

BOOK 1059

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P1

F I E L D N O T E S

OF THE SURVEY OF THE

SUBDIVISION LINES

OF

Township 20 N., Range 1 West.

Gila and Salt River Base and
Meridian,

ARIZONA.

By J. T. Smith, D. S. under
contract dated July 24, 1883.
Survey commenced Oct. 4th, 1883.
Survey completed Oct. 6th 1883.

For description of and
important preliminary work
see Book No 1

Survey commenced Oct. 4th 1873
Survey completed Oct 6th 1873

1A

Township 20 N Range 1 W
 S & R B & M.

M.

6	5	68	4	48	3	34	2	18	1
		67		65		47		33	16
7	8	64	9	46	10	31	11	15	12
		63		62		45		30	14
18	17	60	16	43	15	29	14	11	13
		60		58		42		27	10
19	20	57	21	41	22	26	23	8	14
		56		55		40		24	6
30	29	53	28	38	27	23	26	4	25
		53		51		37		22	3
31	32	50	33	36	34	20	35	1	36
		X		X		X		X	

T 20 N R 1 W
 G & S R B & M

Chains

From the cor to secs
 1-2-35-36 on the south
 bdy. of the previously
 set by me. I run
 N bet Secs 35 & 36

N $14^{\circ}15'$ East

40.00

Set a Malpais stone
 16x6x6 ins 11 ins in
 the ground for $\frac{1}{4}$ sec
 cor marked $\frac{1}{4}$ on W
 face. from which
 A cedar 12 ins diam
 bears N 4° E. 92 lks
 dist. marked $\frac{1}{4}$ S B 7
 A cedar 9 ins diam
 bears S 81 W 23 lks
 dist. marked $\frac{1}{4}$ S B 4

80.00

Set a Malpais stone
 12x10x10 ins 8 ins in
 the ground for cor to

T20NR1W

Chain

secs. 25-26-35-36.
 marked with 1
 notch on S & E
 edges. from which
 A cedar 13 ins diam
 bears $N14^{\circ}E$ 57 lks
 dist. marked T20
 NR1W S 25 B 4
 A cedar 10 ins diam
 bears $S47^{\circ}E$ 18 lks
 dist. marked T20
 NR1W S 36 B 4
 A cedar 14 ins diam
 bears $S78^{\circ}W$ 70 lks
 dist. marked T20
 NR1W S 35 B 4
 A cedar 8 ins diam
 bears $N9^{\circ}W$ 29 lks
 dist. marked T20
 NR1W S 26 B 4
 Surface broken

T20NR1W

Chains

Soil 4" rate
 Dense scrubby cedar
 Grass fair

S $86^{\circ} 55' E$ on a
 random line bet secs

25 & 36

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

40.00 Set temporary ~~to~~ sec on

51.00 Descend into small canon

54.65 Bottom of canon. S south

Ascend

63.00 Leave canon

80.03 Intersect-Meridian, 160 links N

cor. to secs 25-30-31-36.
 previously described by me

∴ Hence I run

N $85^{\circ} 47' W$ on a true
 line bet secs 25 & 36

With same Va

T 20 N R 1 W

chains

40.03

Set a Malpais stone
 16x10x6 ins 11 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.

from which

A cedar 8 ins diam br
 S 14° E 67 lks dist.

Marked $\frac{1}{4}$ S. B. T.

80.05

The cor to secs 25-26 ^{no other trees within limit} 35-36

Surface broken

Soil $\frac{1}{4}$ rate

No grass

Dense scrubby cedar

Wet secs 25 & 26

Va 14° 15° E

Through dense scrubby

T20NRW

Chains

cedar

40.00

Set a malpais stone
 15-12-7 ins 10 ins in
 the ground. for $\frac{1}{4}$
 sec cor marked $\frac{1}{4}$
 on W face. from which
 A cedar $\frac{1}{2}$ ins diam. brs
 S 84° E. 21 lks dist.
 marked $\frac{1}{4}$ S B 7
 A cedar 13 ins diam. brs
 N 72° W. 34 lks dist
 marked $\frac{1}{4}$ S. B. 7.

10.00

Set a malpais stone
 17 X 16 X 10 ins 11 ins in
 the ground for cor
 to secs. 23-24-25-26
 marked with 2 notches
 on S and 1 notch on
 E edges. and raised
 a rd of stone along-
 side. Pits impracticable

T 20 N R 1 W

chains

from which

A cedar 10 ins diam
 bears $N 44^{\circ} E$ 60 lks
 dist. marked T 20 N
 R 1 W S 24 B 7

A cedar 7 ins diam
 bears $S 63^{\circ} E$ 71 lks
 dist. marked T 20 N
 R 1 W S 25 B 7

A cedar 9 ins diam
 bears $S 42^{\circ} W$ 14 lks
 dist. marked T 20 N

R 1 W S 26 B 7
 No other trees in vicinity
 Surface broken
 and rocky.

Soil 4" rate
 Dense scrubby cedar
 Grass poor

$S 86^{\circ} 55' E$ on a
 random line bet secs 24-25-

T 20 N R 1 W

Chains		
	Va $14^{\circ} 15' E$	
48.00	Descend into cañon	
28.00	Bottom of cañon. $\odot S. E.$	
	Ascend over ridge into another.	
40.00	set temporary $\frac{1}{4}$ sec cor	
41.17	Bottom of cañon $\odot S. W.$	
	Ascend over ridge into another cañon	
57.00	Bottom of cañon $\odot S.$ and	
	ascend over ridge into another cañon	
68.15	Bottom of cañon $\odot S. W.$	
	and ascend	
71.00	Leave cañon	
80.03	Intersect Meridian 286	
	lks N of cor to sec ^{previously not equal by me} 19-24-25-30. Thence	
	I run	
	$N 84^{\circ} 52' W$ on a true line bet sec 24 & 25	

T 20 N R 1 W

Chains

With same No

40.02

Set a Malpais stone

14x12x8 ins 9 ins in the ground
for 4 sec cor marked 4 on
N face. from which

A cedar 7 ins diam
bears N 34° E 83 lks dist
marked 4 S. B. T.

A cedar 5 ins diam
bears S 60° W 97 lks dist
marked 4 S B T

40.03

The cor to secs 23-24-25-26

Surface broken

Soil 4" rate

Dense scrubby cedar

No grass

N. bet secs 23-24

V 14° 15' East.

T L O N R I W

Chain

- 40.00 Over broken Mt ridges
Set Malpais stone
14X10X6 ins 9 ins in
the ground for the sec
cor marked 4 on W
face. and raised a
rod of stone along-
side. Pits impracticable
- 43.00 Descend into Cañon
- 68.70 Bottom of Hell's canon
Co. S. W.
Ascend
- 80.00 Set Malpais stone
18X16X12 ins. 12 ins in
the ground for cor to
secs 13-14-23-24 marked
with 3 notches on S
and 1 notch on E
edges. and raised
a rod of stone along-
side. Pits impracticable

T20 N R 1 W

Chains

Surface broken
Soil 5" rate
Dense scrubby cedar
No grass

S 86° 55' E on
a random line
bet secs 13 & 24
Descend via 14° 15' E

34.20 Bottom of cañon. C.S.W.
and ascend

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

57.00 Leave cañon

79.96 Intersect Meridian 428
lks N of cor to secs
13-18-19-24. previously
described by me. Thence

I run
N 83° 30' W on a true
line bet secs. 13 & 24

T J O N P I W

Chain

39.98 With same Na
Set Malpais stone
12x10x8 ins 11 ins in
the ground for 4 sec
cor marked 4 on N
face. and raised
a ind of stone
alongside.

39.96 Pits impracticable
The cor. to secs 13-14-23-24
Surface broken
Soil 4" rate
Dense scrubby cedar
No grass

N bet secs 13 & 14
Na 14° 15' E

Ascend
7.00 Leave cañon

T20NR1W

chains

34.00

Descend into another
cañon

40.00

Set a Malpais stone
24X16X12 ins 18 ins in
the ground for ^{1/4 sec} cor
marked 4 on W
face and raised a
rod of stone
along side. Pits
impracticable

46.80

Bottom of cañon. C S W
Ascend

59.00

Leave cañon

80.00

Set a Malpais stone
17X14X6 ins 11 ins in
the ground for cor
to secs 11-12-13-14
marked with 4 notches
on S and 1 notch on
E edges. and raised
a rod of stone

- T 20 N R 1 W

Chain

alongside. Pits
impracticable
from which

A cedar 8 ins diam
bears $N 28^{\circ} E$ 114 lks
dist. marked T 20
N R 1 W S 12 B 4

A cedar 7 ins diam
bears $S 47^{\circ} E$ 90 lks
dist. marked T 20 N
R 1 W S 13 B 4

A cedar 5 ins diam
bears $S 60^{\circ} W$ 17 lks
dist. marked T 20 N
R 1 W S 14 B 4

No other trees
Surface mountainous
Soil 4" rate

Dense scrubby cedar
No grass

T20NR1W

chains

S $6^{\circ}55'E$ on a
random line bet
secs 12 + 13
Va $14^{\circ}15'E$

- 16.00 Descend into canon
21.35 Bottom of canon Co S W
Ascend out of ^{same} canon
37.00 Leave canon
40.00 Set temporary $\frac{1}{4}$ sec cor
40.57 Intersect Meridian 15.3 lks
N of cor to secs. 7-12
13-18. previously described
by me. Thence
O run
N $85^{\circ}49'W$ on a true
line bet secs 12 + 13
With same Va
40.04 Set Malpais stone
20x14x6 ins 15 ins in
the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ on N

T J N R 1 W

Chains

face. and raised a
 md of stone
 alongside. Pits im-
 practicable

80.57 The cor to secs 11-12-13-14
 Surface broken and rocky
 Soil 4" rate

Dense scrubby cedar
 No grass

N bet secs 11 & 12
 Va 14° 15' E

4000 Through dense scrubby cedar
 Set a Malpais stone
 18X12X10 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
 Pits impracticable

T20NR1W

chains

71.00

Descend into canon

79.00

Bottom of canon, C S

76°W. and ascend

80.00

Leave canon, and set

a Malpais stone 18X14X8

ins. 12 ins in the ground

for cor to secs 1-2-11-12

Marked with 5 notches

on S, and 1 notch on E

edges, and raised a

rod of stone along side

Pits impracticable

Surface broken & rocky

Soil 4" rate

Dense scrubby cedar

No grass

on a random line

S 86° 55' E bet

secs 1 & 12

N 14° 15' E

T L O N R 1 W

Chains

- Descend into cañon
- 28.40 Bottom of cañon $\text{cs. } S 70^{\circ}$
W. and ascend
- 37.00 Leave cañon
- 40.00 set temporary $\frac{1}{4}$ sec cor
- Ascend rocky Mt
- 41.10 Intersect Meridian 300
lks N of cor to secs
1-6-7-12. previously
described by me. Thence
O run.
- $N 84^{\circ} 46' W$ on a true
line bet secs 1 & 12
- 40.05 Set a Malpais stone
^{with same sta}
17X14X10 ins 1/2 in in
the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N face
and raised a md
of stone alongside
Pts impracticable

T 20 N R 1 W

Chains

80.10 The cor to secs 1-2-11-12
 Surface mountainous
 Soil 4" rate
 Scattering scrubby cedar
 Grass fair

North on a true
 line bet secs. 1 & 2
 Va $14^{\circ} 15' E$

Ascend south end
 of Mt.

40.00 Set Malpais stone
 $12 \times 12 \times 8$ ins 11 ins in
 the ground for 4 sec cor
 marked $\frac{1}{4}$ on W face
 and raised a mid
 of stone alongside.

Pits impracticable

7310 Intersect 5th Standard

T 2 S N R 1 W

Chains

parallel ^{North} 40 lks E of
Standard cor to secs
35 + 36. previously
set by me.

Set a Malpais stone
16 X 14 X 10 in 11 ins in
the ground for closing
cor. to secs 1 + 2.

marked C.C. with 1
notch on E and 5
notches on W. edges.
and raised a rd of
stone alongside
^{Prac} impracticable

Surface mountainous
Soil 4" rate
Scattering scrubby cedar
Grass poor

T20NR1W

Chains

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 2-3-34-35, on S bdy of th. previously set by me.

I run

N bet secs 34 & 35-

Na $14^{\circ} 15'$ East-

Through dense scrubby cedars

4000 Set a Malpais stone

20X10X6 ins 15 ins in

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

cor marked $\frac{1}{4}$ on W

T L O N R 1 W

Chain

face. and raised
a md of stone along-
side. Pits impracticable

50.00

Set Malpais stone
16X10X8 ins 11 ins in
the ground for cor
to secs 26-27-34 & 35
Marked with 1 notch
on S. and 2 notches
on E edges. and
raised a md of
stone alongside.
Pits impracticable
Surface rocky & broken
Soil 4" rate
Dense scrubby cedar
No grass

S 86° 55' E on a

T20NR1W

chains

random line bet
secs 26 & 35 -
Va $1\frac{1}{2}^{\circ} 15' E$

11.00 Descend into canon
34.20 Bottom of canon. Co. S.W.

Ascend

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

42.00 Leave canon

79.96 Intersect - N & S line
10 lbs N of cor to secs
25-26-35-36. Thence
Run

$N 86^{\circ} 54' W$ on a true
line bet secs 26 & 35 -

With same Va

39.98 Set a Malpais stone
18 X 12 X 8 ins. 12 ins in
the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ on N
face, and raised

T20 N R 1 W

chains

a rd of stone
 alongside. Pits im-
 practicable

79.96 The cor to secs 26-27-34 & 35-
 Surface broken
 Soil 4" rate
 Dense scrubby cedar
 No grass

N bet secs 26 & 27
 Va 14' 15" E

40.00 Through dense scrubby cedar,
 Set Malpais stone 17X12X9
 ins 11 ins in the ground
 for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$
 on N face and raised
 a rd of stone alongside
 Pits impracticable

80.00 Set Malpais stone

T L N R 1 W

chains

16 x 12 x 8 ins 14 ins in
the ground. for cor
to secs 22-23-26-27
marked with 2 notches
on S & E edges.

and raised a md
of stone alongside
Pits impracticable
Surface rocky & broken

Soil 4" rate
Dense scrubby cedar
No grass

S 6° 55' E on a
random line bet
secs 23-26.

Va 14° 15' E
Over rocky ridges
40.00 Set temporary 1/2 sec on

T 20 N R 1 W

chains

79.94 Intersect N 7 S line
 7 lks S of cor to
 secs 23-24-25-26
 Thence I run
 N 86° 58' W on a true line
 bet secs 23 & 26.
 With same Va

39.97 Set a Malpais stone
 16x12x8 ins in the
 ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. face. and raised
 a md of stone alongside
 Pits impracticable

79.94 Thence to secs. 22-23-26 & 27
 Surface rocky ridges
 Soil 4" rate
 Dense scrubby cedar
 No grass

T Q N R 1 W

chains

N bet secs 22 & 23

Va 14° 15' E

20.00 Descend into canon

37.20 Bottoms of canon C. S. W.
and ascend45.00 Set a Malpais stone
12 X 12 X 8 ins 11 ins in the
ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on U. face
and raised a md
of stone alongside
Pits impracticable47.00 Leave canon and ascend
gradually80.00 Set a Malpais stone
18 X 12 X 6 ins 12 ins in
the ground for cor to
secs 14-15-22-23.marked with 3 notches
on S and 2 notches

T. 20 N. R. 1 W

chains

on E edges. and
 raised a md of
 stone alongside.
 Pits impracticable
 Surface mountainous
 Soil rocky
 Dense scrubby Cedar
 No grass

S 86° 55' E on a
 random line bet
 secs 14 & 23

N 14° 13' E

38.00 Descend into canon.
 40.00 Set temporary $\frac{1}{4}$ sec cor
 48.27 Bottom of canon. C. S. W.
 ascend
 57.00 Leave canon
 7300 Descend

T 20 N R 1 W

chains

80.02 Intersect N 7 S line
16 lks N of cor to secs
13-14-23-24. Thence

Drum

N 86° 48' W on a true
line bet. secs 14 & 23

With same Va

40.04 Set a Malpais stone
20 X 12 X 6 ins 15 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.

Pits impracticable

80.08 The cor to secs 14-13-22 & 23

Surface broken

Soil rocky. 4" rate
Dense scrubby cedar

No grass

T 20 N P 1 W

Chains

N. bet. secs, 14 & 15
 Va $14^{\circ} 15' E$

Ascending

4000

Set Malpais stone
 20x12x9 ins 15 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. Pits impracticable

Ascend steep Mt

7000

Top of mt. bears N & S

8000

Set a Malpais stone
 16x16x10 ins 11 ins in
 the ground for cor to secs
 10-11-14-15. marked with
 $\frac{1}{4}$ notches on S and 2
 notches on E edges
 and raised a md
 of stone along side
 Pits impracticable

T L N R W

chains

Surface mountainous
Soil rocky 4' rate
Dense scrubby cedar
No grass

S $86^{\circ}35'$ E on a
random line bet
secs 11 & 14

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

Descend

3400 foot of Mt. Thence
over rocky ridges

4000 Set temporary 4 sec
cor.

7996 Intersect N of S line
16 lbs N of cor to secs
11-12-13-14. Thence

Or run

N $86^{\circ}48'$ W on a true

T20NR/W

Chano

line bet secs 11 & 14

With same Va

39.98

Set a Malpais stone
 20x14x10 ins 15 ins in the
 ground for $\frac{1}{4}$ sec cor.
 marked $\frac{1}{4}$ on N face
 and raised a end of
 stone alongside

Pits impracticable

79.96

The cor to secs. 10 & 11 - 14 & 15 -

Surface broken
 Soil rocky, 4" rate
 Dense scrubby cedar.
 No grass

N bet secs 10 & 11

Va 14° 15' E

Descend

40.00

Set Malpais stone

T20NR1W

chains

20x18x12 ins 13 ins in
the ground for $\frac{1}{4}$
sec on marked $\frac{1}{4}$
on W face, and raised a
rod of stone alongside

Pits impracticable

67.17 Bottom of canon Co. SW
and ascend

61.00 Leave canon

80.00 Set a Malpais stone
18x14x7 ins 12 ins in
the ground for cor
to sec. 2-3-18711.

Marked with 5 notches
on S and 2 notches
on E edges, and
raised a rod of stone
alongside. pits imprac-
ticable

Surface mountainous

720 N R 1 W

Chain

Soil 4" rate
 Dense scrubby cedar
 No Grass

on a random line
 S $86^{\circ} 55'$ E bet
 secs 2 & 11

Va $14^{\circ} 15'$ East

40.00 Set temporary $\frac{1}{4}$ sec cor
 H. 06 Intersect N & S line
 12 lks S of cor to
 secs 1-2-11 & 12.

Thence I run
 N $87^{\circ} 0'$ W on a true
 line bet secs 2 & 11

With same Va

40.03 Set a Malpais stone
 12X12X8 ins 11 ins in the
 ground for $\frac{1}{4}$ sec cor
 marked $\frac{1}{4}$ on N face

T L N R I W

chains

and raised a mid
of stone alongside
Pits impracticable

St. 6

The cor to secs 2-3-10-11

Surface rolling
Soil rocky, 4" rate
Dense scrubby cedar
No grass

Original true line
N. $\frac{1}{2}$ bet. secs 2 & 3
Va $14^{\circ} 15' E$

40.00

Set a Malpais stone
18 X 12 X 6 ins 12 ins in
the ground for $\frac{1}{2}$ sec
cor marked $\frac{1}{4}$ on
W. face and raised
a mid of stone
alongside
Pits impracticable

T 20 N R 1 W

Chains

6708 Intersect 5" standard
 parallel ^{North} "32 lks E of
^{standard} cor to secs 34 & 35 -
 previously set by me
 Set a Malpais stone
 16 x 10 x 6 ins 11 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
 and raised a rnd
 of stone alongside
 Pits impracticable
 Surface rolling
 Soil 3" rate
 Dense scrubby cedar
 Grass fair

T2NR1W

Chains

From the cor to secs.
34-33+34. previously
Set by me. on the
S. sdy. of the S
run

N bet secs 33+34
Va 14° 13' E

45.00 Over rocky ridges
Set a Malpais stone
18X12X7 ins 12 ins in the
ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on W. face
and raised a mid of
stone along side.

80.00 Pits impracticable
Set a Malpais stone
20X10X9 ins 13 ins in
the ground for cor
to secs 27-28-33+34
marked with 1 notch
on S and 3 notches

T D S N R 1 W

Chano

on E edges, and
 raised a mid of
 stone along side
 Pits impracticable
 Surface broken
 Soil 4" rate
 Dense scrubby cedar
 Grass poor.

S 86° 55' E on a
 random line bet
 secs 27 & 34

at 14° 15' E

40.00 Set temporary 1/4 sec cor
 79.98 Intersect N & S line 8
 lks S of cor to secs.
 26-27-33 & 34. Thence

Run

N 86° 58' W on a true

TOWNRIW

chains

line bet secs 27984

With same Va

39.99

Set a Malpais stone

16X13X18 ins 11 ins in

the ground for 4 sec

cor Marked K on N

face. and raised a

mid of stone alongside

Pita impracticable

19.98

The cor to secs 27-28. 33734

Surface rolling

Soil 3" rate

Dense scrubby cedar

Grass fair

N bet secs 27928

Va 14+15' E

40.00

Set a Malpais stone

18X14X17 ins 12 ins in

T J S W R I W

Chama

the ground for the
sec. cor. marked $\frac{1}{4}$
on W. face and raised
a md of stone along
side. Pits impracticable

6.00

Descend into canon

70.14

Bottom of canon B S W

Ascend

26.00

Leave canon

80.50

Set a Malpais stone

12X11X10 ins⁸ in the

ground for cor to secs

21 & 22 - 27 & 28, marked

with 2 notches on S

and 3 notches on E

edges, and raised

a md of stone along

side.

Pits impracticable

Surface rolling

T 20 N R 1 W

Soil 4" rate
Dense scrubby cedar
Grass poor

S 86° 55' E on a
random line bet secs

22 & 21

N 61° 13' E

- 10.00 Descend into canon
28.30 Bottom of canon. C.S.W.
Ascend
39.00 Leave canon
40.00 Set temporary 1/4 sec
cor
29.97 Intersect N 7 S line
8 lks N of cor to secs
22-23-26 & 21. Thence
Drum
N 86° 52' W on a true

T 20 N R 1 W

line bet secs 22 & 27

3999

Set a Malpais stone
 16 x 8 x 5 ins. 11 ins in
 the ground for ^{1/4} sec
 marked $\frac{1}{4}$ on N face
 and raised a row
 of stone alongside
 Pits impracticable

3997

The cont to secs 21-22-27-28
 Surface broken
 Soil rocky. 4" rate
 Dense scrubby cedar
 No grass

N bet secs 21 & 22
 (R 14 & 15) E

4000

Set a Malpais stone 18 x 14 x 6
 ins. 12 ins in the ground for $\frac{1}{4}$
 sec. Ctr. marked $\frac{1}{4}$ on N face

T. F. N. R. 178.

Chains

and raised a mound of stone
alongside.

Pits impracticable

8000 Set a Malpais Stone 20x14x6
ins. 15 ins. in the front for
Apr & Dec 15-16-21-22 marked
with 3 notches on S & E. edges
and raised a mound of
stone alongside.

Pits impracticable

Surface rolling
Soil rocky 4th rate
No grass

Dense scrubby Cedar

S. 86° 55' E on a random line
bet Dec. 15-22

Var. 140 15' E.

4000 Set temporary 1/4 Dec. cov.

J. 25 N. R. 1 S. V.

chain
79.96

Intersect N+V, line 16 lks
N. of cor. to Secs. 14-15-22-23
then on E run
N. 86° 48' W. on a true line
bet Secs 15-22 with Drum Bar.

39.98

Set a Malpais stone 18x10x7
cis 12 cis. in the ground for 1/4
Sec. Cor. marked 1/4 on N face
& raised a mound of stone
alongside. Pits impracticable

79.96

the Cor. to Secs 15-16-21-22
Surface rolling
Soil 4th rate

No grass

Dinner Crutty Cedar

N. bet Secs 15-16

Var. 140° 15' E.

40.00

Set a Malpais stone 18x14x8

J. 20 N. R. 1 W.

Spins

ins. 12 ins. in the pond for $\frac{1}{4}$
Sec. Cor. marked $\frac{1}{4}$ on W face
and raised a mound of stone
along side. Pts. impracticable

51.00 Descend into Cañon
57.16 Bottom of Cañon Corner S. W. face
Ascend

64.00 Leave Cañon

80.00 Set a Malpais stone 20x10x8
ins. 15 ins. in the pond for
Cor. to Sec. 9-10-15 H. marked
with 4 notches on S. & 3 notches
on E. edge. & raised a mound
of stone along side.
Pts. impracticable
Surface broken
Soil 4th rate

No grass

Near Scrubby Cedar

J. 25 N. R. 1 W

Chairs

S. $86^{\circ}55'E$, on a random
line bet. Lies 10-15
D.V. $140^{\circ}15'E$.

For Descend into Cañon

16.31 Bottom of Cañon Cover S. and
asand Mountain

40.00 Set temporary $1/4$ Sec. Cor.

80.10 Intersect N & S. line 7 lks N.
of Cor. to Lies 10-11-14-15
thence S. E

N. $86^{\circ}52'$ W on a true line bet. Lies
10-15 with some D.V.

40.05 Set a Malpais stone $14 \times 12 \times 8$
ins 9 ins. in the front for $1/4$
Sec. Cor. marked $1/4$ on N
face & raised a mound of
stone alongside
Pits impracticable

80.10 The Cor. to Lies 9-10-15-16
Surfer Mountainous

J. 20 N. R. 1 W

choirs

Soil 4th robe
 No grass
 Never Scrubby Cedar

N. bet. Secs 9-10
 1/4th 140 15' E.

40.00 Set a Malpais stone 18x10x6 ins
 12 ins. in the ground for 1/4th Sec
 Cor. marked 7/4 on N. face
 and raised a mound of
 stone alongside

Pit impracticable

80.00 Set a Malpais stone 17x6x6
 ins 11 ins. in the ground for
 Cor. to Secs. 3-4-9-10 marked
 with 5 notches on S. & 3 notches
 on E. edges & raised a mound
 of stone alongside

Pit impracticable

J. 20 N. R. 1 W.

chain

Surface colling
 Soil 4 ft rate
 No grass
 Dense Scrubby Cedar

on a random line
 S. $86^{\circ} 55' E$, but Secs 3+10
 for $14^{\circ} 15' E$.

40.00 Set temporary $\frac{1}{4}$ Sec Cor

79.91 Intersect N & S. line at Cor to

Secs. 2-3-10-11

Then I run

N. $86^{\circ} 55' W$. on a true line
 but Secs 3+10 with some var.

39.96 Set a Malpais stone $12 \times 10 \times 9$

ins. \times ins. in the ground for

$\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N

face, & raised a mound of

stone alongside.

Pts. impracticable

J. V. N. R., Jr

Chains

79.91

The cor. + Secs 3-4-9-10

Surface selling

Drill + a rate

No frost

Several Scrubby Cedars

on a timber line

N. but Secs 3-4

Var. 140 15' E.

4000

Set a Malpais stone 17x10x6

ins. 11 ins. in the front for

1/4 Sec. Cor. marked 1/4 on N. face

+ raised a mound

of stone along side

Pit impracticable

6280

Intersect to Standard

parallel N. 30 lks E. of

Standard Cor. to Secs 33-34

previously set by me

when I set a Malpais

J. 20 N R 1 W

Choin

Stone 16 x 10 x 8 ins 11 ins in
 the joint for C. Crossing Cor.
 to Lues 3 & 4 marked C.C.
 with 3 notches on E & W edges
 & raised a row of stone
 along side. Pits in part of
 surface rolling
 Soil 3rd rate
 Grass fair
 Near Scrubby Cedar

I Carefully examined the
 adjustment of my Polar
 instrument ^{today} particularly
 the latitude and observing
 apparatus & found them
 Correct

J. To N. R. 1 22

Choirs

From the Cor. to Sec. 4-5-
32-33 on the South Bdy
of the Township, previously
let by me

Sec. 4

N. beh. Sec. 32-33

Cor. 140, 15' E.

- 46.00 Let a Malpais stone 18x10x6
ins. 12 ins. in the ground
for 1/4 Sec. Cor. marked 1/4 on
N. face and curbed around
of stone along with
Pits impracticable
- 47.10 Cross Ash Fork and Prescott
Stage Road for N. W. & S. E.
Descend into Hell Cañon
- 63.00 Bottom of Hell Cañon Cor.
S. W. and
Ascend
- 71.00 Stage Station N. of line

J. To N. R. 1 rr

Choirs

About 8 chs. dist. and
Leon Coñon

So. 00 S. 84 Malpais stone 16 x 10 x 6
ins 11 ins. in the ground
Cor. of Secs 28-29-32-32
marked with ● 1 notch on S.
and 4 notches on E. edges
dug pits 18 x 18 x 12 ins. in each
Sec 5 1/2 ft. dist. and raised
a mound of earth 2 ft. high
4 1/2 ft. from along with
surface broken
Soil 4 to 6 in
Dense Scrubby Cedar

on a random line

S. 86° 55' E. bet Secs 28-33
Cor 14° 15' E.

4.00 Descend into Hills Coñon

12.00 Bottom of Coñon. Corner S.

T. 20 N. R. 1 W.

chains

Ascend

40.00

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

79.94

Intersect N & S. line 12 lks

S. of Cor. to Secs. 27-28-33-34

Thence run

 $N87^{\circ} 10' W$ on a true line bet

Secs. 28-33 with corner box.

39.97

Set a Malpais stone $18 \times 10 \times 8$

ins. 12 ins. in the front for

 $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N.

face & raised a mound

of stone along side.

Ditch impracticable

79.94

The Cor. to Secs. 28-29-32-33

Surface broken

Soil 4th rate

Grass poor

Never Scrubby Cedar

J. 20 N. R. 1 W.

Chairs

^{on a condor line}
N. $86^{\circ} 55' W.$, bet Secs 29-32
Var. $14^{\circ} 15' E.$

4.00 Cross Ash Fork & Prescott
Stage Road bet. N & S.

32.60 Interest N. boundary of
Township 7 lks. S. of Cor
to Secs. 25-29-32-36.

Previously set by me
thence I run

$S 86^{\circ} 48' E$ on a true line
bet Secs 29 & 32 with same Var.

32.60 The Cor. to Secs 28-29-32-33

Surface rolling

Soil 3rd rate

No grass

Dense Scrubby Cedar

N. bet. Secs 28-29

Var. $14^{\circ} 15' E.$

J. 20 N. R. 1 W

Chairs

- Ascend gradually
- 40.00 Let a Malpais stone $14 \times 10 \times 8$
 ins. 9 ins. in the ground for $1/4$
 Sec. Cor marked $1/4$ on W face
 and raised a mound of stone
 alongside. Pit Unpracticable
- 80.00 Let a post 4 ft. long 4 ins.
 square with marked stone 12
 ins. in the ground for Cor to
 Secs. 20-21-28-29 marked
 T. 20 N. S. 21 on N.E.,
 R. 1 W. S. 28 on S.E.,
 S. 29 on S. W. and ^{with} 2 notches on
 S. 20 on N. W. faces ^{due}
^{Survey} 4 ft. E edges
 pit $18 \times 18 \times 12$ ins. in each Sec.
 $5 \frac{1}{2}$ ft. dia and raised
 a mound of earth 2 ft high
 $4 \frac{1}{2}$ ft. dia around post
 Surface rolling
 Soil 2nd cat. Grass fair. Scrubby Cedar

T. 20 N. R. 1 W

Chains

S. $86^{\circ}55'E$, on a condow
line bet Secs 21-28

Box $14^{\circ}15'E$.

34.00 Descend into canon

37.00 Bottom of canon

Ascend

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

79.93 ^{Leave canon} Intersect - N + S line 13

the S of cor to sec 21-22-

27-28. Thence run

$N87^{\circ}01'W$ on a true line

bet sec. 21 + 28

With same $\frac{1}{4}$.

39.97 Set a Malpais stone

$12 \times 12 \times 9$ ins 91 ins in

the ground for $\frac{1}{4}$ sec^o

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

face. and raised a. mt.

of stone alongside

Pits impracticable

T 20 N R 1 W

Chains

19.93 The cor to secs 20-21-28+29
 Surface rolling
 Soil 3" rate
 Dense scrubby cedar
 Grass fair

N 86° 55' W on a
 random line bet secs
 20+29

N a 14° 15' E

3240 Intersect W. body of
 the 14 lks S of cor to secs
 20-24-25-29. previously
 set by me. There

I run

S 86° 40' E on a true line
 bet secs 20+29.

With same N a

3240 The cor to secs 20-21-28+29

T 20 N R 1 W

chains

Surface rolling
 Soil 2" rate
 Scattering scrubby Cedar
 Grass good

N bet secs 20421
 Va 14' 15' E

Ascending

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
 on W face. dug pits
^{N + S of post -}
 18 X 18 X 12 ins, $5\frac{1}{2}$ ft dist.
 and raised a mud of
 earth $1\frac{1}{2}$ ft high, $3\frac{1}{2}$ ft
 base around post

80.00

Set a Malpais stone
 20 X 12 X 7 ins 15 ins in the

T 20 N R 1 W

chains

ground for cor to secs
16-17-20-21. marked
with 3 notches on S
and 4 notches on E
edges. and raised a
rod of stone along side

Pits impracticable
Surface rolling
Soil 3" rate

Dense scrubby cedar
Good grass

S 86° 55' E on a
random line bet secs 16 & 21
N 14° 15' East

- 30.00 Descend into canon
39.60 Bottom of canon Co. B. and
ascend
40.00 Set temporary 1/4 sec cor

T 20 N R 1 W

chains

62.00 Leane canon
 79.94 Intersect N + S line at
 cor to secs. 15-16-21-22

Thence I run
 N 86° 55' W on a true
 line bet secs 16 & 21
 With same Va

39.97 Set a Malpais stone
 14 X 10 X 6 ins 9 ins in the
 ground. For 1/4 sec cor
 marked 4 on N face and
 raised a md of stone
 along side. Pit impracticable

79.94 The cor to secs 16-17-20 & 21
 Surface rolling
 Soil 2" rate
 Dense scrubby cedar
 Grass fair

T L O N R I W

chains

31.50 N 86° 55' W on a ran-
dom line bet secs 17 & 20
Intersect W body of $\frac{1}{4}$ ^{by 14° 15' E}
S lks S of cor to secs
13-17-20 & 24, previously
set by me. Thence

I run
S 86° 46' E on a true
line bet secs 17 & 20

31.57 With same Va.
The cor to secs 16-17-20 & 21

Surface rolling
Soil 2" rat^l
Scattering scrubby cedar
Good grass

N bet secs 16 & 17
Va 14° 15' E
Ascending

T 20 N R 1 W

Chains

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 on W face. dug pits
 18X18X12 ins. N & S. of post
 5 $\frac{1}{2}$ ft dist. and raised
 a rnd of earth $\frac{1}{2}$ ft high
 3 $\frac{1}{2}$ ft base around post

80.00

Set a Malpais Stone
 22X18X12 ins 16 ins in
 the ground for cor to sec
 8-9-10 & 12. marked
 with 4 notches on S
 and E edges. dug pits
 18X18X12 ins in each
 sec. 5 $\frac{1}{2}$ ft dist and
 raised a rnd of earth
 2 ft high 4 $\frac{1}{2}$ ft base
 alongside.

TOWN R 1 W

Chains

Surface rolling
Soil 2" rate
Dense scrubby cedars
Grass good

S $6^{\circ} 55' E$ on a
random line bet secs 9 & 16
N $14^{\circ} 15' East$

4000 Set temporary $\frac{1}{4}$ sec cor
79.94 Intersect - N & S line 16 lbs
S of cor to secs. 9-10
15 & 16. Thence run
N $7^{\circ} 02' W$ on a true
line bet secs 9 & 16

With same N
39.97 Set a malpais stone
14x10x7 ins pins in
the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ on

T 20 N R 1 W

Chains

N. face and raised a
 mid of stone alongside
 Pits impracticable

29.94 The cor to secs 8-9-16-12

Surface rolling
 Soil 2" rate

Dense scrubby cedar
 Good grass

N 86° 55' W on a
 random line bet secs 8 & 12
 Va 14° 15' E

31.42 Intersect W. body of the
 10 lbs S of cor to secs
 8-12-13-12. previously
 set by me. Thence

A run
 S 86° 44' E on a true line
 bet secs 8 & 12.

T 20. N R 1 W

chains

With same Va
 3142 The cor to secs. 8-9-16+17
 Surface level
 Soil 1" rate
 Scattering scrubby cedar
 Good grass

N bet. secs. 8 & 9

Va 14 & 15 - E

Overrolling hills

40.00 Set a Malpais stone
 12X10X8 ins 11 ins in the
 ground for $\frac{1}{4}$ sec cor.
 marked $\frac{1}{4}$ on W face
 and raised a mid of
 stone alongside. Pitts
 impracticable

80.00 Set a Malpais stone
 16X14X12 ins 11 ins

T 28 N R 1 W

chains

in the ground for cor
to secs 4-5-8 & 9
Marked with 5 notches
on S, and 4 notches on
E edges, dug pits
18x18x12 ins. in each
sec. $5\frac{1}{2}$ ft dist. and
raised a rim of earth
2 ft high $4\frac{1}{2}$ ft base
alongside
Surface rolling
Soil 2" rate
Dense scrubby cedar
Good grass

S 86° 55' E on a
random line bet secs 4 & 8
N 14° 15' E
40.00 Set temporary 1/4 sec cor

T L O N R / W

Chains

- 79.91 Intersect N of S line
S. lks N of cor to secs
3⁴ - 9 + 10. Thence
I run
N 86° 52' W on a true
line bet secs 4 & 9
With same N₂.
- 39.96 Set a Malpais stone
14 x 12 x 2 ins 2 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
- 79.91 The cor to secs 4-5-8-9
Surface rolling
Soil 2" rate
Dense scrubby cedar
Good grass
-

T 20 N R 1 W

chains

N $86^{\circ} 55'$ W on a
random line bet secs
5-7-8

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

31.15- Intersect W body of the
S lka S of cor to secs
1-5-8-12 previously
set by me. Thence
O run.

S $86^{\circ} 46'$ E on a true
line bet secs 5-7-8

With same Va

31.15- The cor to secs 4-5-8-9
Surface, rolling
Soil 1" rate
Scattering scrubby cedar,
Good grass

T20N R1W

Chains

N on a true line bet
secs 4 & 5.

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

40.00 Set a Malpais stone
17X10X6 ins 11 ins in
the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ on N face
and raised a end of
stone alongside.

It's impracticable.

58.30 Intersect - 5" Standard
parallel N. 41 lks
E of ^{standard} cor to secs. 32 & 33
previously set by me
Set a post $\frac{1}{4}$ ft long
 $\frac{1}{4}$ ins square with marked
stone 12 ins in the ground
for Closing cor to secs
4 & 5. Marked
CC. T20N R1W on S
S 4 on E and

T 20 N R 1 W

I 5 on W face, with
 4 notches on E and
 2 notches on W face
 dug pits 18X18X12 ins
 S. E. & W of post
 5 1/2 ft dist. and
 raised a rnd of
 earth 2 ft high
 4 1/2 ft base around
 post.

Surface rolling
 Soil 2" rate
 Dense scrubby cedar
 Good grass

I carefully exam-
 ined the adjustments
 of my solar instrument

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

This Township is very
 broken with Mt ridges and
 deep canyons extending
 from the NE to SW very
 rocky. Scarcely any grass
 dense scrubby cedar.
 except about 3 sections
 in the NW portion of the
 Township that has good
 grass and scattering cedar
 rolling hills. The Stage Station
 of the Ash Fork and Prescott
 Stage line is located in the
 NE 1/4 of Sec 32 No water

in the Township except after
rains is found in holes
in the rocks in Hell's Canyon

For final notes see
Book No. 25

U. S. Surveyor General's Office,

Tucson, Arizona, 188

The foregoing Field Notes of the Survey of the

Subdivision Lines of
Township 20 North
Range 1 West.

Of the Gila and Salt River Basins and Meridian, Arizona, execu-
ted by

J. J. Smith
Deputy Surveyor, under his contract of the 24th

day of July, 1883, having been

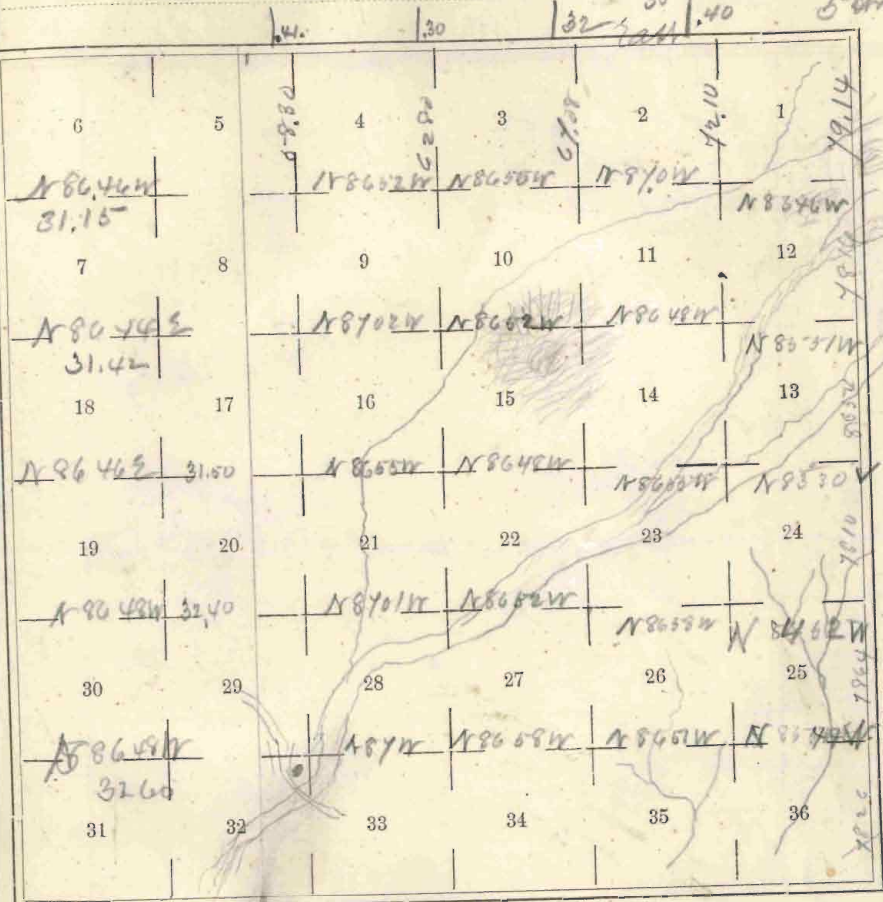
critically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe

are hereby approved

Robert Johnson
Surveyor General.

Township 20 N Range 1 West M.

34 33 32 31 30 29 28 27 26 25 24



N 86° 03' W

24 32 75
 30 56 55
 55 09 30