set a sand stone, 10 x 10 x 10 ins., 7 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. N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

60,00

Leave valley hrs. E. and N. and ascend

75,00

Old road hrs. N. 80° E. and S. 80° W.

80,00

Set a sand stone 10 x 10 ins., 8 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., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Land level and rolling
Soil top and 2nd rate
Good grass

East on a random line
bet. Sec. 22 and 27

T15. N. R 28 E G & S R M

Ch.

T₁₅. 14° 17' E.

Descending

13.20 Cross road hrs. N. 80° E. & S. 80° W.

14.00 Enter gum valley hrs. N. 70° E.
and S. 70° W.

40.00 Set temporary 114 Sec. Cor.

79.40 Intersect N. and S. line
13 links S. of the Cor.to Secs 22, 23, 26 and 27
Then I run S. 80° 54' W.
on a true line bet. Secs.
22 and 27 with same cor.39.70 Set a sand stone, 11 x 9 x 6 ins., 7 ins.
in the ground for ¼ Sec, Cor, marked ¼. on N.
face. dug pits 18 x 18 x 12 ins. E. and W.
of stone ½ ft. dist. and raised a mound of earth
1½ ft. high. 3½ ft. base. alongside.79.40 On the Cor. to Secs. 21, 22, 27 & 28
Land level & rolling
Soil 1st and 2nd. rate
good grazing

T15. N. R 28 E G & S R M

Chs.

North bet. Secs. 21 and 22
 Va. $14^{\circ} 17' E$.

According

4000

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

8000

Set a sand stone, $11 \times 11 \times 8$ ins., 11 ins. in the ground for Cor, to Secs, 15/621 r 22 marked with S notch on S. and S notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Land hilly
 Soil 2nd rate

Good grazing

East on a random line bet.
 Secs. 15 and 22
 Va. $14^{\circ} 17' E$.

Over rolling ground

T15.N.R 28 E G & S R M

Ch.

4000 Set temporary 1/4 Sec. Cor.
79.63 Intersect N. and S. line
2) links South of the
Cor. to Secs. 14, 15, 22, 23
thru I run N. 89° 48' W.
on a true line bet.
Secs. 15 and 22 with
same va.

3982 Set a sand stone, 14 x 9 x 6 ins., 9 ins.
in the ground for 1/4 Sec, Cor, marked 1/4. on N.
face, dug pits 18 x 18 x 12 ins. E. and W.
of stone 5 1/2 ft. dist. and raised a mound of earth
1 1/2 ft. high. 3 1/2 ft. base. alongside.

79.63 The Cor. to Secs. 15, 16, 21 + 22
Sand rolling
Soil Ind. rate
Good gauging
North bet. Secs. 15 and 16
Va. 14° 17' E,

T15. N. R 28 E G & S R M

38,000 *Good gradually*
 Ridge hrs. N. 80° E, and S 80° W,
 and descend

4,000 Set a sand stone, 11 x 11 x 6 ins., 7 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. N. and S.
 of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft, high. $3\frac{1}{2}$ ft. base. alongside.

50,000 Set a sand stone, 6 x 14 x 12 ins, 11 ins. in
 the ground for Cor, to Secs, 9, 10, 15, 16 marked
 with 4 notches on S. and 3 notches on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
 dist. and raised a mound of earth 2 ft, high.
 $4\frac{1}{2}$ ft. base. alongside.

Land rolling hills,
Soil sub. etc

Good grazing
Plundered with of sage brush

East on a road line bet.
Secs. 10 and 15

Ta. 14017' E.

T15, N. R 28 E G & S R M

D

- 40.00 Set temporary 1/4 Sec. Cor.
 45.50 Low depression to S.E. and
 S.W. and mound
 79.76 Intersect N. and S. lines
 15 miles N. of the Cor.
 to S.W. 10, 11, 14 and 15
 thence I run N. 89° 54' W.
 on a true line bet.
 S.W. 10 and 15 with same va.
 39.88 Set a sand stone, 10 x 12 x 11 ins. 8 ins.
 in the ground for 1/4 Sec, Cor, marked 1/4. on N. E.
 face, dug pits 18 x 18 x 12 ins. E. and W.
 of stone 5 1/2 ft. dist. and raised a mound of earth
 1 1/2 ft, high. 3 1/2 ft. base. alongside.
 79.74 Pl. Cor. to S.W. 9, 10, 15 & 16
 Land rolling
 Soil sub. etc
 Good grazing

T15. N. R. 28 E. G & S R M

No.

North lot. Sec. 9 and 10

Va. 14° 17' E.

Found gradually

40.00

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

58.00

Enter timber hrs. E. and N.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 9, 4, 9 and 10 marked T. 15 N. S. 3 on N. E. R. 28 E S. 10 on S. E, S, 9 on S, W, and S, 4 on N, W, face, with 5 notch on S, and 3 notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft. base. around post. on

Top of ridge hrs. E. & N.
Land rolling
Soil 2nd. rate

T15.N.R 28 E G & S R M

10

Good g. & ag. w.
Under timber

East on a road on line
bet. Sec. 3 and 10

Var. 140° 17' E.

28.00 Descend through scattering cedars,
Leave timber bet. N. and S.
a low depression bet. N. and
S. and ascend

40.00 Set temporary 1/4 Cor. Var.

50.05 Intersect E. and S.
line 16 links S. of the
V. to Secs. 2, 3, 10 and 11
thence I run S. 89° 58' W.
on a true line bet.

Sec. 3 and 10 with same var.

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

T15.N.R.28.E.G & S.R.M

No.

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

8005 - The Cor. to Secs. 3, 4, 9 & 10
Sand rolling
Soil Int. rate
Good grazing
Woods timber

North on a sand run line
bet. Secs. 3 and 4
Va. $14^{\circ}17' E.$

Decid gradually through
scattering cedars.

34.00 Leave scattering cedars,
hs. E. and W.

40.00 Set temporary 14 Sec. Cor.

72.85 Intersect N. Boundary
of the township 5 rods
E. of the Cor. to Secs.
3, 4, 33 and 34 which is a

T15. N. R. 28 E G & S R M

95

2000 tons 11x18 ins. properly
notched, with pits in rock
Sec. and a mound of
earth alongside
Thence I run Sec 2' E. on
a true line bet. Sec.
Paul & with same va.

39.85 Set a Boulder stone, 2x10x9 ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N.
face, dug pits 18 x 18 x 12 ins. N. and S.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

79.85 The Cor. to Sec, 2, 4, 9 and 10

Land rolling

Soil sub. rate.

Good grazing

I carefully examined the adjustment
of my solar compass to-day particularly
the latitude and reversing apparatus
and found them correct

A. P. Johnson Dec. 2nd. 1882

T15, N. R 28 E G & S R M

No.

From the Cor. to Sec.
4, 5, 32 and 33 on the
S. Boundary of the township
recently sold to his majesty
I run North
bet. Secs. 32 and 33
Va. 14th S. E.

Sand gradually

40,00

Set a sand stone, 13 x 10 x 4 ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on W.
face, dug pits 18 x 18 x 12 ins. N. and S.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

50,00

Set a sand stone 6 x 8 x 8 ins., 11 ins. in
the ground for Cor, to Secs, 28, 29, 32 and 33 marked
with / notch on S. and 4 notch on E. edges,
dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

Sand rolling

Soil end rate

Good grazing

T15. N. R 28 E G & S R M

Part on a railroad line
bet Secs, 28 and 33

To. $14^{\circ} 17' \text{ E.}$

Down Quail valley

4000

Set temporary 1/4 Sec. Cor.

80.16

I abstract N. and S. line

38 links S. of the W. cor.

to Secs. 27, 28, 33 and 34

then I run S. $89^{\circ} 44' \text{ W.}$

on a true line bet.

Secs. 28 and 33 with

same va.

40.08

Set a sand stone, $12 \times 7 \times 6$ ins., 8 ins.

in the ground for 1/4 Sec, Cor, marked 1/4 on N.

face dug pits $18 \times 18 \times 12$ ins. E. and W.

of stone 5 1/2 ft. dist. and raised a mound of earth

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

80.16

The cor. to Secs. 28, 29, 32 and 33

Land level

Soil 1st and 2nd. rate

Good grazing

T15.N.R 28 E G & S R M

S.

North bet. Sec 28 and 29
 Va. $14^{\circ} 17' E$,

Over valley

33.40 Road bet. $S. 34^{\circ} E$. and $S. 34^{\circ} N$.
 and Leave valley bet.
 $N. E$. and $S. N$. and around

40.00 Set a sand stone $13 \times 11 \times 5$ ins., 8 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N .
 face, dug pits $18 \times 18 \times 12$ ins. N . and S .
 of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

49.00 Top of ridge bet. E . and N .

40 ft. high and descend

80.00 Set a sand stone $13 \times 11 \times 5$ ins., 11 ins. in
 the ground for Cor, to Secs, 28, 28, 29 marked
 with 2 notches on S . and 4 notches on E . edges,
 dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft.
 dist. and raised a mound of earth 2 ft. high.
 $4\frac{1}{2}$ ft. base. alongside.

Sand rolling

Soil end. note Good grazing

T15. N. R. 28 E. G & S. R. M

Op.

East on a random line
 bet. Sec. 21 and 28
 Va. $14^{\circ} 17' E$,

Descending gradually

40.00

Set temporary 14 Sec. Cor.

80.48

Intersect E. and S. line
 25 links S. of the Cor. to
 Sec. 21, 22, 27 and 28 thence
 I run S. $89^{\circ} 49' N$. on a
 true line bet. Sec. 21 and 28
 with same m.

40.24

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

80.48

The Cor. to Sec. 20, 21, 28 & 29
 Land rolling and hilly
 Soil 2nd. rate

Good grazing

T15. N. R 28 E G & S R M

S.
No.North lot. Sec. 20 and 21
Va. 14° 17' E.

Dismant gradually

4000
Set a sand stone $16 \times 8 \times 4$ ins., 12 ins. in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$. on W face, dug pits $18 \times 18 \times 12$ ins. N and S of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

8000
Set a sand stone $11 \times 9 \times 6$ ins., 7 ins. in the ground for Cor, to Secs. 16, 17, 20 and 21 marked with S notch on S. and 4 notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Land rolling

Soil End. note

Good grazingEast on a random line
lot. Sec. 16 and 21
Va. 14° 17' E.

T15.N.R 28 E G & S R M

So.

4000 Dig rolling ground
 7990 Set temporary 1/4 Sec. Cor.
 7990 Instrument N 65° 10' links

N. of the Cor. to Sec.
 16 and 22 then I
 run N. 89° 5' 6" W. on a
 true line bet. Secs. 16 and 21
 with same ca.

3995 Set a sand stone, 10 x 9 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. and W.
 of stone 5 1/2 ft. dist. and raised a mound of earth
 1 1/2 ft. high. 3 1/2 ft. base. alongside.

7990 The Cor. to Sec. 15, 16, 17 and 22

Sand rolling
 Set out. rate
Good grazing

North bet. Secs. 16 and 17
 Va. 14° 17' E.
 Descend gradually

45

T15.N.R.28 E G & S R M

Is.

1550

Dry wash 5 links wide
to S. 20° W. ascend

4000

Set a sand stone, 18 x 11 x 6 ins., 5 ins.
in the ground for 1/4 Sec, Cor, marked 1/4. on W.
face, dug pits 18 x 18 x 12 ins. N. and S.
of stone 5 1/2 ft. dist. and raised a mound of earth
1 1/2 ft, high. 3 1/2 ft. base. alongside.

8000

Set a sand stone 7 x 11 x 9 ins, 12 ins. in
the ground for Cor, to Secs, 8, 9, 16 & 17 marked
with 4 notches on S. and 4 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.

Land rolling

Soil 2nd. rate - rocky

Good grazing

Undergrowth of greenwood

East on a random line
bet. Secs. 9 and 16

Va. 14° 17' E.

Ascend gradually over rolling ground

T15. N. R 28 E G & S R M

The

4900 Set temporary 1/4 Sec. Cor.
 79.71. Subsect N. and S. line
 27 links S. of the Cor.
 to Sec. 9, Va. 15 and 16
 thence I run S. 89° 48' W.
 on a true line bet.
 Sec. 9 and 16 with
 same on.

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

79.71 The Cor. to Secs. 8, 9, 16 & 17
 Land rolling
 Soil 2nd rate.
 Good grazing

North bet. Secs. 8 and 9
 Va. 14° 57' E.

T15.N.R 28 E G & S R M

Sec.

Ascending gradually
over rolling ground

40,00

Set a sand stone, $15 \times 11 \times 6$ ins., 10 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N face, dug pits $18 \times 18 \times 12$ ins. N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft, high. $3\frac{1}{2}$ ft. base. alongside.

80,00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 4, 5, 8, and 9 marked T. 15th S. 4 on N. E. R. 28 S. 9 on S. E, S, 8 on S, W, and S, 5 on N, W, face, with 5 notch ~~is~~ on S, and 4 notch ~~is~~ on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft, high. $4\frac{1}{2}$ ft. base. around post.

Land rolling
Soil red
Good grazing

East on a random line
bet. Sec 4 and 9

T15, N. R. 28 E. G & S. 1 M

Chs.

To. $14^{\circ} 17' E$

Ascending gradually

4000 Set temporary $\frac{1}{4}$ Sec. Cor.

79.58 Entered N. and S. line

21 links S. of the Cor.

to Sec. 3, 4, 9 and 10

thence I run $S. 89^{\circ} 47' W.$

on a true line bet. Sec.

4 and 9 with same va.

39.79 Set a land stone, $16 \times 12 \times 8$ ins., 11 ins.in the ground for $\frac{1}{4}$ Sec. Cor, marked $\frac{1}{4}$ on N.face, dug pits $18 \times 18 \times 12$ ins. E. and W.of stone $1\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside.

79.54 The Cor. to Sec. 4, 5, 8 and 9

Land rolling hills

Soil ind. rate

Good grazing

T15. N. R. 28 E. G & S. R. M

Chs.

North on a good iron
line bet. Secs. 4 and 5
Var. $14^{\circ} 17' E$.

Ascending gradually
40.00 Set temporary 14 Sec. Cor.
80.05 Substr set N. Boundary of
the township 43 links, $1/2 E$
of the Cor. to Sec.
4, 5, 32 and 33 which is a
piece of petrified wood
9x5 ins. properly notch
with pits in each
Sec. and a mound of
earth alongside

Then Iron $So^{\circ} 18' E$,
on a true line bet.

Secs. 4 and 5 with same ca.
40.05 Set a sand stone, $10 \times 9 \times 8$ ins., 7 ins.
in the ground for $1/2$ Sec, Cor, marked $1/2$ on W .
face, dug pits $18 \times 18 \times 12$ ins. N . and S .
of stone 1 ft. dist and raised a mound of earth

T15. N. R 28 E G & S R M

Ch.

1½ ft. high. 3½ ft. base. alongside.

80.00

The Cor. to Sec. 4, 5, 8 and 9
Land rolling

Set out note

Good grazing

G. M. Watson Comptroller

Dec. 2nd. 1882

From the Cor. to Sec.
5, 6, 8 and 9 on the
S. Boundary of the
township recently established
by me. I run
North bet. Sec. 8 and 9
Va. 14° 5' E.

Over level land

40.00

Set a sand stone, 15 x 11 x 9 ins. 10 ins.
in the ground for ¼ Sec, Cor, marked ¼. on N.
face. dug pits 18 x 18 x 12 ins. N. and S.
of stone 5½ ft. dist. and raised a mound of earth
1½ ft. high. 3½ ft. base. alongside.

T15. N. R 28 E G & S 1 M

No.

52.10

Cross old road hrs. $N. 42^{\circ} E.$
and $S. 42^{\circ} W.$

8000

Set a sand stone $10 \times 11 \times 5$ ins, 8 ins. in
the ground for Cor, to Secs, 29, 30, 31, 32 marked
with / notch on S. and \backslash notch on E. edges,
dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft.
dist. and raised a mound of earth 2 ft, high,
 $4\frac{1}{2}$ ft. base. alongside.

Sand level

Soil 2nd. rate

Good grazing

Dust on a random bit
bet. Secs. 29 and 32 $Va. 14^{\circ} 17' E.$

Over level land

17.10

Dry wash 15 links wide hrs. S.

34.15

Road hrs. $N. 35^{\circ} E.$ and
 $S. 35^{\circ} W.$

40.00

Set temporary 114 Sec. Cor.

52.00

Round grass alley

T15. N. R 28 E G & S 11 M

D.

79.77 Abstract N and S.
line 17 links S. of the
W. cor. to Secs. 28, 29, 32
and 33 then I run
S. $89^{\circ} 58' W.$ on a true
line bet. Secs. 29 and 32
with same W.

39.88 Set a sand stone, $11 \times 9 \times 9$ ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N.
face, dug pits $18 \times 18 \times 12$ ins. E. and W.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. alongside.

79.77 The cor. to Secs. 29, 30, 31 and 32
Land gently rolling
Soil rich, red
Good grazing
W. P. Johnson Dec. 4th 1852

Went on a random line
bet. Secs. 30 and 31
Var. $14^{\circ} 17' E.$

T15. N. R 28 E G. & S T. M

Chs.

- 4000 Your level land
- 78.74 Set temporary "4 Sec. Cor.
 Detraict 1/4 St. Boundary
 of the township 43 blocks
 S. of the Cor. to Sec.
 25. 20. 21 and 22 which
 was recently established
 by me. Thence I run
 25.8942' E. on a true
 line bet. Sec. 20 and 21
 with same va.
- 88.74 Set a sand stone, 3 x 11 x 7 ins., 8 ins.
 in the ground for 1/4 Sec. Cor, marked 1/4 on N.
 face, dug pits 18 x 18 x 12 ins. E. and W.
 of stone 5 1/2 ft. dist. and raised a mound of earth
 1 1/2 ft. high, 3 1/2 ft. base. alongside.
- 78.74 The Cor. to Sec. 29. 20. 21/22
 Sand level
 Soil ind. note
 Good grazing

T15.N.R 28 E G & S R M

Chs.

North bet Secs. 29 and 30

Va. $14^{\circ} 17' E$.

Over level land

4000

Set a sand stone, $15 \times 7 \times 7$ ins., 10 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N. face dug pits $18 \times 18 \times 12$ ins. A and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

8000

Set a sand stone $24 \times 24 \times 6$ ins., 18 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 pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Level level

Soil sud rate

Good grazing

East on a random line bet. Secs. 28 and 29

Va. $14^{\circ} 17' E$.

T15.N.R 28 E G & S R M

Ch.

18.00 Wash 18 links wide Co. S
 40.00 Set temporary 1/4 Sec. Cor.
 79.53 Distruct Cor. and S.
 line 41 links N. of the
 Cor. to Sec. 20, 21, 28 and 29
 Thence I run N. 89° 42' W.
 on a true line bet.
 Secs. 20 and 29 with same. Va.

39.76 Set a sand stone, 11 x 9 x 9 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. and W.
 of stone 5 1/2 ft. dist. and raised a mound of earth
 1 1/2 ft. high. 3 1/2 ft. base. alongside.

79.52 Th. Cor. to Secs. 19, 20. 29 & 30
 Sand rolling
 Soil 2nd. rate
 Good grazing
 West on a sand on line
 bet. Secs. 19 and 30
 Va. 14° 17' E.

T15.N.R 28 E G & S T M

S.

4000 Now rolling ground
 78.03 Set temporary 1/4 Sec. Cor.
 Destroyed - At Boundary
 of the town was hif 22 rods
 S. of the W. to Sec.
 19. 20 25 and 30 which
 was recently established
 by me. Thence S
 from S. 89° 51' E. on
 a submeridian line 1/4 Sec.
 19 and 30 with same ca.

78.03 Set a sand stone, 10 x 9 x 7 ins., 8 ins.
 in the ground for 1/4 Sec, Cor, marked 1/4. on N.
 face, dug pits 18 x 18 x 12 ins. E- and W.
 of stone 5 1/2 ft. dist. and raised a mound of earth
 1 1/2 ft, high. 3 1/2 ft. base. alongside.

78.03 The W. to Sec. 19. 20. 29 & 30
 Land rolling hills
 Soil sand rate
 Good grazing

G.M. Corone Companion Dec. 4" 1882

T15.N.R 28 E G & S R M

Obs.

North bet. Secs. 19 and 20
Va. 14° 17' E.

4000

Descend gradually
Set a ~~wa~~ salt stone, 13 x 9 x 8 ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N.
face, dug pits 18 x 18 x 12 ins N. and S.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

8000

Set a salt stone 24 x 14 x 6
ins. 18 ins. in the ground for
Co. to Sec. 17, 18, 19 and 20
marked with 3 notches on
S. and 5 notches
on E. edges,
and raised a mound of
dune alongside pits.
unpracticable

Land rolling hills
Soil red, rich
Good grazing

T15. N. R. 28 E. G & S R M

No.

East on a random line
bet. Secs. 17 and 20
Va. $14^{\circ} 17' E$.

Drew

- 24.85 Dry wash 20 links wide
bet. S. N. and
ascend over rolling ground
- 40.00 Set temporary 1/4 Sec. by.
- 79.84 Constructed a line 32 links N. of
the line to Secs. 16, 17,
20 and 21. Then I
ran a line $59^{\circ} 46' N$ on
a true line bet. Secs.
17 and 20 with same va.
- 39.92 Set a wall stone, $4 \times 8 \times 6$ ins., 9 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on $\frac{1}{4}$.
face, dug pits $18 \times 18 \times 12$ ins. E. and W.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

T15.N.R 28 E G & S R M

Ch.

79.84 The Cor. to Secs. 17, 18, 19 + 20
 Land rolling
 Soil Ind. rate

Good grazing
 W. O. Johnson Dec. 4th 1882

Met on a random line
 bet. Secs. 18 and 19
 Va. 14° 17° E.

Acres

15.00 Top of black fettle br.
 N.E. and S.W. 120 ft. high
 and descend over rolling ground

40.00 Set temporary 1/4 Sec. cor.

78.61 Delineated N. Boundary of
 the township; 29 Quads
 N. of the Cor. to Secs.
 13, 18, 19 and 24 which
 was recently established
 by me. Shura &

T15.N.R 28 E G & S R M

Sec.

run N. $89^{\circ}48'$ E. on
a true line set.

Sec. 18 and 19 with
same va.

78.61

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

78.61

The Cor to Sec. 17, 18, 19 & 20
Land hilly & rolling
Soil 2nd. to 3rd. rate
Good grazing
G. M. Warren Township assessor
Dec. 4th 1882

North set. Sec. 17 and 18
Va. $14^{\circ} 17' E.$
According gradually

T15. N. R 28 E G & S R M

Sh.

40.00

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

80.00

Set a sand stone 11 x 10 x 9 ins, 7 ins. in the ground for Cor. to Secs, 7, 8, 17, 18 marked with 4 notches on S. and 5 notch 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.

Land rolling
Soil well rate
Good grazing

Cast on a sandstone line
bet. Sec. 8 and 17
Va. 14° 17' E.

19.00

Discard gradually
Dry wash 19 Plunks

T15. N. R 28 E G & S. R M

Ch.

wide to S. 25° E
around

4000 Set temporary 1/4 Sec. Cor.
4700 Foot of steep ridge
to N. and S. around abruptly
6500 Top of ridge to N. and S.
and descend
7990 Entered N. and S. line
12 links N. of the Cor.
to Sec. 16 and 17
there I ran N. 19° 05' N.
on a true line bet.
Sec. 16 and 17 with same
line.

3996 Set a sand stone, 2 x 9 x 9 ins., 8 ins.
in the ground for 1/4 Sec, Cor, marked 1/4. on N.
face, dug pits 18 x 18 x 12 ins. E. and N.
of stone 1/2 ft. dist. and raised a mound of earth
1 1/2 ft. high. 3 1/2 ft. base. alongside.

7998 The Cor. to Sec.
T. S. 17 and 18

T15. N. R 28 E G & S T M

Am

Land rolling
Soil and rate
Good grazing
W. P. Johnson Dec. 4th 1882

Met on a random line
bet. Sec. 7 and 18
Va. 14° 17' E.

4000 D found gradually
78.22 Set temporary #4 Sec. Cor.
of the township &
links of the Cor.
to Secs. 12, 13 and
18 which was recently
established by me.
Then I run
N. 59° 57' E. on a true
line bet. Sec. 7 and 18
with same va.

T15.N.R.28.E.G.&S.R.M

No.

38.22 Set a sand stone, $1\frac{1}{4} \times 10 \times 4$ ins., 9 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N. face, dug pits $18 \times 18 \times 12$ ins. E. and W. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

78.22 The Cor. to Sec. 7, 8, 17, 18
 Sand rolling
 Soil ind. rate
 Good grazing
 J. M. Garrod Compassman
 Dec, 4" 1882

North Mt. Sec. 7, 18,
 Va. $14^{\circ} 17'$ E.

Ascend gradually
 3000 Top of ridge hrs.
 N. Mt. and S. E. and
 descend gradually

T15.N.R.28.E.G & S.R.M

A.

4,000

Set a sand stone, 20 x 16 x 8 ins., 15 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. N. and S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

42.86 Gross wash 20 trucks with 40 S.E.

8,000

Set a sand stone 14 x 8 ins., 8 ins. in the ground for Cor, to Secs, 5, 6, 7 & 8 marked with \checkmark notch on S. and \checkmark notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. alongside.

Land rolling

Soil sub. rate

Good grazing

*East on a sandstone line
bet. Secs 5 and 8*

Va. 14° 17' E.

No mud gradually

T15. N. R 28 E G & S T M

Chs.

- 4000 Set temporary 1/4 Sec. Cor.
 80.16 Intersect N. and S lines
 27 links N. of the Cor.
 to Secs. 4, 5, 8 and 9
 thence I run N. 89°
 48' W. on a true line
 bet. Secs. 5 and 8
 with same ca.
- 40.08 Set a sand stone, 5 x 8 x 8 ins., 10 ins.
 in the ground for 1/4 Sec, Cor, marked 1/4. on N.
 face, dug pits 18 x 18 x 12 ins. E. and W.
 of stone 5 1/2 ft. dist. and raised a mound of earth
 1 1/2 ft. high. 3 1/2 ft. base. alongside.
- 80.16 The Cor. to Secs. 5, 6, 7 and 8
 Land rolling
 Soil 2nd. rate
 Good grazing
- A. P. Johnson Dec. 4th 1882

T15. N. R. 28 E. G & S. T. M

Obs.

Met on a random line
bet. Sec. 6 and 7, 7
Va. $14^{\circ} 17' E.$

Descend gradually

12.90 Dry wash 5 links wide

Co. S. and ascend gradually

40.00 Set temporary "4 Sec. 6 and

78.07 Detected N. Boundary
of the township 29 links
from the W. or. to

Sec. 1, 6, 7 and 12 which
was recently established
by me. Then I
ran $N. 89^{\circ} 48' E.$ on
a true line bet.
Sec. 6 and 7 with
same in.

38.07

Set a sand stone, $18 \times 12 \times 8$ ins., 12 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N.
face, dug pits $18 \times 18 \times 12$ ins. E. and W.
of stone 5 ft. dist. and raised a mound of earth

T15.N.R 28 E G & S R M

1 1/2 ft, high. 3 1/2 ft. base. along side.

28.07 The Cor. to Secs. 5, 6, 7 and 8
 Land rolling
 Soil. Ind. rat
Good grazing

North on a random line
 bet. Secs. 5 and 6

Va. 140 17' E,

ascend gradually

28.00 cross wash, 7 links wide
 Co. S. 20° W. ascend gradually
 4000 set temporary 1/4 Sec. 6.

29.23 I intersect Pt. Boundary
 of the township 16 links
 E. of the Cor. to Secs.
 5, 6, 31 and 32 which is a
 saw stone 9x9 ins. properly
 notched with file in each
 Sec. and mound of earth along side

T15. N. R. 28 E. G & S. 1 M

No.

Thence I run $S. 0^{\circ} 7' E.$
 on a true line bet. Sec.
 5 and 6 with same va.

89.73

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

79.73

Th. Co. to Sec. 5, 6, 7 & 8
 Land rolling
 Soil sand. rate
 Good grazing
 I can safely say amidst
 the bad instruments of my
 Solar Compass to-day
 particularly by the latitude
 and revolving apparatus
 and found them correct.
 J. M. Carson Comptroller
 Dec. 4th 1882

T15.N.R.28 E G & S M

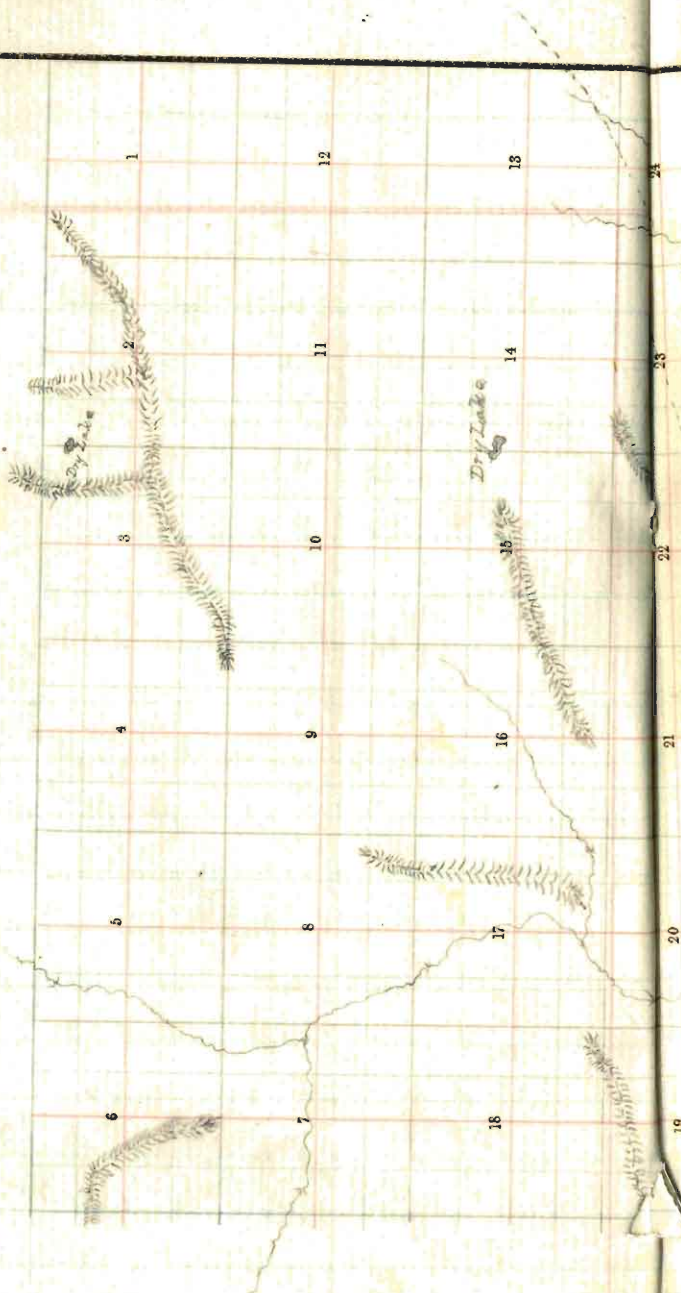
So. General Description

The land in this township is rolling, soil 2nd. and 3rd. rate the formation is principally sandstone. A road to Fort Mygale crosses the township, and the Quai river runs through the S. E. part and along its valley is some 1st. rate land. Donfiro Gonzales has a house and about 15 acres under cultivation in Sec. 24 Value \$700

FOR FINAL CATHS
SEE BOOK NO. 18.

Edward Denny & Co. Stationers and Printers, Drawing Materials, Etc., 512 So. 10 St., S. P.

Township No. *15 N* Range No. *28 E* T15R Meridian.



S. Anderson General's Office,

Tucson, Arizona, November 10, 1888,

The foregoing is a true and correct copy of the Survey of the

Public Lands of the
Tucson District
Arizona
D. S. East

Meridian, Arizona, accu-

A. Johnson

July 1888, having been

carefully examined and the necessary corrections and explana-

made, the said field notes and the surveys they describe

are hereby approved

J. W. Robbins

- TOWNSHIP PLOT.
- Meridian Line,
- Base Line,
- Standard Line,
- Township Lines,
- Section Lines,
- Meander Lines,

Office Work,



U. S. Surveyor General's Office,

Tucson, Arizona, November 10, 1883,

The foregoing Field Notes of the Survey of the

Subdivision Lines of
 Township 15 North
 Range 28 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by A. P. Johnson

Deputy Surveyor, under his contract of the 17th

day of July, 1882, having been

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

J. W. Robinson
 Surveyor General.