

Platted Compared

BOOK 959

Book No 5

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Indexed

No. 959

Field Notes

BOOK 959

OF THE SURVEY OF THE

Subdivision lines

-OF-

Township *21 S* Range *30 E*

Gila and Salt River Base and Meridian

ARIZONA. *No. 959*

By *Walter B. Neil* D.S.

Under contract dated *Oct 1st* 1888.

Survey commenced *Nov. 23rd* 1888.

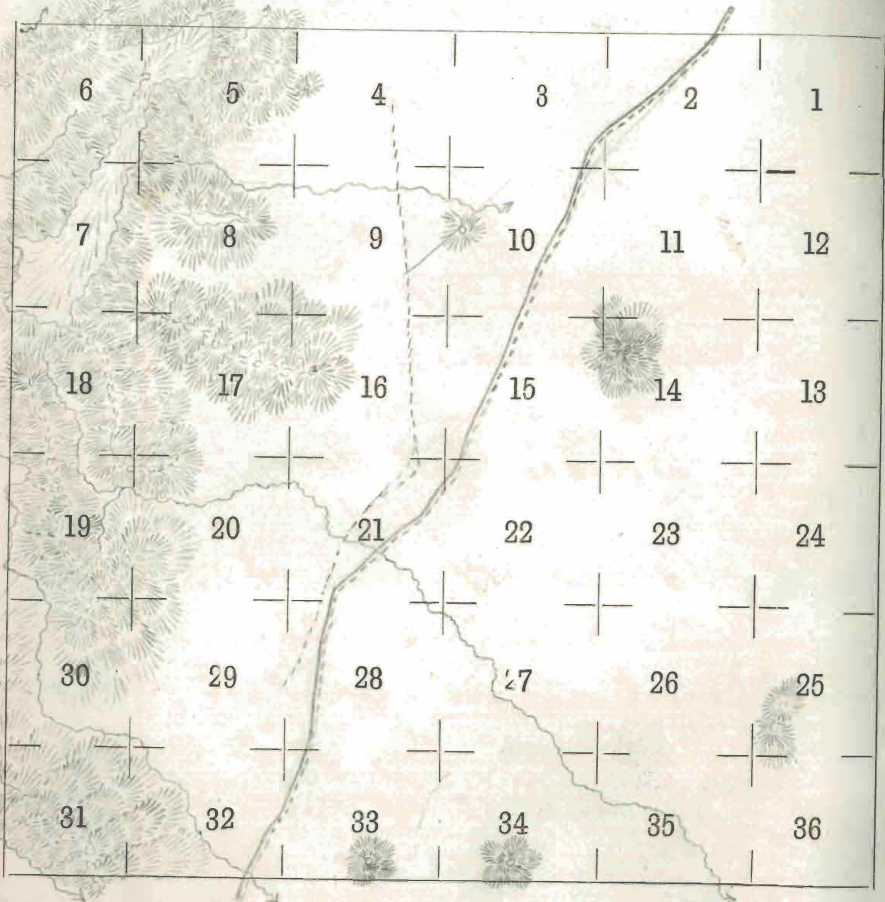
Survey completed *Nov. 28th* 1888.

959

INDEX DIAGRAM.

Township *21 South*

Range *35 East*



Gila and Salt River, Arizona.

ARIZONA.

T 21 S R 30 E

S. & S. R. B. & M.

From the cor to secs
1-2-35-36 - on S. By. of
the township, previously
set by me.

I run

North bet secs 35 & 36

($\text{Va } 13^{\circ} 0' \text{ E}$)

40.00 Set a malpais rock 10x14x7
ins. 7 ins in the ground
for $\frac{1}{2}$ sec ca marked $\frac{1}{4}$
on N. face. dug pits 15x18x12
ins. N & S of stone 5 $\frac{1}{2}$ ft
dist, and raised a
mud of earth $\frac{1}{2}$ ft
high. 3 $\frac{1}{2}$ ft base
along side

80.00 Set a Malpais rock 13x12x8

T 21 S R 30 E

mans

ins. 9 ins in the ground
 for cor to secs. 25-26-35 & 36
 marked with 1 notch on
 S & E edges. and raised
 a rd of stone alongside
 Pit impracticable
 Land nearly level
 Soil 3" rate
 Good grass

E on a random line
 bet secs 25 & 36
 Va 13° 5' E

5.00 Ascend along ^{S.} slope
 of red lava cone
 17.00 Highest point on S
 slope of same, and
 descend
 34.00 Leave foot of cone. hrs

T 21 S R 30 E

chains

N. E. + S. W.

40.00

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

80.12

Intersect E By of T_h 24
lks S. of cor to secs
25-30-31-36, previously
set by me. Thence

I run

S 89° 50' W on a true
line bet secs 25 + 36.

With same N_o

40.06

Set a lava rock 12x12x6 ins
8 ins in the ground for $\frac{1}{4}$
sec cor marked $\frac{1}{4}$ on N
face, dug pits 18x18x12
ins. E + W. of stone, 5 $\frac{1}{2}$
ft dist, and raised a
mud of earth, 1 $\frac{1}{2}$ ft
high 3 $\frac{1}{2}$ ft base
along side. *Practically*

80.12

The cor to secs 25-26-35-36

T 21 S R 30 E

chains

Land hilly and level
 Soil 4" rate
 Some good grass

Met secs 25 & 26
 Va 12° 48' E

15.00 Lava. hill' about 20 chs
 east

40.00 Deposited a marked
 stone 12 ins in the ground
 for 1/4 sec. cor. Dug pit
 18x18x12 ins N & S of
 stone, 5 1/2 ft dist. and
 raised a mound of earth
 1 1/2 ft high, 8 1/2 ft base
 over it. On N pit
 drove a stake 2 ft
 long 2 ins square

T 21 S R 30 E

enans

12 ins in the ground
marked $\frac{1}{4}$ S. on W
face.

80.00

Deposited & marked
stone, 12 ins in the ground
for cor to secs 23-24-25-
426. dug pits 18X18X12
ins. in each sec. $5\frac{1}{2}$ ft.
dist. and raised a
mud of earth. 2 ft
high. $4\frac{1}{2}$ ft base over
it. On S E pit
drove a stake 2 ins
square 2 ft long, 12 ins
in the ground, marked
T 21 S, S 24 on N, E,
R 30, E, S 25 on S, E,
S 26 on S, W, and
S 23 on N, W, faces
with 2 notches on S

T 21 S R 30 E

chains

and 1 notch on E
edges.

Land level
Soil 3" rate
Good grass

E on a random
line bet secs 24 & 25
Va $13^{\circ} 0' E$

40.00 Set temporary 4 sec cor.
79.90 Intersect E. By. of T_p 22
lka S. of cor to secs 19-24
25 & 30. previously set
by me. Thence

I run
 $S 89^{\circ} 51' W$ on a true
line bet secs 24 & 25
With some Va

T 21 S. R 30 E

39.95 Set a lava rock $13 \times 10 \times 8$ ins
 9 ins in the ground for $\frac{1}{4}$
 sec cor. marked $\frac{1}{4}$ on N
 face. and raised a mg
 of stone along side.
 Pits impracticable

29.90 The cor to secs 23-24-25-26
 Land level and rolling
 Soil 3" rate
 Good grass

N bet secs 23 & 24
 Va $13^{\circ} 15' E$

40.00 Set a post 3 ft long 3
 ins square with marked
 stone, 12 ins in the
 ground for $\frac{1}{4}$ sec cor
 marked $\frac{1}{4}$ S or W face
 Aug pits $18 \times 18 \times 12$ ins

T 21 S R 30 E

chains

N + S of post, $5\frac{1}{2}$ ft
 dist, and raised a
 mid of earth, $\frac{1}{2}$ ft high,
 $3\frac{1}{2}$ ft base around
 post

80.00 Set a granite rock $10 \times 10 \times 2$
 ins. 2 ins in the ground
 for cor to secs 13-14 20-24
 marked with 3 notches
 on S, and 1 notch on
 E, edges. and raised
 a mid of stone along-
 side. Pits impracticable
 Land level
 Soil stony 4" rate
 Some grass

Cor a random line
 bet secs 13 + 24

T 21 S R 30 E

chains

Va 130 00' E

40.00

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

29.20

Intersect E By of T_h 20

aka S of cor to secs

13-18-19-24, previously

set by me. Thence

I run

S 89° 57' W on a true

line bet secs 13 & 24

With same Va

39.85

Set a post 3 ft long 3 ins

square, with marked

stone, 12 ins in the

ground for $\frac{1}{4}$ sec cormarked $\frac{1}{4}$ S. on N face,

dug pit 18 X 18 X 12 ins

E & W of post $5\frac{1}{2}$ ft dist.

and raised a mud of

earth $\frac{1}{2}$ ft high, 3 $\frac{1}{2}$

ft base around post

T 21 S R 30 E

chains

29.78 The cor to secs. 13-14-28-24
 Land rolling
 Soil 4" rate
 Some grass

North bet secs 13 & 14
 N 13° S. E

40.00 Set a post 3 ft long 3
 ins square, with marked
 stone, 12 ins in the ground
 for 1/4 sec cor. marked 1/4
 S. on N. face, dug pit
 18x18x12 ins. N of post
 5 1/2 ft dist. and raised
 a mud earth 1 1/2 ft high
 3 1/2 ft base around post.

80.00 Set a lava rock 14x10x6
 ins, 9 ins in the ground
 for cor to secs 11-12-13 & 14

T 21 S R 30 E

Chains

marked with 4 notches
 on S. and 1 notch on
 E edges. and raised
 a mid of stone alongside
 Pit's impracticable
 Land level
 Soil 3" rate
 Good grass

E on a random line
 bet secs 12 & 13
 N₆ 13° 50' E

40.00 Set temporary $\frac{1}{4}$ sec cor
 8016 Intersect - E. By. of T_h 2971⁴⁰⁰
 q cor to secs 7-12-13 & 18
 previously set by me
 Thence I run

71.89:48⁰⁰ true line bet secs
 12 & 13. with same N₆

T 21 S R 30 E

Chains

40.08 Set a lance rock $10 \times 10 \times 2$ ins 2
ins in the ground for $\frac{1}{4}$
sec cor marked $\frac{1}{4}$ on N. face
dug pits $18 \times 18 \times 2$ ins. E & W
of stone $5\frac{1}{2}$ ft dist. and
raised a mound of earth $1\frac{1}{2}$
ft high. $3\frac{1}{2}$ ft base
along side.

80.16 The cor to secs. 11-12-13+14
Land level
Soil 4" rat
Good grass

North bet secs 11 & 12

(Va $12^{\circ} 48'$ E

40.00 Set a granite rock $10 \times 10 \times 6$
ins. 2 ins in the ground
for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$
on N. face. dug pits

T 21 S R 30 S

Otho ins

18x18x12 ins. NT S of stone
 5½ ft dist and raised 2
 ind of earth 1½ ft high
 3½ ft base alongside.

80.00 Set a granite stone, 12x10x8
 ins. 9 ins in the ground
 for cor to sec 1-2-11x12
 marked with 5 notches
 on S and 1 notch on
 E edges. dug pits
 18x18x12 ins. in each
 sec 5½ ft dist and
 raised 2 ind of earth
 2 ft high. 4½ ft base
 alongside
 Sand level.
 Soil 3" rate
 Some grass

T 21 E R 30 E

chain

Con a random line bet

secs 1 & 2

at $13^{\circ} 5'$ E

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

21.00 Descend low mesa.

hrs. N.W. & S.E.

88.16 Intersect E. By. of T_p 15-
lks S of cor to secs. 1-6

& 12. previously set
by me. Thence

Run

S $89^{\circ}54'$ W on a true line

bet secs 1 & 2

With same Va

40.08 Set a post 3 ft long 3
ins square with marked
stone 12 ins in the ground
for $\frac{1}{4}$ sec cor. marked N & S
on N face. dug pits 18x
18x12 ins. E & W of post

T. 21 S. R. 30 E.

Onains

5 $\frac{1}{2}$ ft dist and raised a
 md of earth, $\frac{1}{2}$ ft high
 3 $\frac{1}{2}$ ft base around post

80.16

The cor to secs. 1-2-11 & 12

Land rolling

Soil 3" rate

Good grass.

North on a true line bet
 secs 1 & 2
 Va 12° 18' E

40.00

Set a granite rock 10x10x8 ins
 7 ins in the ground for $\frac{1}{4}$
 sec cor marked $\frac{1}{4}$ on W
 face, dug pits 18x18x12 ins
 N & S of stone. 5 $\frac{1}{2}$ ft dist
 and raised a md of
 earth $\frac{1}{2}$ ft high, 3 $\frac{1}{2}$ ft
 base along side.

T 21 S R 30 E

chains

S.D. 16 Intersect 4" standard
 parallel South. 2.40
 chs. West of standard
 $\frac{1}{4}$ ^{sec} cor. on S By of of
 sec. 35. which is
 a granite stone 12x8x8
 ins. firmly set in the
 ground. marked S.C.
 $\frac{1}{4}$ on north face with
 18x18x12 ins E. & W. of stone $5\frac{1}{2}$ ft dist
 pits and md of earth. alongside
 at point of intersection
 Set a granite stone
 13x8x8 ins, 10 ins in
 the ground. for Closing
 cor. to sec 1 & 2.
 marked C.C. with
 1 notch on E and 5
 notches on W edges.
 Dig pits 18x18x12 ins
 S. E. & W. of stone. $6\frac{1}{2}$
 ft dist and raised

T 21 S R 30 E

Chains

a mid search 2 ft
high, 4 1/2 ft base along
side.

Land Rolling
Soil 3rd row

Good fence

Nov 23rd 1880

I carefully examined
the adjustments of my
solar instrument, to-day
particularly the latitude
and reversing apparatus
and found them correct

T 21 S R 30 E

Chains

From the cor to secs
2-3-34-35 on S By
of Th. previously set
by me.

I run

North bet secs 34 & 35
N $12^{\circ} 18'$ East

40.00

Set a lava stone $10 \times 10 \times 8$
ins. 7 ins in the ground
for 4 sec. cor. marked
4 on N face. dug pits
 $18 \times 18 \times 12$ ins. N of 4 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
along side.

46.00

Cross arroyo 20 lks wide
Course S. E.

50.00

Set a lava stone $18 \times 8 \times 8$
ins. 9 ins in the ground

72 T 21 S R 30 E

for cor to secs 26-27-34
 735, marked with 1
 notch on land 2 notches
 on E. edges. Aug pits
 18x18x12 ins. in each
 sec. 5 $\frac{1}{2}$ ft diam, and
 raised a mol of earth
 2 ft high, 7 $\frac{1}{2}$ ft base
 alongside.
 Land rolling and level
 Soil 4" rate
 Some grass

E on a random line
 bet secs 26 & 35-

Bq 12° 48' East

40.00 Set temporary 4 sec cor
 50.12 Intersect N & S line 18 lks
 S. of cor to secs. 25-26

T 21 S R 30. E

chains

35 + 76, Thence
I run
S 89° 32' W on a true
line bet secs 26 + 35 -
With same Va

40.04

Set a lava stone 15 x 8 x 8
ins. 10 ins in the ground
for the sec cor marked
¼ on N face dug pits
18 x 18 x 12 ins. E & W
of stone. 5 ½ ft dist
and raised a mound of
earth. ½ ft high. 3 ½
ft base alongside.

S 0.12

The cor to secs 26-27-34-35 -
Sand level
Sail 4" rate
Good grass

T21 S R 30 E

Chain

North bet secs 26 & 27

Va 12° 48' East

40.00

Deposited a marked stone
12 ins in the ground for
 $\frac{1}{4}$ sec cor. dug pits 18X18X12
ins N & S. of stone, $\frac{1}{2}$
ft dist. and raised
a md of earth $\frac{1}{2}$ ft
high. $3\frac{1}{2}$ ft base over
it. In N pit drove
a stake 2 ins square
2 ft long, 12 ins in
the ground, marked
 $\frac{1}{4}$ S. on W face

80.00

Deposited a marked stone
12 ins in the ground for
cor to secs 22-23-26-27
dug pits 18X18X12 ins
in each sec. $5\frac{1}{2}$ ft dist
and raised a md of
earth, 2 ft high. $2\frac{1}{2}$

T 21 S R 30 E

drams

base over it

In S. E. pit drove
 a stake 2 ins square
 2 ft long 12 ins in
 the ground, marked
 T 21 S S 23 on N E
 R 30 E S 26 on S E
 S 27 on S W, and
 S 22 on N. E. faces
 with 2 notches on S
 and E edges.

Land level

Soil 1/2" rate

Some grass

On a random line
 bet secs 28 & 26
 No 12048 E

T21S R30 E

Mans

- 40.00 Set temporary $\frac{1}{4}$ sec cor
- St. 20 Intersect N & S line. 20 lks
S of cor to secs 23-24-25
& 26. Thence I run
S $89^{\circ} 57' W$ on a true line
bet secs 23 & 24
with same Nq
- 40.10 Deposited a marked stone
12 ins in the ground for
 $\frac{1}{4}$ sec cor. dug pits 18x14x12
ins. E & W of stone $5\frac{1}{2}$
ft diam. and raised a
mud of earth. $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base over it
In E. put down a stake 2
ft long 2 ins square. 12
ins in the ground
marked $\frac{1}{4}$ S on N face
- St. 20 The cor to secs. 22-23-26 & 28
Sand level

T21 S R 30 E

chain

Soil 3" rate
 Good grass

North bet secs 22923
 Va 12° 48' E

45.00 Deposited a marked stone
 12 ins in the ground
 for $\frac{1}{4}$ sec cor. dug pits
 18X18X12 in N & S of
 stone. 5 $\frac{1}{2}$ ft dist and
 raised a mound of earth
 1 $\frac{1}{2}$ ft high. 3 $\frac{1}{2}$ ft base
 over it. On N pit
 drove a stake 2-ft long
 2 ins square. 12 ins in
 the ground. marked
 $\frac{1}{4}$ S. or W face

50.00 Set a lava rock 18X8X7

T21SP90 E

chams

ins. 9 ins in the ground
 for cor to secs. 14-15-22-23
 marked with 3 notches
 on S and 2 notches on
 E edges. dug pits 18x18
 x12 ins. in each sec[#]
 5 1/2 ft dist. and raised
 a wd of earth 2 ft
 high 4 1/2 ft base
 along side.

Sand level

Sail 3" rate

Goat grass

On a random line

bet secs 14 & 23

N₆₂ 20 20. E

40.00 Set temporary secor

T21SR30E

main

29.86 Intersect - N + S line 15
 lks south of cor. to sec
 13-14-23 + 24. Thence
 Run.

S 89° 54' W on a true line
 bet sec. 14 + 23, with same $\frac{1}{4}$

39.93 Set a lava rock 12 x 12 x 2
 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 + W of stone 5 2 ft
 dist. and raised a mound
 of earth $\frac{1}{2}$ ft high
 3 2 ft base along side

29.86 The cor. to sec 14 + 15 + 22 + 23
 sand level
 Soil 3" rate
 Good grass

T L I S R O O E

chains

North bessec 14915
 Va 12° 48' E
 set a post 3 ft long 8 ins
 square, with marked stone
 12 ins in the ground for
 1/4 sec cor marked 1/4 S. on
 W face. dug pits 10x15x12
 ins. N + S of post. 5 1/2 ft
 dist. and raised a mud
 of earth, 1/2 ft high
 3 1/2 ft base around
 post. Thence
 along N slope of lava
 cone

62.00 Crater of extinct vol-
 cans. S. chs. 2. and descend
 NW slope

50.00 Set a lava rock 13x10x10
 ins. 9 ins in the ground
 for cor to sec. 10x11-14-15-

T21 S430 E

exam

marked with 4 notches
 on S and 2 notches on
 E edges. dug pits
 18X18X12 ins. in each
 sec 5 1/2 ft dist - and
 raised a mound of earth
 2 ft high. 3 1/2 ft base
 along side
 sand lilly
 soil 3" rate
 Good grass

E on a random line
 bet secs 11 & 14

N 12° 48' E

along N.W. slope of
 lava cone

1500 Highest point on same

T20 S R 30 E

chains

- and descend N E slope
 33.00 leave foot of cone
 40.00 Set temporary $\frac{1}{4}$ sec cor
 N. 06 Intersect - N 7 S line 14 lks
 N of cor to secs. 11-12-13-14
 Thence I run
 N 89° 5' 4" W on a true
 line bet secs. 11 & 14
 With same N 0
 40.03 Set a lava rock 12x12x7
 ins. 8 ins in the ground for
 $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on N
 face, dug pits 18x18x12
 ins. E & W of stone 5 $\frac{1}{2}$
 ft dist - and raised a
 mound of earth $\frac{1}{2}$ ft high
 3 $\frac{1}{2}$ ft base along side
 N. 06 The cor to secs. 10-11-14-15
 Land hilly and level
 Soil 3" & 4" rate
 Good grass

T2 R3 E

chains

North base sec 10 & 11
 No $12^{\circ} 48'' E$

'7.00 Leave foot of lava hill
 bears N. E. & S. W.

40.00 Set a lava stone, $12 \times 12 \times 9$
 ins & ins in the ground
 for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$
 on W face. dug pits 18×18
 $\times 12$ ins. N & S of stone
 $5\frac{1}{2}$ ft dist and raised
 a mound of earth $\frac{1}{2}$ ft
 high. $3\frac{1}{2}$ 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 2-3-10-11
 marked

T2 S S 2 on NE
 R3 E S 11 on SE
 S 10 on S.W. and

T21SR302

champs

S3 on NW faces
 with 5 notches on S
 and 2 notches on E
 edges. dug pits 18x
 18x12 ins. in each sec
 3 1/2 ft diam. and raised
 a rd of earth 2 ft
 high 4 1/2 ft base
 around post
 Sand level
 Soil 5. rate
 Good grass

E on a random line
 bet sec 27 11

Va 120 48 1 E

4500

S. 18

Set temporary 1/4 sec cor
 Intersect N 7 S line 14

T21SR90C

Chanis

like N of cor to secs
1-2-11 & 12. Thence

I run

N 89° 54' E on a true
line bet secs 2 & 11

With same N 4

40.89

Set a post 3 ft long
3 ins square 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 & W of
post 5 1/2 ft diam and
raised a mol of earth
1 1/2 ft high, 3 1/2 ft base
around post

So. 1/8 The cor to secs 2-3-10-11

Land level

Soil 3" rate

Good grass

T 2 / S R 30 E

chains

North on a true line
bet secs 2 & 3N 13° 0' E

24.00

Cross road on N.E. & S.W.

40.00

Set a granite rock 14X10X10
ins. 9 ins in the ground
for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on W. face. dug pits
18X18X12 ins. N 7 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 along
side

50.15

Intersect $\frac{1}{4}$ "Standard
parallel South 2.50
cha. West of Standard
 $\frac{1}{4}$ sec cor on S. By of
sec 34. which is a
granite rock 10X10X8
ins. firmly set in the

J 21 SR 30 C

Chains

ground marked
 S.C. $\frac{1}{4}$ on N face.
 with a md of stone
 along side. Pits
 impracticable
 at point of intersection
 Set a granite rock
 $14 \times 10 \times 8$ ins. 9 ins in
 the ground for Closing
 Cor. to secs 2 & 3
 marked C.C. with
 2 notches on E and
 4 notches on W. Wedges,
 dug pits $18 \times 18 \times 12$ ins
 S. E. & W. of stone $5\frac{1}{2}$
 ft dist. and raised
 a md of earth 2 ft high
 $4\frac{1}{2}$ ft base along side.
 Land level
 Soil 3 rate
 Good grass
 Nov 24th 1883

T21 SR 30 E

manis

From the cor to secs
3-4-33-34 on S

By of Tp. previously
set by me. I run

North bet secs 33 & 34
QA $12^{\circ} 48' E$

40.00 Set a lava rock $10 \times 10 \times 8$
ins. 2 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 & S of
stone $5\frac{1}{2}$ ft dist and
raised a ind of earth
 $1\frac{1}{2}$ ft high $2\frac{1}{2}$ ft base
along side

80.00 Set a lava rock $13 \times 8 \times 8$
ins. 9 ins in the ground

T 21 S R 30 E

Chains

for cor to secs 27-28-33
 + 34. marked with
 1 notch on S and 3
 notches on E edges.
 dug pits 18x18x12 ins
 in each sec 3 1/2 ft
 dist and raised a
 mid of earth 2 ft
 high. 1/2 ft base
 along side
 sand level
 soil 4" rate
 seed grass

E on a random line
 bet secs 27 + 34
 N 12° 48' E
 40.00 Set temporary 1/4 sec cor

J L I R O E

Chains

- 58.00 Cross arroyo 22 lks wide
Course S. E.
- 29.82 Intersect N & S line 12
lks N of cor to secs
26-27-34-35. Thence
I run
N 89° 55' W on a true line
bet secs 27 & 34
With same N &
- 39.91 Lava lava stone 12x12x6
ins. 8 ins in the ground
for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on N. face, dug
pits 18x18x12 ins. E
& W of stone 5 $\frac{1}{2}$ ft dia.
and raised a mud of
earth $\frac{1}{2}$ ft high 3 $\frac{1}{2}$
ft base along side
- 29.82 The cor to secs 27-28-33 & 34
Sand rolling

T21 R20 E

chains

Soil 3 "rate
 Good grass

Whet secs 21 & 22
 to 120 48' E

- 40.00 Set a lava rock 15 X 6 X 6
 ins. 10 ins in the ground
 for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on W face, and dug
 pits 18 X 18 X 12 ins N &
 S of stone. 5 $\frac{1}{2}$ ' fr dia
 and raised a rnd of
 earth $1\frac{1}{2}$ ' ft high 8 $\frac{1}{2}$ '
 ft base, alongside
- 72.00 Cross rocky arroyo
 50 lks wide es. S. E,
- 20.00 Set a lava rock 12 X 10 X 7
 ins. 8 ins in the ground
 for cor to secs 21-22

T21 S R 30 E

chains

27 & 28. marked with
 2 notches on S and
 3 notches on E. edges
 dug pits 18X18X12 in
 in each sec 5 1/2 ft dia
 and raised a mud
 of earth 2 ft high
 4 1/2 ft base along side
 sand level and rolling
 Soil 3" rate
 Good grass

E on a random
 line bet secs 22 & 27
 N 13° 05' E

45.00 Set temporary ~~to~~ sec cor
 80.10 Intersect ^{N 7 S line} at cor to secs
 22-23-26 & 27. Thence

T. J. J. R. 20 E

Chambers

I run $N_{40}W$ a true
line bet secs 22 & 21

With same $N_{40}W$.

40.05 Set a lava rock $14 \times 8 \times 6$
ins. 9 ins in the ground
for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on N. face. dug pits
 $18 \times 18 \times 12$ ins. E & W
of stone $5\frac{1}{2}$ ft dist and
raised a mud of
earth $1\frac{1}{2}$ ft high. $3\frac{1}{2}$
ft base alongside

58.10 The cor to secs 21-22-22 & 21
Sand level
Soil 3" rate
Good grass

N bet secs 21 & 22
 $N_{40}W 12^{\circ} 45' E$

T L I S R 3 1 E

chains

40.00

Set a lava rock $18 \times 10 \times 10$ ins 12 ins in the ground for $\frac{1}{2}$ sec cor marked $\frac{1}{2}$ on N. face and raised a md of stone along side

Pits impracticable

65.00

Cross road lers. N.E. & S.W.

81.00

Set a lava rock $12 \times 11 \times 9$ ins 8 ins in the ground for cor to sec. 15-16-21-22, marked with 3 notches on S and E edges, and raised a md of stone along side

Pits impracticable

Sand level valley

Soil stony 4⁺ rate

Good grass

T 2 S R 20 E

Stations

E on a random line bet secs 15 & 22
Va 13° 05' E

8.00 Cross road bet N.E. & S.W.

40.00 Set temporary 1/4 sec cor

80.20 Intersect N & S line 15-
lks S. of cor to secs
14-15-22 & 23. Thence

I run
S 89° 54' W on a true
line bet secs. 13 & 22
With same Va

40.10 Set a lava rock 10.8 x 7
ins x ins in the ground
for 1/4 sec cor marked 1/4
on N face. and raised
a mid of stone along side
Ditch impracticable

80.20 The cor to secs. 15-16-21-22
Land level

T21 R 30 E

Name

Sect 9 rate
Good Grass

Net secs 137/6

N 12° 48' E

40.00

Set a lava rock 10x10x8 ins
2 ins in the ground for
sec cor. marked $\frac{1}{4}$ on W
face. Dig pits 18x18x12
ins. N + S of Stone 5 $\frac{1}{2}$
ft dist and raised
a mound of earth $1\frac{1}{2}$ ft
high 3 $\frac{1}{2}$ ft base
along side.

50.00

Set a lava rock 13x12x8
ins. 9 ins in the ground
for cor to secs 9-10-15-16
marked with 4 notches
on S and 3 notches

T21 S R 30 E

Chain

on E edges, and raised
 a md of stone along side
 Pits impracticable
 Land level
 Soil 3" rate
 Good grass

E on a random
 line bet secs 10 & 15
 N 12° 48' E

- 37.00 Cross wagon road
 bet N.E. & S.W.
- 45.00 Set temporary 1/4 sec cor
- 80 20 Intersect N & S line 18 lks
 N of cor to secs 10-11-14
 14. Thence I run
 N 89° 52' W on a true
 line bet secs 10 & 15
 With same N

T 21 S R 30 E

Chamis

40.10

Deposited a marked
stone 12 ins in the ground
for $\frac{1}{4}$ sec cor. dud pits
18X18X12 ins E & W of
stone $5\frac{1}{2}$ ft dist and
raised a mound of earth,
 $\frac{1}{2}$ ft high $7\frac{1}{2}$ ft base
over it. In E pit
drove a stake 2 ins
square, 2 ft long
12 insⁱⁿ the ground
marked $\frac{1}{4}$ S on N face

80.20

The cor to secs 9-10-15-16
Land level
Soil 3" rate
good grass

Net secs 9 & 10
Va 120 45° E

T L I S R B O E

Chains

- 40.00 Set a lava rock $18 \times 12 \times 12$ ins 12 ins in the ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on W face and raised a md of stone along side. Pit's impracticable
- 57.00 Round hill, East H. Ch.
- 67.50 Cross Dry wash 150 lks wide. Co. S.E.
- 80.50 Set a lava rock $14 \times 12 \times 7$ ins. 9 ins in the ground for cor to secs. 8-4-9-7-10 marked with 5 notches on S and 3 notches on E edges. and raised a md of stone alongside. Pit's impracticable
Land level & rolling
Soil 3" rate
Good Grass

T N S R 3 0 2

Mans

E' on a random line
bet secs 3 & 10
N₉ 13° 0' E

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

65.65 Cross wagon road bra
N E & S W

40.26 Intersect N & S line

3' N from to secs 2-3-10-11

Thence I run ^{N₈₉ 47' W} on

a true line bet secs
3 & 10, with same N₉

40.13 Set a post 3 ft long

3 ins square, with

marked stone, 12 ins

in the ground for $\frac{1}{4}$ sec

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

face. dug pits 18x18x12

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

ft dist. and raised a

rod of earth $\frac{1}{2}$ ft

T L I P R 30 E

chanis

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

80 26 The cor to sec. 34-9-10

Sand level

Said 9" rate

Good grass

North on a true
line bet sec 3 & 4
N $12^{\circ} 48' E$

40 000 Deposited a marked
stone. 12 ins in the
ground for $\frac{1}{4}$ sec cor
dug pits 18x18x12 ins
N & S of stone. $5\frac{1}{2}$ ft
dist. and raised a
mud of earth $\frac{1}{2}$ ft
high. $3\frac{1}{2}$ ft base
over it. On N

T 21 S R 30 E

Chain

pit drove a stake 2 ft long. 2 ins square 12 ins in the ground marked $\frac{1}{4}$ S on W face.

St. 20

Intersect 4" Standard Parallel South, 260 chs West of standard $\frac{1}{4}$ sec cor. on S. By of sec 33, which is a granite rock 15 x 10 x 10 ins firmly set in the ground. Marked S.C. $\frac{1}{4}$ on N face - and pits 1/8 x 1/8 x 1/2 ins. E & W of stone 5 1/2 ft dist with a mid of earth 1 1/2 ft high 3 1/2 ft base along side. At point of intersection on
Set a granite rock

T L S R B E

10x10x7 ins, 2 ins in the
ground for Closing Cor
to secs 3 & 4. marked

C.C., with 3 notches
on E & W edges

Dug pits 18x18x12 ins
S.E. & W. of stone $3\frac{1}{2}$

ft dist. and raised
a mound of earth 2 ft
high $4\frac{1}{2}$ ft base
along side

Land level

Salt 3" rate

Good Grass

Nov 25th 1889

T 21 S R 35 E

Chambers

I carefully examined the adjustments of my solar instrument to-day, particularly the latitude and reversing apparatus and found them correct.

From the cor to
secs. 4-5-32-33 on
S By of Tp. previously
set by me Drum
N. bet secs 32 9 33
Va 12-48-E

31.00

4000

Cross road bet N. E. & S. E.
Set a lava rock 15 x 8 x 8 ins
10 ins in the ground on

T L S R 850

Chams

80.00

4 sec cor. marked
 $\frac{1}{4}$ on N face, dug
 pits ~~18x18x12~~ ins N
 & S of stone $5\frac{1}{2}$ ft
 dia. and raised a
 md of earth $2\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base. along side.
 Set a lava rock $10 \times 10 \times 7$
 ins. 7 ins in the ground
 for cor to secs 28-29-32
 33. marked with 1
 notch on S and 4
 notches on E edges
 dug pits $18 \times 18 \times 12$ ins
 in each sec. $5\frac{1}{2}$ ft
 dia. - and raised
 a md of earth 2
 ft high $4\frac{1}{2}$ ft base
 along side.
 Sand level and rolling

T 2 S R 3 + 2

Champs

Sat 9" rate
good grass

On a random
line bet secs 28 & 33
QA 12° 45' E

- 2450 Cross road. br N, E, & S, W.
- 4000 Set temporary 1/4 sec cor
- 80.18 Intersect N & S line 28
Eks S of cor to secs 2?
28-33-34. Thence

I run
S 89° 48' W on a true
line bet secs. 28 & 33
With same QA

- 40.09 Deposited a marked
stone 12 ins in the ground
for 1/4 sec cor. dug pits 18
x 18 x 12 ins, E & W of

T 21 S R 30 E

Chains

Stone 5 1/2 ft dist and
 raised a mud of earth
 1/2 ft high 3 1/2 ft base
 over it. On E pit
 drove a stake 2 ft
 long 2 in square
 12 in in the ground
 marked $\frac{1}{4}$ S on N
 face

So. 18 The cor to secs, 28-29
 32-33.

Land level valley
 Soil 3" rate
 Good grass

N bet secs 28 & 29
 N. 12° 45' E

Over rolling land
 40.00 Set a post 8 ft long

T21 S R 30 E

No. 959

Claims

9 ins square with marked stone, 12 ins in the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S on W. face. dug pits 18x18x12 ins. N & S of post $5\frac{1}{2}$ ft dist and raised a wd of earth $\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

46.00
80.00

Cross trail hrs N. E. & S. W.
Peta lana rock 13x10x10 ins. 9 ins in the ground for cor to secs 20-21-28 & 29. marked with 2 notches on S and 4 notches on E edges, dug pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft dist

T 21 S R 30 E

Chains

and raised a mud of
 earth 2 ft high $4\frac{1}{2}$ ft
 base along side
 Land rolling
 Soil 8" rats
 Good grass

C^o on a random
 line bet secs 21 & 28
 Va 12° 48' E

34.00 Cross trail bet N & S

38.00 Cross road bet N & S

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

74.00 Cross rocky arroyo 64
 lks wide. Co. S. E.

79.84 Intersect N & S line
 20 lks S of cor to
 secs. 21-22-22-28. Thence
 O run

P L I S R 30 E

Chamo

S 89° 37' W on a true
line bet secs 21 & 28
With same Va

39.92 Set a lava rock 13x10x7
ins. 9 ins in the ground
bet 1/4 sec co marked
1/4 on N. face and
raised a rnd of stone
along side

Pits impracticable

79.84 The co to secs 20-21-28-29
Land rolling prairie
Soil 3" rate
- Good grass

North bet secs 20 & 21

Va 12° 45' E

Over rolling valley

40.00 Set a lava rock 10x12x7

T 20 S R 30 E

Chambers

11 ins in the ground
for 4 sec cor marked
 $\frac{1}{4}$ on W face and
raised a md of stone
alongside

Pits impracticable

53.00 Cross arroyo 40 lks wide
ca S. E.

80.00 Set a lava rock 20 x
18 x 8 ins. 15 ins in the
ground for cor to secs
16-17-20-21. marked with
3 notches on S. and 4
notches on E edges
and raised a md
of stone alongside
Pits impracticable
Sand rolling
Soil 3rd rate
Good grass

T21 SR 38 E

Cham

E on a random line

bet secs 16 & 21

Q 120 40' E

40.00 Set temporary 4 sec cor

23.60 Cross traie bet N & S E

8.15 Intersect N & S line 90

links S of cor to secs

15-16-21-22. Thence

I run

S 89° 47' W on a true

line bet secs 16 & 21

40.08 Set a lava rock 10x10x7 ins

2 ins in the ground for 1/4

sec cor marked 1/4 on

N. face. and raised a

mt of stone alongside

But impracticable

80.15 The cor to secs 16-17-20-21

Land rolling

Soil H. rate

Good grass

T21 S D 9 8 E

Chains

- N bet sec 16 & 12
(to 92° 45' E)
- 30.00 Ascend mountain
ridge hrs. N 70° W &
S 70° E
- 40.00 Set a lava rock 18 x 12 x 8
ins 12 ins in the ground
for a car marked
H on W. face. and
raised a row of stone
alongside
- Site impracticable
- 52.00 Top of Mt. ridge. via
N 10° W. & S 70° E and
descend
- 80.00 Set a lava stone 18 x 12 x
12 ins. 12 ins in the
ground. for car to
sec. 8-9-16 & 12.
marked with H

T L S P B S E

Charris

notches on S. and E.
edges. and raised a
rod of stone alongside
Pits impracticable
Sand ^{rocks} mountainous and
broken, so rolling
Soil 1/2" rate
Good grazing

E on a random
line bet sec 9 & 16
(Va 12° 45' E)

Descend NE slope
40.00 Set temporary $\frac{1}{4}$ sec cor
Foot of ridge hrs N. W. 74. N. E.
57.00 Trail hrs. N 10° 44' & S 10° E
80.00 Intersect N & S line
35 lks S. of cor to sec

T21 S R 9 S E

Cham

9-10-15-16 Thence

I run

S 89° 45' W on a
true line bet secs9 & 16 with same N^a

H.O. 15-

Set a lava rock 12x12x10

ins. 8 ins in the ground
for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$

on N. fac. dug pits 18

x18x12 ins. E & W of

stone. 5 $\frac{1}{2}$ ft dist. and

raised a mud of earth

1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft

base along side.

S 30

The cor to secs. 8-9-16-17

Land mountainous and

rolling

Soil B "rate

Good Grass

TNSRSE

Chambers

N bet secs 879

Va 120 45 E

Descending

14.00 Leave foot of mountain
ridge. hrs. E & W40.00 Set lava rock 14x8x8 ins
9 ins in the ground for
1/4 sec cor. marked 1/4 on
W face. and raised
a mid of stone alongside
Pits impracticable72.00 Cross arroyo 20 lks wide
course N.80.00 Set a lava stone 15x9x9
ins. 10 ins in the ground
for cor to secs 45-8-9
marked with 5 notches
on S and 4 notches
on E edges. dug pits
18x18x12 ins. in each

64

T 21 S R 3 0 E

Chamo

sec 5 1/2 ft dist. and
 raised 9 in d of earth
 2 ft high & 1/2 ft base
 along side.
 Land rolling and
 mountainous
 Soil 3" rate
 good grass

E on a random line
 bet secs 4 & 9
 N 12 1/2 45 E

45.00
 49.00
 39.80

Set temporary 1/4 sec cor
 cross trail hrs N 7 S.
 Intersect N 7 S line 10
 lka S. of cor to sec
 3-4-9-10 Thence
 O run

S 21 S R B 1 @

Chains

S 89° 56' W on a true
line bet sec 4 & 9

With same No.

3990 Deposited a marked
stone 12 ins in the ground
for $\frac{1}{4}$ sec cor. dug pits
18x18x12 ins. E & W of
stone $5\frac{1}{2}$ ft dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft high. $3\frac{1}{2}$ ft base
over it. In E pit
drove a stake 2 ft long
2 ins square. 12 ins
in the ground marked
 $\frac{1}{4}$ S. on N face

3980 The cor to sec. 4-5-8-9
Sand rolling valley
Said B rate
Good grazing

T 21 S R 30 E

Chains

N. on a true
line at sec 4 & 5
N. $12^{\circ} 48' E$

40.50 Over rolling valley
Set a lava stone $18 \times 13 \times$
2 ins. 12 ins in the ground
for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on N. face and
raised a md of
stone along side.

It's impracticable

58.00 Round hill W. east
about 5.50 chs.)

80.60 Intersect 4" standard
parallel. South. 2.40
chs. West of standard
 $\frac{1}{4}$ sec cor. on S By of
Sec 32. Which is a
lava stone $20 \times 10 \times 10$ ins
firmly set in the

T 21 S R 3 0 E

Mans

ground, marked S. E.
 $\frac{1}{4}$ on N face. and
 pits $18 \times 18 \times 12$ ins E
 & W of stone $5\frac{1}{2}$ ft dist
 with a mound of earth
 $1\frac{1}{2}$ ft high, $3\frac{1}{2}$ ft base
 along side
 at point of intersection
 Set a limestone $19 \times 19 \times 6$
 ins. 15 ins in the ground
 for Closing Cor. to
 secs. 4 & 5, marked
 C, C, with 4 notches
 on E and 2 notches
 on W. Wedges, dug pits
 $18 \times 18 \times 12$ ins S. E. & W.
 of stone. $5\frac{1}{2}$ ft dist
 and raised a mound
 of earth. 2 ft high
 $4\frac{1}{2}$ ft base, along side
 Land rolling

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BOOK 959

T L I S R O O E

Champs

Said B "Th" rate
good grazing
Nov. 26. "1883

From the cor to sec
5-6-31-32 - on S B of
Tp. previously set by
me. I run

N bet sec 31 & 32
20 12 1/2 S E

Descend along N.E. slope

45.00

Set a lava stone 13x12x7
ins. 9 ins in the ground
for the sec cor marked 1/4
on W face, and

T2, S, P, S, E

Chambers

raised a row of stones
along side.

Pits impracticable

8000 Set a lava stone 10x10x8
ins, 2 ins in the ground
for cor to sec 29-30-31-32
marked ^{with} notch on S and
5 notches on E edges.

and raised a row of
stones along side.

Pits impracticable

Land mountainous and
broken

Sail 4" rate

Good grass

E on a random line
bet sec 29 & 32
No 1204 S E

T 21 S R 30 E

Chains

8.00 Descend
Cross Buck Creek, 40
lks wide co. S.E, and
over rolling ^{of 70 ft run} ground

40.50 Set temporary $\frac{3}{4}$
sec cor

80.468 Intersect N + S line 1 ft
lks S of cor to sec
28-29-32-33. Thence

I run
S 89° 52' W on a true
line bet secs. 29 & 32

With same $\frac{3}{4}$

40.20 Set a lava stone 13x8x8
9 ins in the ground for
 $\frac{3}{4}$ sec cor marked $\frac{3}{4}$ on
N face. Dig pits 18x18x $\frac{1}{2}$
ins. E. & W. of stone. 55
ft dist and raised
a mol of earth $1\frac{1}{2}$

T 21 S P 30 E

Chams

ft high. $3\frac{1}{2}$ ft base
along side

38.40 The cor to secs. 29-30-31-32

Land mountainous and
rollingSoil 3" & 4" rate
good grassWest on a random
line bet secs 30 & 31
Va 12018' E

Ascend along NE slope

4000 Set temporary $\frac{1}{2}$ sec on
4th auxiliary Guide. Mending on39.60 Intersect West By of
T_p. 24 lka N of cor to
secs 25-30-31-36. previous-
ly set by me. Thence
I run

T218R30E

Chams

N 89° 58' E on a
true line bet secs
30 & 31. with same No.

39.60

Set a malpais stone
26 X 15 X 5 ins. 20 ins
in the ground bet 1/4
sec cor. marked 4 on
N face, and raised
a mid of stone alongside.
Pits impracticable

29.60

The cor to secs 29-30-31-32
Land mountainous
Soil stony, 4" rats
Some grass

+

N bet secs 29 & 30
No 12° 48' E

C. 00

Cross Back Creek 1/2 lks
wide. Co. S. E. end

T 21 S R 30 E

Chains

ascend

45.00

Set a granite stone 18x18x18
ins. 12 ins in the ground
for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$
on N. face and raised
a md of stone along side.
Pits impracticable

50.50

Set a granite stone 12x12x12
ins. 8 ins in the ground
for cor to secs. 19-20
29 & 30. marked with
2 notches on S and
5 notches on E edges.
and raised a md of
stone along side.
Pits impracticable
Sand mountainous and
broken

Paid $\frac{1}{4}$ " rate

Some cat-claw brush

T 21 S R 30 E

Chain

E on a random
line bet secs. 20 & 29
Va $12^{\circ}45' E$

Descending mountain, true
North & South

40.00 Set temporary $\frac{1}{4}$ sec cor
57.00 Leave foot of Mt. by N. & S.
80.80 Intersect N. & S. line 40
chs S of cor. to secs
20-21-28 & 29 Thence

Orun

S $89^{\circ}43' W$ on a true
line bet secs. 20 & 29

48.15 Set a lava stone $13 \times 12 \times 8$ in
9 in in the ground for
 $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on
N face and raised a
rod of stone along side

Pits impracticable

80.90 The cor to secs. 19-20-29

T 26 S R 30 E

chains

490 ^{54 chs}
 Land ^{mountainous}
 and broken.

Said $\frac{1}{4}$ " rate
 Good grass

W on a random
 line bet secs 19 & 30
 NQ 12^o 48' E

ascend

- 15.00 Top of ridge bet N.E. & S.W.
 and descend N.W., slope
- 40.00 Set temporary $\frac{1}{4}$ " sec cor
- 57.00 Foot of ^{same} slope and cross
 arroyo 82 lks wide, Co. E
- 59.00 Ascend over Malpais bluff.
- 79.73 Intersect $\frac{1}{4}$ " Auxiliary
 guide meridians ^{on W. 1/4 of T 26 S R 30 E} at
 cor to secs 19-24 - 25-30

T 21 S R 30 E

chains

previously set by me
 Thence I run
 E. on a true line bet
 secs 19 & 20
 With same v. a.

39.73 Set a granite stone
 20 X 16 X 12 ins, 15 ins in
 the ground for $\frac{1}{4}$ sec cor
 marked $\frac{1}{4}$ on N. face
 and raised a md of
 stone alongside.

79.73 It's impracticable.
 The cor to secs. 19-20-29
 & 30.

Land mountainous and
 broken

Soil 4" rats

Mescal and cats. claw

T21SR30E

N. bet. sec. 19 + 20
 Va 12° 48' E

ascend

- 8.00 Top of ridge br N. E. 7. S. 44,
 and descend
- 40.00 Set a granite stone, 13x12x7
 ins. 9 ins in the ground
 for the sec cor marked 1/4
 on N. face, and raised
 a mid of stone alongside
 this impracticable
- 57.00 Foot of ridge and crosses
 arroyo 30 lks wide, C. S. E.
- 59.00 ascend Malpais mesa
- 61.00 Top of of same bears
 N. W. 7 S. E.
- 80.50 Set a malpais stone 12x12x7
 ins 11 ins in the ground
 for cor to sec. 17-18+19-20
 marked with B notches

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BOOK 959

T21SR30E

Chains

on S and 5 notches
on E edges, and
raised a md of stone
along side.

Pits impractical
Land mountainous
and broken

Soil 4" rate

Some cats-claw and soap-tweed

E on a random line
bet secs 12720

N 12° 45' E

Descend

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

62.00 Leave foot of mountain
lrs. N. & S, and enter
San Simon valley

T L S R B E

Name

- 8012 Intersect N T S line
 10 lks S of cor to secs
 16-17-20-21. Thence
 Run
 S 89° 58' W. on a true
 line bet secs 17 & 20
 With same N &
- H.O. 06 Set a land stone 12x14x9
 ins 11 ins in the ground
 on N sec cor marked $\frac{1}{4}$
 on N face and raised
 a wall of stone alongside
 It's impracticable
- 8012 The cor to secs 17-18-19 & 20
^{62 chs}
 Land ^{mountainous}
 18 chs rolling
 Soil stony to rats
 Good grass

T21SR30E

Name

W. on a random
line bet secs 18 & 19
N α 12 $^{\circ}$ 45' E

Ascend

11.00 Descend Malpais bluff
bears N.W. & S.E.

23.00 Foot of same and cross
arroyo 20 kondero S. E.
and ascend mount.

4000 Set temporary $\frac{1}{2}$ sec cor

4600 Top of mountain 400
ft high. b α S 15 $^{\circ}$ E +
N 13 W. and descend

79.80 Intersect 4" auxiliary
guide meridian on
W By of Tp. 30 lks
N of cor to secs. 19-18
19-24. previously set
by me. Thence
I run

T21SP31E

chains

N 89° 47' E on a true
line bet secs 18 & 19
With same 24

39.80

Set a line stone 20x16x10
15 ins in the ground for
1/2 sec cor marked 14 on
N face and raised
a mid of stone
along side

Outs impractical

79.80

The cor to secs 17-18, 18-20
Surface very mountain-
ous and broken

Said 4" rate
Good grass

Some cats-claw, mesquite etc -

Nov. 27" 1883,

T21 SR 35 E

Chains

N bet secs 12 & 18

CQ 12° 49' E

Descend N. E. slope

40.00

Set a granite rock 12x10x7
ins. 8 ins in the ground
for 1/4 sec cor marked 1/4W face and raised a
rod of stone alongside

Pits impracticable

54.00

Foot of ridge and ascend
S. W. slope of ridge

81.00

Set a granite stone 14x10x8
ins. 9 ins in the ground
for carto secs. 7-8-17-18marked with 4 notches
on S and 5 notches on
E edges and raised
a rod of stone alongside

Pits impracticable

Land mountainous and
broken

T 21 S R 30 E

Memo

Soil 4" rate
Some catsclaw and
soap-weed

On a random line
bet secs 8 & 11
N 12° 48' E

Ascend

4.00 point of ridge bra S.E.
and descend N.E., slope

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

4.34 Intersect N 7 S line 24 lbs
S. of cor to secs 8-9-10-11

Thence I run

S. 89° 58' W on a true
line bet secs. 8 & 11

(With same N)

4.0.17 Set a granite stone 15x14x7

T21 SR31 E

Chains

10 ins in the ground
 for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on N. face and raised
 a row of stone along side
 Pits impracticable
 80.34 The cor to secos 17-18
 Land mountainous
 and broken
 Soil $\frac{1}{2}$ " rate
 Some grass

W. on a random
 line bet secos. 2 & 18
 N 120° $45'$ E

Descend

24.00 Foot. of slope, and ascend
 mesa. Crs N 29° S. W.
 45.00 Set temporary $\frac{1}{4}$ sec cor

T. L. S. R. S. E

Memo

41.50 Top of mesa, bra N. 89.5 W.
 79.68 Intersect 4" auxiliary
 guide meridian on W.
 By of Sp. 82 lka S.
 of cor to secs 7-12-13-18
 previously set by
 me. Thence I run
 S 89° 46' E on a true
 line bet secs 7 & 18

39.68 With same No
 Set a granite stone 12x10x10
 ins 9 ins in the ground
 for 1/4 sec cor. marked 1/4
 on N face. and raised
 a mid of stone along
 side. Pits impracticable

79.68 The cor to secs 7-8-12-18
 Land mountainous
 Soil 4" rate
 Good grass
 Some oak timber

T 21 S R 30 E

Chains

North by sec 27 S
 N 91° 45' E

Ascend

2.00 Highest point on N. slope
 of ridge, and descend

28.50 Foot of ridge by E & W
 and ascend along
 S E. slope of mesa

40.00 Set a lava stone 24 x 24 x 18,
 18 ins in the ground
 for 4 sec cor marked
 4 on W. face, and
 raised a mid of stone
 alongside.

Pits impracticable

48.50 Isolated mesa, about 15
 chs East

50.00 Set lava stone 12 x 12 x 10
 ins. 11 ins in the
 ground for cor

S 2 1 S R 3 S E

name

to secs 5-6-7-8
marked with 5
notches on S 7 E
edges, and raised
a mol of stone
along side.

Dits impracticable

Land mountainous

Soil 4' rate

Some Oak timber

C on a random line
bet secs 3 & 8

No 12 1/4 S East

Descend

32.00 Foot of mountain slope

Bears N.E. & S.W.

38.00 Spring 1. Ch. N. of line

T21 SPR 12

the

40.00 Cross arroyo 20 lks
wide. Co. S.E. and
set a temporary $\frac{1}{4}$
sec cor.

Enter valley
S.O. 14. Intersect N. & S. line
1.7 South ^{cor} to secs. 4-5-8-9
Thence I run $S89^{\circ}5'3''W$
on a true line bet
secs. 5. & 8. with same No.

40.04 Set a granite stone 12x10x10
ins. 8 ins in the ground
for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$
on N face. and raised
a mid of stone along side.
Dits impracticable

S.O. 14 The cor to secs 5-6-7-8
Land ^{40 chs} mountainous, remainder
rolling
Soil 3-4% rate
Good grass

TQ/SR (30) S O

chs

W on a random
line bet secs 6 & 7
No 12° 18' E

ascend

29.00 Top of mesa mount. bra
NE, & S.W.

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

46.00 Descend ^{Mesa} " bra. NE, & S.W.

72.00 Cross arroyo, 20 lks mid.

79.81 ^{Course S of} ^{4th auxiliary} ^{which} ^{meridian on}
Intersect ^{W. By} of T_p

18 lks S of cor to secs
1-6-7-12. previously set
by me. Hence

I run

S 89° 52' E on a true line
bet secs. 6 & 7.

39.81 With same No
set a lava rock 18x16x8
ins. 12 ins is the

T L I S R 30 E

Chs

ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N face
and raised a row
of stone alongside
Ditto impracticable

79.81

The cor to sec. 5-6-7-8

Land mountain-
ous and broken
soil 3" rate

Good grass
Some pine oak timber

North on a true line
bet sec. 5 & 6

On 12-18 E

Ascend

22.00

Top of mesa mountain
bears NE. & SW. and

T 21 S 23 E

Chs

over broken land

40.00

Set a lava stone $10 \times 15 \times 9$
ins. 2 in in the ground
for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on W face. and
raised a md of stone
along side.

Pits impracticable

41.00

Descend slope. brs V. 2, 7, 4.

80.60

Intersect $\frac{1}{4}$ " Standard
parallel South. 2. 70

Chs. West of Standard

 $\frac{1}{4}$ sec cor on S. By of sec

31. which is a limestone

 $16 \times 13 \times 8$ ins. firmly set

in the ground. marked

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

a md of stone along side.

Pits impracticable.

at point of intersection

Set a lava stone $20 \times 13 \times 10$

~~100~~

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BOOK 959

TLSRBE

ins 15 ins in the ground
for Closing cor. to
sec. 5 & 6. marked
CC with 5 notches
on E & 1 notch on
W. edge. and raised
a rd of stone along side
Dits impracticable
Land mountainous
and broken
Soil 4" rate
Some Oak timber

Nov. 28th 1883

I carefully examined
the adjustments of my
solar instrument
to-day, particularly

the latitude and
reversing apparatus
and found them
correct

General Description

The West half of
this township is broken
and mountainous,
being spurs running
S.E. from the main
Chiracahus range.

They are broken and
detached, with numer-
ous small canons
separating them

General Description, cont.

The center and E half is level and rolling, dotted in various places, with round lava cones some of which have craters in them; the south east quarter is covered with small rough lava stones, which detract considerably from its value as a cattle range.

The road from Tombstone and Willow Springs to San Simon station traverses the entire township, also

a trail into Rucker Canon. used by soldiers does the same

There are three springs in the township. in secs 5-6-^{and} 19. respectively.

The one in the Western part of sec 19. is very good and flows at intervals for one mile

The soil is about 3" rate

little timber and no indications of minerals were noticed

Fountain F. Letcher. (the applicant for survey), has his spring ^{checks} improvements in N.W. 1/4 sec 6.

Value about \$120⁰⁰ (over)

BOOK 959

For final oaths see, Books 710, 10.

U. S. Surveyor General's Office,

Tucson, Arizona, *Mar. 19.* 1884,

The foregoing Field Notes of the Survey of the

*Subdivision Lines of
Township 21 South
Range 30 East*

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by *Walter Bevil*Deputy Surveyor, under his contract of the *1st*day of *October*, 188*3* having been

critically examined and the necessary corrections and explana-

tions made, the said Field Notes and the surveys they describe

are hereby approved

Royall Johnson
Surveyor General.