

BOOK 1070

*Copied*

*Book No. 27*

(P1)

*No. 1070*

# Field Notes

OF THE SURVEY OF THE

*Subdivision Lines*

-OF-

Township *21st*, Range *5th*

*Gila and Salt River Base and Meridian*

ARIZONA. *No. 1070*

By *J. C. Smith* D.S.

Under contract dated *July 24* 18*88*

Survey commenced *Dec 10th* 18*88*

Survey completed *Dec 12th* 18*88*

1070

*Field Notes*

45  
13

1A

BOOK 1070

Township

21 N

Range

5<sup>W</sup>

M.

S. J. R. M.

6	82	5	63	4	49	3	36	2	18	1
81		79		62		48		35		16
7	78	8	40	9	47	10	33	11	15	12
77		75		59		46		32		13
18	74	17	58	16	45	15	31	14	12	13
73		72		57		43		29		10
19	71	20	56	21	42	22	28	23	8	24
69		68		55		41		26		6
30	67	29	54	28	40	27	24	26	4	25
66		65		53		39		22		3
31	64	32	51	33	37	34	20	35	1	36

For description  
instrument and  
preliminary notes Dec.  
Book No 1

Survey commenced Dec. 10th 1873  
" completed Dec. 12th 1873

No. 1070

BOOK 1070

c

T21NR5 W  
E & S. R. M.

chains

Standard

From the cor to sec  
35 & 36 on the 5<sup>th</sup>  
Standard Parallel North,  
previously reestablished by me.

I run

N. bet secs 35 & 36

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

40.00

set  
Malpais stone  $12 \times 10 \times 8$   
ins 8 ins in the ground  
for the sec cor marked  
 $\frac{1}{4}$  on W face. dug  
pits  $18 \times 18 \times 12$  ins N +  
S of stone  $5 \frac{1}{2}$  ft dist  
and raised a mound of  
earth  $1 \frac{1}{2}$  ft high  $8 \frac{1}{2}$   
ft base along side

48.75

Cross road, bears N  
W + S E.

60.00

Cross dry wash, or  
Chino creek 85 lks

## T 21 N R 5 W

Chains

80.00

wide. Co E. (No water)  
 Set a post 4 ft long  
 4 in square, with  
 marked stone 12 in  
 in the ground for  
 cor to secs 25-26-35-  
 36, marked  
 T 21 N. S 25 on N.E.  
 R 5 W. S 36 on S.E.  
 S 35 on S.W. and  
 S 26 on N.W. faces  
 with 1 notch on  
 S and E edges.  
 dug pits 10x18x12 in  
 in each sec 5½ ft  
 dist and raised  
 a rnd of earth  
 2 ft high 4½ ft  
 base around post  
 Surface level

T21NR5W

chains

Soil 1" rate  
Good grass

---

E on a random  
line bet secs 25+36

N $\alpha$  14° 15' E

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

50.05 Intersect E. Bay of  
T $\alpha$  10 like S. of cor  
to secs 25-30-31+36  
previously set by  
me. Thence

I run  
S 89° 56' W on a true  
line bet secs 25+36  
with same N $\alpha$

40.03 Set post 3 ft long  
3 in square. with

T 21 N R 5 W

chains

marked stov 12  
 in in the ground  
 for  $\frac{1}{4}$  sec cor marked  
 $\frac{1}{4}$  S on N face  
 dug pits ~~18~~ 18x12  
 in E+W of post  
 $5\frac{1}{2}$  ft dist and  
 raised a mt of earth  
 12 ft high 3 ft  
 base around post

40.05 The cor to sec 25-26  
 35+36

Surface level  
 Soil 1st rate  
 Good grass

---

N. bet secs 25 & 26  
 Va  $14^{\circ} 15' E$

40.00 Set a post 3 ft long

T 21 N R 5 W

chain

3 in square with  
marked stone, 12 in  
in the ground, for  
 $\left(\frac{1}{16} \text{ sec } \frac{1}{16} \text{ N}\right)$   
 cor. marked  $\frac{1}{4}$  S on  
 W face. dug pits  
 18x18x12 in  $5\frac{1}{2}$  ft  
 dist. N & S of Post,  
 and raised a mud  
 of earth  $1\frac{1}{2}$  ft high  
 $3\frac{1}{2}$  ft base around  
 post

10.00

Set a post  $\frac{1}{4}$  ft  
 long 4 in square, with  
 marked stone, 12 in  
 in the ground, for  
 cor to secs 23-24-25  
 & 26, marked

T 21 N S 24 on NE  
 R 5 W S 25 on SE  
 S 26 on SW and



T 21 N R 5 W

chains

S 23 on NE  
 faces, with 2  
 notches on S and  
 1 notch on E edges.  
 Dug pits  $18 \times 18 \times 12$   
 in in each sec  $5\frac{1}{2}$   
 ft dist and raised  
 a mid. of earths 2  
 ft high  $4\frac{1}{2}$  ft across  
 around post  
 Surface level  
 Soil 1" rate  
 Good grass

---

E on a random  
 line bet secs 24 & 25  
 Va 14-15 E

40.00  
 80.06

Set temporary  $\frac{1}{4}$  sec on  
 intersect E. Bdy line  
 of 7k

T 21 N R 5 W

Chain

12 lks S. of cor to sec  
19-24-25 & 30. previously  
set by me. Thence

I run

$S 89^{\circ} 55' E$  on a true  
line bet secs 24 & 25

With same Va

40.09

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

81.06

The cor to secs 23-24, 21 & 26

Surface level

## T 21 N R 3 W

Chains

Said 1<sup>st</sup> rate  
 Good grass  
 No timber

---

N bet sec 23 + 24  
 Va 14° 15' East

11.25

Cross dry wash 20  
 lks wide. flows S.W.

40.00

Deposited a marked  
 stone, 12 ins in the  
 ground for  $\frac{1}{4}$  sec cor.  
 dug pits 18x18x12  
 ins N + S of cor. 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 N  
 pit drove a stake  
 2 ft long 2 ins

T21N R5W

chains

square. 12 in in  
the ground. marked  
1/4 S on W face.

50.00

Set a limestone  
14X12X5 in 9 in 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 rd of stone alongside  
Pits impracticable  
from which

A piñon 10 in in diam  
bears S 10° W. 4.2 lks dist  
Marked T21N R5W  
S 23 B.J.

A piñon 12 in in diam  
bears N 85° W 2.5 lks dist  
Marked T21N R5W

T21N R5W

Chains

S. H. B. T. within limits.  
 No other trees within limits.  
 Surface ~~Monotonous~~  
 Soil 2" rate  
 Grass good  
 Scattering timber

---

E on a random  
 line bet-secs 13 & 24  
 N 14° 15' E

19.80

Cross dry wash 10  
 lks wide co S. and  
 Ascend

30.00

Top of hill and descend

40.00

Set temporary 1/4  
 sec cor

60.00

Cross dry gulch 10  
 lks wide. Co. S 10° W

80.10

Intersect E. Body line  
 of 1/4 lks S of cor to sec

T21NR5W

chains

13-18-19724. previously  
set by me I hence  
I run  
S89°53'W on a true  
line bet secs 13 & 24  
with same Wa

H.O. 115

Set a limestone 10x10x8  
ins 2 in in the ground  
for 1/4 sec cor marked  
1/4 on N face. and  
raised a mid of  
stone alongside  
Pits impracticable

H.O. 110

The cor to secs 13-14  
23 & 24

Surface Mountainous  
Soil 2" rate  
Scattering scrubby  
Cedar  
Good grass

T 21 N R 5 W

Chains

N bet secs 13 & 14

Va 14° 15' East

Ascend over foot-hill mountains

40.00

Set Sandstone 18X  
13X6 ins 12 in in the  
ground for 1/4 sec  
cor. marked 1/4 on  
W face and raised  
a md of stone along  
side.

Pits impracticable

from which

A cedar 8 in in diam  
bears W 62 lbs  
dist marked

1/4 S. B. T. No other <sup>within limits</sup>

68.00

Ascend over red  
sandstone ~~cont.~~

80.00

Set Sandstone

## T21 NRSW

chains

18X14X5 ins 12 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 rd  
 of stone alongside  
 Pits impracticable  
 Surface mountainous  
 Soil 4" rate  
 scattering scrubby cedar  
 Grass poor

---

E on a random  
 line bet secs 12+13  
 Va 14+15 East  
 Over Mt ridges and  
 gulches



## T21 NR 5 W

Chains

40.00

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

43.00

Cross dry wash, 20  
lks wide Co S. W.

Ascend N. W slope

76.00

Top of bluff, bears  
N E & S W.

80.10

Intersect E bdy line <sup>of 12</sup> 15  
lks S of cor to sec  
7-12-13 & 18 previously  
set by me. Thence

I run

S 89° 52' W on a true  
line bet secs 12 & 13

With same ca

40.05

Set a sandstone  
16 x 14 x 4 in 12 in  
in the ground for  
 $\frac{1}{4}$  sec cor marked  
 $\frac{1}{4}$  on N face and  
raised a md of

## F21NR3W

chain

stone alongside  
Pits impracticable

SA10 The cor to sec 11912  
13714.

Surface mountainous  
Soil rocky. 4<sup>th</sup> rate  
Scattering scrubby cedars  
Grass poor

---

N. bet sec 11912  
Va 14° 15' E

16.00 Ascend red sandstone  
Mt

40.00 Det sandstone 18x16x  
is 12 in the ground  
for 1/2 sec cor marked  
H on W face and  
raised a mt of  
stone alongside

## F21N R5W

chains

24.00

Pits impracticable  
Top of Mt. hrs N E  
and S W.

80.00

Set a sandstone  
14x12x6 in 9 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 mid  
of stone along side  
Pits impracticable  
Surface mountainous  
Soil 4' rate  
scattering scrubby cedar  
No grass

---

Cor a random

## T21 NR 5W

chains

line bet secs 1 & 12  
 Va  $14^{\circ} 15' E$

Across top of Mt

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

52.00 Descend on SE slope  
 of Mt

21.20 Cross dry wash 10 lks  
 midw. to NE

80.12 Intersect E. edge of Tp.  
 14 lks S of cor to secs  
 1-6-7-12, previously set  
 by me. Thence

I run  
 $S 89^{\circ} 54' W$  on a true line  
 bet secs 1 & 12

With same Va

40.09 Set a sandstone  $17 \times 10 \times 8$  in  
 1 ft in in the ground for  
 $\frac{1}{4}$  sec cor, marked  $\frac{1}{4}$  on  
 N face, and raised

# T 21 N R 5 W

chains

a mid of stov along-  
side. Pits impracticable

80.17 The cor to secs 1-2-11-12

Surface mountainous  
Soil 3: rate  
Scattering scrubby cedars  
Grass poor

---

N on a random  
line bet secs 1 & 2  
Va 14° 15' E

3.00 Descend NW slope  
of mt

40.00 Set temporary 1/4 sec cor

58.00 cross dry wash 80 lks  
wide. ca W.

Ascend

80.09 Intersect N bdy of T<sub>h</sub>  
14 lks W of cor to secs

## T 21 N R 5 W

chains

1-2-35+36, previously  
set by me. Thence  
I run  
S<sup>0</sup> 06' W on a true line  
bet secs 1+2

With same to

40.09

Set a sandstone 12X16X4  
in 14' in the ground  
for  $\frac{1}{4}$  sec cor marked  
 $\frac{1}{4}$  on W face, and  
raised a mid of stone along  
side

Pits impracticable

80.09

The cor to secs 1-2-11+12  
Surface mountainous  
Soil 3" rate  
Scattering scrubby cedar  
Grass poor

---

## T21NR5W

chains

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

---

From the Standard cor to secs <sup>on S. 82<sup>nd</sup> St. 7<sup>th</sup></sup> 34 + 35 - previously re-established by me.

I run

N bet secs 34 + 35 -

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

H.O. 00

Deposited a marked stone, 12 ins in the ground for  $\frac{1}{4}$  sec cor. dug pits  $18 \times 18 \times 12$

T 21 N R 5 W

E + S R 4

chains

in N + S of stone. 5' ft dist and raised a mid of earth 1' ft high 32' ft base over it. On N side pit drove a stake 2 ft long 2 in square 12 in the ground marked 'N S on W face

58.21 Cross dry wash 20 lbs wide. co E.

50.00 Set a sandstone 10x10x6 in 2 in in the ground for cor to sec 26x27-34x35 marked with 1 notch on S and 2 notches on E edges. and raised a mid of stone along side  
Pits impracticable



## T 21 N R 5 W

Chain

Surface rolling  
Soil 2" rate  
Grass good  
No timber

---

E on a random  
line bet secs 24 & 35  
Va  $14^{\circ} 15' E$

32.80

Cross R.R. grade of  
Prescott and Chino  
valley road. bears  
N + S E. (one mile  
of grade is all)

40.00

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

48.50

Cross dry wash 140 lks  
wide. Co S. E. The  
Chino creek bed. No water

29.96

Intersect N + S line  
10 lks S of cor to secs

T 21 NR 5 W

hours

25 X 26 X 35 X 36.

Thence I run

S 89° 56' W on a true line  
bet secs 26 & 35-

With same Va

39.98

Deposited marked  
stone 12 in in the ground  
for  $\frac{1}{4}$  sec cor dug pits  
18 X 18 X 12 in. E & W  
of stone. 5  $\frac{1}{2}$  ft dist  
and raised a mound of  
earth  $\frac{1}{2}$  ft high

32' ft base over it.

In East pit drove  
a stake 2 ft long 2  
in square 12 in in  
the ground marked  
 $\frac{1}{4}$  S on N face

29.96

The cor to secs 26-27-34-35-

Surface rolling

## E 21 N R 3 W

chains

Soil 2" rate  
 Grass good  
 No timbers

---

N bet secs 26 & 27  
 Va  $14^{\circ} 15'$  East

20.00 A well 3 chs west  
 90 ft deep.

40.00 Deposited marked  
 stone 12 in in the  
 ground. for  $\frac{1}{4}$  sec cor  
 dug pits 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. In  
 N pit drove a  
 stake 2 ft long 2  
 in square. 12 in in

## T 21 N R 5 W

Chains

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

47.58 <sup>cross</sup> R.R. grade, hrs NW & SE

71.15 - Cross dry wash 120 lks  
 wide Co. S.E. bed of  
 Chino creek

20.00 Deposited marked stone  
 12 in in the ground for  
 cor to secs 22-23-26 & 27  
 dug pits 18X18X12 in  
 in each sec 5  $\frac{1}{2}$  ft  
 dist and raised a  
 wd of earth 2 ft  
 high 4  $\frac{1}{2}$  ft base over it

In S E pit drove  
 a stake 2 ft long 2 in  
 square 12 in in the ground  
 marked

T 21 N Sec 23 on NE  
 R 5 W Sec 26 on S E

T 21 N R 5 W

chains

S 21 on SW and  
S 22 on NW faces  
with 2 notches on  
S & E edges

Surface level

Soil second rate

Grass good

no timber

---

E on a random  
line bet secs 23 & 26  
Va  $14^{\circ} 15' E$

40.00

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

68.00

Cross Dry wash 48 lks  
wide. co S. W.

79.98

Intersect N & S line 24  
lks S. of cor to secs  
23-24-25-26. Thence  
I run

T 21 N R 6 W

chains

S 89° 50' W on a true  
line bet secs 23 & 26  
With same Va

39.99 Deposited marked stone  
12 in in the ground for  
1/4 sec cor. dug pits  
18x18x12 in 5 1/2 ft dist  
E & W of stone, and  
raised a mol of  
earth 1 1/2 ft high  
3 1/2 ft base over pit  
In E pit drove  
a stake 2 ft long  
2 in square 1 1/2 in  
the ground marked  
1/4 S on N face

39.98 The cor to secs 22-23-24-27  
Surface level  
Soil 2" rate  
Good grass

# PLIN A 5 W

chains

no timber

sec  
N bet 22423  
Va  $74^{\circ} 15' E$

40.00

Set sandstone  
22X12X3 in 16 in  
in the ground for  
 $\frac{1}{4}$  sec cor. marked  
 $\frac{1}{4}$  on W face. dug  
pits 18X18X12 in  
N of top 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.

57.71

Cross Drywash Co. lks  
middle Co. S. W.

10.00

Set a Limestone  
14X12X6 in 9 in in

## T 21 N R 5 W

Chains

the ground for cor to  
secs 14-15-22-23  
Marked with 3  
notches on S and 2  
notches on E edges  
and raised a row  
of stone alongside  
Pits impracticable  
Surface level  
Soil 2" rate  
Good grass  
No timber

---

E on a random  
line bet secs 14 & 23  
Va 14° 15' E

33.00

Cross dry mark 4 ch  
wide. Co S 80° W

45.00

Set temporary 1/4 sec



## T 21 N R 5 W

chains

55.00

Cross Dry wash 10  
lks mid. Co. S.W.

and ascend

29.98

Intersect N + S line  
1/4 lks S of cor to  
secs 13-14-23 + 24

Thence I run

S 89° 54' W on a true  
line bet secs 14 + 23

39.99

Set a Sandstone  
<sup>with same m.</sup>  
20 X 12 X 10, ins 15 ins  
in the ground for  
1/4 sec cor, marked  
1/4 on N face, dug pits  
18 X 18 X 12 ins E + W  
of stone. 5 1/2 ft dist  
and raised a mound  
of earth 12 ft high  
3 1/2 ft base alongside

79.98

The cor to secs 14-15-22-23

# T 21 N R 5 W

chains

Surface Mountainous  
Soil 3rd rate  
Scattering timber  
Grass good

---

N bet secs 14 & 15  
Va 14° 15' E

180.00

Set limestone 12x11x5-  
ins 8 in in the ground  
for  $\frac{1}{4}$  sec cor marked  
 $\frac{1}{4}$  on W face and raised  
a row of stone along  
side, Pits impracticable

43.00

Ascend over Mt ridge

80.00

Set limestone 16x14x10  
ins 11 in the ground for  
corners secs 10-11-14 & 15.  
marked with H  
notches on S and E

## T21NR5W

Chains

on E edges, and  
 raised a md of  
 stone along side  
 Pits impracticable  
 Surface mountainous  
 Soil 3" rate  
 Scattering cedars  
 Grass fair

---

E on a random  
 line bet secs 14 & 14  
 Va 14° 15' E

35.00 Over Mt ridge

40.00 set temporary  $\frac{1}{2}$  sec on

42.68 Cross dry wash 20 lbs  
 wide. Co S. 14° 15' E

80.12 Intersect N & S line

## T 21 N R 5 W

Chains

12 lks N of cor to secs  
13-14. Thence

Run  
N 89° 55' W on a true  
line bet secs 11 & 14  
with same Na

40.06

Set sandstone 16X10X5  
ins in the ground  
for <sup>1/4 sec</sup> cor. marked 1/4  
on N face. and raised  
a md of stone along  
side. Pits impracticable

80.12

The cor to secs 10X11X14 & 15  
Surface mountainous  
Soil 3" rate  
Scattering scrubby cedar  
grass poor

---

N bet secs 10 & 11

## T 21 N R 5 W

chains

Va 14° 15' E

Ascending

40.00

Set sandstone

12X14X4 in 1.1 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

50.00

Set a sandstone 12X12X8  
8 ins in the ground  
for cor to secs 2-3-10+11  
marked with 5 notches  
on S and 2 notches  
on E edges. and  
raised a md of  
stone alongside  
Pits impracticable  
Surface mountainous  
Soil 3" rate

## T 21 N R 5 W

Chains

Scattering scrubby cedar  
Grass pool

---

E on a random  
line bet secs 2 & 11  
N $\alpha$  14° 15' E

Over Mt ridges

40.00 Set temporary  $\frac{1}{4}$  sec cor  
64.34 Cross dry wash 16 lks  
wide, Co S.

80.04 Intersect N & S line  
10 lks S of cor to  
secs 1-2-11-12

Thence I run  
S 89° 56' W on a true  
line bet secs 2-11

40.02 Set limestone 12 X 10 X 6  
ins 10 ins in the  
ground for  $\frac{1}{4}$  sec cor  
with same N $\alpha$ .

T. 21 N. R. 5 W.

Choirs

marked  $\frac{1}{4}$  on N face  
and raised a md  
of stone alongside  
Pits impracticable

80.04

The cor to secs 2-3-10-11

Surface mountainous  
Soil 3rd rate  
Scattering scrubby cedars  
Grass fair

---

N. on a round limb let. Secs 2-3  
Vbr. 14 0 15 1 E.

Ascend over Mt Ridges

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

80.14 Intersect N. Bdy of Township  
10 lks W. of cor to Secs 2-3-34

35 previously set by me

Hence I run

S. 0  $\frac{1}{4}$  W. on a true limb let Secs

J. 2, N. R 5 W.

shows

40.14 2+3 with some cov  
Set a Malpais ston. 16x10x6 ins  
11 ins. in the prod for  $\frac{1}{4}$  Rec Cov  
marked  $\frac{1}{4}$  on W. face and  
raised a mound of ston  
alongside. Pits unpracticable

80.14 N. Cor & Secs 2-3-10-11

Surfan Mountains

Soil 3<sup>rd</sup> cat

Grass fair

Scattering Scrubby Cedar

---

From the Standard Cor to Secs  
33-34 S. Bdy of the Township  
recently re-established by our  
town

N. bet Secs 33-34

Cor. 140 N 1 E

30.00 Cross dry wash 20 Ws wide



T. 21 N. R. 5 W.

chains

40.00

Cross N. 80° E. and ascend  
Set a Malpais rock 20x10x4  
ins 15 ins. in the ground for 1/4  
Sec. cor. marked 1/4 on W face  
& raised a mound of stone along side  
Pit impracticable

45.00

Enter timber

75.00

Leave Timber

80.00

Deposited a marked stone  
14 ins. in the ground for Cor to  
Secs 27-28-33-34 dug pits  
18x18x12 ins in each sec 5 1/2  
ft. dist & raised a mound of  
earth 2ft. high 4 1/2 ft. base or more  
In S. E. pit from a stake 2 ins  
square 2 ft. long 12 ins. in the  
ground marked

T 21 N. S. 27 on N.E.  
R. 5 W. Sec 34 on S. E.  
S. 33 on S. W. and

J. 2, N. R. 5 W

hours

S. 28 on N. W. face

From which

A Pinon 10 ins. diam base,

S. 15 E. marked

T 2, N. R. 5 W. S. 34 B. J.

to <sup>other line within limits</sup>  
~~Quartz~~ Mountains

Soil 3<sup>5</sup> cote

Scattering timber

Yucca parviflora

E. on a random limb bet Secs 27-34

Var. 14° 15' E.

40.00 Sub temporas 1/4 Sec. Cor.

80.10 Intersect N + S. line of LKs S. of

Cor to Secs 26-27-34-35

then run S. 89° 57' W.

on a true limb bet Secs 27-34

with some var.

40.05 Sub a sand stone 14 x 8 x 8 ins

J. 27 N R. 5 W

Chasin

9 ins. in the pond for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N. face  
& raised a mound of stone along side  
Pits impracticable

8010 N. Cor to Secs 27-28-33-34  
Surface Monotonous  
Soil 2<sup>5</sup> rat  
Grass good  
No timber

---

N. bet Secs 27-28

Cor. 14°-15' E

9.00 Ascend over point of hill  
14.00 Top of hill + descent  
40.00 Let a Malpais rock 24 x 16 x 6  
ins. 10 ins. in the pond for  $\frac{1}{4}$   
Sec. cor. marked  $\frac{1}{4}$  on N face  
& raised a mound of stone along side  
Pits impracticable

## J. 21 N R 5 W

Chain

- 59.00 Cross dry wash 18 lks wide  
Course E, & ascended
- 80.00 Set a Malpais stone 10x9x8 ins  
7 ins in the front for Cor to  
Secs 21-22-27-28 marked  
with 2 notches on S. & 3 notches  
on E. edges & raised a mound  
of stone along side  
Pit - inpracticable  
Surface Monotonous  
Soil 2<sup>5</sup> rate  
Grass good  
No timber
- 

E. on a conglom. limb Secs 27-27  
Dip 14° N E.

- 4600 Descended  
Set temporary 7/4 Sec Cor
- 75.00 Cross Wagon road bet. S. 10° E.
- 77.55 Cross R. R. Grade
- 79.00 Cross dry wash course South

T. 21 N. R. 5 W.

Chain

- 79.97 Intersect N+S. line 9 Mk S. of  
Cor to Secs 22-23-26-27  
Thence I run  
S.  $89^{\circ}54'N.$  on a true line  
bet. Secs 22-27 with some var
- 39.98 Set a Malpais stone  $14 \times 14 \times 6$  ins  
9 ins. in the ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  on N face & raised  
a mound of stone along side  
Pits impracticable
- 79.97 The Cor. to Secs 21-22-27 & 28  
Survey rolling  
Soil 2<sup>d</sup> rate  
Grass good  
No timber

---

N. bet Secs 21-22

$84^{\circ}15'E.$

10.00 Cross dry wash 20 Mk with

J. 21 N. R 5 W

Chains

Cross E, + ascend

40.00

Set a malpais rock  $18 \times 16 \times 8$  in  
 12 in. in the front for  $\frac{1}{4}$  Sec  
 Cor. marked  $\frac{1}{4}$  on W. face and  
 raised a mound of stone along side  
 Pit impractical

50.00

Cross road bet S. E. + N. W.

80.00

Set a sand stone  $18 \times 10 \times 10$  in  
 12 in. in the front for cor to  
 Secs 15-16-21-22 marked with  
 3 notches on S. + E. edges and  
 raised a mound of stone  
 along side. Pit impractical  
 Surface rolling  
 Soil 2<sup>5</sup> rate  
 Grass good  
 No timber.

---

E, on a random line bet Secs 15-22

J. 21 N. R 5 W

Chairs

- 40.00 Let temporary  $\frac{1}{4}$  Sec Cor.  
52.17 Cross day wash 20 lks wide  
Course S
- 80.10 Intersect N + S line 12 lks  
S. of Cor. to Secs 14-15-22-23  
thence S 200  
S.  $89^{\circ}55'W$ . on a true line bet  
Secs 15 + 22 with down bar.
- 40.05 Let a Malpais stone  $20 \times 8 \times 6$  ins  
15 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N face and  
raised a mound of stone  
alongside. Pits impracticable
- 80.10 The Cor to Secs 15-16-21-22  
Surface level  
Soil 25 cat  
Grass good  
No timber
-

J. 21 N. R. 5 W

choirs

N. bet Secs 15 &amp; 16

Cor. 14°-15' E.

40.00

Set a Lime Stone 12x10x8 ins  
8 ins. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of stone  
alongside. Pits impracticable

50.00

Set a Sandstone 16x14x10 ins  
10 ins. in the ground for Cor. to  
Secs 9-10-15-16 marked with  
4 notches on S. & 3 notches on E  
edges & raised a mound of  
stone alongside

Pits impracticable

Surface level

Soil 2<sup>5</sup> at

Ground level

No timber



J. 21 N. R. 5 W.

Chain

E. on a random line bet Secs 10-15

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

Ascend over Mt Ridges

18.60 Cross dry wash 45 lks wide

Cross S.

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

80.09 Intersect N & S. line 11 lks. S. of

Cor to Secs. 10-11-14-15

Thence S. on

S.  $89^{\circ} 55' W.$  on a true line

bet. Secs 10 & 15 with some Cor.

40.04 Let a Malpais stone  $18 \times 15 \times 5$  ins

12 ins. in the front for  $\frac{1}{4}$  Sec Cor

marked  $\frac{1}{4}$  on N face and

raised a mound of stone

alongside. Pits impracticable

80.09 The Cor to Secs 9-10-15-16

Surface Mountainous

Soil 3<sup>+</sup> cats

Grass fair

Scattered Scrubby Cedar

J. 21 N. R. 5 W.

Chorus

N, bet Secs. 9-10

Var.  $14^{\circ}05'E$ .

20.00 Base of hill + ascend

30.00 Top of hill + descend

35.00 Cross dry wash 80 yds. with  
Course S.  $37^{\circ}E$ . + ascend40.00 Set a Malpais stone  $17 \times 10 \times 7$  ins  
11 ins. in the ground for  $\frac{1}{4}$  Sec  
An marked  $\frac{1}{4}$  on W. face  
& raised a mound of stone  
alongside.

Pits impracticable

76.20 Top of high Linn stone ME hrs  
N. W. + S. E. + descend80.00 Set a Linn stone  $16 \times 12 \times 8$  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 and raised a  
mound of stone alongside

J. 21 N. R. 5 W.

Chains

Pits impracticable,  
 Surface Mountainous  
 Soil 3<sup>d</sup> rate  
 Grass fair  
 Scattered Scrubby Cedar

---

E. on a random line bet Secs 3+10  
 Cor. 14° 15' E.

Descend

34.25 Cross dry wash 25 lks wide  
 Course S.

40.00 Set temporary  $\frac{1}{4}$  Sec Cor  
 80.10 Intersect N+S line 12 lks  
 S. of Cor to Secs. 2-3-10-11

Thence Run

S. 89° 55' W. on a true line  
 bet Secs 3+10 with some Cor.

40.05 Set a sand stone 16 x 10 x 6  
 in 11 ins. in the ground for  $\frac{1}{4}$

J. 21 N. R 5 W

Chorus

Sec. Cor. marked  $\frac{1}{4}$  on N. face  
and raised a mound of stone  
alongside.

Pits impracticable

So. 10 The Cor. to Secs 3-4-9-10

Surface Mountainous

Soil 3<sup>+</sup> rats

Grass fair

Scattering Scrubby Cedar

---

N. on a random line bet Secs 3+4

Cor. 140 & 5' E.

Descending

40.00 Let temporary  $\frac{1}{4}$  Sec. Cor

50.50 Cross dry wash 15 lks with Coas S.E.

80.12 Intersect N. Bdy. of Township 7 lks

N. of Cor to Secs 3-4-33-34

previously let by me

Thence I run

J. 21 N. R 5 W

Chains

- S.  $0^{\circ} 3' W$ . on a trunk line bet  
 Lies 3-4 with down bar.  
 40.12 Set a Limestone  $16 \times 10 \times 8$  in  
 11 in. in the ground for  $\frac{1}{4}$  Sec  
 Cor. Marked  $\frac{1}{4}$  on W face  
 & raised & mound of stone along sil.  
 Pits impracticable  
 80.12 The Cor to Lies 3-4-9-10  
 Surface Mountainous  
 Soil 3<sup>d</sup> rate  
 Grass fair  
 Scattering Scrubby Cedar
- 

I carefully examined the ad-  
 justments of my solar instru-  
 ment today, particularly the  
 latitude & leveling apparatus  
 & found them correct

J. 21 N. R 5 22

Chairs

From the Standard Cor to Secs 32-33  
on S. Bdy of the Tp. recently reestablished  
by me

Run

N. bet. Secs 32-33

Cor. 14' 15' E.

Enter dense brush

3.00 Descend into Couon

19.90 Bottom of Couon Course N. E.

Ascend along S. E. Slope

32.00 High point of Mt N. of line 10 chs.

40.00 Set a Limestone 14x10x8 ins

9 ins. in the ground for  $\frac{1}{4}$  Sec. Cor.

marked  $\frac{1}{4}$  on N. face and

raised a mound of stone alongside

Pits impracticable

41.00 Cross dry wash 18 fts wide

Corner E.

51.00 Bluff of rock bet. N. E + S. cr.

64.00 Top of Mt bet. N. E + S. cr.

S. 21 N. R. 5 W.

Chain

65.00 Descend

80.00 Set a Line from 16 x 12 x 4 in  
18 in. in the front for Cor to Dec  
28-29-32-33 marked with  
1 notch on S. + 4 notches on E  
edges

From which

A Pinon 8 in. diam tree

N. 20° E. 25 lks dist marked

T. 21 N. R. 5 W. Sec 28 B. J.

A Pinon 4 in. diam tree

S. 78° E. 15 lks dist marked

T. 21 N. R. 5 W. S. 33 B. J.

A Pinon 6 in. diam tree

S. 10° W. 28 lks dist marked

T. 21 N. R. 5 W. S. 32 B. J.

A Pinon 3 in. diam tree

N. 81° W 30 lks. dist marked

T. 21 N. R. 5 W. S. 29 B. J.

Surface Mountainous

T. 21 N. R. 5 W

choices

Soil 3<sup>d</sup> rate  
Grass fair  
New Pinon + Cedar brush

E. on a random line bet Secs 28-33  
Dor 14° 15' E.

Along N. End of Mountain

40.00 Set temporary 1/4 Secs Cor  
80.09 Intersect N + S. line 14 lks S. of  
Cor to Secs 27-28-33 + 34  
Thence I run

S. 89° 54' W. on a true line bet  
Secs 28-33 with some Dor.

40.04 Set as Malpais stone 12 x 11 x 9  
ins. G. in the ground for 1/4  
Sec. Cor marked 1/4 on N face  
& raised a mound of stone  
alongside Pit. Unpracticable from

which, A. Cedar & ins. draw by N. 14°  
E. 68 lks. dist marked 1/4 S. B. J.  
No other trees within limits



T. 21 N. R 5 W

hours

80.09

The Cor to Secs 28-29-32-33

Surface Mountainous

Soil 3<sup>d</sup> rate

Grass poor

Some Cedar + Piñon brush

---

N. bet. Secs. 28-29

Cor. 14° 15' E

5.00

Some brush + enter Pskiri  
and high rolling hills

40.00

Set a Malpais stone 16x8x8 in  
11 in. in the ground for 1/4 Sec Cor.  
marked 1/4 on W. face and  
raised a mound of stones along side  
Pits impracticable

80.00

Set a Malpais stone 20x10x8 in  
15 in. in the ground for Cor to Secs  
20-21-28-29 marked with  
2 notches on S. + 4 notches on E

J. 21 N. R. 5 W.

Chains

edges and raised a mound  
 of Rton alongside  
 Pits impracticable  
 Surface Monotonous  
 Soil 3' cat  
Grass good

E<sub>1</sub> on a road down line bet Secs 21-28  
 Cor. 14015' E<sub>1</sub>

40.00

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

58.00

Descend

80.04

Intersect N + S. line at Cor to  
 Secs. 21-22-27-28

thence I run N. on a true line  
 bet. Secs 21-28 with Rown Cor

10.02

Set a Malpais Rton 16x8x8 in  
 16 ins. in the ground for  $\frac{1}{4}$  Sec. Cor  
 marked  $\frac{1}{4}$  on N. face + raised  
 a mound of Rton alongside.

J. 2, N. R. 5 W

chain

Pits impracticable

80.04 2<sup>nd</sup> Cor to Secs 20-21-28-29

Surface Mountainous

Soil 3<sup>rd</sup> rate

Gross fair

Scattering Scrubby Cedar lost

15 Chs.

---

N. bet. Secs 20-21

Cor 14° 15' E.

40.00 Set a Malpais stone 20 x 8 x 5 ins

15 ins. in the ground for  $\frac{1}{4}$  Sec, Cor,

marked  $\frac{1}{4}$  on W. face & raised

a mound of stone alongside

Pits impracticable

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

55.31 Cross China Creek bed (No water)

Corner N. E.

80.00 Set a Malpais stone 16 x 12 x 8 ins

J. 21 N. R. 5 22

Chris

11 ins. in the front fence to Secs  
16-17-20-21 marked with  
3 notches on S. & 4 notches on E.  
edges, dug pits 11x11x12 ins  
in each sec. 5 1/2 ft. dist and  
raised a mound of earth 2 ft.  
high 4 1/2 ft. long alongside

Surface Measurements

Soil 35 cat

Grass food

---

E, on a random line bet Secs 16 & 21

Cor. 140 15' E.

40.00 bet temporary 1/4 Sec. Cor.

71.00 Cross dry rock 20 ft. wide Corner S.

80.00 Intersect N. & S. line at cor to Secs

15-14-21-22

Thence I run

N, on a true line bet Secs, 16-21

T. 21 N. R. 5 W.

Chorus

with some Cor.

40.00

Set a Malpais stone  $14 \times 12 \times 6$  ins  
 9 ins. in the front 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 & raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. longwise

80.00

2<sup>nd</sup> Cor. to Secs, 16-17-20-21  
 Surface level  
 Soil, et rate  
 Grass food

---

N. bet. Secs. 16-17

Cor.  $14 \times 15$  E.

40.00

Set a Malpais stone  $16 \times 11 \times 8$  ins  
 11 ins. in the ground for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  on N. face  
 and raised a mound of stone

J. 21 N. R. 5 W.

Chairs

alongside. Pit - impracticable

Ascend Mountain ridge

45.00 Top of Ridge + descend

00.00 Cross dry wash 50 lks wide

Cross S. 69° E. and

Ascend

80.00 Set a Malpais stone 14 x 14 x 5

in Q. vis. in the ground for air

to Secs. 8-9-16-17 marked with

4 Notches on E &amp; S. Edges and

raised a mound of stone

alongside. Pit, impracticable

Surface Mountainous

Soil 3<sup>rd</sup> cat

Grass good

No Timber

E. on a conds. line bet Secs 9-16

Dir. 14° 15' E

J. 21 N. R 5 W.

choirs

40,00 Set temporary 1/4 Sec. Cor.

So, 12 Intersect N, & S. line 16 lks  
S. of Cor. to Secs. 9-10-15-16  
thence I run

S. S 9° 53' W. on a true line  
bet. Secs. 9 & 16 with corner Cor.

40,06 Set a Malpais stone 10 x 9 x 6 ins  
7 ins in the ground for 1/4 Sec. Cor.  
marked 1/4 on N face & raised  
a mound of stone alongside  
Pits impracticable

So, 12 The Cor to Secs 8-9-16-17

Surface Mountainous

Soil 3<sup>rd</sup> cat

Grass good

No timber

---

N. bet Secs 8 & 9

By 14° 15' E.

J. 2) N. R. 5 W.

Chains

- 40.00 Set a pond ston  $12 \times 10 \times 6$  ins  
8 ins. in the front for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
ston alongsid.  
Pits impracticable
- 45.00 Ascend hill
- 50.00 Top of hill + descend
- 80.00 Set a granite ston  $15 \times 10 \times 6$  ins  
10 ins. in the front for Cor. to  
lcs 4-5-8-9 marked with  
5 notches on S. + 4 notches on  
E. edges + raised a mound  
of ston alongsid.  
Pits impracticable  
Super Mountainous  
Soil 3" rat  
Grass good  
No timber



## J. 2, N. R 5 W.

chain

E. on a random line bet Sics 4 & 9  
 Dir. 140° 15' E.

20.00 Ascend hill 200 ft. high

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

80.07 Intersect N & S. line 12 lks S.  
 of Cor to Sics 3-4-9-10  
 thence I run

S.  $190^{\circ} 55'$  W. on a true line  
 bet. Sics 4 & 9 with Romm Dir.

40.03 Set a Malpais stone  $14 \times 10 \times 5$  ins  
 in the ground <sup>for  $\frac{1}{4}$  Sec Cor</sup> marked  
 $\frac{1}{4}$  on N face and raised a  
 mound of stones along side  
 Rts impracticable

80.07 To Cor. to Sics. 4-5-8-9

Surface - Mountainous

Soil 3" cat

Grass good

No timber

J. 2, N. R 5 W.

Chains

N, on a condon line bet Secs 4 & 5  
Cor.  $14^{\circ} 15' E$ .

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

88.14 Interest N. Bdy of Township  
20 lks. E. of Cor, to Secs 4-5-32-33  
previously set by me  
Thence S 20

S.  $0^{\circ} 09' E$ , on a true line bet  
Secs. 4 & 5 with corner Cor

40.14 Set a Malpais stone  $16 \times 14 \times 6$  in  
11 in. in the front for  $\frac{1}{4}$  Sec  
Cor, marked  $\frac{1}{4}$  on N. face  
& raised a mound of stone  
along side. Pits unprintable

80.14 The Cor, to Secs. 4-5-8-9

Surface Mountainous

Soil 3" cat

Grass good

No timber

---

J. 21 N. R. 5 W.

From the Standard Cor to  
 Secs. 31 & 32 on the South  
 Bdy of the Township previously  
 reestablished by me  
 I saw

N. bet Secs 31-32

Dir.  $140^{\circ}15' E.$

- 36.00 Descend into valley  
 40.00 Set a Malpais stone  $16 \times 12 \times 8$   
 ins  $\frac{1}{2}$  ins. in the ground for  $\frac{1}{4}$   
 Sec. Cor. marked  $\frac{1}{4}$  on the fan  
 & raised a mound of stones  
 alongrid. Pit impracticable  
 46.00 Center of Valley bet. E & W.  
 64.00 Ascend gradual slope  
 71.00 Enter scattering Cedar  
 80.00 Set a Limestone  $22 \times 10 \times 8$  ins  
 16 ins. in the ground for Cor to  
 Secs 29-30-31-32 marked

J. Z. N. R. S. W.

Chains

with 1 notch on S. & 5 notches  
on E. Edges and raised  
a mound of stone along side.

Pits impracticable

Surface mountainous

Soil Rocky - 3<sup>rd</sup> rate

Good food

Some scattering Cedar

---

E. on a contour line bet Sec 29-32  
Bear 14<sup>th</sup> 15<sup>th</sup>

23.00 Descend

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

79.98 Intersect N + S. line 10 lks

S. of Cor to Secs 28-29-32-33

thence I run

S. 89° 56' W, on a true line  
bet Secs. 29-32 with some bar.

39.99 Suba Line Stone 18 x 10 x 7 ins

11 ins. in the ground for  $\frac{1}{4}$  Sec. Cor.

J. 21 N. R. 5 W.

Chorus

Marked 14 on N. face and  
raised a mound of stone  
alongside. Pts impracticable

79.98 1/4 Cor. to Secs 29-30-31-32  
Surface Mountainous  
Soil 3<sup>rd</sup> rate. Limestone formation  
Grass fair  
Scattering Cedar + Piñon trees

W. on a contour line bet Secs  
30 + 31

Var. 14° - 15' E.

40.00 Set temporary 1/4 Sec. Cor  
79.92 Intersect W. Bdy of Township  
8 Lks S. of Cor. to Secs 25-30-31-36  
previously let by me  
thence S. 89°

57' E. on a true line bet  
Secs 30-31 with some Var.

39.92 Set a limestone 14 x 12 x 5 in  
Q ins in the ground

J. 21 N. R. 5 W.

Chains

for  $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on  
W. face and raised a mound  
of stone along yard.  
Pits impracticable

79.92

The Cor. to Secs. 29-30-31-32  
Sugar - Mountains  
Soil 3<sup>d</sup> rate  
Gross fair  
Scattering Scrubby Cedar

---

N. bet. Secs 29 - 30

Var. 140 15' E.

- 8.00 Descend off N. W. end of Mt  
17.50 Foot of Mt and ascend  
37.00 Top of Mt bet. E. & W.  
40.00 Set a Malpais stone 16 x 12 x 6 in  
11 in. in the front for  $\frac{1}{4}$  Sec.  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of

J. 21 N. R 35 W.

Chairs

of stone along side.  
Pits unpracticable  
Descend N. slope of Mt

80.00 Set a Malpais stone  $16 \times 12 \times 5$   
ins. in the ground for  
over to Secs. 19-20-29-30  
marked with 2 notches on S  
+ 5 notches on E. edges and  
raised a mound of stone  
along side. Pits unpracticable  
Surface mountainous  
Soil 3<sup>rd</sup> Rate  
Grass poor

---

E. on a random line bet Secs 20-29  
over 140 ft E.

Over Mt Ridges

37.00 Cross dry wash 140 lbs with  
over N.

T. 21 N. R. 5 W.

Chains

40.00

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

80.10

Intersect N x S. line 5 Mts S. of  
Cor. to Secs. 20-21-28-29  
Thence S onS. 89° 58' W. on a true line  
bet. Secs. 20-29 with Penn Bar.

40.05

Set a Malpais Stone 18 x 10 x 6 ins  
12 ins. in the ground for  $\frac{1}{4}$  Sec. Cor.  
marked  $\frac{1}{4}$  on N. face and  
raised a mound of stone  
alongside. Pts. impracticable

80.10

th. Cor. to Secs. 19-20-29-30

Surface mountainous

Soil Rocky - 3<sup>d</sup> Rate

Gross fair

N. on a round line bet Secs 19-30

Cor. 140.15' E.

Cross deep washes &amp; ridges



T. 2, N. R. 5 W.

chains

40.00 Set temporary  $\frac{1}{4}$  Sec. Cor  
 79.83 Intersect N. Bdy. of Township  
 10 lks S. of Cor, to Secs. 19-24  
 25-30 previously set by me  
 thence I run

S.  $89^{\circ} 56' E$ . on a true line  
 bet. Secs 19 & 31 with corner bar.

39.83 Set a Malpais stone  $14 \times 12 \times 9$  ins  
 9 ins. in the ground for  $\frac{1}{4}$  Sec  
 Cor, marked  $\frac{1}{4}$  on N face and  
 raised a mound of stone  
 alongid. Pit impracticable

79.83 The Cor. to Secs. 19-20-29-30  
 Surface Mountainous  
 Soil 3<sup>d</sup> cat  
 Grass fair

---

T. 21 N. R. 5 W.

Ephorins

N. bet Secs. 19-20

Cor. 14°15' E.

31.20 Cross road bet. E. &amp; W.

34.15 Cross dry wash to W., with  
Course E.40.00 Set a Malpais stone 16x10x6 in  
11 in. in the front for  $\frac{1}{4}$  Sec.  
Cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
stone alongside  
Pits impracticable  
Ascend50.00 Set a Malpais stone 17x10x6 in  
11 in. in the front for Cor to  
Secs 17-18-19-20 marked with  
3 notches on S. & 5 notches on  
E. edges & raised a mound of  
stone alongside  
Pits impracticable  
Surface Mountainous

J. 21 N. R. 5 W

chains

Soil 3' rate  
 Grass Good

---

E. on a random line bet Secs 17-20  
 Cor. 14' 15' E.

12.00 Cross dry wash 40 lks wide  
 Corner S. E.

37.00 Ascend over point of hill

40.00 Set temporary  $\frac{1}{4}$  Sec. cor.

45.00 Top of hill & descend

60.00 Foot of hill

79.98 Intersect N + S. line 46 lks S.  
 of cor. to Secs. 16-17-20-21  
 thence I run

S.  $89^{\circ} 40'$  W. on a true line  
 bet. Secs 17-20 with some var.

39.99 Aha Malpais stone 18 x 12 x 4 ins  
 12 ins. in the ground for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  on N. face

J. 21 N. R. 5 W

Chains

and raised a mound of  
stone alongside.

Pts impracticable

79.98 1/4 Cor. to Secs. 17-18-19-20

Surface Mountainous

Soil 2<sup>5</sup> rot

Gross good

No timber

N. on a random line bet. Secs 18-19

Var. 14° 15' E.

40.00 Set temporary 1/4 Sec. Cor.

79.68 Intersect N. Bdy. of Township

2 lks. N. of Cor. to Secs 13-18-19-20

previously set by me

thence I run

N 89° 59' E. on a true line bet

Secs. 18-19 with Town Cor.

39.68 Deposited a marked stone 12 ins  
in the ground for 1/4 Sec. Cor.

J. 21, N. R. 5 W.

chains

dry pits 18x18x12 ins. E & W. of  
blow 5 1/2 ft. dist & raised a  
mound of earth 1 1/2 ft high 3 1/2  
ft. bore over it.

In E. Pit from a stick 2 in long  
2 ft. long 12 ins. in the ground  
marked 1/4 S. on N. face

79.68 The Cor. to Secs. 17-18-19-20

Surface Monotonous

Soil 2<sup>nd</sup> rate

Grass good

No timber

N. bet. Secs 17-18

Var. 14-15' E.

5.00 Cross dry wash 40 lbs red  
Course S. 30° E. and ascend

39.00 Top of hill & descend

40.00 Set a malpais blow 12x10x6 ins

T. 21 N. R 5 W.

chain

8' vis. in the ground for  $\frac{1}{4}$  Sec.  
 Cor. marked  $\frac{1}{4}$  on N. face and  
 raised a mound of stone  
 alongsid. Pits impracticable

8000

Like Malpais stone  $17 \times 10 \times 6$   
 vis. 8' vis. in the ground for  
 Cor. to Secs. 7-8-17-18 marked  
 with 4 notches on S. & 5 notches  
 on E. edge and raised a  
 mound of stone alongsid.  
 Pits impracticable

Surface Mountainous

Soil 2<sup>nd</sup> rate

Grass food

No timber

E. on a condon line bet. Secs 8-17

Cor.  $14^{\circ}$   $15^{\circ}$  E.

34.00

Descend over bluff of rock

J. 21 N. R 524

Chowin

10 ft. high

40.00 Set temporary  $\frac{1}{4}$  Sec. ar

55.18 Cross dry wash 67 lks. with  
Course S.  $13^{\circ}$  E. and  
Ascend

80.14 Intersect N. & S. line 18 lks  
S. of Cor to Secs 8-9-16-17  
Thence I run

S.  $89^{\circ}$  52' N. on a true line  
bet Secs. 8-17 with some bar

40.07 Set a Malpais stone  $24 \times 6 \times 6$  in  
18 in. in the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on N face and  
raised a mound of stone  
alongside. Pts. unpracticable

80.14 The Cor. to Secs. 7-8-17-18  
Super Mountainous  
Soil 3' cat  
Grass good  
No timber

J. 21 N. R. 5 28

chains

W. on a random line bet Secs 7-18  
Var.  $140^{\circ} 15' E.$

40.10 Set temporary  $1/4$  Sec. Cor

79.58 Intersect W. Bdy. of Township  
20 lks N. of Cor. to Secs

7-12-13 + 18 recently set  
by me

Hence I run

N.  $89^{\circ} 51' E$  on a true line  
bet Secs 7-18 with some var.

39.58 Set a Malpais stone  $15 \times 12 \times 6$   
in 10 ins in the ground for  $1/4$  Sec. Cor. marked  $1/4$  on N

face & raised a mound of  
ston. around pit

Pit imp. situated

79.58 The Cor. to Secs 7-8-17-18

Surface mountainous

Soil 3' cat

Sp. good. No timber



T. 21 N. R. 5 W.

Chains

N. lat. Secs 7 + 8

Cor. 14° 15' E.

20.00

Top of hill + descend

34.00

Cross dry wash 60 lks  
wide Corner S. 40° E. and  
Ascend

40.00

Set a malpai stone 14 x 12 x 6  
in 9 in. in the ground for  
1/4 Sec. Cor. marked 1/4 on N.  
face + raised a mound of  
stone alongside.

Pits impracticable

80.00

Deposited a marked stone  
12 in. in the ground for Cor  
to Secs. 5-6-7-8 and  
raised a mound of earth  
2 ft. high 4 1/2 ft. across  
it dug pits 18 x 18 x 12 in  
in each Sec. 5 1/2 ft. dist.  
In S. E. pit drove a stake

T. 21 N. R. 5 W.

Chairs

2 ins. square 2 ft. long 12  
 ins. in the front marked  
 T. 21 N. S. 5 on N. E.  
 R. 5 W. S. 8 on S. E.  
 S. 7 on S. W. and  
 S. 6 on N. W. faces with  
 5 notches on S. & E. edges  
 Suface Mountainous  
 Soil 3<sup>d</sup> rate  
 Grass good  
 No timber

---

E. on a round line but Secs  
 5-8

Cor. 14° 15' E.

- 10.00 Top of hill & descend  
 30.07 Cross dry wash 25 lks wide  
 Corner S.  
 40.00 Set temporary 1/4 Sec. Cor

T. 21 N. R. 5 W.

Chain

and around

60.00 Top of hill & descend

80.05 Intersect N & S. line 14 Mts

S. of cor to Secs. 4-5-8-9

thence I run

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

line bet Secs 5-8 with some bor.

40.03 Set a Malpais stone

11x11x11 ins 8 ins in the post

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

N. face and raised a row

of stone along side

Pts. unpracticable

80.05 The Cor. to Secs 5-6-7-8

Surface Mountains

Spurs good

Soil 3<sup>rd</sup> rate

No timber

J. 21 N. R. 5 W.

chains

N. on a road on line bet Sec 6-7  
 Br.  $14^{\circ} 15' E.$

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

79.54 Intersect N. Bdy. of Township  
 8 lks N. of Cor. to Secs 16-7-12  
 previously set by me  
 thence I run

N.  $89^{\circ} 57' E.$  on a true line  
 bet. Secs 6-7 with some Dev.

39.54 Set a round stone  $10 \times 10 \times 6$  ins  
 7 ins. in the ground for  $\frac{1}{4}$   
 Sec. Cor. marked  $\frac{1}{4}$  on N. face  
 & raised a mound of stone  
 along side. Pits impracticable

79.54 The Cor. to Secs 5-6-7-8  
 Superior Mountains  
 Soil 3' cat  
 Grass good  
 No timber

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T. 21 N. R. 5 W.

chain

Now a round line bet. Secs 5-6  
Var. 140 15' E.

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

80.12 Locate N. Bdy. line of the  
Township 8 lks E. of Cor  
to Secs 5-6-31-32 previously  
set by me

Thence I run

S.  $0^{\circ}03'$  E. on a true line  
bet Secs 5-6 with some Var.

40.12 Set a round stone  $10 \times 8 \times 8$   
ins  $7$  ins. in the ground for  $\frac{1}{4}$   
Sec. Cor. marked  $\frac{1}{4}$  on W.  
face & raised a mound  
of stone along side.

Pit. imp. rock

80.12 The Cor. to Secs 5-6-7-8

Surface Mountainous  
Soil 3<sup>rd</sup> cat

Good Good. No timber

I carefully examined  
the adjustments of my  
Solar instrument today  
particularly the latitude  
and reversing apparatus  
and found them correct

General Description  
This Township is very broken  
& Mountainous in the North  
half & in the S. W. 1/4

The China Valley or dry  
wash that cuts down nearly  
through the Center would be  
a very productive Valley if  
there was water. There is

Good grazing all over the  
Township.

Scattering Scrub Cedar  
and Piñon pine, an abundance  
of wood for fuel and fence  
posts, but there is no living  
water in the Township

For price of the see  
Book No. 25

## U. S. Surveyor General's Office,

Tucson, Arizona, Feb'y. 13. 1884

The foregoing Field Notes of the Survey of the

Subdivision Lines of  
Township 21 North,  
Range 5 West

Of the Gila and Salt River Base and Meridian, Arizona, executed by

Deputy Surveyor, J. D. Smith, under his contract of the 24<sup>th</sup>,

day of July, 1883, having been

critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe

are hereby approved

Royal Johnson  
Surveyor General.