

No-210

Field Notes

OF THE SURVEY OF THE

Subdivision Lines.

-OF-

Township *15-N.* Range *27 E.*

Gila and Salt River Base and Meridian

ARIZONA.

By *A. Johnson.* D.S.

Under contract dated *July 15th 1882*

Survey commenced *Dec 5th 1882.*

Survey completed *Dec 7th 1882.*

No-210

210

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INDEX DIAGRAM.

Township..... 15-21.

Range..... 27 E

6	73	5	53	4	40	8	28	2	13	1
73		72		52		39		27		12
7	71	8	50	9	38	10	25	11	10	12
69		68		49		37		24		9
18	67	17	48	16	36	15	23	14	8	13
65		64		47		34		22		7
19	65	20	46	21	33	22	20	23	5	24
62		60		45		32		19		4
30	69	29	44	28	31	27	17	26	3	25
58		56		43		30		16		2
31	55	32	42	33	29	34	15	35	1	36

Gila and Salt River, Arizona.

ARIZONA.

No-210

For description of instrument
and preliminary matters see
Book No 1.

Survey commenced Dec 5th 1882
Survey completed Dec 7th 1882

10

BOOK 210

T15.N.R 27 E G & S R M

chs

From the cor to sec 12, 35^{and 36}
 on the S Biry Gp recently re-
 established by me, from
 North Mt-sec 35^{and 36}
 Va 14° 13' E

Level prairie
 3.50 Long valley cross N 50° N and
 S 50° E and ascend
 23-20 point of spur cross N 60° E
 & S 60° N and ascend,

40.00 Set a Sand stone, 15 x 9 x 6 ins., 10 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. $3\frac{1}{4}$ ft. base. alongside.

75.58 Cross wash + the ridge so S 50° N
 and ascend

80.00 Set a Basalt stone 6 x 12 x 10 ins., 11 ins. in
 the ground for Cor, 10 Secs, 25, 26, 35^{and 36} marked
 with 1 notch on S. and 1 notch on E. edges,
 dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft.

T15. N. R 27 E G. & S R M

chs

dist. and raised a mound of earth 2 ft. high.
4½ ft. base. alongside.

Lands Rolling Hills
Soil, 2nd soil
Good grazing

Post on a random line between
25^{and} 26

ba. 14° 13' E

Ascending gradually,

39.80

Ridge 20 ft. high base N 30° E
and S 30° W. and descend.

40.00

Set a temp '14 see cor

79.82

Intersect E boring of 11 lbs

N of cor to see 25, 30, 31 and 26

recently established by me
thence I run.

N 89° 55' N in a true line

bet. sees 25^{and} 26. same so

T15, N. R 27 E G. & S R M

chs

39.91

Set a Sand 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.

79.82

To cor to sees 25. 26. 35 ^{Aug 26}
Sand Rolling,
Soil, 2nd row. Good grazing

North to sees 25 ^{Aug 26}
to $14^{\circ} 13' E$

Ascend gradually.

40.00

Set a Sand stone, $14 \times 10 \times 7$ 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. 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.

68.00

Cross Ridge leans N $70^{\circ} E$
and S $70^{\circ} W$ and descend

T15.N.R 27 E G. & S R M

chs

80.00

Set a Sawn stone (6 x 10 x 7 ins, 10 ins. in the ground for Cor, to Secs, 23-24-25⁹-26 marked with 2 notches on S. and 1 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.

Low Rolling Hills,
Soil, 2nd sand: Good grazing

East on a random line bet-
weens 24^{2d} & 25-

to 14° 13' E

1110

Descend. gradually,
cross wash 4 1/2 miles
to N. and ascend,

40.00

Set a temp 114 see cor

61.00

Top of ridge to N 20° E and
S 20° W 20 ft high and descend

79.69

Intersect E B¹ Sp. at cor
to secs 19, 24, 25⁹ and 30, recently

T15. N. R 27 E G & S R M

chs

established by me.

Thence down

West on a true line bet-
sees 24^{and} 25.

to 14° 13' E

89.85-

Set a Baskett stone, 18 x 16 x 9 ins., 12 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N
face, dug pits 18 x 18 x 12 ins. E and N
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.

79.69

To cor to sees 23. 24. 25^{and} 26

Sand. Rolling

Soil: 3rd rate, good grazingNorth to sees 23^{and} 24

to 14° 13' E

10 seeds gradually

1. 20

Grass 10 mg wash 4 lbs mid

to N 55° W and ascend

T15. N. R 27 E G & S R M

chs

- | | |
|-------|---|
| 22.25 | Foot of mesa ascending abruptly |
| 32.75 | Reach top of mesa base:
N 70° E 40' S 70° N 80 ft. high
House base N 82° W. about
36.00 chs dist. |
| 40.00 | Set a Basalt Rock 32. + 20.6 in
24 ins in the ground for '14
see cor marked '14 on
N face and raised a mound
stone along side. It is
impracticable |
| 56.00 | Depression base E + N and
ascend. |
| 80.00 | Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor, to Secs,
13.14, 23 ²⁴ marked T. 15 N S. 13 on
N. E. R. 27 E S. 24 on S. E, S, 23 on
S, W, and S, 14' on N, W, face, with 3 notch
es on S, and 1 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 around post. |

T15 N R 27 F G & S R M

chs

Large Rolling and hills
Soil. 3rd soil good grazing
Similar to Adirondack says
Bush.

East on a random line
bet sees 13^{and} 24
bu 14° 13' E

Descend gradually
Low depression bet N 8 +
S.W. and ascend.

40.00 Set a temp 1/4 sec cor
89.06 Intersect E Bdy Sp 28 lb
S of cor, bet sees 13 + 18 + 19^{and} 24
recently established by me
Thence down

88° 48' N on a true line
bet sees 13^{and} 24 same m.

40.03 Set a Sand stone, 12 x 12 x 6 ins., 8 ins.
in the ground for 1/4 Sec, Cor, marked 1/4. on N

T15. N. R 27 E G & S R M

chs

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.

80.00

To cor to sees 13. 14. 23 ^{and} 24
Sand Rolling
Soil 2nd rd
Undergrowth sage
Good grazing

North to sees 13 ^{and} 14
to 140. 13' E

Ascend gradually.

40.00

Set a Sand stone, 18 x 14 x 4 ins., 12 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. E and W.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. alongside.

80.00

Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor, to Secs,
11. 12. 13 ^{and} 14 marked T. 15' N S. 12 on

T15.N.R 27 E G. & S R M

cls

N. E. R. 27 & S. 13 on S. E. S, 14 on
S, W, and S, 11 on N, W, face, with 4 notches
on S, and 1 notch on E. edges, dug
pits 13 x 13 x 12 ins. in each Sec., 5½ ft. dist.
and raised a mound of earth 2 ft, high. 4½ ft.
base. around post.

Sand Rolling
Soil. 800 runs

Woods growths. sage brush
& soap root. Good grazing

East on a random line
bet sees 12^{and} 13

to 14° 13' E

Descending gradually

Set a temp - 114 sea cor

Depression from NE to SW.
and ascend.

40.00

Interest @ Baring Sp 17th

49.00

Set cor to sees 7, 12, 13^{and} 18

80.20

T15.N.R 27 E G. & S R M

chs

recently established by me
Thrice done.

S⁸ 90° 53' N on a line line
see 12nd and 13. same as

40.10

Set a post 3 ft. long 3 ins. diam with a
stone, 12 ins. in the ground for 1. Sec cor
marked 1 S. on N face, cor 12 x 12 x 12
ins. 8 on W of post 1 1/2 ft. and raised
a mound of earth 1 1/2 ft. high 3 1/2 ft. base around
post.

80.20

To cor to see's 11, 12, 13^{and 14}
Land Rearing.
Sail. 8th rate.
W. growth soap med.
Good grazing.

North lot see's 11^{and 12}
In 14° 13' 8
Oscendine.

T15. N. R. 27 E G & S R M

cho

- 18.00 Top of ridge base N E & W.
and descend.
- 40.00 Set a Sand stone, 10 x 10 x 8 ins., 7 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.
- 60.18 Low Depress base E & W. and
ascend.
- 80.00 Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground for Cor, to Secs,
1, 2, 11. ^{and} 12 marked T. 15 N S. 1 on
N. E. R. 27 E S. 12 on S. E, S, 19 on
S, W, and S, 2 on N, W, face, with 3 notch
on S, and 1 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.
- Lewis Rolling Hills
Soil. 2nd class
Undergrowth. soap wood.

T15.N.R 27 E G & S R M

Chs

Foot Praying

East on a random line
bet sees 1^{and} 12.

Ja 14° 13' E

Ascend gradually

40.00

Get a trip '14 see cor

78.06

cross 10 my mast 20 lbs mile

les S 20° E^{low} ascend gradually

80.46

Intersect E Biding Top

24 lbs N of cor to sees 1 & 6

7^{and} 12, recently established

by me Thence down,

N 89° 45' N on a true line

bet sees 1^{and} 12 same cor,

40.23

Get a Boralt Rock. 12+10+8

vis 8 in in the ground for

'14 see cor marked '14 on

N face and raised a mound

T15.N.R 27 E G & S R M

ch:

of stone along side of fire
 Impracticable,
 80.46 To the cor to sec's 1, 2, 11^{and} 12
 Sand Rolling
 Soil, 2nd rate
 Good Grazing.

North on a random line bet
 sec's 1^{and} 2

to 149.13' E

Ascend gradually

40.00 Set a trap 1/4 sec cor.

57.00 Top of ridge bears E^{and} W
 20 ft high^{and} descend

80.16 Intersect N Bony Tp. 28th
 N of the cor to sec's 1, 2, 35^{and} 36
 recently established by
 me. Thence to run
 S 0°. 12' N on a true line bet

T15. N. R 27 E G & S R M

ch:

see's 1 and 2 same va

40.16 Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins. in the ground for 1 Sec. Cor, marked 1 S. on N face, Cor 5 1/2 x 12 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.

80.16 To cor by see's 1, 2, 3 and 12
 Sawd Rolling,
 Soil, 2nd salt Good grazing
 Undergrowth, soap weed

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

Dec. 5th 1882.

T15.N.R 27 E G & S R M

chs

From the cor trees 28, 3.4⁴ 35-
 on the south boundary
 the $\frac{1}{4}$ Sec recently established
 by me. From
 North between 34⁴ 35-
 to 140, 14' E

Ascend Gas valley

40.00

Set a Sand stone, 13 x 10 x 7 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. E and W
 of stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth
 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base. alongside.

80.00

Set a Basalt stone 11 x 9 x 6 ins., 8 ins. in
 the ground for Cor, to Secs, 26, 27, 34, 35 marked
 with 1 notch on S. and 2 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.

Lands Rolling
 Soil. 2nd rate

T15, N. R. 27 E G. & S R M

chs

Timber: Scrub cedar
 Good grazing.

East on a random line
 Set sees 26nd 35 -
 W 14°, 13' E

Ascend gradually,

35.00

Top of Ridge 20 ft high bears
 N E to S. W. and descend.

40.00

Set a temp - 114 see cor

80.42

Intersect N. & S line 19 lbs
 S of cor to sees 25, 26, 35^{and} Set
 Thence I run

S 89° 52' N on a true line
 Set sees 26^{and} 35, same as

40.21

Set a Basaltic stone, 12 x 11 x 7 ins., 8 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N
 face, dug pits 18 x 18 x 12 ins. E and W
 of stone $\frac{1}{2}$ ft. dist. and raised a mound of earth
 14 ft. high, 34 ft. base. alongside.

T15. N. R. 27 E G & S R M

obs

80.49

To cortosces 26.27.34^{and} 85'
 Low Rolling
 Soil, 2nd row
 Good Fungus.

North bet sees 26^{and} 27
 to 14' 13' E

26.00

Ascend gradually in trim
 Foot of mesa bears N 85° W
 and ascend. abruptly.

40.00

Set a Basaltic Stone 19
 16 + 11 ins 12 ins in the ground
 for 14 sec cor. marked 14 on
 W face and raised a mound
 of stone along side of it
 impracticable.

52.40

Top of mesa bears N 30° E^{and}
 S 30° W. 60 ft high and descend
 gradually.

T15. N. R 27 E. G & S R M

chs

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, ~~24~~ ins, in the ground for Cor, to Secs, 22-23. 26²⁷ marked T. 15 N S. 23 on N. E. R. 27 & S. 26 on S. E. S. 27 on S, W, and S, 22 on N. W, face, with 2 notches on S, and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 51 ft. dist. and raised a mound of earth 2 ft. high 4 ft. ~~low~~ around post. from which

A bevar 20 vis drain cross N 72° E
83 lbs dist. Marked T. 15 N. R 27 E
S. 23 B. D.

A bevar 30 vis drain cross S 87° E
43 lbs dist. Marked T. 15 N. R 27 E
S. 26. B. D.

A bevar 18 vis drain cross S 36° N
85 lbs dist. Marked T. 15 N. R 27 E
S. 27 B. D.

A bevar 20 vis drain cross N. 46° W
46 lbs dist. Marked T. 15 N. R 27 E
S. 22 B. D.

T15.N.R.27.E.G.&S.R.M

chs

Low Rolling Hills

Soil, 2nd m.

Timber, 40 use cedar

Good grazing

Erect on a random line

bet sees 23^{and} 26,

Ja 14° 13' E

Ascend gradually.

18.00

Top of point of spur 20 ft.
high base S 25° W. and descends

20.00

Leaves ^{course} timber & base N 48° E

40.00

Set a trap 1/4 sec cor

80.20

Intersect N 48 line 36 lbs

S of cor to sees 23-24, 25^{and} 26

41.15

Thence down

S 89° 45' N on a true line

bet sees, 23^{and} 26 same way

T15.N.R 27 E G. & S R M

Chó

- 40.15 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 $1\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around post.
- 80.30 To cor to see's 22.23.26 and 27.
Low Rolling
Soil, 8th row
Timber, dense scrub forest
Good grazing

North to see's 22 and 23
to 140.13' E

Descend gradually through
scrub forest.

2.50 Low scattering timber
rows E, T, W.

82.30 Gully 5 lbs wide to 875' W
and ascend.

T15. N. R 27 E G & S R M

chs

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.

80.00

Set a Boushie stone 16 x 12 x 8 ins, 10 ins. in the ground for Cor, to Secs, 14, 15, 22^Q & 23 marked with 8 notches on S. and 2 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 ft. base. alongside.

Land Rolling
Soil. 2nd run.

Undergrowth Sage Bush & soap
weed. Good grazing

T15. N. R. 27 E G. & S R M

Chs

East on a random line between
14^{and} 23.

To 14° 13' E

Descend gradually.

40.00 Set a camp - 114 see cor.

52.27 Cross dry wash 4 lbs wide
to S. 20° E. ~~to~~ and ascend.

70.00 Top of Ridge Cross N to S 20 ft
high, and descend.

80.08 Intercept N to S line 23 lbs
N of cor to see's 13, 14, 23^{and} 24,
thence down

N 89° 20' N on a true line bet-
see's 14^{and} 23 same cor.

40.04 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 27 E G & S R M

als

80.08

Go cor to sees 14.15.22^{and 23}

Sand Rolling
Soil. 2nd rate

Undergrowth sage brush & soap
weed. Good grazing

North to see 14^{and 15}
to 14° 13' E

Ascending

40.00

Set a Sand stone, 14 x 10 x 6 ins., 9 lbs.
in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ on N
face, dug pits 18 x 15 x 12 ins. E and W
of it, at 1 ft. dist. and raised a mound of earth
14 ft. high, 3 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 Sees,
10.11.14^{and 15} marked T. 15 N S. 11 on
N. E. R. 27 8 S. 14 on S. E, S, 15 on
S, W, and S, 10 on N, W, face, with 4 notch
on S, and 2 notch on E. edges, dug

T15.N.R 27 E G & S R M

class

pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.
and raised a mound of earth 2 ft, high. 4½ ft.
base. around post.

Low Rolling Hills
Soil, 2nd rate

Undergrowth of sage brush + trap
weed. Good grazing

Post on a random line
between 11^{and} 14.

ba 14° 13' E

Descending gradually.

29.20

less dry wash 4 lbs mud

to S 10° W and ascend

40.00

Set a trap - ¼ cu cor

72.00

Top of Ridge 20 ft high from NW^s
to S 70° W. and descend

79.78

Intersect N. T. S line 11 lbs

N of cor to sec's 11. 12. 18^{and} 14

T15. N. R 27 E G & S R M

cho

Thence down

N 89° 35' W on a true line bet
sees 11 ^{and} 14, same or

39.88

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.

79.78

To cor to sees 10, 11, 14 ^{and} 15-

Land Rolling
Soil. 8th row

Undergrowth sage brush &
soap. mud. Good grazing

North set sees 10 ^{and} 11

ca 140. 13' E

Round gradually

40.50

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

T15. N. R 27 E G & S R M

chs

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.

66.00

Top of Ridge bears $N 70^{\circ} W + S 70^{\circ} E$
20 ft. high and descends.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 2-3-10 ^{and} 11 marked T. 15 N S. 2 on N. E. R. 27 & S. 11 on S. E, S, 10 on S, W, and S, 3 on N, W, face, with 3 notches on S, and 2 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. around post.

Land. Rolling
Soil, 2nd rate - Good grazing

T15 N. R 27 E G & S R M

ch

East on a random line bet sees
2^{and} 11.

Ba $14^{\circ} 13' E$

38.82

cross dry wash 4 lks mid bet S

40.00

Set a bench $1/4$ sec cor

49.60

Intersect N. & S. line 24 lks N

of cor to sees 1, 2, 11^{and} 12.

Thence down

N. $89^{\circ} 50' W$ on a true line bet
sees 2^{and} 11, same va.

39.80

Set a Sand stone, $14 \times 10 \times 7$ 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.

79.60

To cor to sees 2, 3, 10^{and} 11

Laws Rolling

Soil, 2nd rate good grazing

T15.N.R 27 E G. & S R M

cho

North on a random line
bet sees 2nd & 3
In $14^{\circ}, 13' E$

Washed gradually.

40.00

Set a temp 14 see on

80.33

Intersect N Biny Sp 32 lbs
E of cor to sees 2, 3, 34 and 35,
recently established by me
Thence down.

S. $0^{\circ} 14' E$ on a true line
bet sees 2nd & 3, same way

40.3-3

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.

80-33

To cor to sees 2, 3, ~~34~~^{10 and 11} and ~~35~~
Land. Rolling.
Soil, 2nd row
Good grazing

T15. N. R 27 E G & S R M

chs

G. M. Carey

Compassman

Dec 5th 1882

From the cor to sees 3, 4, 33^{and 34}
 on the South Boundary of
 recently reestablished by me
 I ran

North to sees 33^{and 34}

at 140° 14' E

Ascend gradually

40.00

Set a post 3 ft. long 3 ins. diam with marked
 stone, 12 ins, in the ground for 1st Sec, Cor,
 marked 1st S. on W 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 post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs,
 17-28. 33^{and 34} marked T. 15 N S 27 on

T15. N. R 27 E G & S R M

cls

N. E. R. 27 E S. 34 on S. E, S, 3 & on
S, W, and S, 28 on N, W, face, with 1 notch
on S, and 3 notch on E. edges, dug
pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist.
and raised a mound of earth 2 ft, high. 4½ ft.
base. around post.

Land Rolling.

Soil. 2nd soil - good grazing

East on a random line to see
27 and 34.

to 140, 13' E

Ascending abruptly.

40.00

Top of ridge bears N E to S W. 160 ft -
high and descend abruptly, &
Set a temp 1/4 sec cor.

46.00

Foot of mesa bears N E to S W.

80.08

Intersect N to S line & lks

S of cor to see's 26, 27, 34 ^{and} 35

Thence I run

T15.N.R 27 E G & S R M

chs

- 40.04 389° 56' W on a true line bet
 sees 27^{and} 34. same var
 Set a Basalt Rock 18+26+10
 ins 12 ins in the ground for
 1/4 sec cor, marked 1/4 on
 N face. and raised a mound
 stone alongside, pits
 impracticable.
- 80.08 To cor to sees 27. 28. 33^{and} 34
 Land. Mountainous
 Soil. 8th see good grazing

North bet sees 27^{and} 28
 to 14° 13' E

- 2.19. No record produced.
 Cross Dory mark 5 1/2 ins
 to W.

- 40.00 Set a sand stone, 15 x 10 x 6 ins., 10 ins.
 in the ground for 1/4 Sec, Cor, marked 1/4. on W
 face. also pits 18 x 18 x 12 ins

T15. N. R 27 E G. & S R M

chs

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.

80.00

Set a Basalt stone 6x 8x 5 ins, 10 ins. in
the ground for Cor, to Secs, 26 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., 5½ ft.
dist. and raised a mound of earth 2 ft. high.
4½ ft. base. alongside.

Land Rolling
Soil. 2nd rate
Good grazing

East on a random line
bet sec: 22^{and} 27.

to 14° 13' E

Ascend gradually
cross Dry wash 5 lbs wide
to S 23° W.

11.50

T15. N. R 27 E G & S R M

chs

40.00 Set a temp 114 see cor
 79.68 Intersect N & S line 27 lbs
 Sof cor to sees 22.23.26^{and} 27
 Thence down
 S 89° 48' N in a true line bet
 sees 22^{and} 27, same va

39.84 Set a Basalt stone, 13 x 10 x 6 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. 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.

79.68 Cor to sees 21.22.27^{and} 28
 Land Rolling
 Soil 2nd run. good grazing

North W. sees 21^{and} 22
 In 14° 13' E

Ascend. gradually.

T15. N. R 27 E G. & S R M

chs

46.00 Set a Basalt stone, 15 x 10 x 6 ins., 11 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.

80.00 Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Sees 15, 16, 21 and 22 marked T. 15 N S. 15 on N. E. R. 27 E S. 22 on S. E, S, 21 on S, W, and S, 16 on N, W, face, with 3 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. around post.

Lewis Rolling
Soil; 2nd soil. Good grazing

East on a random line bet
sees 13 and 22

to 149 13' E

T15, N. R 27 E G & S R M

chs

- 29.60 W ascend gradually,
Cross 20 my wash 5' lks wide
to S 30° W ^{and} ascend
- 40.00 Set a temp. 114 sec cor.
- 79.82. Intersect N. t. S line 54 lks S of
cor to sees 14 + 5, 22 + 23.
Thence down.
S 89° 37' N. on a true line bet
sees 15 ^{and} 22. same way.
- 39.91 Set a Sand stone, 13 x 8 x 8 ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N
face, dug pits 18 x 18 x 12 ins. E 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.
- 79.82 To cor & sees 15, 16, 21 ^{and} 22
Sand, Rolling
Soil, 2 nd rate
Good grazing,

T15. N. R. 27 E G & S R M

chs

North lot sees 15^{Aug 16}~~to~~ 14° 13' E

Ascend 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 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.

80.00

Set a Basalt stone 4 x 12 x 7 ins, 9 ins. in the ground for Cor, to Secs, 9, 10, 15^{Aug 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
Sail 2nd roll
Good grazing.

T15 N R 27 E G & S R M

chi

East on a random line bet
see's 10^{and} 15.

to 14^{and} 13' E

Ascend gradually

40.00

Set a temp 114 sec cor

79.92

Intersect N.T.S line 18' E

Set cor to see's 10, 11, 14^{and} 15,

Then down

S. 89^{and} 52' N on true line bet
see's 10^{and} 15, same as

39.96

Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for $\frac{1}{2}$ Sec, Cor,
marked $\frac{1}{2}$ 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.

79.92

To cor to see's 9, 10, 15^{and} 16

Land. Relinqu.

Soil. 2nd. sale

Good grazing

T15, N. R 27 E G. & S. T. M

chs

North bet sees: 9^{and} 10

W 14° 13' E

Ascend gradually

11.00

Enter dense cedar.

17.40

cedar 11 in diam.

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.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 3-4, 9^{and} 10 marked T. 13 N S. 3 on N. E. R. 27 S. 10 on S. E, S. 9 on S, W, and S, 4 on N, W, face, with 5-notch es on S, and 3 notch es 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.

Land Rolling

Soil. 2nd sale

T15 N R 27 E G & S R M

chs

Timber Dense Scrub cedar
Good prairie

East on a random line bet
secs 3^{and} 10. "

to 14° 13' E

Through scrub cedar

40.00

Set a temp 114 see cor

58.00

Top of ridge bears N W 8.8 100 ft
high, and descend

79.80

Intersect N + S line 14 lbs

South of cor to secs 2, 3, 10^{and} 11

Thence drive

S 89° 54' W on a true line bet
secs 3^{and} 10. same as

3990

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 27 E G & S R M

chs-

79.80

To cor to see's 3, 4, 9^{and} 10.

Land. Rolling

Soil, 2nd soil

Timber. Scattering scrub. Pecan

Good grazing

1
3
3

North on a random line to see's

3^{and} 4.

at 140, 13' E

Ascend gradually through

timber.

38.08

Leave dense timber near E + W.

40.00

See a bump '14 see cor

79.82

Intersect N Biting Sp 19 lbs

E of cor to see's 3, 4, 33^{and} 34

recently established by me

Thence down,

So: P'E on a true line to see's

3^{and} 4. same so.

T15.N.R 27 E G & S R M

chs

3982

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.

79.82

To cor to see's 3, 4, 9^{and} 10

Sand Rolling ~~sub.~~

Soil, 2nd rate - Good logging
Timber. scattering lead ore

I carefully examined the
adjustments of my solar compass
today, particularly the
latitude & reversing apparatus
and found them correct
A. P. Johnson.
Dec. 6th 1882

T15. N. R 27 E G. & S R M

chs

From the cor to sec⁴² 32^{and} 33
 on the south Boundary
 of the Twp. recently established
 by me. I am
 North to sec⁴² 32^{and} 33
 by 14° 14' E

Asens gradually.

40.00

Set a Basalt stone, 13 x 9 x 8 ins., 12 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.

80.00

Set a Basalt stone 10 x 14 x 4 ins., 12 ins. in
 the ground for Cor, to Secs, 28, 29, 32^{and} 33 marked
 with 1 notch on S. and 4 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,
 Soil. 2nd rate

T15, N. R 27 E G & S R M

chs

Good Faging

East on a random line bet
sees 28^{and} 33

to 149.13' E

Decreased gradually,

40.00 Set a temp - 14 sec cor

76.50 cross 10 day wash 10 lbs mesh
to S.E.

79.72 Intersect N 48 line 27 lbs

Soj cor to sees 27.28.28^{and} 34
Shine down.

890.48' N on a true line bet
sees 28^{and} 33. same as

89.86 Set a Sand stone, 12 x 11 x 6 ins., 8 ins.

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

T15. N. R 27 E G & S R M

chs

79.72 To cor to sees 28. 29. 32^{and} 33
 Sand Rolling
 Soil. 2nd run
 Good faying.

North bet sees 28^{and} 29.
 Va 14°. 13' E

Ascend Gradually

40.00 Set a Sand stone, 13 x 12 x 5 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.

80.00 Set a Sand stone 15 x 10 x 6 ins., 10 ins. in
 the ground for Cor, to Secs, 20. 21. 28^{and} 29 marked
 with 2 notches on S. and 4 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.

T15. N. R 27 E G & S R M

chs

Land. Rolling
Soil, 2nd ray.
Newgrowth Greasewood
Good grazing

East on a random line bet
secs 21^{and} 28

to 14° 13' E

Ascend gradually.

40.00 Set a temp 14 sec cor

86.88 Intersect N. & S line 12 lbs

S of cor to secs 21, 22, 27^{and} 28.

Turn down

S 89° 55' N on true line bet

secs 21^{and} 28. Same as

40.19

**Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for ¼ Sec, Cor,
marked ¼ S. on N face, dug pits 18 x 18 x 12
ins. E and W of post 5½ ft. dist. and raised
a mound of earth 1½ ft. high. 3½ ft. base. around
post.**

T15, N. R. 27 E G. & S R M

chis

80.88

To cor w sees 20, 21, 28 ^{and 29}
 Sand. Rolling.
 Soil. 2nd row, good grazing

North: 4th sees 20 ^{and 21}
 Va 140, 13° E -
 Asems. Graduals.

40.00

Set a Sand stone, 11 x 10 x 8 ins., 8 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on W
 face, dug pits 18 x 18 x 12 ins. N and S
 of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth
 $1\frac{1}{2}$ ft, high. $3\frac{1}{2}$ ft. base. alongside.

80.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs,
 16-17, 20 ^{and 21} marked T. 15-N S. 16 on
 N. E. R. 27 E S. 21 on S. E, S, 20 on
 S, W, and S, 17 on N, W, face, with 3 notch
 es on S, and 4 notch es 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.

T15.N.R 27 E G & S R M

ch

Land Rolling
Soil, 2nd rate
Good Grading

East on a random line bet.
sees 16^{ans} 21.

In 14° 13' E

Ascend gradually.

46.00

Set a temp - 14 sec cor

80.92

Intersect N + S line 15th N

1/2 cor to sees 15, 16, 21^{ans} 22.

Thence I run

N 89° 5' 4" N on a true line bet.

sees 16^{ans} 21. same as

46.11

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 27 E G & S R M

chs

80.22 To cor to sees 16, 17, 20 ^{and} 21.
 Land. Rolling
 Soil. 2nd rate -
 Good paying.

North lot-sees 16 ^{and} 17.
 In 140, 13' E

16.00 Assured gradually, in timber
 Enter timber line E ^{and} W.

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.

76.00 Leave timber line E, W.

80.00 Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins, in the ground for Cor, to Secs,
 8, 9, 16 ^{and} 17 marked T. 15 N S. 9 on
 N. E. R. 27 E S. 16 on S. E, S, 17 on

T15, N. R 27 E G & S R M

S, W, and S, δ on N, W, face, with 4 notches on S, and 4 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. around post.

Sand Rolling
Soil. 2nd row
Timber. Scattering cedar
Good grazing.

Post on a random line between
secs 9 and 16

to $14^{\circ} 13' E$

Ascend gradually.

25.00 Leave timber line N & + S. N.

40.00 Set a trip - 1/4 sec cor.

79.86 Intersect N + S line 26 lbs S

of cor to secs 9, 10, 15 and 16 -

Thence I run

S $89^{\circ} 49' W$ on a true line between

T15. N. R 27 E G & S R M

9 and 16 same as.

39.93 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.

79.86 To cor to see's 8, 9, 16 and 17,
Sand Rolling.
Soil, 2nd rare, good for grain.

North bet see's 8 and 9,

in 14° , $13'$ E

Descend through scattered timber.

25.00 Top Ridge bears E and W, soft high and descent

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

T15 N R 27 E G & S R M

chs

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

36.50

Depression bears E, N, W, and around.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 9 1/2 ins, in the ground for Cor, to Sees, 4.5.8 ~~of~~ 9 marked T. 15 N S. 4 on N. E. R. 27 E S. 9 on S. E, S, 8 on S, W, and S, 6' on N, W, face, with 5 notch on S, and 4 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.~~ around post. from which

A bevar 30 ins diam bears N 52' E. 37 lbs dist. Marked, T 15 N. R 27 E S 4 B. S. E.

A bevar 20 ins diam bears S 34° E. 67 lbs dist Marked T. 15 N. R. 27 E. S 9 B. S.

A bevar. 20 ins diam bears S 40° N 19 lbs dists Marked T. 15 N. R 27 E

T15.N.R 27 E G & S R M

chs

S. 8 B. 3.

A betw 24 mi diam cross N. 24° W.
25 lks dist. Marked T. 15 N. R. 27 E

S 8 B B. 3.

Land, Rolling
Soil, 3rd. rate

Timber, Dense Scrub. Cedars.

Good grazing

East on a random line W sees
4^{and} 9.

Ru 14° 13' E

Ascend gradually in timber

40.00

Set a temp - 14 see cor

79.62

Intersect N 18 line 21 lks

N of cor to sees 3, 4, 9^{and} 10.

Thence down.

N 89° 51' W on a true line W
sees 4^{and} 9. same val

T15.N.R 27 E G & S R M

chs

39.81

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 $\frac{1}{4}$ 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.

79.63

To cor to see's 4, 5, 8 and 9.
Land: Rolling Hills.
Soil. 2nd rate
Timber. Scrub cedar, (200 ft)
Good grazing.

North in a random line bet see's
4 and 5.

Pa 14° 13' E.

Ascending, through scattering
timber.

40.00

Set a trip 14 sec cor

79.60

Intersect A Boundary Dip
28 lbs E of cor to see's 4, 5

T15.N.R 27 E G & S R M

chs

32^{and} 33, recently established
by me.

Thence I run

To 12' E. on a true line bet-
sees 4^{and} 5, same as,

39.60 Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins, in the ground for $\frac{1}{4}$ Sec. (1)
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.

79.60 To cor to sees 4, 5, 22⁸ and 23⁹
Land. Rolling.
Soil, 3rd rate
Timber. Scattering Cedar
Undergrowth spr Bush
Good grazing.

I carefully examined the
all fastenments. Long solar

T15. N. R 27 E G & S R M

Chs

compass to day particularly
the latitude and reversing
apparatus and found them
correct.

G. M. Carson Comptroller
Dec. 6th 1882.

From the cor to sec's 31^{and} 32
on the south by the Tip
recently established by me
Iron

North ht. sec's 31^{and} 32

in 140. 14' E

Ascend gradually.

40.00

Set a Sand stone, 12 x 9 x 6 ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N
face, dug pits 18 x 18 x 12 ins. N and B
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.

X

T15.N.R 27 E G & S R M

chs

80.00 Set a Sand stone $2x12x9$ ins, 8 ins. in the ground for Cor, to Secs, 29, 30, 31 ^{and} marked with / notch on S. and 6-notch es 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 2nd soil
Good grazing.

Cast on a random line bet
secs 29 ^{and} 32.

In $14^{\circ}13'$ E

Over rolling ground.

40.00 Set a temp 14 sec cor

86.18 Intersect N + S line 36 lbs
N of cor to secs 28, 29, 32 ^{and} 33.
Thence down.

N $89^{\circ}45'$ W on a true line bet

T15, N. R 27 E G & S R M

chs

40.09

see's 29^{and} 32. Same as
 Set a Sand stone, 12 x 6 x 5 ins., 8 ins.
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N
 face, dug pits 18 x 18 x 12 ins. E and W
 of stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth
 1 $\frac{1}{2}$ ft, high. 3 $\frac{1}{2}$ ft. base. alongside.

80,118

To the cor to see's 29. 20. 31^{and} 32
 Sand, Rolling.
 Soil, 2nd rate good grazing
 A P Johnson.

Dec 7th 1882

T15.N.R 27 E G & S R M

Ls

West on a random line bet
secs 30^{and} 31.

to 14° 13' E

Ascend gradually over rolling
land.

40.00

Set a temp-¹/₄ sec cor

44.00

Top of spur bears N. E T S N.
and secures abruptly.

79.18

Intersect West Bldg Sp.
33 lks south of the corner
to secs 25. 30. 31^{and} 36. which
is a Sandstone 9+7 in
firmly set in the ground
and properly notched
with pits dug in each sec
of that
and mound of earth raised
alongside. Thence
I run

S 89° 46' E on a true line

bet secs 20^{and} 21. same as

T15.N.R 27 E G. & S R M

chs

39.18

Set a Sand stone, $15 \times 10 \times 7$ 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. 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.

79.18

To cor to sec's 29.30-31 ^{and} 32
Sand Rolling & hilly
Soil. ~~and~~ ^{and} ~~3rd~~ ^{3rd} ~~sale~~
Good grazing

E M Carson Comptroller
Dec 7th 1882

North 1/2 sec's 29 ^{and} 30
& 14° 13' E

Ascending gradually

40.00

Set a Sand stone, $12 \times 8 \times 6$ ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on N
face, dug pits $18 \times 18 \times 12$ ins. W and E
of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth.

T15.N.R 27 E G. & S R M

Chs

1½ ft. high. 3¼ ft. base. *along side*

20.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 19, 20, 29, 30 marked T. 15 N S. 20 on N. E. R. 27 S. 29 on S. E. 3, 3.0 on S, W, and S, 19 on N, W, face, with 2 notch 20 on S, and 5' notch 20 on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5½ ft. dist. and raised a mound of earth 2 ft. high. 4½ ft. base. ground post.

*Level, Rolling
Soil. 2nd rate.
Good grazing*

*East on a meadow line bet
secs 20 and 29
ca 14:15' E*

Over rolling land

40.00

Set a temporary ¼ sec cor

79.90

intersect at 78 line 2 slks

T15. N. R 27 E G & S R M

chis

W of cor to sees 20. 21. 28 ^{and 29}
 These Iron
 N 89° 49' W on a true line bet-
 sees 20 ^{and 29}.
 Ea 14° 13' 8

89.95- Set a Sand stone, 12 x 9 x 7 ins., 8 ^{inches}
 in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on W
 face, dug pits 18 x 18 x 12 ins. S 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.

79.90 To cor to sees 29. 20. 29 ^{and 30}
 Sand. Rolling
 Soil. ~~good~~ sale.
 Good grazing
 I carefully examined the
 adjustments of my solar
 compass to say particularly
 the latitude and reversing
 apparatus & found them correct.
 A. P. Johnson, Dec 7. th 1882

T15. N. R 27 E G & S R M

Ch's

West on a random line
 set sees 19^{and} 20
 bearing 14° 15' E

Ascending gradually over
 rolling land.

40.00 Set a temporary 1/4 sec cor.
 38.96 Intersect N. Boundary. $26'$
 26 lbs Sof cor to sees 19. 24
 25. ^{and} 30, which is

A Post of iron square, firmly
 set in the ground properly
 marked ^{and} notched, with
 pits dug in each see $5\frac{1}{2}$
 ft. dist and mound of earth
 raised around post.

Thence I ran
 889.49' E on a true line
 set sees. 19 ^{and} 20.
 bearing 14° 15' E

T15. N. R 27 E G & S R M

chs

38.96 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 $\frac{2}{4}$ 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.

78.96

To cor to sec's 19, 20, 29²⁴ & 30
 Land. Rolling hills
 Soil: 2nd rate
 Grazing good.
 G. M. Compassion
 Dec 7th 1882

I

North lot sec's 19 and 20
 Ea. 140 15' E

40.00

Ascending Gradually
 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 $\frac{1}{4}$ 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.

T15. N. R. 27 E G. & S R M

chis

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 17, 18, 19. ²⁰ marked T. 15-21 S. 17 on N. E. R. 27 S. 20 on S. E, S, 19 on S, W, and S, 18 on N. W. face with 3 notches on S, and 5 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. around post.

Land. Rolling
Soil, 2nd rate
Good Grazing

East on a random line to
see's 19th & 20.

Ca 140° 15' E

Descend gradually,

40.00

Set a temporary 1/4 sec cor

79.75

Intersect N & S line 30 lbs

So of cor to see's 16. 17. 20 ^{Aug 21}

T15. N. R 27 E G & S R M

chs

Fence Iron

S 89. 47' W on a true line
bet sees 17^{and} 20. same ea

89. 87.

Set a Sand stone, 11 x 9 x 9 ins., 8 ins.
in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$ on N
face. Dig 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. 73

Tacos to sees 17. 18. 19^{and} 20

Sand. Rolling

Soil. 2nd run -

Good grazing.

A. P. Johnson Dec 7th 1882West on a random line bet
sees 18^{and} 19

ea 14; 15 E

Over rolling land.

T15. N. R 27 E G & S R M

chs.

- 40.00 Set a temporary $\frac{1}{4}$ sec cor
- 78.53 ~~Intersect N. Boundary Tp~~
17 lks N of cor to sees 13, 18, 19 ^{and}
24. which is
A Post of iron square set
firmly in the ground properly
marked and notched with
pits dug in each see $5\frac{1}{2}$
ft dist and mound of earth
raised alongside.
Thence run
N $89^{\circ} 53'$ E on a true line
bet sees 18 ^{and} 19. same ea
- 38.53 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.
- 78.53 To cor to sees 17, 18, 19 ^{and} 20
Sand. Rolling hills.

T15.N.R 27 E G & S R M

chs

Soil. 2nd rate

Good grazing

E.M. Carson, Comptroller

Nov 7th 1882Nov 7th 1882North lot Secs 17 ^{and} 18.

Ea 14° 15' E

Ascend 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 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.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 7, 8, 17 ^{and} 18 marked T. 15° N S. 8 on N. E. R. 27 S. 17 on S. E, S, 18 on S, W, and S, 7 on N, W, face, with 4 notches on S, and 5 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 ft.

T15. N. R 27 E G. & S R M

chs

and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft.
base. around post.

Lands Hilley
Soil. ~~3rd~~ soil
Good growing

East on a random line let
sees 8 ^{Aug} 17.

2a 14° 15' E

Ascending gradually,

40.00

Set a temporary 1/4 sec cor

80.14

Intersect N & S line

19 lbs N of cor to sees 8, 9, 16
^{Aug} 17. Thence I run

N 87° 32' W on a true line

let sees 8 ^{Aug} 17, same 2a

40.07

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 N of post $5\frac{1}{2}$ ft. dist. and raised

T15 N R 27 E G & S R M

chs

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

80.14

To Cor to Secs 7, 8, 17 ⁴18

Quar rolling

Soil. 2nd sal

Good grazing

A P Johnson Dec 7th 1882

West on a random line
between 7th 18

to $14^{\circ}15' E$

Over rolling ground

40.00

Set a temporary $\frac{1}{4}$ sec cor

98.84

Intersect W B line T^h 9 lks

So of cor 7.12.13 ⁴18. which
is. A Post 4 in square
firmly set in the ground
properly notched ^{and} marked
with pins dug in each sec

T15.N.R.27 E G & S R M

also

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

Thence down

S 89° 56' E on a true line

between 7^{and} 18, same to

38.84

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.

78.84

To cor to sees 7. 8. 17. ^{and} 18.

Land. Rolling hills.

Soil. 2nd rate

Scrubb. cedar

Good grazing.

G. M. Carson Comptroller

1000 7th 1882

T15. N. R. 27 E G. & S R M

chs

North lat. sees 7^{and} 8
 ca 140. 13' 8

29. 60

Ascending gradually.
 Entire dense timber here.
 E^{and} W.

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.

80. 00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Sees, 6. 6, 7^{and} 8 marked T. 15 N. S. 5 on N. E. R. 27 E S. 8 on S. E, S, 7 on S, W, and S, 6 on N, W, face, with 6-notch e on S, and 5-notch es on E. edges, dug pits 13 x 13 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.

Sand. Rolling
 Soil. 2nd rate

T15. N. R. 27 E. G. & S. R. M.

chs

Timber. Scattered Cedar
Good grazing

East on a random line
bet. sees 5 and 8.

Tw 144.13' E

Descending through scattered
Cedar

40.00 Set a temporary 1/4 sec cor

80.35 Intersect N + S line 44 lbs

N of cor to sees 4, 5, 8 and 9.

Thenar Iron

N 89° 41' W on a true line bet.

sees 5 and 8. Same as

40.18

Set a post 3 ft. long 3 ins. diam with mark of
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 27 E G & S R M

obs

80.35

To cor 2 sees 5, 6, 7 and 8,
Sand, Rolling

Soil, 2nd fall

Timber scattered cedar

Wood grazing

A. P. Johnson Dec 7th 1887Went on a sand on line
bet sees 6 and 7.

at 149.15' C

Ascend gradually

10.00

Top of Ridge now N. 15
and descend. gradually.

40.00

Set a temporary 1/4 sec cor

78.73

Intersect N. Boundary Sp.

31 lbs S of cor to sees 1, 6, 7 and 1/2
which isAt Post 4 this square set
firmly in the ground

T15, N. R. 27 E G. & S R M

obs

properly marked and
marked with pits: dug out
Each see 5-1/2 ft dist and
mound of earth raised
around post.

Thence S. 42° E

889° 42' E on a true line
between 6th & 7th same cor

38-73

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 W 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.

78-73

To corner to see's 5:6.7^{and} 8
Land. Rolling
Soil: 2nd sale -
Good grazing.

T15 N. R 27 E G & S R M

Chs

North on a random line
let sees 5 and 6.

in $14^{\circ}18' E$

Ascend gradually.

30.00 Enter timber near E. & W.

40.00 Set a temporary '14 sec cor

50.00 Top of ridge near $N. 20^{\circ} E$ &
 $S 20^{\circ} W$. and descend

59.48 Intersect N Boundary Sp
59 lbs west of the cor to
sees 31, 32, 5 and 6, recently
established by me

Thence. I run

$S 0^{\circ} 25' N$ on a true line let
sees 5' and 6. same as

39.48 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 $18 \times 18 \times 12$
ins. N and S of post $5\frac{1}{2}$ ft. dist. and raised
a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base. around
post.

T15.N.R 27 E G & S R M

chs

79.48

To cottages 5, 6, 7 and 8.

Sand. Rolling

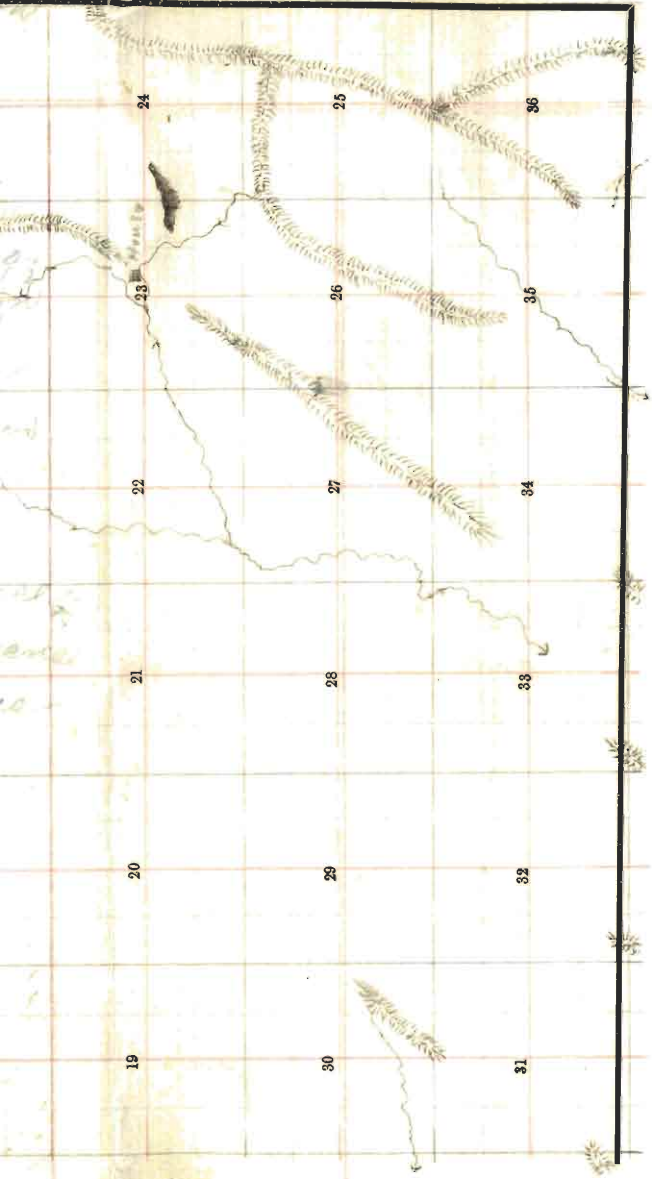
Soil. 2nd rate -

Good grazing.

L. M. Carson Comptroller

Dec 7th 1882

I carefully examined the adjustments of my solar compass to day. Particularly the Latitude and leveling apparatus and found them correct.



TOWNSHIP PLOT.

Meridian Line,

Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work,

77

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 27 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. P. Smith
Surveyor General.