

BOOK 1452

+ P-1

No 3.

Corrected

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revised copy
of this*

See Index Field Notes

*Corrected
see index*

OF THE SURVEY OF

No. 1457

1st Auxiliary Meridian
East bet. 1st and 2^d
Standard South
Gila & Salt River
Meridian

Sala Cruz Guide Mer. Thru 7 ps 9-10 S bet. R^s 10-11 E

Gila and Salt River Base and Meridian

BOOK 1452

ARIZONA.

By R. C. Powers D. S.

Under contract dated July 20 1883.

Survey commenced Nov 27th 1883.

Survey completed March 20th 1885.

*Approved - by Com^r G. L. C.
February 27, 1890.*

1452

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Book No 5

Santa Cruz guide meridian
 and
 1st. Auxiliary meridian

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Retracing.

of Santa Cruz Guide Meridian

through T₁₀ S. R₁₀ 10 + 11 E
 from the stand. line to T₁₀ S. R₁₀ 10 + 11

Chairs recently re-established by me & run

North bet. Secs. 31 + 36.

T_a 13° 12' E.

Soil to find old cor. and

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. from which a Meq. 8 in. dia. has N. 45° W. 277 lbs dist. marked $\frac{1}{4}$ S. B. T.

Soil to find old cor. and

80.00

Set a post 4 ft. long 4 ins. sqare, with marked stone, 12 ins, in the ground for Cor. to Secs. 25. 30. 31 + 36 marked T. 10 S. S. 30 on N. E. R. 11 E S. 31 on S. E. S. 36 on S. W, and S. 25 on N, W, face, with $\frac{1}{4}$ notch on S, and 5 notch on N 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 from which
 a Meq. 8 in. dia. has N. 45° W. 277 lbs dist. marked T₁₀ S. R₁₀ E. S. 25 W. T.
 N. 45° W. 277 lbs dist. marked T₁₀ S. R₁₀ E. S. 30 W. T.

Land level, Soil 2' rate.
 Please brush the entire route.

Retracing of Santa Cruz

chain

North bet. Secs. 25 & 30

Part to find old corner and $N 13^{\circ} 12' E$

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, from which a Pelocarde 8 in. dia to S. 85° W. 65 lbs dist. marked $\frac{1}{4}$ S. B.T.

80.00

Part to find old cor. and

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 19, 24, 25 & 30 marked T. 10 S. S. 19 on N. E. R. 11 E S. 30 on S. E, S, 25 on S, W, and S, 24 on N, W, face, with 2 notch⁰⁰ on S, and 4 notch⁰⁰ on N 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, from which a Pelocarde 12 in. dia to N. 30° W. 82 lbs dist. marked S. S. R. 11 E. S. 24 B.T. a Pelocarde 12 in dia. to N 10° E. 118 lbs dist. marked S. S. R. 11 E. S. 19 B.T.

Land level, Soil 2nd rate.

Some land the entire mch.

4

Grade Meridian through T. 10 S.

chains

North bet. Secs 19 & 24

Trail to find old cor. and $N 13^{\circ} 12' E$

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 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. from which a mag. 8 in. dia. to $S 80^{\circ} E. 274$ the dist. marked $\frac{1}{4}$ S. B. T.

Trail to find old cor. and

8000. Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 18, 19, 24 marked T. 10 S, S. 18 on N. E. R. 11 E S. 19 on S. E. R_{10}^E S. 24 on S, W. and S; 13 on N, W. face, with 3 notches on S, and 3 notch ~~ED~~ on N 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. from which a mag. 10 in. dia. to $S 40^{\circ} W. 105$ the dist. marked T. 10 S R. 10 E. S. 24 B. T.

✓ Lined level, Soil 2 d. rate.
Dune brush the entire mile.

Retracing of Santa Cruz

claims

North bet. Secs. 13 & 18

T_a 13° 12' E

4000

Trail to find old cor. and

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. from which a Measuring line dia. to S 20° E. 85 lbs dist. marked $\frac{1}{4}$ S. B. T.

8000

Trail to find old cor. and

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 7. 12. 13 & 18 marked T. 10 S S. 7 on N. E. R. 11 E S. 18 on S. E. S. 13 on S; W, and S, 12 on N, W, face, with 4 notches on S, and 2 notches on N 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. from which a Meas. 8 lbs. dia. to N. 38° E. 42 lbs dist. marked S. 10 S. R. 11 E. S. 7 B. T.

hard level. Soil 2^d rate.Since found the two entire mile

Inside Meridian through $\frac{1}{2}$ 10 S.

claim

North bet. Secs. 7 & 12

Trail to find old cor. and ^{to} $13^{\circ}11'E$.

40.00

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 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, from which a Weg. 10 ins. dia. br S. 50° W. 45 lbs dist. marked $\frac{1}{4}$ S. B. T.

68.60

a Road br Ea W.

73.80

a West 10 lbs wide drains W.

80.00

Trail to find old cor. and
Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs. 1, 6, 7 & 12 marked T. 10 S. S. 6 on N. E. R. 11 E S. 7 on S. E. S. 12 on S. W. and S, 1 on N, W, face, with 1 notch on N and 5 notches on S 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, from which a Weg.

un. from wood 18.

10 in. dia. br N. 50° W. 155 lbs dist. marked G. 10 S. R. 10 E. S. 1 B. T. S. 20 Z. 217 J. 10 S. R. 11 E. S. 7 B. T.

Land level, Soil 2 d. rate.

Several brush & some trees the entire

Retracing of Santa Cruz

chains

North bet. Secs. 1 & 6.

128.00

2 Weep 10 lbs mid drain ^{Ya 13012'E}
 Part to find old corner and

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. from which a Paloverde 8 ins. dia br 570° E. 191 lbs dist. marked $\frac{1}{4}$ S. B. T.

20.00

Part to find old cor. and

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to ^{Sp}
 9x10 S. R. 10411 E marked T. 9S ^{Q. 7.5} S. 31 on
 N. E. R. ^{R. 10 E} S. 6 on S. E, S. 1 on
 S, W, and S, 36 on N, W, face, with 6 notches
 on each ^{lengthwise on (left) edge dug}
 pits 24 x 18 x 12 ins. in each Sec. $\frac{1}{4}$ ft. dist.
 and raised a mound of earth 2 $\frac{1}{2}$ ft. high. ^{Q. 7.5} ft.
 base. around post. from which a Dromwood

2 Meqmt. 18

15 ins. dia. br N. 25° W. 48 lbs dist. marked T. 9S. R. 10 E. S. 36
 S. 95° E. 262 T. 10 S. R. 112. S. 60.

Land level. Soil 2d set.

Severe brush the entire mile.

Gride Meridian through 9 10 S.

chains

From the cor. to the 9x10 S. Po 10211 E. just established

North bet. Secs. 31 & 36

29.50
35.00
40.00

a Road bet. 4. W. α 13° 12' E
a Wash 15 lbs wide drain W.
Travel to find old cor. and

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 a Wash 15 lbs wide drain West.

Part to find old cor. and

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 25.30.31 & 36 marked T. 9 S S. 30 on N. E. R. 112 S. 31 on S. E. S. 36 on S. W. and S. 25 on N. W. face, with 5 notches on N and 1 notch on S 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. from which a meynote

sim. dia. to 9.25 E. 40 lbs dist. marked 9 S. R 112 S. 30 B. T.
a meynote 5' 9 45 W. 42' S. 9 S R 102 S. 25 B. T.

Land level, Soil 2d rate.

Have back the entire mile.

At 12 o'clock I took latitude and found it to be 37° - 37' N. Examine my instrument & found it in good adjustment
Nov. 3d 1883

Retracing of Santa Cruz Gravel

chains

North bet. Sees 25 & 30.

39.50

2 Weap 15 lbs mid drains $\text{Ta } 130^{\circ} 10' \text{ E}$
Part to find old cor. and

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. from which an Ironwood line. di.
br South 15th dist. marked $\frac{1}{4}$ S. B. S.

42.00

Dry Weap 20 lbs wide drains W.

48.00

" " 15 " " " " W.

79.00

Part to find old cor. and " W.

80.00

Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins. in the ground for Cor, to Sees,
19, 24, 25 & 30 marked T. 95 S. 19 on
N. E. R. 11 E S. 30 on S. E, S, 25 on
S, W, and S, 24 on N, W, face, with 4 notches
on N and 2 notch es on S 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. from which an Ironwood

27 ins. di. br S 43° E. 71 lbs dist. marked 998. R. 11 E. S. 30 B. S.

Land level, Soil 2^d rets.

Burn brush the entire mile.

✓

No. 145th

Meridian through T₉S.

claims
1.00
20.00
30.00
40.00

North bet. Secs. 19 & 24.
Dry Wash 17 lbs wide drains N. 13° 10' E.

Fail to find old cor. and
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. 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. from which a Paloverde 8 in. dia br S. 60 lbs dist. marked 1/4 S. D. T.

72.00
80.00

Dry Wash 10 lbs wide drains N.
Fail to find old cor. and
Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 13. 18. 19 & 24 marked T₉S. S. 18 on N. E. R. 11 E S. 19 on S. E, S, 24 on S, W. and S, 13 on N, W. face, with 3 notches on N and 3 notches on N 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 Mesquite

being dist. to N. 14 lbs dist. marked T₉S. D. 10 & 11 E. S. 13 & 18 D. T.

Land level, Soil 2^d rate.
Same mark the entire mile.

Retracing of Santa Cruz

chain

North bet. Secs. 13 & 18.

To 13° 10' E.

40.00

Part to find old cor. and

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.

49.00

Dry Wash 25 lbs wide drains N.

80.00

Part to find old cor. and

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 7, 12, 13 & 18 marked "95 S. 7 on N. E. R. 11 E S. 18 on S. E, S. 13 on S, W, and S, 12 on N, W, face, with 4 notch^{oo} on S, and 2 notch^{oo} on N 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 level, Soil 2 d. set

✓

House Built the entire width

Guide Meridian through T⁹ 9 S

chains

North bet. Secs. 7 & 12

Part to find old cor. and T⁹ 13° 10' E

40.00

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 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. from which a Meas. 8 ins. dist. to S. 20 lb dist. marked $\frac{1}{4}$ S. B. T.

41.10

A. Wash 10 lbs. across W.

42.80

" " 15 " " "

53.30

" " 20 " " "

62.00

Part to find old cor. and "

80.00

Set a post 4 ft. long 4 lbs. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 1.6. 7 & 12 marked T. 9 S. S. 6 on N. E. R. 11 E S. 7 on S. E, S. 12 on S. W, and S. 1 on N, W, face, with 5 notches on S, and 1 notch on N 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 level, Soil 2nd set.
Stone mark the entire mile.

Retracing of Santa Cruz

chains
 10.20
 16.90
 27.00
 40.00

North bet. Secs. 1 & 6
 a Wash 10 lbs mid. diam W. $N 13^{\circ} 10' E$
 " " 15 " " " "
 " " 15 " " " "
 Soil of find old cor. end

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.

52.00
 60.00

a Wash 15 lbs mid. diam W.
 " " 20 " " " "

Soil to find old cor. end

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to $\frac{1}{4}$ S, 8×9 S. R. 10 & 11 E marked T. 8 S. S. 31 on N. E. R. 11 E S. 6 on S. E. S. $90^{\circ} 95'$ 1 on S, W, and S, 36 on N, W, face, with 6 notches

Each $\frac{1}{2}$ ft. edge, dug pits $2\frac{1}{2}$ x 18 x 12 ins, on each Sec. $2\frac{1}{2}$ ft. dist. of post $2\frac{1}{2}$ ft. dist. and raised a mound of earth $\frac{1}{2}$ ft. high 5 ft. base. around post. from which a Mesquite

8 ins. dia. on $N. 44\frac{1}{2}^{\circ} E. 127$ lbs dist. marked T. 8 S. R. 11 E. S. 31 B. T.
 Sand level. Soil 2^d rate.
 Hence found the entire mile.

Guide Meridian through T₉S.

General Description.

The land along this line is mostly
2^d rate, and would if irrigated
produce good crops.

There is a dense growth of
Brush and some scattering
trees, along this line.

Water can be found about
100 ft. below the surface.

Nov 7th 1883.

1st Auxillary Meridian East

On the night of Nov 2^d 1883
 I took an observation on the
 Star Polaris in accordance
 with instructions contained
 in the Manual of Surveys,
 and drove pickets on the
 line thus established
 Survey commenced Nov 3^d 1883,
 with Burt's Improved
 Solar Compass.

Before commencing this survey
 I set my compass on the line
 established last night and
 find it correct. I begin at Stand
 Cor. to Tps 10 S. R 42 E. which
 is a post 4 ins. sq. set firmly in the
 ground marked S. C. Nos. on N.
 R 5 E. S. 31 on E. and R 42. S. 36 on
 N. face, with notches on ~~the~~ ^{the} wedges
 with pits N. E. & N. of post 4th dist.
 and mounds of earth around post.
 Thence I run

Rs. 445-E,through $\frac{1}{2}$ 100. $\frac{1}{2}$ S. R. M.

Asm

North bet. Secs. 31 & 36.

Va $13^{\circ} 10' E$
ascending over high hills.

40.00

Set a granite stone, $13 \times 10 \times 10$ ins., 8 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. $\frac{1}{2}$ and $\frac{1}{2}$ 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 ~~limestone~~ stone $15 \times 11 \times 7$ ins., 10 ins. in the ground for Cor, to Secs, 25, 30, 31 & 36 marked with 1 notch on S. and 5 notch on N edges, dug pits $18 \times 18 \times 12$ ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base. alongside.Land mountainous Soil 3^d set
Wood land & some trees the entire
mile.

set₂ Antillian Mountain

chain

North bet. Secs. 25 & 30
 $\gamma = 13^{\circ}10'E$

ascending.

along N. slope of Mt. L. Mountain Range

4000 Set a granite stone $12 \times 12 \times 8$ 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.

45.20 a Well 38 lbs wide down W.

8000 Set a granite stone $10 \times 9 \times 7$ ins., 7 ins. in the ground for Cor, to Secs, 19, 24, 25 & 30 marked with 2 notch on S. and 4 notch on N edge. 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 mountainous, Soil 3^d set
 dense forest and some trees the
 cubic mile.

East through Sp 10 S.

Chalms

North bet. Secs. 19 & 24

N^o 13° 10' E

ascending along W. slope of high Mountain

40.00 Set a lime stone, 13 x 12 x 10 ins., 9 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.

64.20 A Wash 27 lbs north drain W.

78.00 " " 30 " " " W.

80.00 Set a granite stone 15 x 10 x 8 ins., 10 ins. in
the ground for Cor, to Secs, 13, 18, 19 & 24 marked
with 3 notches on S. and 3 notches on N edges.
dug pits 18 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 mountainous, Soil 3^d rate
Sunset land and some trees the
entire work.

1st Auxiliary Meridian

chains

North bet. Secs. 1 & 6
ascending over Mt. Mountain

40.00

Set a volcanic stone, 15 x 12 x 9 ins., 10 ins. in the ground for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ 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.

48.50

Summit of Mountain descend

80.00

Set a volcanic stone 14 x 10 x 7 ins., 10 ins. in the ground for Cor. to Tps. 9 & 10 S R 4 & 5 E, marked with 6 notch es on each edge or each line S, N, E, W of stone, dug pits 24 x 18 x 12 ins. lengthwise, 6 ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high, 5 ft. base. alongside.

Land mountainous, soil \odot & rate
dense brush the entire route.

East through Sp 10 S.

Chadms

From cor. to Sp 9 x 10 S. R 4 x 5 E.
 From North bet. Secs. 31 & 36
 Va 13' 15" E

25.00

Ascending.
 Enter Pass.

40.00

Set a volcanic stone, 13 x 10 x 7 ins., 9 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.

55.00

Leave Pass. and ascend over ridge

65.00

Enter valley ^{no} 24 W.

70.15

& Road to Casa Grande to W. E.

80.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor. to Secs.

25.30.31 & 36 marked T. 95 ^{R 4 E} S. 30 on

N. E. R. 5. E S. 31 on S. E. S. 36 on

S, W, and S, 25 on N, W, face, with 1 notch

on S, and 5 notches on N 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.

top ground post.

Land 65.00 ch. mountainous Soil & Strat
 Sure bank the entire mile

1st Auxiliary Meridian

claim

North bet. Secs. 25 & 30

12.23

a Road by G. W.

Ya 13° 12' E

29.60

a Dutch drain N. 60° 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.

78.00

A Road to Mine by E & W

80.00

Set a volcanic stone 15 x 12 x 10 ins., 10 ins. in the ground for Cor, to Secs. 19, 24, 25 & 30 marked with 2 notches on S. and 4 notches on N 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. Soil 2^d rate.

Clear brush the entire mile.

At 12 o'clock M took latitude and found it to be 32° 38' Examine adjustment of my instrument and found it correct Nov. 5. 1853

East through Sp 9 S.

claim

North bet. Secs. 19 & 24
ascending. $\gamma = 13^{\circ} 10' E$
& Round Butte to left.
a Road to mine bet S. 2 & N. 24.

11.50

31.50

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 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.

8000

Set a volcanic stone 12 x 8 x 8 ins, 8 ins. in the ground for Cor, to Secs, 13. 18. 19 & 24 marked with 3 notch ∞ on S. and 3 notch ∞ on N 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 ascending north, Soil 3rd mt
Bluse brook the upper mile.

1st Auxillary Meridian

Chain

North bet. Secs. 13 & 18
 Ta $130^{\circ}10'E$

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.

64.00

a Ridge ^{was} ~~marks~~ W.

80.00

Set a volcanic stone 13 x 10 x 9 ins, 9 ins. in the ground for Cor. to Secs, 7-12, 13-18 marked with 4 notches on S. and 2 notches on N 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, Soil 2^d rate
 ✓ Cause bank the entire mile.

East through L. P. & S.

claim

North bet Secs. 7 & 12

21.00 Summit of Ridge to N ^{Va 13° 12' E} and descend

40.00 Set a volcanic stone, 12 x 10 x 10 ins., 8 ins.
in the ground for $\frac{1}{2}$ Sec. Cor, marked $\frac{1}{2}$ 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.

46.00 a small wash drains N

71.00 ascend over Round Hill

80.00 Set a volcanic stone 21 x 6 x 6 ins., 15 ins. in
the ground for Cor. to Secs. 1, 6, 7 & 12 marked
with 5 notches on S. and 1 notch on N 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 mountainous, Soil 3d rate
Dense brush the entire route
some Peloverch.

✓

1st Auxilliary Meridian

chain

North bet. Secs. 14 & 6.

$\frac{1}{2}$ 13° 10' E

Descending

12.00

a Wash rolls drain W and around

40.00

Set a volcanic stone, 14 x 12 x 6 ins., 9 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.

62.00

a Ridge bn W. and descend

73.10

a Wash rolls wide drain W.

80.00

Set a volcanic stone 20 x 8 x 6 ins, 15 ins. in the ground for Cor, to Tps. 8 & 9 S. R. 4 & 5 E marked with 6 notches on each edge. dug pits 24 x 18 x 12 ins. $\frac{1}{2}$ S. E. W of stone $6\frac{1}{2}$ ft. dist. and raised a mound of earth $\frac{1}{2}$ ft. high, 5 ft. base, alongside.

Lead mountain, Soil 3 & 4 set
 Mine bench the entire mile

✓

No. 145W

East through Sp 9 S.

chain from the cor. to Sp. 8 + 9 S. to 4 + 5 E. just established
 North bet. Secs. 31 + 36
 Va 13° 12' E

40.00 Set a volcanic stone, 12 x 12 x 10 ins., 8 ins.
 in the ground for $\frac{1}{2}$ Sec, Cor, marked $\frac{1}{2}$ 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 volcanic stone 20 x 12 x 4 ins., 15 ins. in
 the ground for Cor. to Secs. 25. 30. 31 + 36 marked
 with 1 notch on S. and 5 notches on N 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 rocky and unsuitable
 Soil 2^d rate. Dense brush the
 entire mile.

1st Auxillary Meridian

chains

North bet. Secs. 25 & 30

Val 3° 10' E

- 31.20 ascending over ridge
Summit of Ridge bet W.
- 40.00 Set a volcanic stone, 15 x 10 x 10 ins., 10 ins. in the ground for $\frac{1}{4}$ Sec, Cor, marked $\frac{1}{4}$. on W face, dug pits 18 x 18 x 12 ins. 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.
- 45.20 a Wash ^{200 yds north} stream E. thence over ridge
- 52.00 Summit of Ridge
- 61.20 a Wash ^{1000 yds north} stream 2 and down in feet near 300 yds E.
Ascend
- 8000 Set a volcanic stone 12 x 8 x 6 ins, 8 ins. in the ground for Cor, to Secs, 19, 24, 25 & 30 marked with 2 notch ^{es} on S. and 4 notch ^{es} on N 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 mountainous, Soil & death
Dense brush the entire run.

East through T^p & S.

Chetm

North bet. Secs. 19 & 24.

Ya 13° 10' E.

3.20

Descending.

a Wash 2000 yds wide drains N 70° E.

40.00

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

49.50 Enters open Plains.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs; 13. 18. 19 & 24 marked T. 85' S. 18 on N. E. R. 5 E. S. 19 on S. E. ^{R 4 E} S. 24 on S, W, and S, 13 on N, W, face, with 3 notches on S, and 3 notches on N 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 49.00 also numerous

Soul & ret, 31.00 also level soil 2 feet

dense brush the entire mile

1st Auxilliary Meridian

chain

North bet. Secs. 13 & 18
 Va $13^{\circ}10'E$

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 post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor, to Secs, 7. 12. 13 & 18 marked T. 8 $\frac{S}{R_{41}}$ S. 7 on N. E. R. 5 E S. 18 on S. E. S. 13 on S, W, and S, 12 on N, W, face, with 4 notches on S, and 2 notches on *N* 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 level, Soil 2^d rate.

✓ - Dumbornh the entire work.

at 12 o'clock m. took latitude and found it to be $32^{\circ} - 44' N$. Examined the adjustment of the instrument - correct
 Nov. 6. 1853

East through T. 8 S.

Chain

North bet. Secs. 7 & 12
T_c 13° 10' E

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. 1. 6. 7 & 12 marked T 8 S S. 6 on N. E. R. 5 E S. 7 on S. E. S. 12 on S. W. and S. 1 on N. W. face, with 5 notches on S, and 1 notch on N 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 level, Soil 2^d rate
 ✓ Clear brush the entire work

1st Auxillary Meridian

claim

North bet. Secs. 1 & 6

N 13° 12' E

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 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 $\frac{1}{4}$ ft. high, 3 $\frac{1}{2}$ ft. base. around post.

8000

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to $\frac{1}{4}$ Sec. N. E. R. 5 E marked T. 75. S. 31 on S. E. S. 36 on S. W. and S. 1 on N. W. face, with 6 notches

on each lengthwise and with 75 ft. edge, dug pits 24 x 18 x 12 ins. in each Sec., 58 ft. dist. and raised a mound of earth 2 $\frac{1}{2}$ ft. high, 4 $\frac{1}{2}$ ft. base. around post.

hand level, Soil 2^d rate
Dune bank the entire mile

East through T_p 8 S_i

Chains From the cor. of T_p 8 S_i R₄ E₂ E. from established line
 North bet. Secs. 31 & 36
 T_a 13° 10' E

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 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.

8000

Set a post 4 ft. long 4 in. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 25, 30, 31 & 36 marked T₇ S₃₀ on N. E. R. 5 E ~ S. 31 on S. E, S, 36 on S, W, and S, 25 on N, W, face, with 1 notch on S, and 5 notches on N 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 level, Soil 2^d rate
 ✓ Same track the entire mile.

1st Auxilliary Meridian

chains

North bet. Secs. 25 & 30
 $\gamma 13^{\circ} 10' E$

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 *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.

8000

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30 marked T. 7 S $124^{\circ} 19'$ on N. E. R. $5^{\circ} E$ S. 30 on S. E. S. 25 on S. W. and S. 24 on N. W. face, with 2 notches on S. and 4 notches on *N* 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.

Level level, Soil 2^d rate
 Runse back the entire work

East through T^p 4 S.

chain

North bet. Secs. 19 & 24
 Va 13° 10' E

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 $7\frac{1}{2}$ 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, 13, 18, 19 & 24 marked T. 75° 24' E S. 18 on N. E. R. 52 S. 19 on S. E. S. 24 on S. W. and S. 13 on N. W. face, with 3 notches on S, and 3 notches on N 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 level, Soil 2^d rate.
 dense brush the cut in rock.

1st Auxiliary Meridian

chains

North bet. Secs. 13 & 18
T_a 13° 10' E

40.00

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

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 7, 12, 13 & 18 marked T. 7 S. S. 7 on N. E. B. 5 E. S. 18 on S. E. S. 13 on S. W. and S. 12 on N. W. face, with 4 notches on S. and 2 notches on N 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 level Soil 2^d rate,
House built the entire mile

East through Sp 7 S.

Chain

North bet. Secs. 7 & 12
Va 13° 10' E

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, 1.6. 7 & 12 marked T. 7 S. S. 6 on N. E. R 5 E S. 7 on S. E. S. 12 on S, W, and S, 1 on N. W, face, with 5 notches on S, and 1 notch on N 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 level, Soil 2^d rate

✓ Please break the entire work.

At 12 o'clock M I took latitude, which I found to be 32° 51' N. Examined my instrument and found it in good adjustment. Nov. 7. 1883

1st Auxiliary Meridian

chains

North bet. Secs. 1 & 6
 No 13° 10' E

4000

Deposited a marked stone 12 ins. in the ground for $\frac{1}{2}$ Sec. Cor. dug pits 18 x 18 x 12 ins. N and S of stone 50 feet dist and raised a mound of earth $\frac{1}{2}$ ft. with $\frac{3}{4}$ ft. base over it. In N. pit drove a stake $\frac{1}{2}$ ft. long 2 ins. sq. 12 ins. in the ground marked $\frac{1}{2}$ S. on W face.

8000

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Tp. 6 & 7 S. R. 4 & 5 E marked T. 6 S. S. 31 on N. E. R. 52 S. 6 on S. E. S. 1 on S. W. and S. 36 on N. W. face, with 6 notches

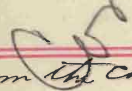
Each on each line N. by E. & W. of edge dug pits 18 x 18 x 12 ins. length 6 ft. dist. and raised a mound of earth $\frac{1}{2}$ ft. high 5 ft. base. around post.

Land level, Soil & date
 Must mark the submerse

✓

[Faint signature]

East through T⁶ & S.



Lains from the Cor. of T⁶ & S No 4 & 5 E. just established
 North bet. Secs. 31 & 36
 Va 13° 12' E

40.00

Set a post 3 ft. long 3 ins. diam with marked stone, 12 ins. in the ground for: Cor, marked 1 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, 25. 30. 31 & 36 marked T. 6 S^{24E} S. 30 on N. E. R. 5 E S. 31 on S. E. S. 36 on S, W. and S. 25 on N, W. face, with 1 notch on S, and 5 notches on N faces. 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 level Soil 2^d rate
 Burn brush the entire row.

1st Auxilliary Meridian

chains

North bet. Secs. 25 & 30
 T₁ 13° 12' E!

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 S. on W face, dug pits 18 x 18 x 12 ins. N and S of post 5 1/4 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. 19, 24, 25 & 30 marked 1.6 S. S. 19 on N. E. R. 5 E S. 30 on S. E. S. 25 on S. W. and S. 24 on N. W. face, with 2 notches on S, and 4 notches on N edges, dug pits 18 x 18 x 12 ins. in each Sec., 5 1/4 ft. dist. and raised a mound of earth 2 ft. high. 4 1/2 ft. base. around post.

Land level, Soil 2d rate.

✓ Dense brush the entire mile.

East through $9/6^{\circ}$

chains

North bet. Secs. 19 & 24
 $\gamma = 13^{\circ} 12' E$

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. 13, 18, 19 & 24 marked, $T. 6 S$ $R. 4 E$ $S. 18$ on $N. E. \frac{1}{4}$ $S. 19$ on $S. E. \frac{1}{4}$ $S. 24$ on $S. W. \frac{1}{4}$ and $S. 13$ on $N. W.$ face, with 3 notches on $S.$ and 3 notch on $N.$ 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 level, Soil 2^d rate
Beuse found the entire work.

pt. Auxillary Meridian

423
 40.00

North bet. Secs. 13 & 18
 Ta 13° 10' E

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.

78.39

a Wash 38 lbs made drain N. W.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs. 7.12.13 & 18 marked T 6 S $R 4 E$ 7 on N. E. R. 5 E S. 18 on S. E. S. 13 on S. W. and S. 12 on N. W. face, with 4 notches on S. and 2 notches on N 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 level, Soil 2^d rate
 ✓ Clear brush the entire area.

East through T. 6 S.

46.00

North bet. Secs 7 & 12
T. 6 S. 12 E

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.

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins. in the ground for Cor. to Secs, 1.6. 7 & 12 marked T. 6 S. S. 6 on N. E. R. 5 E S. 7 on S. E. S. 12 on S. W. and S. 1 on N. W. face, with 5 notches on S. and 1 notch on *N* 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 level, Soil 2^d rate.
Beuse found the entire mob.

1st Auxillary Meridian

chain

North bet. Secs. 1 & 6
T₁₂ 13° 12' E

46.00

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 W face, dug pits 12 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.

80.90

Intersect the 1st Standard Sect
N. 95° 30' E. of Standard Cor.
to Secs. 31 & 32 T₁₂ S. R. 5. E. just
recently established by
Wells at point of intersection Set
a post 4 $\frac{1}{2}$ ft. long, 4 in. square, with
marked stone 12 in. in the ground
for closing cor. to T₁₂ S. R.
4 E. S. 6 marked C. C. T₁₂ S. on S.
R. 5 E. S. 6 on E. and R. 4 E. S. 1 on W.
face, with 6 notches on S. E. & W.

East through $1/2$ 6 S.

faces, dug pits $24 \times 18 \times 12$ in.
crosswise on each line S. & N.
W. of post off. dist. and raised
a mound of earth $2 \frac{1}{2}$ ft. high
off. low around post.

land level, soiled & set

down brush the entire mile

at 12 M. took latitude ~~found it to be~~ $32^{\circ} 57' N.$ Mch 20 - 1885
Examined my instrument & found it in good adjustment.

General Description

0206

This line runs ^{first} 15 miles
over rough and high
Mountains, and ^{then} 15 miles
through level ground, which
is well adapted for cultivation
and will if irrigated produce
fine crops, water may be found
about 60 feet below the surface.
The entire line is covered
with a dense growth of Palo Verde
Catalpa & Mesquite brush
with some trees.

for final catho see Book No. 18

U. S. Surveyor General's Office,

Tucson, Arizona, May 22 1885

The foregoing Field Notes of the Survey of the

1st Aux. Meridian C. bet. 1st & 2ndStandard SouthOf the Gila and Salt River Base and Meridian, Arizona, execu-
ted by R. C. PowersDeputy Surveyor, under his contract of the 20thday of July, 1883, having beencritically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe

are hereby approved

Royce Johnson
Surveyor General.