

# 318

318

F I E L D       N O T E S  
OF THE SURVEY OF THE  
SUBDIVISION LINES  
OF BOOK 318

Township 19 North, Range 9 East.

Gila and Salt River Base and  
Meridian,

ARIZONA.

By R. C. Powers, D. S., under  
Contract dated Feby. 21, 1885.  
Survey commenced May 15, 1885.  
Survey completed May 21, 1885.

No-318

~~Book 5~~

Field notes of the S. & P. divisions to  
of  
Township No. 14 N. R. 9 E.  
of the  
Gila and Salt River  
Base and Meridian  
Ariz. Ter.

Subdivided by  
Ridgely C. Powers  
U.S. Deputy Surveyor  
Under his contract -  
No 58

Dated Feb 21 1885-

Survey Commenced May 15<sup>th</sup> 1885 -  
Survey Completed May 21, 1885 -

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4-674.

Township 19 N., R. 9E., S. & S.P.B. & N.

BOOK 318

6	105	5	75	4	56	3	40	2	22	1
103		101		74		54		38		20
7	100	8	72	9	51	10	36	11	19	12
97		96		70		50		35		17
18	94	17	69	16	49	15	34	14	15	13
92		91		68		48		32		13
19	89	20	65	21	47	22	31	23	11	24
87		85		64		46		30		9
30	84	29	62	28	45	27	28	26	8	25
82		80		61		44		27		6
31	77	32	58	33	42	34	25	35	5	36

986b5m9-01



T. 19 N. R. 9 E

Having tested my instruments in townships 17 and 18 N. R. 8 E. and found that they would run the same lines as the one with which the exterior of this township was run and our chaining practically agreeing: -

I commenced at - the Cr. to Secs. 1, 2, 35 and 36 on the South boundary line of the township which is a Sand Stone  $9 \times 16 \times 12$  in above ground with 1 notch on E & 5 notches on W edges, and mound of stone alongside



19 N. R 9 E

Thence I ran to set Sec 35 + 36  
to  $13^{\circ} 38' E$ .

- 40.00 Set Malpais stone 10 + 10  
+ 6 ins 7 ins in the ground  
for  $\frac{1}{4}$  Sec. cor. marked  $\frac{1}{4}$   
on N. face and raised a  
row of stone alongside.
- 60.00 A pond 20 chs long N + S  
and 10 chs wide E + W  
E 4 chs.
- 80.00 Set Malpais stone 10 + 10 +

J. 19. N. R. 9 E.

7 ins 7 ins in the ground  
for Cor to Secs 25, 26, 35 & 36  
marked with one notch each  
on the S. and E. edges and  
raised a mound of stone  
alongside.

Land gently rolling - rocky.  
Soil full of volcanic stones <sup>4<sup>th</sup> size</sup>  
to timber - 3d rate grass.

C. on a random line bet Secs 25 & 36  
Pa.  $13^{\circ} 40' E$

40.00 Set - temporary  $\frac{1}{4}$  sec Cor  
80.06 Intersect - the ~~to~~ boundary  
of the township 14 els N  
of the Cor. to Secs 25, 30, 31  
and 36 which is a ?

T. 19 A. R. 9 E

Previously described  
by me

Thence I run

N.  $89^{\circ} 54'$  W on a true  
line bet. Secs. 25 and 36  
with the same variation.

400<sup>0</sup> Set marker stone 10 + 8 + 7  
X ins. 7 ins in the ground  
for  $\frac{1}{4}$  Sec Cor marked



T. 19 N R 9 E.

1/4 on the N. face and raised  
 a mound of stone alongside  
 80.06 The Cor. to Secs. 25, 26, 35 & 36  
 Land Broken, rocky, pine,  
 Soil 4<sup>th</sup> rate  
 No timber. Fair grass.

---

N. bet - Secs 25 - and 26  
 Va 130 40' E.

40.00 Set - mulpins stone 12 + 10 + 6  
 ins. 8 ins. in the ground  
 for 1/4 Sec Cor marked  
 1/4 on the N. face and raised  
 a mound of stone alongside  
 47.00 A mark 20 lbs wide here N E,  
 80.00 Set - mulpins stone 10 + 9 + 6

S. 19 N. R 9 E.

7 ins in the ground for  
Cor to Secs 23, 24, 25 + 26  
marked with two (2) notches  
on the S. and one (1) notch  
on the E. edges and raised  
a mound of stone along side  
Land broken rocky  
Soil 4<sup>th</sup> rate.  
Timber scattering pine  
+ cedar. Fair grass

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E. on a random line bet Secs 24 + 25

$\nabla$  or  $13^{\circ} 40' E$

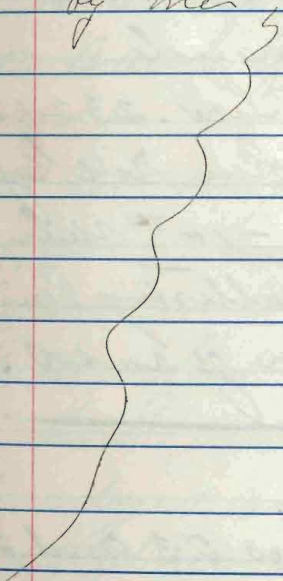
- 40.00 Set temporary 1/4 Sec. Cor.
- 80.05 - Intersect the E. boundary  
line of the township 13 Tbs

Sig. N. R. g E.

S. of the Cor. to Secs 19, 24, 25  
and 30 which is a

Previously described

by me



Thence I ran

S.  $89^{\circ} 54'$  W. on a true line bet  
Secs. 24 and 25 with some Va.

15:00 W. ash 30 lks wide bers N.  $25^{\circ}$  E



T. 19. N. R. 9 E.

40.08 Set - mulpais stone 10+10+6  
ins 7 ins in the ground for  
1/4 Sec Cor marked 1/4 on the  
N. face and raised a mound  
of stone along side

80.05 1/4 Sec Cor. to Secs. 23, 24, 25 & 26  
Land broken rocky  
Soil stony - 14" rule -  
Timber scattering Pine, cedar  
Fair grass.

N. Sec - Secs 23 and 24  
Ten 13° 40' E

40.00 Set - mulpais stone 12+9+9  
ins - 8 ins in the ground  
for 1/4 Sec Cor marked 1/4

018  
T. G. A. R. G. E.

on the N. face and raised a  
mound of stone alongside  
46.00 Along East-burden of Lake  
Ashurst-

65.00 Bank of lake west ~~10~~ E.

80.00 Set - Malpais Stone 10 + 9 + 6  
ins 7 ins in the ground  
for Cor. to Secs 13, 14, 23 and 24  
marked with 3 notches on  
the S. and 1 notch on the E.  
edges and raised a mound  
of stone alongside  
left set on E. bank of lake  
land broken rocky  
Soil strong - 4<sup>th</sup> rate -  
Fair Grass.

T. 19 N. R. 9 E.

E. end of random line bet Secs 13 & 24

7a  $13^{\circ} 40' E$

40.00 Lot temporary 1/4 Sec 13

80.00 Intersect the E. boundary  
of the township 17 lks S.  
of the Riv. to Secs 13,  
18, 19 and 24 which is as  
previously described  
by me.



T. 19 N. R. 9 E

Thence I run

S 89° 53' W. on a true line  
bet Secs 13 and 24 with same  
variation

30.00 Cross the road to Flagstaff  
pro S 85° W

36.00 Cross Flagstaff road west 50° W

40.05 Set maul pin's stone 14 + 10 + 9  
ins 10 ins in the ground for  
1/4 Sec Cor marked 1/4 on  
the N. face and raised a  
mound of stone alongside

80.09 E. bank of Colker and  
Cor. to Secs. 13, 14, 23 + 24

Land rolling rocky  
Soil stony - 4<sup>th</sup> rate  
Fair grass.

T. 19 N. R. 9 E.

N. bet. Secs. 13 and 14

70° 13' 40" E

Along the E. bank of  
Lake Ashurst -  
of the water.

34.00 Lease lake to the W. S.

35.30 Flyg staff way was N. 65° W.

40.00 Set mulpnis stone 16 + 9 + 9

ins 11 ins in the ground  
for 1/4 sec Cor marked  
1/4 on the W. face and  
raised a mound of stone  
alongside

52.00 Enter cedars

80.00 Set mulpnis stone 15 + 14 + 5

ins. 10 ins in the ground  
for Cor to Secs 11, 12, 13 and  
14 marked with 4 notches

T. 19. N. R. 9 E

out the S. and 1 notch on the  
E. edges. From which  
A Cedar 8 ins diam brs S 45° W 40  
lks dist marked T. 19. N. R. 9 E. S. 14 B. T.  
A Cedar 6 ins diam brs N 20° W 75 lks  
dist marked T. 19. N. R. 9 E. S. 11 B. T.  
A Cedar 12 ins diam brs N 45° E 120 lks  
dist marked T. 19. N. R. 9 E. S. 12 B. T.  
A Cedar 4 ins diam brs S 30° E 45 lks  
dist marked T. 19. N. R. 9 E. S. 13. B. T.

Land rolling rocky

Soil 4<sup>th</sup> rate

Timber N. portion dense cedars.

Scattering pines.

R. C. Powers

Lefty Surveyor

May 15<sup>th</sup> 1885.



T. 19 N. R. 9 E

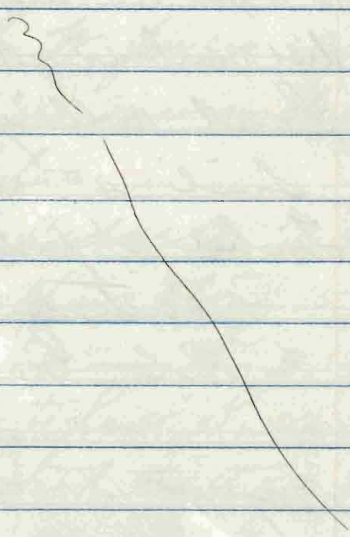
E. on a pond down line bet - Secs 12 & 13

to  $13^{\circ} 40' E.$

40.00 Set - temporary  $1/4$  Sec Cor

80.15 Intersect - the E. boundary  
of the township 22 E. S. of  
the Cor. to Secs 7, 12, 13 & 18

Previously described  
by me



18

T. 19 N. R. 9 E.

Thence I run

S.  $89^{\circ} 50'$  W. on a true line  
bet Secs 12 and 13 with some 7 or

40.47 Set mulpain's stone 16 + 8 + 5 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 along side  
from which A Cedar 6 ins diam. bear  
 $30^{\circ} E$  20 lbs dist marked  $\frac{1}{4}$  S. B. S.

B Cedar 8 ins diam bear S.  $10^{\circ} W$   
46 lbs dist - marked  $\frac{1}{4}$  S. B. S.

80.15 - The Cor to Secs 11, 12, 13 and 14

Land broken rolling

Soil rocky - 4<sup>th</sup> rate

Timber dense Cedars and  
Scattering Pines.

T. 19 N. R. 9 E

N. bet: Secs 11 and 12

To 13° 40' E

Through dense cedars

40.00 Set - malpais stone 16 + 10 + 5 ins  
 11 ins in the ground for 1/4 Sec  
 Cr marked 1/4 on the surface  
 and raised a mound of stone along side  
 From which a cedar 16 ins diam has  
 N 84° E 20 lbs dist - marked 1/4 S.B.S.  
 A cedar 8 ins diam has N 44° W  
 62 lbs dist - marked 1/4 S.B.S.

74.00 Enter park

78.20 E. Border of dry pond.

80.00 Set - malpais  
 stone 10 + 10 + 9 ins 7 ins  
 in the ground for Cr to Secs  
 1, 2, 11 and 12 marked



20

T. 19 N. R. 9 E

with 5 notches on the S. and  
1 notch on the E. edges and  
raised a mound of stone  
alongside.

Level high broken rocky  
Soil stony - 4<sup>th</sup> rate  
Timber dense Cedars and  
Scattering Pines

E. on a pond on line bet. Secs. 1 and 12  
Va  $13^{\circ} 40' E$ .

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

80.07 Intersect the East boundary  
line of the Township 27 N  
S. of the Cor to Secs. 1, 6, 7 and 12  
which is a  
Previously described by me

S. 19 N. R. 9 E.

Then I run

S. 89° 48' N. as a true line bet  
Sec. 1 and 12 with corner No

40.03 Set Malpais stone 14 + 10 + 8 ins  
10 ins in the ground for  $\frac{1}{4}$  Sec  
Cor marked  $\frac{1}{4}$  on the N. face &  
passed a mound of stone alongside  
from which a cellar 8 ins diameter.

T. 19 N. R. 9 E

N.  $20^{\circ}$  E. 110 cks marked  $\frac{1}{4}$  S. B. T.  
A Cedar 10 ins diam. bears S.  $45^{\circ}$  W  
170 cks marked  $\frac{1}{4}$  S. B. T.

73.00 E. border of dry Pond

80.07 This Cor to Secs 1, 2, 11 and 12

Land high rocky

Soil stony (mudflats) - 4<sup>th</sup> rate

Timber Clump Cedar and  
scattering pines.

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N. on a pondous line bet Secs 1 & 2

Var  $13^{\circ} 46'$  E.

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

80.38 Intersect the N. boundary  
of the township at the Cor. to  
Secs. 1, 2, 35 and 36. which



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T. 19 N. R. 9 E

is a Sand stone 16 x 4 x 5-  
ins above ground marked  
with 1 notch on E. & 5  
notches on W edges &  
mound of stone alongside

from which  
a pine 12 ins diam br S3°W 9 lbs dist  
marked T 19 N. R 9 E. S 2 B J

a Juniper 10 ins diam br N4°E 19 lbs  
dist marked T 20 N. R 9 E. S 36 B J

a Juniper 14 ins diam br N50°W  
92 lbs dist marked T 20 N. R 9 E. S 35 B J

These 3 pines

S. on a true line bet Secs 1 & 2  
with same Vec. through  
dense cedars

40.38 Set-malpais stone 15 + 10 + 8  
ins 10 ins in the ground

T. 19 N. R. 9 E.

for  $\frac{1}{4}$  Sec Cor. marked  $\frac{1}{4}$  on  
the N. face and raised a  
mound of stone along side  
from which - A cedar 16 ins diam  
was  $\pm 80^\circ E$ . 60 lbs dist marked  $\frac{1}{4}$  S. B. J.  
A cedar 8 ins diam was  $S 30^\circ W$ .  
20 lbs. dist marked  $\frac{1}{4}$  S. B. J.

6030 N. Bank of ~~some~~ dry pond.

8038 The Cor. to Secs 1, 2, 11 and 12

Land high - stony

Soil rocky - 4<sup>th</sup> rate

Timber dense cedars & scattering

Pinon and yellow pine

Ringly W. Pines

deputy Surveyor

May 16<sup>th</sup> 1885 -

I carefully examined my instrument  
to-day and found it in good adjustment

T. 19 N. R. 9 E

From the Cor to Secs 2, 3,

34 and 35 on the S. boundary  
line of the township - which  
is a Post 4 ins sq

marked T 19 N. S 35 on N E

R 9 E S 2 on S. E

T 18 N. S 3 on S. W &

S 34 on N. W faces with  
2 notches on E & 4 notches on  
N. edges and mound of  
stone around post

I run

N. bet Secs 34 and 35 -

wa  $13^{\circ} 45' E$



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T. 19 N. R. 9 E.

On bottom Land.

40.00 Sit-mulpais stone 10 + 10 + 8  
ins 7 ins in the ground for  
1/4 Sec Cor. marked 1/4 on Refuge  
and raised a mound of stone  
alongside

A. Pond 2 + 4 chs hrs N. W.  
10 chs dist. -

59.00 A deserted Cabin hrs E. 5 chs  
dist. -

80.00 Sit-mulpais stone 10 + 10 + 8 ins  
7 ins in the ground for Cor to  
Secs. 26, 27, 34 and 35 marked  
with 1 notch on the S. and 2 on  
the E. edges and raised a mound  
of stone alongside  
Land broken, rocky, bottom

T. 9 N. R. 9 E

Soil stony - 4<sup>th</sup> cut -  
Scattering Pine & Cedar  
Fair grass.

On a random line bet Secs 26 & 35 -  
7<sup>a</sup> 13° 50' E.

40.00 Set temporary 1/4 Sec Cor  
80.12 Intersect N and S line 13  
cls. N. of the Cor. to Secs. 25 -  
26, 35 and 36

Then I run

N. 89° 54' W on a true line  
bet. Secs. 26 and 35 with  
same 7<sup>a</sup>

40.06 Set mulpins stone 10 + 9 + 8  
ins. 7 ins in the ground

J. 19 N. R. 4 E.

for 1/4 Sec Cor marked 1/4 on  
the N face and raised a  
mound of stone along side

60.00 Enter north line - 1/4 Sec N. E.

60.30 Leave north

80.12 Set Cor to Secs 26, 27, 34 + 35

Land broken rocky  
Soil stony + the rule -  
Fair grass.

N. bet - Secs 26 and 27  
70° 13' 50" E

40.00 Set - mulpais stone 10 + 9 + 6  
ins 7 ins in the ground  
for 1/4 Sec Cor marked 1/4  
on the N. face and raised



T. 19 N. R. 9 E.

A mound of stone along side  
 80.00 Set Malpais stone 10 + 10  
 + 8 ins 7 ins in the ground  
 for Cor to Secs. 22, 23, 26 + 27  
 Marked with 2 notches on  
 the S. and 2, on the E. edges  
 and raised a mound of  
 stone along side.

Land rocky broken  
 Soil stony - 4th rate -  
 Timber scattering Pine and  
 Cedar. Fair grass.

## T. 9 N. R. 9 E.

Con a random line bet Secs 23 & 26

Tr<sup>a</sup>  $13^{\circ} 48' E$ .

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

80.10 Intersect N and S line 8 lks

N. of the Cor to Secs 23, 24, 25 & 26

Thence S run

N.  $89^{\circ} 57' W$  on a true line

bet Secs 23 and 26 with same Tr<sup>a</sup>

140.05 Set Malpais stone  $9+9+8$  ins

6 ins in the ground from  $\frac{1}{4}$

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

and raised a mound of stone  
along side.

80.10 The Cor. to Secs 22, 23, 26 and 27

Land rolling, rocky

Soil stony - 4<sup>th</sup> sect.

Timber scattering Pine & cedar

Fair grass.

T. 19 N. R. 9 E.

N. bet Secs. 22 and 23

7a 13° 48' E

Through 2 cutting pines

40.00 Set mulpais stone 10 + 10 + 7

ins 7 ins in the ground  
for  $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$  on  
the W. face and raised a  
mound of stone along side

80.00 Set mulpais stone 12 + 12 + 4

ins 5 ins in the ground for  
Cor to Secs 14, 15, 22 and 23

marked with 3 notches on the  
S. and 2 notches on the E

side, and raised a mound  
of stone along side; from which

A. Pine 14 ins diam hrs. S. 86° W.  
64 lks dist marked T. 19 N. R. 9 E. S 2203.



32

T. 19 N. R. 9 E.

A Pine 26 ins diam. best 12° 30' N  
158 lks dist. marked T. 19 N R 9 E  
S. 15. B. T.

No other bearing trees within  
limits.

Good Broken rocky

Soil - 4<sup>th</sup> rate

Timber scattering Pine & Cedar  
Fair Grass.

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E. end of permanent line bet Secs 14 & 23

7 or 13° 45' E

40.00 Set temporary 1/4 Sec Cor

80 1/2 Intersect - to end of line 8 lks

S. of the Cor to Secs 13, 14, 23 & 24

Thence I run

T. 19. N. R. 9 E

S.  $89^{\circ} 56\frac{1}{2}'$  W. on a true line  
 bet Secs. 14 and 23 with some  
 variation - Crossing Lake  
 Ashurst - 2 to 3 feet deep

15.00 Ft. margin of lake bet N.  
 and S about 1 mile long

40.06 Set - malpais stone 12 + 9 + 6  
 ins 8 ins in the ground for  
 1/4 set cor marked 1/4 on N. face  
 had raised a row of stones  
 along side

80.12 This cor. to Secs 14, 15, 22 & 23  
 found high. broken,  
 Soil 4<sup>th</sup> rate - rocky -  
 Timber & cutting pine  
 Fair grass.

Jno A. Curtis

May 15<sup>th</sup> / 885 -

Compass man

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T. 19 N. R 9 E

N. bet Secs 14 and 15-

7<sup>th</sup> 13° 45' E.

40.00 Set - mulpinis stone 13 + 9 + 6 ins  
9 ins in the ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  on W. face and raised  
a mound of stone alongside.

54.90 Cross road to Flay Staff hrs. W.

80.00 Border of Lake Shady

Set - mulpinis stone 12 + 10 + 8 ins  
8 ins in the ground for Cor. to  
Secs. 10, 11, 14 and 15 - marked  
with 4 notches on the S. and  
2 notches on the E. edge and  
raised a mound of stone  
along side.

Land broken rocky

Soil  $\frac{1}{2}$  to 1<sup>st</sup> ft

Timber Pine & Cedar



T. 194. R. 9 E.

E. on a permanent line bet Secs 11 and 14  
Va.  $13^{\circ} 48' E.$

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

80.00 Intersect - N + S. line 21 lks

S. of the Cor to Secs 11, 12, 13 + 14

Thence I run

S.  $89^{\circ} 51' N.$  on a true line bet -  
Secs 11 and 14 with same Va

35.00 Park bet N + S

37.00 Lower Park

40.05 Set - malpais stone 15 + 6 + 5 in

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

Cor. marked '14 on the N face

and raised or mounded if stone

along side - from which

A cedar 6 ins diam bet S.  $85^{\circ} 07'$

160 lks bet marked  $\frac{1}{4}$  sec B. I.

318 36  
T, 9 N. R, 9 E

A cedar 5 in diam. has  $\pm 20^\circ E$   
180 lbs chert marked  $\frac{1}{4}$  S. B. T.  
70.00 Suscund 20 feet - to  
80.00 margin of Lake Shady

The Cor to Sus 10, 11, 14 and 15 -  
Ground broken rocky  
Soil strong  $\frac{1}{4}$  to  $\frac{1}{2}$  in -  
Timber dense cedars and  
scattering pines.

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A. bet - Sus 10 and 11

ru  $13^\circ 48' E$ .

Crossing S. End of - dry pond  
~~2 to 3 1/2 feet deep~~

15.00 Leave pond & ascend

20.00 Top of hill 20 feet high

T. 19 N. R. 9 E.

40.00 Set mulpis stone 12 + 9 + 5  
ins 8 ins in the ground for  
 $\frac{1}{4}$  Sec C marked  $\frac{1}{4}$  on N. face  
and raised a mound of stone  
along side.

80.00 Set mulpis stone 14 + 12 +  
10 ins 10 ins in the ground  
for cor. to Secs. 2, 3, 10 and 11

marked with 5 notches on the S.  
and 2 notches on the E. edge  
and raised a mound of stone  
along side. From which

A Cedar 6 ins diam hrs S 8° E 40 lks  
dist marked T. 19 N. R. 9 E. S. 11 B. L.

A Cedar 5 ins diam hrs S 85° W 90 lks dist  
marked T. 19 N. R. 9 E. S. 10 B. L.

A Cedar 12 ins diam hrs N 45° W 100 lks



T. 19 N. R. 9 E.

dist. marked T. 19 N. R. 9 E. S. 3 B. 7  
 A. Cedar & is down to 10° E. 125-130  
 dist. marked T. 19 N. R. 9 E. S. 2. B. 7.  
 Land high broken rocky  
 Soil 4<sup>th</sup> sub-  
 Timber dense Cedars and  
 scattering pines.

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E. on a random line bet Secs 2 and 11  
 to 13° 45' E

40.00 Set temporary 1/4 Sec. Cor  
 80.07 Intersect to and S. line 27 chs  
 S. of the Cor to Secs. 1, 2, 11 and 12  
 Thence I run  
 S. 89° 48' W on a true line  
 bet Secs 2 and 11 with same 7/8

T. 19 N. R. 9 E

Crossing N. end of Lake Shady  
2 to 4 feet deep (D. 4)

15.00 Ascend from lake

18.40 Top of pine 20 feet - above  
Lake water. Several Cedars

40.08 Set malpais stone 18 + 10 + 5 in  
12 ins in the ground for  $\frac{1}{4}$  Sec  
Cw marked  $\frac{1}{4}$  on N. face and  
raised a mound of stone around.

A Cedar 10 ins diam hrs. N 85° E

40 lbs dist marked  $\frac{1}{4}$  S. B. S.

A Cedar 8 ins diam hrs. S 10° W

100 lbs dist - marked  $\frac{1}{4}$  S. B. S.

80.07

The Cor to Secs 2, 3, 19 and 11

Land highly rocky

Soil strong  $\frac{1}{4}$  to  $\frac{1}{2}$  m

Timber dense Cedars and

Scattering Pines.

T. 19 N. R. 9 E

From a random line bet Sec 2 and 3  
7<sup>th</sup> on  $13^{\circ}45'$  E

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

80.37 Intersect the N. boundary line  
of the township 22 cks N. of the  
Cor to Secs 2, 3, 34 and 35-

which is a Sand stone  
 $14 \times 6 \times 5$  ins <sup>9 ins</sup> above ground  
marked with 2 notches

on E and 4 notches on  
W edges and a mid

of stone along side from

which a yellow pine 36 ins diam bet  $S 10^{\circ} W$

42 cks dist marked T 19 N. R 9 E S 3 B S.

a yellow pine 14 ins diam bet  $N 5^{\circ} E$  48 cks  
dist marked T 20 N. R 9 E. S 35-B S.

a pine 8 ins diam bet  $N 30^{\circ} W$  96 cks  
dist marked T 20 N. R 9 E. S 34 B S.



T. J. R. & E.

Thence I run

509 1/2 ft. on a true line bet-  
Secs. 2 and 3 with some var.

Through dense cedars brush

40.37 Set malpais stone 15+14+12 in 10  
ins in the ground for 1/4 sec. line  
marked 1/4 on N face and raised  
a mound of stone along side.

44.00 Commenced to ascend

52.00 Top 40 feet - above

80.37 The line to Secs 2, 3, 10 & 11

Land broken patches

Soil stony 4<sup>th</sup> sect-

Timber dense cedars brush

& scattering pines.

Jos A. Curtis

Surveyor

May 16<sup>th</sup> 1885 - Examined my  
instrument to-day and found it in  
perfect adjustment.

T. 19 N. R. 9 E

From the cor to Secs 3, 4, 33 and 34  
 on the S. boundary line of the  
 township which is a Sand  
 Stone 20x10 ins above ground  
 marked with 3 notches on  
 E and W edges, and  
 a mound of stone  
 along side

I run

N. bet Secs 33 and 34

2a.  $13^{\circ} 50' E$ .

T 19 N. R. 9 E.

40.00 Set Malpais stone 9 + 8 + 8 in  
6 in in the ground for  $\frac{1}{4}$  dis Cor  
marked 7 on the N. face and  
raised a mound of stone  
along side.

77.00 A trail to Marmon Lake has  
S. 10.

80.00 Set Malpais Stone 12 + 10 + 10  
in 8 in in the ground for  
marked with 1 notch on top, and 3 notches on  
the E. & 2 on S.  
Cor. to Secs 27, 28, 33 + 34<sup>+</sup> for Whit  
+ and raised a mound of stone <sup>along side.</sup>  
A Pine 30 in diam. has 120 W  
bolts dis marked T 19 N. R.  
9 E. S 28 B. S.

No other trees of proper size  
within limits

Ground rolling rocky  
Soil 4<sup>th</sup> rate

Timber scattering Pine - <sup>Flang</sup> Grass



T. 19 N. R. 9 E.

E. on W. random line bet Secs 27 and 34

To 13° 50' E

40.00 Set temporary 1/4 Sec Cor.

80.18 Intersect N & S. line 27 cks

N. of the Cor to Secs 27, 26, 34 & 35

thence I run

N. 89° 48' W. on a true line

bet Secs 27 and 34 with same run

19.00 Enter valley that hrs. N. W. & S. E.

40.09 Set - mulpins stone 12 + 9 + 7 ins

8 ins in the ground for 1/4

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

and raised a mound of stone along it & gradually ascend

50.00 Leave valley to <sup>the</sup> ~~the~~ <sup>the</sup> up slope

70.00 <sup>temporary</sup> ~~temporary~~ <sup>late</sup> ~~late~~ <sup>trail</sup> ~~trail~~ <sup>to</sup> ~~to~~ <sup>S. W.</sup> ~~S. W.~~

80.18 This Cor to Secs 27, 28, 33 & 34

Land undulating rocky

Soil stony - H to white

Fair grass

45  
BOOK 310

T. 19 N. R. 9 E.

N. bet Secs. 27 and 28

Ra 13° 50' E

40.00 Sit-mulpais stone 12+8+7 is  
8 ins in the ground for  $\frac{1}{4}$  Sec  
Cor marked  $\frac{1}{4}$  on N face and  
raised a mound of stone  
along side

50.00 Sit-mulpais stone 12+9  
+8 is 8 ins in the ground  
for Cor to Secs. 21, 22, 27+28  
marked with 2 notches on  
the S. and 3 notches on the E edges  
and raised a mound of stone along side  
Small pulling, rocky  
Soil 4<sup>th</sup> red

Timber scattering pine  
Fair grass.

T. 19 N. R. 9 E

E. on a random line bet Secs. 22 & 27

Var  $13^{\circ} 48' E$

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

80.08 Intersect of N and S lines

14 bushes of toro Secs 22

21, 26 and 27.

Thence I run

S  $89^{\circ} 54' N$  on a true line bet  
Secs 22 and 27 with some var.

40.04 Set malpais stone 12 + 9 + 8 in

line in the ground for  $\frac{1}{4}$  Sec

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

raised a mound of stone alongside.

80.08 This cor to Secs 21, 22, 27 and 28

Land high, rocky, miser

Soil 4 \* rule -

Timber scattering Pine, Grass.



T. 9 N. R. 9 E.

N. bet Secs 21 and 22

Pa 13° 48' E.

40.00 Set Malpais stone 10 + 10 + 7  
ins 7 ins in the ground  
for  $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$   
on N. face and raised a  
mound of stone alongside.

80.00 Set Malpais stone 10 + 10  
+ 9 ins 7 ins in the ground  
for Cor to Secs 15, 16, 21 & 22  
marked with 3 notches each  
on the S. and E. edges and  
raised a mound of stone  
alongside

Small high rocky mesa  
Soil 4<sup>th</sup> rate

Timber scattering Pine  
Hair grass.

## T. 19 N. R. 9 E.

E. on a random line bet Secs 15 & 22

7m  $13^{\circ} 45'$  E.

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

80.12 Intersect at end of line 29 lbs

S. of the Cor to Secs 14, 15, 22 & 23

thence I ran

S.  $89^{\circ} 48'$  W. on a true line  
bet Secs 15 and 22 with some var.

40.06 Set malpais stone 12+9+6 ins

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

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

raised a mound of stone along side

80.12 The Cor to Secs 15, 16, 21 and 22

Land high rocky mesa

Soil stony - 4 to 6 in

Timber, scattering pine

Fair grass.

J. 19 N. R. 9 E.

N. bet-sec 15 and 16

7a 13° 45' E.

40.00 Sit-malpais stone 14+9+6  
ins 10 ins in the ground for  
1/4 Sec. Cor marked 1/4 on surface  
and raised a mound of stone alongside

45.80 Road to Flans staff bet. West-

53.00 A Pond 90 chd. 10 chambers,  
E. 4 chs. dist.

50.00 Sit-malpais stone 10+10+8 ins  
7 ins in the ground for Sec to  
Secs. 9, 10, 15 and 16 marked  
with 4 notches on the S. and  
3 notches on the E. edges and  
raised a mound of stone  
alongside



T. 19 N. R. 9 E.

Land high rocky mesa  
Soil stony - 4<sup>th</sup> rule -  
Timber scattering Pine.

~~W. C. Powell~~

May 18, 1885. U. S. Deputy Surveyor.

E. on a random line bet Secs 10 and 15

On  $13^{\circ} 48' E.$

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

80.07 Intersect to angle S. line 17 chs

S. of the Cor. to Secs 10, 11, 14 & 15

Thence I run

S.  $89^{\circ} 53' N.$  on a true line bet  
Secs 10 and 15 with same De

3.00 Enter margin of dry pond

20.00 Leave dry pond

40.03 Set maple stake 14 + 10 + 8 ins

10 ins in the ground for  $\frac{1}{4}$  Sec

T. 19 N. R. 9 E.

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

57.80 Placed 15-cks with Curved N.

80.07 This Cor to Secs 9, 10, 15 & 16

Land high rocky thin  
Soil stony - 4 to 6 in.  
Timber scattering Pine  
Fair grass.

N. bet Secs 9 and 10

va 130 48' E

through Pine & Cedar

40.00 Set - mound stone 12 + 10 + 10

ins. 8 ins in the ground for  
 $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$  on N. face

T 19 N. R. 9 E.

And raised a mound of stone along side  
A Pine 24 ins diam hrs N 89° E  
32 lbs marked 1/4 S B. I.

A Pine 32 ins diam hrs S 88° W  
30 lbs dist - marked 1/4 S B. I.

67.00 descend

68.20 Pine tree 24 ins diam

74.50 Bottom 40 feet - below top

75.00 Cross Wash 15 lbs wide course N.E.

Ascend

80.00 25 feet - above wash.

A Mountain oak 6 ins diam  
which I mark T 19 N. S. 3 on  
N.E.

R. 9 E. S. 10 on S.E.

S. 9 on S.W.

S 4 on N.W. faces with 5 notches  
on the S and 3 notches on



33  
BOOK 510  
T. 19 N. R. 9 E

the E. edges for loc to Locs  
3, 4, 9 and 10 From which  
A Pine 24 ins diam hrs S 10° W 40 lbs  
dist marked T. 19 N. R. 9 E S. 9 B. 5.  
An oak 4 ins diam hrs S 20° W 60  
lbs dist marked T. 19 N. R. 9 E. S. 4 B. 7.  
An oak 8 ins diam hrs S 10° E 20 lbs  
dist marked T. 19 N. R. 9 E S. 10 B. 5.  
A Pine 12 ins diam hrs S 20° E 65 lbs  
dist marked T. 19 N. R. 9 E S. 3 B. 5.  
Ground light rocky  
Soil stony - 4 to 6 ft  
Timber heavy Pine, oak & Cedar

T. 19 N. R. 9 E.

E. on a random line bet Secs 3 + 10  
Va 13° 48' E

40.00 Set temporary 1/4 Sec Cor  
80.05 - Intersect N + S line 32 chs  
S. of the Cor. to Secs 2, 3, 10 + 11  
Thence S run

S 89° 46' N. on a true line  
bet Secs 3 and 10 with same Va.

15.00 Descend very good rocky slope.  
38.40 Bottom of Canon 300 feet -  
below Top Course N

38.60 Commenced to Ascend from Canon

40.03 Set mulpais stone 15 + 9 + 6 is  
10 ins in the ground for 1/4 Sec  
Sec Cor. marked 1/4 on N face  
and raised a mound of stones  
along side - from N to E.

J. 19 A. R. 9 E.

A. Pine 36 ins diam hrs  $N 45^{\circ} E 12$   
lbs dist-marked  $\frac{1}{4}$  S. B. T.

One Oak 8 ins diam hrs  $S 60^{\circ} W$   
15-lbs dist-marked  $\frac{1}{4}$  S. B. T.

59.70 Lf. about 250 feet above  
bottom of Cañon.

74.00 Wash 15-lbs wide at bottom 25  
feet-deep hrs  $N 45^{\circ} E$

80.05 - The Cor to Secs 3, 4, 9 and 10  
Land Broken rocky mountains  
Soil 4 to 6 ft -

Timber heavy Pine oak & Cedar.  
I carefully examined  
my instrument to-day and  
found it in perfect  
adjustment.



T. 19 N. R. 9 E

N. on a random line bet Secs 3 and 4

Var  $13^{\circ} 48' E$

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

80.31 Intersect the N boundary line

of the Township 14 lks E of the Cor  
to Secs 3, 4, 33 and 34 which

is a <sup>Sand</sup> stone  $10 \times 6 \times 6$  ins above

ground marked with 3 notches on E  
and W edges, and mound of stone  
alongside, from which a pine 12  
ins diam br  $N 3^{\circ} E$  75 lks dist

marked T 20 N, R 9 E, S 34 B T

a Juniper 10 ins diam br  $N 40^{\circ} W$  98  
lks dist marked T 20 N, R 9 E, S 33,

a yellow pine 14 ins diam <sup>br</sup>  $S 10^{\circ} E$  70 lks  
dist marked T 19 N, R 9 E, S 3 B T.

a yellow pine 8 ins diam br  $S 59^{\circ} W$   
69 lks dist marked T 19 N, R 9 E

S 4 B T

Sig A. R. g E.

Thence S. run

S.  $00^{\circ} 16'$  E on a true line  
bet Secs 3 and 4 with some  
variation

Along <sup>of ridge</sup> Mulpus ridge

22.50 Top descend

40.31 About 100 feet below top

Set Mulpus stone 12 + 10 + 7 ins  
8 ins in the ground for  $\frac{1}{4}$  inches  
marked  $\frac{1}{4}$  on N. face and raised  
a mound of stone along side

A Pin 12 ins diam. hrs S  $89^{\circ}$   
5 lbs dist marked  $\frac{1}{4}$  S B. T.

A Pin 24 ins diam. hrs S  $50^{\circ}$  E  
60 lbs dist marked  $\frac{1}{4}$  S B. T.

Thence along ridge

73.00 Sec descend

T. 19 N. R. 9 E

80.31 40 feet below "Lusend"

This Cor to Secs 3, 4, 9 and 10  
Lund high, Rocky.

Soil strong - 4<sup>th</sup> rate

Timber heavy Pine oak cedar.

R. C. Darrow.

May 14, '80 - U.S. Deputy Surveyor.

From the Cor to Secs 4 and 5, 32 or  
33 on the S. boundary line of  
the township which is on Post-  
4 ins sq marked

T. 19 N. S 33 on N. E

R. 9 E. S 4 on S. E

T. 18 N. S 5- on S. W 9

S 32. on N W face.

with 4 notches on E 9



T. 19 A. R 9 E

2 notches on W edges  
and mound of stone  
around post.

A run

N. bet Secs 32 and 33

40.00 Lt. mulpuris stone 10 + 10 + 6 in

to  $13^{\circ} 50' E$ .

7 in in the ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  on W face and raise  
a mound of stone along side from abut.

A Pin 10 in diam bet  $15^{\circ} E$

40 lbs chat marked  $\frac{1}{4}$  Sec. I.

A Pin 12 in diam bet  $S 89^{\circ} W$

34 lbs chat marked  $\frac{1}{4}$  Sec. I.

80.00 Lt. mulpuris stone 10 + 10 +

8 in 7 in in the ground  
for Cor to Secs. 28, 29, 32 & 33

# T. 19 N. R. 9 E

marked with 1 notch on the S.  
and 4 notches on the E edge  
and raised a mound of stones  
along side. From which

A Pine 40 ins diam hrs S. 68° W. dist  
76 lks marked T. 19 N. R. 9 E S. 32 B. J.

A Pine 5 ins diam hrs N. 70° W. 69 lks  
dist marked T. 19 N. R. 9 E S. 29 B. J.

A Pine 8 ins diam hrs S. 23° E 10 lks dist  
marked T. 19 N. R. 9 E S. 33 B. J.

A Pine 28 ins diam hrs S. 86° E 114 lks  
dist marked T. 19 N. R. 9 E S. 27 B. J.

Land high rocky

Soil strong 4<sup>th</sup> cult.

Timber heavy Pine, oak & Cedar

BOOK 1018  
T. 19 N. R. 9 E

E. on a random line bet Secs 28 and 33

Tr.  $13^{\circ} 48' E$

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

80.00 of Subsect to and S line 23

lks N. of the Cor to Secs 27, 28  
33 and 34.

Thence I run

N.  $89^{\circ} 50' W$ . on a true line  
bet Secs 28 and 33 with same tr.

40.05 Set mulpuris stone 10+9+9 is

7 ins in the ground for  $\frac{1}{4}$   
Sect Cor. marked  $\frac{1}{4}$  on N face  
and raised a mound of stone  
along side from which

An oak 13 ins diam bet N  $30^{\circ} W$   
38 lks dist marked  $\frac{1}{4}$  S. B. T.

A Pine 12 ins diam bet S. 34 E 110 lks  
dist. marked  $\frac{1}{4}$  S. B. T.



T. 19 N. R. 9 E.

80.09 1/4 Sec Cor to Secs 28, 29, 32 & 33  
Land pulling rocky  
Soil strong - 4<sup>th</sup> rate -  
Timber Pine, oak & cedar.

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St. bet. Secs 28 & 29

7<sup>th</sup> 13° 48' E

40.00 Set Malpais stone 10 + 8 + 8 ins  
7 ins in the ground for 1/4 Sec  
Cor marked 1/4 on W face and  
raised a mound of stone  
along side - from which  
A Pine 14 ins diam bears S. 30° W  
25 lbs dist - marked 1/4 S. B. I.  
An oak 8 ins diam bears N 45° E 80  
lbs dist - marked 1/4 S. B. I.

T. 19 N. R. 9 E.

80.00 Set - mulpha's stone 9 + 8  
 + 7 ins - 6 ins in the  
 ground for Cor to Sec 20, 21  
 28 and 29 marked with  
 2 notches on the S. end +  
 notches on the E. edge +  
 raised a mound of stone  
 along side - From which  
 A Pine 30 ins diam. hrs N 45° W 110  
 lbs dist marked T. 19 N. R. 9 E. S 20 B. T.  
 A Pine 26 ins diam hrs N 30° E 162 lbs dist  
 marked T. 19 N. R. 9 E. S 21 B. T.  
 A Pine 30 ins diam hrs S 40° E 131 lbs  
 dist marked T. 19 N. R. 9 E. S 28 B. T.  
 A Pine 28 ins diam hrs S 43° W 39 lbs  
 dist marked T. 19 N. R. 9 E. S 29 B. T.  
 Land broken rocky

T. 19 N. R. 3 E

Soil strong - 4<sup>th</sup> rate -  
Timber heavy Pine & oak.

E on a random line bet Secs 21 and 28  
7<sup>th</sup> 13° 46' E

40.00 Set temporary 1/4 Sec Cor  
80.05 - Intersect N and S line of Ebs N  
of the Cor to Secs 21, 22, 27 & 28  
Thence S run

N. 89° 56' W. on a true line  
bet Secs 21 and 28 with sum 7<sup>th</sup>

40.00 Set - maul pair stone 10 x 10 x 7 in  
7 in in the g round for 1/4 Sec Cor  
marked 1/4 on N face and raised  
a mound of stone along side  
A Pine tree 14 in dia thro S.



J. 19 N. R. 9 E

33° N 95-eks dist marked  $\frac{1}{4}$  S. R. S.

A Pine 22 ins diam hrs N 40° E

150 eks dist marked  $\frac{1}{4}$  S. R. S.

80.00- The Cr to Sec 20, 21, 28 & 29

Land rolling rocky

Soil stony - 4<sup>th</sup> rate -

Timber Pine and oak

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N. bet Sec 20 and 21

70 13° 46' E

28.00 Wash 10 eks course N 80° E.

31.00 Road hrs N.E. & S.W.

40.00 Set - mephix stone 10 + 8 + 7 in

7 ins in the ground for  $\frac{1}{4}$  Sec Cr

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

raised a mound of stone along side

A. Pine 20 ins diam hrs S. 25° W

200K 318 66  
T. 19 N. R. 9 E

78 lbs dist marked  $\frac{1}{4}$  S B. T.

A Pine 6 ins diam hrs  $\uparrow 48^{\circ}$  E 100

lbs dist-marked  $\frac{1}{4}$  S B. T.

80.00 Set mullein's stem 10 + 9 + 7 ins  
7 ins in the ground for Oct to Dec.

16, 17, 20 and 21 marked with

3 notches on the S and 4 notches

on the E. edges and raised a

mound of stems alongside your mark

A Pine 30 ins diam hrs S.  $56^{\circ}$  E 98 lbs

marked T. 19 N. R. 9 E S 21 B. T.

A Pine 28 ins diam hrs S  $60^{\circ}$  W 140 lbs dist

marked T. 19 N. R. 9 E S 20 B. T.

A Pine 34 ins diam hrs  $\uparrow 25^{\circ}$  E 101 lbs

dist marked T. 19 N. R. 9 E. S 16 B. T.

A Pine 6 ins diam hrs  $\uparrow 8^{\circ}$  W 116 lbs dist

marked T. 19 N. R. 9 E S <sup>17</sup> 20 B. T.

T. 19 N. R. 9 E.

Land rolling rocky  
 Soil strong - 4<sup>th</sup> water  
 Timber heavy Pine, some oak,

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Co. on a random line bet Secs 16 and 21  
 for  $13^{\circ} 45' E$

40.00 Set temporary  $\frac{1}{4}$  Sec Cor  
 80.08 Intersect N. and S line at  
 the Cor to Secs 15, 16, 21 + 22  
 Thence I ran

N. on a true line bet Secs  
 16 and 21 with same bearing

40.04 Set - Mufpiss stone 12 + 10  
 + 7, six 8 ins in the ground  
 for  $\frac{1}{4}$  Sec Cor marked  
 $\frac{1}{4}$  on N. face and



J. 19 A. R. & E

- passed a mound of stone alongside  
 One 30 ins diam hrs N 66° W  
 88 lbs dist marked 1/4 S. B. J.  
 One oak 14 ins diam hrs S 13° W  
 60 lbs dist. marked 1/4 S. B. J.  
 45-00 Top of Ridge descended  
 62-00 Bottom + 100 feet - below top  
 62-20 North 8 lbs wide Course N. W.  
 66-00 Road from Warmen Lake to  
 Flagstaff hrs N to S.  
 80-08 Soil cor to Secs 16, 17, 20 and 21  
 Laurel Broken Mammalian  
 Soil stony - 4<sup>th</sup> rate -  
 Timber heavy Pine, & oak  
 Some grass.

May 18<sup>th</sup> 1885

Jno A. Curtis  
 Comptroller

T 19 N R 9 E

N. bet - Secs 16 and 17

Ta.  $13^{\circ} 45' E$ 

40.00 Set Malpais stone  $10 + 10 + 7$  ins  
 7 ins in the ground for  $\frac{1}{4}$   
 Sec. Cor. marked  $\frac{1}{4}$  on N. face  
 and raised a mound of stone  
 alongside. From which  
 A Pole 7 ins diam hrs  $N 80^{\circ} W$   
 130 lbs dist marked  $\frac{1}{4}$  S. B. J.  
 No other trees of size within  
 limits

80.00 Set Malpais stone  $10 + 10 + 8$  ins  
 7 ins in the ground for Cor  
 to Secs 8, 9, 16 and 17  
 marked with 4 notches each  
 on the S. and E. edges  
 and raised a mound of stone alongside

T. 19 N. R. 9 E.

Ground high broken  
Soil Stony - 4<sup>th</sup> sub  
Timber scattering Pine rock  
Fair grass

E. end a pseudo line bet Secs 9 & 16  
Va 13° 45' E

40.00 At temporary 4<sup>th</sup> sub Cor  
80.08 Intersect N and S line 15-  
chs S. of the Cor to Secs 9, 10, 15-  
and 16

Thence S. 89° 53' W. on a true line  
bet Secs 9 and 16 with some

40.04 At Malpas boulder 20 + 12 + 9  
14 ins in the ground for Cor.



T. 19 N. R. 9 E.

$\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on  
N. face and raised a mound  
of stone along side of fence.  
A Pine tree 24 ins diam. bet S  
795. 75-cks dist marked  $\frac{1}{4}$  S B. T.  
A Pine 6-ins diam bet N. 30 E.  
120 cks dist - marked  $\frac{1}{4}$  S B. T.

65.20 Top of Ridge, descend  
78.00 Wash 15-cks with about  
200 feet - below top course  
N. 10° W

79.20 Road to Flays staff bet N 15° W  
80.08 This Cor. to Secs 8, 9, 16 and 17  
Ground broken prominent  
Soil rocky - 4<sup>th</sup> rate  
Timber Pine and oak  
Fair grass in spots

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T. G. R. & E.

A. bet Lakes 8 and 9

7 or  $13^{\circ} 45'$  E.

6.50 Marmon Lake to Flagstaff road  
bet A. 250 ft.

9.00 Wash 15-lbs course N. 25° W.

18.00 Ascend ridge

22.00 Top about 200 feet above  
wash

40.00 Set Malpais stone 14 + 12 + 8  
ins 10 ins in the ground for  
 $\frac{1}{4}$  Sec Cor marked  $\frac{1}{4}$  on  
N. face and raised a mound  
of stone along side.

No trees of proper size within  
limits — Along ridge

80.00 Set Malpais stone 15 + 12 + 10  
ins. 10 ins in the ground

T. 19 N. R. 9 E.

for Cor to Secs 4, 5, 8 and 9  
marked with 5 notches on  
the S. and 4 notches on the  
E. edge is, and raised a  
mass of stone along side  
A Pine 32 ins diam hrs N 10° W 120 lbs  
dist marked T. 19 N. R. 9 E. S. 5. B. J.  
A Pine 42 ins diam hrs N 75° E 150 lbs  
dist marked T. 19 N. R. 9 E. S. 4. B. J.  
A Pine 40 ins diam hrs S. 50° W. 200 lbs  
dist marked T. 19 N. R. 9 E. S. 8. B. J.  
A Pine 48 ins diam hrs S. 60° E 140 lbs  
dist marked T. 19 N. R. 9 E. S. 4. B. J.  
Land high mountainous  
Soil stony 4<sup>th</sup> rate  
Timber heavy Pine some oak



T. 9 N. R. 9 E.

E. on a random line bet Secs 4 & 9  
Va.  $13^{\circ} 48' E$

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

79.96 Intersect N. and S. line 27 lbs

S. of the Cor to Secs 3, 4, 9 and 10  
Thence S. from

S.  $89^{\circ} 48' N$ . on a true line  
bet Secs 4 and 9 with some Va  
Ascending slope

8.00 Top 75 feet above Sec Cor

39.98 Set maulpin stone 18 + 12 + 10 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.

A Pine 20 ins diam. bet N. 10° E 60 lbs  
dist - marked  $\frac{1}{4}$  S. B. T.

A Pine 18 ins diam. bet S. 20° W 100  
lbs dist marked  $\frac{1}{4}$  S. B. T.

T. 9 N. R. 9 E

79.96. The Cor. to Secs. 4, 5, 8 and 9  
Land high broken from timber  
Soil strong 4<sup>th</sup> into  
Timber heavy Pine - Sec. 5 - 1/4

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N. end of random line bet - Secs 4 & 5  
Pa  $13^{\circ} 48' E$ .

40.00 Set temporary 1/4 Sec. Cor.  
80.21 Intersect the N. boundary line  
of the township 38 lbs E of  
the Cor. to Secs 4, 5, 32 and 33  
which is a sand stone

12 x 7 x 5 - ins above ground marked  
with 4 notches on E & 2 notches  
on W edges & mound of stone  
alongside from which a  
Iron pipe 11 ins diam. brs N  $5-6^{\circ} E$

T. 19 N. R. 9 E.

220 lbs dist marked T 20 N  
R 9 E S 33 B T. a Juniper 9  
in diam to N 30° W 196 lbs dist  
marked T 20 N R 9 E S 32 B T

Thence I run

S 00° 16' E. on a true line bet.

Secs 4 and 5 with same Pa.

40.21 Set mulpin's stone 15+10+8 is  
10 ins in the ground for 1/4 Sec  
Cor marked 1/4 on N. face &  
raised a mound of stones  
alongside

To trees of proper size with  
limits

74.80 Top-descent slope



T. 19 N. R. 9 E.

80.21 + 140 feet - below top  
 This cor. to Secs 4, 5, 8 and 9  
 Laurel Blower Mountains  
 Soil rocky - 4<sup>th</sup> rock -

Timber Pine & cut oak

May 19 1885 - Geo. A. Curtis's  
 Surveyor

I carefully examined my instrument today and  
 found it to be in perfect adjustment.

From the cor. to Secs. 5-6. 31  
 and 32 and the S. boundary  
 line of the township which  
 is a Post 4 in sq  
 marked T 19 N. S 32 on N, E  
 R 9 E S 5 on S, E  
 T 18 N. S 6 on S, W &  
 S 31 on N, W faces  
 with 5 notches on

# S. 19 N. R. 9 E.

- E and 1 notch on W edges, and mound of stone around post from which, a yellow pine 24 ins diam bro N 70° E 76 lbs dist marked 719 N. R. 9 E. S 32 B. I.
- a yellow pine 40 ins diam bro S 20° E. 19 lbs dist marked 718 N. R. 9 E. S 5 B. I.
- a Gum oak 12 ins diam bro S 70° W. 43 lbs dist marked 718 N. R. 9 E. S 6 B. I.

## April 1st. Sat. - Secs. 31 and 32

- 40.00 Sat - mulpinis stone 10 + 10 + 6 ins <sup>W. 13° 50' E</sup> 7 ins in the ground for 1/4 Sec. Cr. marked 1/4 on N. face and raised a mound of stone alongside - from which a Pine 27 ins diam bro. S 45° E 15 lbs dist - marked 1/4 S. B. I.
- a Pine 12 ins diam bro S 73° W 66 lbs dist - marked 1/4 S. B. I.
- 54.00 Trail bro E + W.

## T. 19 N. R. 9 E

80.00 Set maul pins stone 10 + 4 + 6 in  
pins in the ground for Cor. to  
Secs. 29, 30, 31 and 32

marked with 1 notch on the  
S. and 5 notches on the E.  
edges, and raised a mound  
of stone along side - from which  
a Pine 24 in diam hrs N 40° W  
61 lks dist - marked T. 19 N  
R. 9 E. S. 30 B. T

A Pine 16 in diam hrs N 60° E 86 lks dist  
marked T. 19 N. R. 9 E. S. 29 B. T.

A Pine 25 in hrs S 71° E 89 lks dist  
marked T. 19 N. R. 9 E. S. 32 B. T.

A Pine 18 in. hrs S. 23° W. 85 lks  
dist marked T. 19 N. R. 9 E. S. 31 B. T.

Land high, rolling



S. 19 N. R. 9 E

Soil rocky - 4<sup>th</sup> rate  
Timber heavy Pine - some oak

Could prolong line bet Secs 29 & 32  
70. 13° 50' E.

40.00 Set temporary 1/4 Sec Cor  
80.10 Intersect N. and S. line 14 lbs  
N. of the Cor. to Secs. 28, 29 32 + 33  
Thence S. 70°

N. 89° 54' W out at true line  
bet Secs 29 and 32 with some  
variation

19.00 Cross road from Marmou Lake to  
Flagstaff has N 15° W to S 15° E

40.05 Set mulpais stone 10 + 10 + 6 ins  
7 ins in the ground for 1/4 Sec Cor

Fig 4 R. g. E.

marked  $\frac{1}{4}$  on N. face and  
raised a mound of stone along side.

On Oak 10 ins diameter  $N 85^{\circ} W$

21 lbs dirt marked  $\frac{1}{4}$  S. B. J.

On oak 12 ins diameter  $N 16^{\circ} E$

60 lbs dirt marked  $\frac{1}{4}$  S. B. J.

80.10 The Co. to Secs 29, 30, 31 & 32

Land high rolling

Soil rocky - 4 to 6 ft

Timber heavy pine & oak

Fig. N. R. & Co.

At. on a pondous line bet Secs 30 & 31

N  $13^{\circ} 50' E$

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

79.82 Intersect the N. boundary line  
of the township 14 lks N. of the  
Co. to Secs 25, 30, 31 and 36

which is a Post - 3 ins sq  
properly marked in a mound  
of stone, from which  
a pine 25 ins diam br N  $2^{\circ} W$  10 lks

"	"	24	"	"	"	N $3^{\circ} E$ 7	"
"	"	23	"	"	"	N $84^{\circ} W$ 21	"
"	"	20	"	"	"	S $20^{\circ} E$ 102	"

Thence I run

N  $89^{\circ} 54' E$  on a true line bet -



85  
BOOK 313  
T. 9 N. R. 9 E

Secs 30 and 31 with some Va

39.82 Set malpais stone 10+8+7 in  
7 in in the ground for  $\frac{1}{4}$  Sec 1  
Cor marked  $\frac{1}{4}$  on N face and  
raised a mound of stone  
alongside. From which  
a Pine 10 in diam brs to 40' E  
2 lks dist marked  $\frac{1}{4}$  S. B. S.  
An oak 10 in diam brs S 24 N. 30  
lks dist marked  $\frac{1}{4}$  S. B. S.

79.82 This Cor to Secs 29, 30, 31 and 32  
Land high rolling  
Soil rocky - 4<sup>th</sup> rate  
Timber heavy Pine & oak

T. 19 N. R. 9 E

N. 1st Secs. 29 and 30

T. 130 30 E

40.00 Sit mulpais stone 10 + 9 + 8 in  
7 in in the ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  on W. face and raised  
a mound of stone along side - From which  
a Pinet, is diam hrs. S. 80° W. 76 lbs  
dist marked  $\frac{1}{4}$  S. B. T.

An oak 10 in diam hrs. S. 83° E  
70 lbs dist marked  $\frac{1}{4}$  S. B. T.

80.00 Sit mulpais stone 12 + 10 + 7 in  
8 in in the ground for Cor to Secs  
19. 20. 29 and 30 marked  
with 2 notches on the S. and  
5 notches on the E. edges and  
raised a mound of stone  
along side - From which

T. 19 N. R. 9 E

A Pine 40 ins diam bet S 19° E 102 lks  
dist marked T. 19 N. R. 9 E. S. 20 B.T.

A Pine 30 ins diam bet S 30° E,  
63 lks dist - marked T. 19 N. R. 9 E. S. 29 B.T.

A Pine 34 ins diam bet S 86° W. 144 lks  
dist marked T. 19 N. R. 9 E. S. 30 B.T.

A Pine 6 ins <sup>diam</sup> bet N 40° W. 150 lks dist  
marked T. 19 N. R. 9 E. S. 19 B.T.

Land high rocky  
Soil - 4<sup>th</sup> rock -

Timber heavy Pine, Scot. oak

E. on a random line bet Secs.  
20 and 29

In 13° 48' E

40:00 S. A temporary 1/4 Sec Cor



T. & R. P. & E.

80.00 Intersect N. and S. line 9 lks  
N. of the Cor to Secs 20, 21, 28 & 29  
thence S. run

N. 89° 36' W. on a true line  
bet Secs 20 and 29 with corner Pa.  
bet cond

18.00 Road to Flagg's bluff bet. N. & S

20.00 Mark 10 lks wide course N. 18° E.  
70 feet below Sec Cor.

40.00 Set malpais stone 12 + 10 + 6 ins  
Eins in the ground for 1/4 Sec  
Cor marked 1/4 on N. line and  
raised a mound of stones  
along side: - From 2 which?  
A Pine 26 ins diam bet N. 45° E  
160 lks dist - marked 1/4 S. B. T.  
A Pine 16 ins diam bet S 5° W. 190



## T. 19 N. R. 9 E.

a pine	36	in diam	br	N 55° E	104 lbs	dist
" "	38	" "	" "	S 27° W	100 "	"
" "	36	" "	" "	S 42° E	203 "	"
" "	34	" "	" "	N 24° W	132 "	"

Then cut a run

N 89° 53' E. on a true line bet -  
Sec 19 and 30 with same Va

39.78 Set malpais stone 10 + 10 + 6 in  
7 ins in the ground for 1/4 Sec  
C or marked 1/4 on A. place and  
raised a mound of stone along side  
A Pine 16 in diam. br. N 12° W. 42 lbs  
dist marked 1/4 S B. J.

A Pine 14 in diam - bro S. 80° W 120 lbs  
dist marked 1/4 S B. J.



T. 19 N. R. 9 E.

79.78 The cor to Sec 19, 20, 29 & 30  
Land rolling w. chg  
Sec 4<sup>th</sup> rule

Timber heavy Pine some oak

May 20 1885

J. C. Powers  
N. S. Deputy Surveyor,

N. 1/4 Sec 19 and 20

1/4 13° 48' E

40.00 Set Malpais stone 10 + 10 + 8  
ins pins in the ground for  
1/4 Sec Cor. marked 1/2 on  
N face and raised a  
mound of stone along side  
A Pine 36 ins diam tree N 60° W  
90 lbs dia - marked 1/4 S B. T.  
A Pine 34 ins diam tree N 80° E  
189 lbs dia - marked 1/4 S B. T.

T. G. N. R. & E.

80.00 *L. sulphur* storm 16+10+7 ins  
 11 ins in the ground for cut to  
 Secs. 17, 18, 19 and 20 marked  
 with 3 notches on the S. and  
 5 notches on the W. edges and  
 raised a mound of storm along side  
 A Pine 36 ins diam hrs N 86° E 97 <sup>dist</sup> 24  
 marked T. G. N. R. & E. S. 17 B. L.  
 A Pine 40 ins diam hrs N 60° W. 129 lbs  
 dist marked T. G. N. R. & E. S. 18 B. L.  
 A Pine 30 ins diam hrs S 87° W 35 lbs  
 dist marked T. G. N. R. & E. S. 14 B. L.  
 A Pine 14 ins diam hrs S. 28° E. 114 lbs <sup>dist</sup>  
 marked T. G. N. R. & E. S. 20 B. L.  
 Land high rolling  
 Soil rocky - 4<sup>th</sup> rate  
 Timber heavy pine

T. 19 N. R. 9 E.

Cor on a random line bet Secs 17 and 20  
 2a  $13^{\circ} 50' E$

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

80.07 Intersect N. and S. line of the  
 Cor to Secs 16, 17, 20 and 21  
 Thence I pin N. on a true  
 line bet Secs 17 and 20 with  
 some variation

40.03 Set iron pipe stone 10 + 10 + 8 in's  
 7 in's in the ground for  $\frac{1}{4}$  Sec  
 Cor marked  $\frac{1}{4}$  on N. face and  
 raised a mound of stone alongside  
 A Pin 22 in's diam bet N.  $15^{\circ} E$   
 29 lks dist - marked  $\frac{1}{4}$  S. B. T.  
 A Pin 30 in's diam bet S.  $50^{\circ} E$   
 29 lks dist - marked  $\frac{1}{4}$  S. B. T.

80.07 This Cor to Secs 17, 18, 19 and 20



T. 19 N. R. 2 E.

Land high rolling  
Soil rocky & timber -  
Timber heavy Pine, some oak

W. on a random line bet Secs 18 & 19  
70° 13' 50" E

40.00 Set temporary 1/4 Sec cor  
79.76 intersect the W. boundary line  
of the township at the cor to  
Secs 13, 18, 19 & 24 which is a  
post 3 ins dia in end of stones  
properly marked, from which  
a pin 2.6 ins diam brs S 70° W  
343 lks dist

Sig. R. 9 E.

Thence Spruce

E. on a true line bet - Dec 18 & 19  
with some variation

39.76 Sit-mulpa's stone 10+9+8 ins  
7 ins in the ground for  $\frac{1}{4}$  Sec  
C or marked  $\frac{1}{4}$  on N. face and  
raised a mound of stone along side

A Pine 36 ins diam bet S.  $84^{\circ}$  E  
142 lbs chis - marked  $\frac{1}{4}$  S. B. T.

B Pine 18 ins diam bet S.  $70^{\circ}$  or  $92^{\circ}$  E  
dist marked  $\frac{1}{4}$  S. B. T.

53.50 Pine tree 30 ins diam

T. 19 N. R. 9 E.

79.76 Sub Cor to Secs 17, 18, 19 and 20  
Land high rolling  
Soil rocky - 4 to 6 in  
Timber heavy Pine - some oak.

A. Sub. Secs 17 and 18  
va 130° 50' E

- 40.00 Set malpais stone 20 + 18 + 18  
14 in in the ground for 1/4 Sub Cor  
marked 1/4 on N. face and raised  
a mound of stone along side  
A. Pine tree 24 in diam less S 89° W  
200 lbs dist marked 1/4 S B. T.
- A. Pine 7 in diam less S 87° E 195-  
lbs dist marked 1/4 S B. T.
- 44.00 Clear Timber -



T. 19 N. R. 9 E

80.00 Set-mulchis stone 12 + 9  
+ 6 in 8 in in the ground  
for Cor to Secs. 7, 8, 17 and 18  
marked with 4 notches on the  
S. and 5 notches on the E  
edges and raised a mound  
of stone alongside

Land high rolling rocky  
Soil 4 to 6 in

Timber 5/8 heavy Pine  
1/2 scattering Pine & cedar

May 20 1885

For A. Curtis  
Compassman

## T. 19 N. R. 9 E

Run a random line bet Secs 8 & 17  
 by  $13^{\circ} 48' E$

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

79.89 Intersect N and S line 29  
 lks S. of the Cor to Secs 8, 9  
 16 and 17

Thence I run

S.  $89^{\circ} 48\frac{1}{2}'$  W. on a true line  
 bet Secs 8 and 17 with some  
 variation

89.94 Set malpais stone 15+9+8 ins  
 10 ins in the ground for  $\frac{1}{4}$   
 Sec Cor marked  $\frac{1}{4}$  on N  
 face and raised a mound  
 of stone along side. From which  
 A Pine 24 ins diam bet N  
 $10^{\circ} E$  20 lks dist marked  $\frac{1}{4} S$   
 B.S.

T. 19 N. R. 9 E

A Pine 34 ins diameter S 60 W  
40 cks dist - marked  $\frac{1}{4}$  S. 13.7

43.00 Cross mark 10 cks with  
10 feet deep course N 10° E

47.00 Lared timber

79.89 This Cr to Secs 7, 8, 17 & 18  
Land high rolling, rocky  
Soil + + + + +

Timber 2, portion heavy Pine  
W. part scattering,

N. on W random line bet -  
Secs 7 and 18

Ya 13° 48' E

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

79.35 - intersect the N. boundary



T. 19 N. R. 9 E.

line of the township, 12 chs  
 S of the cor. to Secs 7, 12, 13 & 18  
 which is a post 3 ins sq  
 properly marked in mound  
 of stones, from which  
 a pin 29 ins diam brs  $S 42^{\circ} E$  187 chs dist  
 " " 26 " " "  $N 23^{\circ} E$  257 " "  
 " " 30 " " "  $S 22^{\circ} W$  314 " "

Thence I run  
 $S 89^{\circ} 55' E$  on a true line

99  
T. G. N. R. 9 E.

bet Secs. 7 and 18 with  
same variation

39.35 - Set maulpauis stone 15 + 10 + 4<sup>1/2</sup>  
10 ins in the ground for 1/4 Sec  
for marked 1/4 on its face &  
raised a mound of stone along side

79.35 - Set for to Secs 7, 8, 17 and 18  
Land high rolling  
Soil rocky - 4 to 6 rods  
Timber scattering Pine oak

T. 9 N. R. 9 E

N. bet Secs 7 and 8  
T. 9 N. 13<sup>0</sup> 48' E.

40.00 Set maulpoin stone 13+10+9 ins  
9 ins in the ground for Hole  
Cor marked 1/4 SW of face and  
raised a mound of stone  
alongside.

80.00 Set maulpoin stone 14+9+6 ins  
10 ins in the ground for Cor to  
Secs 5, 6, 7 and 8 marked  
with 5 notches each on the  
S. and E edges and raised  
a mound of stone alongside.

A Pine 24 ins diam hrs S 43<sup>0</sup> W 100 lbs  
dist. marked T. 9 N. R. 9 E S 7 B. T.

A Pine 34 ins diam hrs S 20<sup>0</sup> W 120 lbs  
dist. marked T. 9 N. R. 9 E S. 6 B. T.



T. 19 N. R. 9 E.

No other trees of proper size  
within limits

Land high rolling

Soil rocky - 4<sup>th</sup> rate

Timber Pine + Scar. oak,

E. on a random line bet Secs 5 + 8

True  $13^{\circ} 47' E$

40.00 Set temporary  $1/4$  sec cor

79.88 Intersect - a and S line 19

cks S of the Cor to Secs

4, 5, 8 and 9

Then cut S run

S.  $89^{\circ} 52' N$  on a true line

bet Secs 5 and 8 with same

# L. g. N. R. g. E.

- 2.00 Commenced to descend from top of Ridge hrs. N. & S.
- 15.00 Entered timber
- 25.00 Bottom-valley - 200 feet below top of ridge.
- 39.94 Set-mulpha's stone 14 + 10 + 8 ins 10 ins in the ground for 1/4 Sec  
 Car marked it on N. face and raised a mound of stone alongside.
- 51.60 Road to Flag staff hrs. + 40° N
- 52.40 Walk 10 hrs with course N. W.  
 Enter timber
- 79.88 Had car to Secs 5, 6, 7 and 8  
 Land broken mountainous  
 Soil 4 to 6 ft -  
 Timber scattering Pine oak

T. 19 N. R. 9 E

N. end of random line bet Sec 6 & 7.

To  $13^{\circ} 47' E$

40.00 Set temporary 1/4 Sec Cor  
78.52 intersects the N. boundary

of the township 15-els S of  
the Cor to Secs 6, 7 and 12

which is a post 3  
ins of properly marked  
in mound of stones  
from which

a pin 24 ins diameter N  $80^{\circ} W$  97.163 dist

" " 23 " " " N  $48^{\circ} E$  143 "

" " 20 " " " S  $9^{\circ} E$  180 "

" " 22 " " " S  $52^{\circ} W$  232 "



T. 19 N. R. 9 E

Thence I run

S. 89° 05' 4" E. in a true line  
 bet. Secs. 6 and 7 with  
 some variation

3882 Set mulpis stone 16 + 10 + 5 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 along side

71.20 Pine tree 24 ins diam

78.82 Thence to Secs 5, 6, 7 and 8

Land high rolling rocky  
 Soil stony 4 to 6 in

Timber Pine & oak - oak

T. 19 N. R. 9 E

N. on a remeasure line bet Sec 5 & 6

7<sup>th</sup> 13° 47' E

40.00 Set temporary 1/4 Sec Cor

80.12 Intersect the N boundary

41 lks E of the Cor to

Secs 5 & 6. 31 and 32

which is a sand

Stone 12 x 6 x 4 ins above

ground marked with 5

notches on E & 1 notch on

W edges from which

a Janifer 14 ins diam br

S 39° E 245 lks dist marked

T 19 N. R 9 E. S 5-B 1/2

T. 19 N. R. 9 E

Thence I run

S 00° 18' E, bet Secs 5 & 6  
with same variation

35.00 Commence to descend rough  
rocky slope

40.12 Set malpais stone 12 + 10 + 9  
ins 8 ins in the ground for 1/4  
Sec or marked 1/4 on to face  
and raised a mound of stone  
along side

42.50 Wash 200 feet below top of



Sig. A. R. g. E

ridge 2000 ft. with Curran N.W.  
 81.40 Road to Flayotuff has  $+30^{\circ}$   
 80.12 The lot to Lows 5, 6, 7 and 8  
 Road high rolling, mountainous  
 Soil rocky - 4<sup>th</sup> sub -  
 Timber scattering Pine & oak

May 21<sup>st</sup> 1885

R. C. Powers

W. S. Supt. Surveyor

I carefully examined my  
 instrument to-day and found  
 it to be in perfect adjustment.

L. 19. N. R. 9. E

General Remarks.

The township lies on the west, easterly slope of the Mogillon Mountains draining into the Little Colorado river.

The western and western portions of it are covered with heavy yellow pine valuable for timber. There is also some scattering oak and cedar.

The S. E. portion is covered with excellent blue joint and bunch grasses.

The surface partakes of the nature of the Mogillon Country generally and is more or less covered with volcanic rock.

109  
BOOK 516  
J. 19 N. R. 9 E.

It is valuable chiefly  
on account of its fine  
justices and timber.

R. C. Powers

U. S. L. S.

See final notes in  
book 4. Forwarded  
to Washington.



U. S. Surveyor General's Office,

Tucson, Arizona, Nov- 21 1885

The foregoing Field Notes of the Survey of the

Subdivision of  
Township 19 North  
Range 9 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by R. B. Powers, U. S.

Deputy Surveyor, under his contract of the 21<sup>st</sup>

day of February, 1885, having been

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

are hereby approved

Royal Johnson  
Surveyor General.