

Rec<sup>d</sup> May 31, 1892  
copied.  
compared.  
Plotted

BOOK 391

712

Sent. to G.L.O. 11/19/92

Survey approved

July 28, 1893

No 391

4-671

See Book 370  
for remainder  
of this Tp.  
and Index

391

FIELD NOTES

~~GENERAL LAND OFFICE~~ BOOK 391

of the

Subdivisions

of Tp. 21 N. R. 1 E

by Francis B. Jacobs, U.S.D.S.

Under Contract 17, dated May 25, 1891

Survey commenced Aug. 14, 1891

completed Aug. 27, 1891

RETRACED IN 1/4 E.B. 21 N R. 1 E.

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## BOOK 391

See Bk 370

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Resurvey line bet.1-6 T<sub>2</sub> 2114 R<sub>2</sub> 182 E

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Township 21 N R. 1 E

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## Subdivision L21 - A. Pt. E.

6.60 Road brs S. 70° E and N. 70° W.

8.50 Wash Course A. E.

9.80 Cor. to secs. 15-16-21-22.

Land E. rolling, N. level.

Soil 2nd rate.

Timber - Pine and Juniper.

A. 00° 02' N, bet. secs 15 and 16.

Var. 14° 47' E.

0.00 Enter Timber.

4.44 Road brs S. 75° E and N. 75° W.

Double log cabin br. S. 65° 00' W.

9.50 Wash course A. W. 2 chs. A. W. of line

Wash turns S. W.

0.50 Road br. A. E. and S. W.

40.00 Set Malpais stone <sup>in mound of stone</sup> 24 x 12 x 6 ins. 1 1/2 ft high, 3/4 ft base, for 1/4 sec cor. Marked 1/4 on N. face, raised mound of stone



## Subdivision T. 21 N., R. 1 E.

chains

2 ft high 3 ft base alongside.

(Ground too rocky to admit stone.)

~~Very rough~~

A fine 30 in. diam. br. N. 53° 00' E

89 lbs. dist. I mark  $\frac{1}{4}$  S. B. T.

A fine 20 in. diam. br. S. 82° 30' W.

162 lbs. dist. I mark  $\frac{1}{4}$  S. B. T.

Key spring br. N. 30° E.

5-5-00

Leave timber-cut in basin or dry  
lake.

80-00

Set post 4 ft long 5 in. square 12  
in. in the ground for cor. to sec.  
9-10-15 and 16.

Marked T. 21. N. S 10 on N. E

R. 1 E. S. 15 on S. E. S 16 on S. W.

and S 9 on N. W. face

With 4 notches on S and 3 on

E. edges, and raised mound  
of stone  $\frac{1}{2}$  ft high 4 ft base around  
post - Pits impracticable

Subdivision T 21 N. R. 1 E.

hours

No trees within limit  
Land gently rolling.  
Soil 2<sup>nd</sup> rate  
Timber - Pine.

August 19<sup>th</sup> 1891

East on random line bet. secs  
10 and 15.

Var.  $14^{\circ} 47' E$ .

40-00 Set temporary  $\frac{1}{4}$  sec cor.

00-00 Intersect A and S sec. lines at Cor  
to secs 10-11-14 and 15.

Thence I run west on true line  
bet secs 10 and 15.

Var.  $14^{\circ} 47' E$

Over level ground.

40-00 Set on a fair stone  $18 \times 10 \times 6$  in  
in mound of stone  $1\frac{1}{2}$  ft high  
(ground to rocky to admit stone)

## Subdivision 21 A. R. 1 E

chain

$3\frac{1}{2}$  ft base for  $\frac{1}{4}$  sec cor.

Marked  $\frac{1}{4}$  met. face, raised mound  
of stone  $\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft base along side  
from which -

An oak 5 in. diam. br st.  $22^{\circ}40'$

E. 141 lbs dirt. Mark.  $\frac{1}{4}$  S. B. T.  
*Rtg impracticable*

No other tree within limit,

57-00 Enter timber - Descend,

67-00 Bottom of descent.

68-00 Leave timber.

69-00 Road br stand S.

The eye spring with life and  
watering troughs br S  $21^{\circ}00'$  E.

80-00 Cor. to secs 9-10-15 and 16

Land mostly level

Soil 1st and 2nd rate

Timber - Pure Oak and Juniper.



## Subdivision T. 21 N. R. 1. E.

chain

N 00° 02' W. bet secs. 9 and 10

Var 14° 44' E

20.00 Enter timber.

22.00 Descend gently.

40.00 Wash course S. 20° E.

Set malpais stone 30 x 12 x 8 in. in  
mound of stone 2½ ft high 5 ft base,  
for ¼ sec. cor. Marked ¼ on N. face  
(ground so rocky to admit stone)

Raised mound of stone 2 ft high 3 ft  
base along side.

From which-

A pile 30 in. diam. br. N. 60° 15' E  
146 lbs dist. Marked ¼ S. B. T.

A pile 30 in. diam. br. N. 62° 50' W.  
85 lbs dist. Marked ¼ S. B. T.

45.50 Road br S. 10° E and N. 10° W.

77.00 Ascend gently.

Subdivision T21 N. R. 1 E

chains

65.00

Top of ascent

72.00

Descend

73.30

Gulch. course S. 60° W. Ascend

77.86

Atlantic and Pacific railway.

br S 35° E. and N. 35° W.

78.75

Western Union Telegraph line.

Parallel to railway

80.00

Set malpais stone 28 x 12 x 8 ins

21 ins. in the ground for cor to

secs 3-4-9 and 10. Marked

with 5 notches on S. and 3 notches

on E faces, and raised mound

of stone 2 ft high 3½ ft base

along side. (To be impracticable)

From which -

A Jennifer 12 ins diam br

S 47° 30' E. 144 lbs dirt. Marked

T21 N. R. 1 E S 10 B. T.



Subdivision T 21 N. R. 1 E.

0.00 A line 16 miles diam.  $\text{Bearing } 36^{\circ} 21'$   
N, 135 lbs dist, Marked

T 21 N. R. 1 E. S 4 B. T

No other trees within limit

Land rolling

Soil 3rd rate

Timber - Pine, Juniper and  
Oak. Underbrush oak.

East on a random line between 3 & 10

Var  $14^{\circ} 47' E$ .

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

0.04 Subdirect A and S sec line at cor  
to secs 2-3-10 and 11

Thence S run

West on a true line between 3 & 10

Var  $14^{\circ} 47' E$

3.00 Descend.

Subdivision L<sub>2</sub> A. B. 1 E

chains.

25.00

Enter timber

40.02

Set malpais stone 14 x 12 x 8 ins.  
9 ins in the ground for 1/4 sec  
cor. Marked 1/4 on N. face

Raised mound of stone 2  
ft high. 3 ft base along side  
From which -

A Juniper 16 ins. diam.

In N. 85° 00' E. 257 lbs dist. Marked

1/4 S. B. T.

No other tree within <sup>its impossibly</sup> limit<sub>n</sub>

52.00

Road In N. 20° E. and S 20° W.

North course S. Turn

S. W. 5 chs S. of line.

56.50

Ascend

61.20

Atlantic and Pacific railway

In N. 37° 30' E 8° curve to

Left going W.

## Subdivision Twp. N. R. 1 E.

15- Western Union Telegraph line  
runs parallel to railway.

00 Descend.

04 Cor to recs 3-4-9-10

Land rolling

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

Timber - Pine and Juniper  
Live oak brush.

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A. 00° 02' N. on a random line.

Set recs 3 and 4.

Var 14° 44' E.

00 Set temporary 1/4 sec. cor.

17 Intersect N. boundary of  
Township at 28 lbs East of  
cor. to recs. 3-4-33+34.

Thence I run

S 00° 14' E. on true line det.



## Subdivision 21 A. N. 1 E

chains.

Secs 3 and 4

Var  $14^{\circ} 47' E$ 

Ascend gently.

6.00 Top of ascent.

42.17 Set Malpais stone  $28 \times 16 \times 8$  ins.  
in mound of stone 2 ft high 5 ft  
bare, for  $\frac{1}{4}$  sec. cor. Marked  $\frac{1}{4}$  on  
N. face.

(Ground too rocky to admit stone)

From which a Juniper 16 ins. diam  
br S  $77^{\circ} 20' E$  99 lbs dist. Marked  $\frac{1}{4}$

S. B. T.

A Juniper 16 ins. diam. br S  $33^{\circ} 10' N$ .  
41 lbs dist. Marked  $\frac{1}{4}$  S. B. T.

44.50 Descend.

57.00 Bottom of descent.

Ascend.

67.00 Top of ascent

Subdivision 221 A. B. 1 E.

chain  
69.00

Descend

82.17 Cor to recs 3-4-9 and 10

Land N.  $\frac{1}{2}$  level S.  $\frac{1}{2}$  rolling.  
Soil 3rd rate

Timber, Juniper and  
scattering pine.

August 20-1891.

From the standard cor. to recs.  
32 and 33, <sup>on the S. side of the T<sub>11</sub></sup> being a Malpais stone  
marked and witnessed, as described  
in the field notes furnished by the  
Surveyor General.

I run

N. 00° 02' W. bet recs 32 and 33

Var 140° 47' E

31.00 Descend into deep gulch SW.

40.00 Set Malpais stone 18 x 12 x 6 ins.

168  
74 76

Subdivision T 21 N. R. 1 E

ch chains

12 ins. in the ground for 1/4 sec cor  
Marked 1/4 on N. face. Raised  
mound of stone 2 ft high 3 ft base  
along side.

From which a juniper 24 ins.  
diam brs S 24° 15' E 92 lbs dist.

Marked 1/4 S. B. T.

A fine 12 ins diam. brs N. 69° 45' W.  
145 lbs dist marked 1/4 S. B. T.

42.30 Bottom of gulch 100 ft deep.  
Course S 65° W. Ascend

78.61 Bluff 15 ft high brs E and W.  
Top of N. side of gulch.

63.00 Descend

72.00 Bottom of descent - Ascend

80.00 Set Malpais stone 24 x 14 x 8 ins  
18 ins in the ground for cor to  
secs 28-29-32 and 33. Marked



## Subdivium T 21 N. R. 1 E.

main

with one notch on S. and 4 on E. faces  
 Raised mound of stone 27 ft high,  $3\frac{1}{2}$  ft  
 base alongside

From which a Juniper 36 ins. diam.  
 brs at  $18^{\circ} 15'$  E. 74 lbs dist. Marked

T 21 N. R. 1 E. S. 28 B. T.

A Juniper 24 ins. diam. brs S  $75^{\circ} 30'$   
 N. 168 lbs dist. Marked —

T. 21 N. R. 1 E. S 32 B. T.

A Juniper 20 ins. diam. brs at  $34^{\circ}$   
 $00'$  N. 74 lbs dist. Marked —

T. 21. N. R. 1 E S 29 B. T.

No other tree within <sup>it to be impracticable</sup> limit

Land broken and rocky

Soil 3rd rate

Similar Juniper Pine and ~~Ced.~~

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Cast on random line

Subdivision T21 St. N. 1 E.

chains.

bet. secs 28 and 33-

Var.  $14^{\circ} 47' E.$

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

79.68 Intersect st. and S. sec line at  
20 chs N. of cor. to secs. 27-28-33 & 34

Thence S run

$S. 89^{\circ} 51' W.$  on true line

bet secs 28 and 33-

Var  $14^{\circ} 47' E.$

Descending very gently

13.00 Enter timber by St. E. and S. E.

339.69 Pile 24 ins diam. on line, on E & W side  
marked with 2 watches

39.84 Set malpais stone  $14 \times 10 \times 6$  ins

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

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

Raised mound of stone  $\frac{1}{2}$  ft high

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

From which a

## Subdivision 21st. R. 1 E.

chain	Pine 20 ins. diam. In A. $48^{\circ} 30' E.$ 27 lbs dist. Marked $1/4$ S. B. T.
	A Pine 20 ins diam. In S. $16^{\circ} 00' N.$ 72 lbs dist. Marked $1/4$ S. B. T.
44.00	Wash course S. Ascend.
64.00	Tof of ridge In S.E. and N.W.
69.00	Descend.
79.68	Cor to recs 28-29-32 and 33 Land rolling Soil $E \frac{1}{2}$ 2nd $N \frac{1}{2}$ 3rd rate. Timber. Pine Juniper and Oak.
	<hr/>
	A. $00^{\circ} 02' N.$ bet recs 28 and 29 Var $14^{\circ} 47' E.$
8.50	Tof of ridge In S.E. and N.W.
0.00	Descend
37.00	Leave Timber.
40.00	Set post 4 ft long $3 \frac{1}{2}$ ins. diam 12



## Subdivision T 21 S. R. 1 E.

chain.

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

raised mound of stone  $1\frac{1}{2}$  ft high  
 $3\frac{1}{2}$  ft base around foot.

No trees within limit <sup>Pits</sup> impracticable

80.00 Set malpais stone  $22 \times 12 \times 6$  ins. 15-  
ins. in the ground for cor to secs.

20-21-28 and 29. Marked with  
2 notches <sup>on S.</sup> and 4 on E faces.

And raised mound of stone 2 ft high  
4 ft base along side.

No trees. Pits impracticable

Land gently rolling.

Soil sand rate.

Under. Pine Juniper and brush.

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Cast on a random line.  
bet secs 21 and 28

Subdivision T<sub>1</sub> of P<sub>1</sub> E<sub>1</sub>

chain

Var 14° 47' E.

0.00 Set temporary 1/4 sec cor.

9.84 Intersect N. and S sec line at the  
cor. to secs. 21-22-27 and 28.

Thence I run N. on true  
line bet secs 21 and 28

Var 14° 47' E.

39.92 Set nail fair at one 18 x 14 x 6 in.

12 in. in the ground, for 1/4 sec  
cor. Marked 1/4 on N. face

Raised mound of at one 1/2 ft high  
3 1/2 ft base alongside.

No trees <sup>within grant</sup> Pk. unpractical.

66.00 Descend wooded ridge

74.00 Bottom of wooded ridge,

79.84 Cor to secs 20-21-28 and 29

Land gently rolling

Soil rocky 3rd rate

Timber very little Pine - Oak.

## Subdivision 21 A. B. 1 E.

chain

N.  $00^{\circ} 02'$  W. bet secs 20 and 21  
 Var  $14^{\circ} 47'$  E.

31.15 Road br A. E. and S. W.

40.00 Mark course S.  $65^{\circ}$  W.

Set malpais stone  $24 \times 18 \times 10$  ins.  
 18 ins. in the ground for  $\frac{1}{4}$  sec  
 cor. marked  $\frac{1}{4}$  on N. face.

Raised mound of stone 2 ft high  
 $3\frac{1}{2}$  ft base alongside.

No trees. Pits infracticable

57.70 Road br E and W.

80.00 Set malpais stone  $18 \times 12 \times 12$  ins.  
 in mound of stone 2 ft high 4 ft  
 base for cor. to secs 16-17-20 and 21

Marked with 3 notches on S and  
 4 on E faces. (Ground too rocky to  
 admit stone.) Pits infracticable.

Land level



Subdivision T21 N. R. 1 E

main.

Soil 2<sup>nd</sup> and 3<sup>rd</sup> rate  
No timber.

East on random line bet secs  
16 and 21

Var  $14^{\circ} 47' E$ .

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

1.72 Intersect N. and S. sec. line at  
25 lbs N. of cor. to secs 15-16 - 21 and 22

Thence S. run

N.  $89^{\circ} 50' N$  <sup>on a true line</sup> bet secs 16 and 21

Var  $14^{\circ} 47' E$

- Enter timber

6.00 Descend

2.00 Road br N. E and S. W.

Double log cabin br N.  $55^{\circ} E$

Center of reservoir br N.  $42^{\circ} E$ .

Small enclosure just N.E. of cabin.

Subdivision S<sub>21</sub> T. N. 1 E.

chains

Leave Timber

26.60 Mark course S. W.

39.86 Set malpais stone 16x10x8 ins 12  
ins. in the ground for  $\frac{1}{4}$  sec cor  
Marked  $\frac{1}{4}$  on N. face. raised  
mound of stone 2 ft high 3 ft base  
alongside. Pits impracticable

79.72 Cor to sec 16-17-20 and 21

Land gently rolling  
Soil 1<sup>st</sup> and 3<sup>rd</sup> rate  
Timber. Pine undergrowth oak.  
August 21, 1891.

N. 00° 02' W. bet sec 16 and 17

Var 140° 47' E.

Ascend gently.

40.00 Set malpais stone 30x12x4 ins  
in mound of stone 2 ft high 5 ft

Subdivision L2/A. R. 1 E.

base for  $\frac{1}{4}$  sec cor. Marked  $\frac{1}{4}$  in W face. (Ground too rocky to admit stone.) From which -

A Pile 14 in. diam. br N 57° 30' E. 93 lbs dist. Marked  $\frac{1}{4}$  S. B. T.

A Pile 10 in. diam. br S 63° 20' E. 150 lbs dist. Marked  $\frac{1}{4}$  S. B. T.

Enter timber

1.50 Descend

9.00 Bottom of descent

2.00 Ascend

5.00 Top of ascent. descend

0.00 Set malpais stone 22 x 14 x 10 near 15 in in the ground for cor to sec 8-9-16 and 17. Marked with 4 notches on S and 4 notches on E faces - raised mound of stone 2 ft high 3 ft base alongside.



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Subdivision T 21 N. R. 1 E.

chains

From which -

A fire 80 diam br N. 6° 00' E.  
18 lbs dist - Marked

T. 21 N. R. 1 E. S 9. B. T.

A fire 30 ins diam br S 6° 30' E  
135-lbs dist - Marked

T. 21 N. R. 1 E. S 16 B. T.

A fire 26 ins diam br S. 16° 45' W.  
121 lbs dist - Marked -

T. 21 N. R. 1 E S. 17 B. T.

A fire 30 ins diam br N. 66° 45' W.  
139 lbs dist marked T. 21 N. R. 1 E

S. 8. B. T.

Land rolling

Soil rocky 3rd rate

Timber - Pine - Oak - Juniper.

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## Subdivision Sect. P. 1 E

chain.

Start on a random line bet  
secs 9 and 16.

Var  $14^{\circ} 47' E$

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

19.65 Intersect Rand Sec. line 14  
thru N. of cor to secs 9-10-15 and  
16. Hence I run

N.  $89^{\circ} 54' W$ . on true line bet secs  
9 and 16.

Var  $14^{\circ} 47' E$ .

0.00 Ascend gently

2.00 Ascend rocky ridge

9.82 Set malpais stone  $32 \times 20 \times 16$  in.  
in mound of stone 3 ft high 5 ft base  
for  $\frac{1}{4}$  sec cor. <sup>ground too rocky to</sup> <sup>to</sup> <sup>set</sup> <sup>with</sup> <sup>chain</sup> <sup>line</sup> <sup>with</sup>  
face to sec. Pits impracti-  
cable.

1.00 Top of ridge by S E and N. W.

Subdivision Sec. 8. P. 1 E.

chains.

Red knoll 75 ft high S.E. 15 chs.

Descend

51.00 Bottom of descent

58.00 Ascend rocky ridge

63.00 Top of ridge on S.E.  
1 ch. and N.W.

Bluff 12 ft high - Descend

70.00 Bottom of descent

Enter timber.

79.65 Cor to recs. 8-9-16 and 17.

Land rolling and broken  
Soil 3rd rate

Timber - scattering Juniper  
and pine - Oak brush.

N. 00° 02' W. bet recs 8 and 9

Var 14° 47' E.



## Subdivision 21 of R. 1 E

- |       |   |
|-------|---|
| 0.00  | Bottom of descent<br>Leave timber   |
| 7.00  | Enter timber  |
| 10.00 | Set on a fair stone 16x16x6 ins<br>11 ins. in the ground for $\frac{1}{4}$ sec<br>cor. marked $\frac{1}{4}$ on W. side, raised<br>mound of stone 2 ft high 3 ft base<br>alongside. Pits impracticable<br>from which -<br>A pine 36 ins. diam. br S. 74°<br>30° E 233 lbs dist - Marked -<br>$\frac{1}{4}$ S. B. T. No other tree within limit |
| 8.00  | Ascend  |
| 3.00  | Top of ascent   |
| 5.00  | Descend steep rocky hill  |
| 6.00  | Bottom of hill  |
| 78.00 | Reverse course at 25° 00' E<br>Ascend   |

## Subdivision L 21 A. R. 1 E

chain.

80.00

Set malpais stone 24x12x10 ins  
18 ins. in the ground for cor to  
secs 4-5-8 and 9. Marked  
with 5 notches on S and 4 on E faces.  
and raised mound of stone 2 1/2  
ft high 3 1/2 ft base, alongside.  
From which <sup>Rts unpracticable</sup>

A pile 16 ins. diam br N. 49° 00' E.  
37 lbs dirt. Marked -

T. 21 N. R. 1 E. S. 4. B. T.

A pile 18 ins. diam. br S. 50° 15' E.  
106 lbs dirt Marked -

T. 21 N. R. 1 E. S 9. B. T.

A pile 24 ins diam br S 9° 15' W.  
33 lbs dirt - Marked -

T. 21 N. R. 1 E. S 8 B. T.

No other trees within limit.  
Land 1/2 level N. 1/2 broken

NEW REFERENCES BY G. G. CURRY  
William, Ariz.  
See attached diagram - Letter dated 3-19-62

## Subdivision S. 21 N. R. 1 E.

Soil 2nd and 3rd rate  
 Timber - Pine, oak, Juniper.

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East on a random line  
 bet secs 4 and 9

Var  $14^{\circ} 47' E$

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

9.00 Intersect it and S sec line  
 at the cor to secs 3-4-9 and 10.

Thence I run —

West on true line bet secs 4 & 9.

Var  $14^{\circ} 47' E$

-50 "Western Union" telegraph line

In  $S 35^{\circ} E$  and  $N 35^{\circ} W$ .

2.70 "Atlantic and Pacific" railway

In  $S 35^{\circ} E$  and  $N 35^{\circ} W$ .

2.50 Enter wash - course  $W$ .

2.60 Leave wash on  $N 70^{\circ} W$ .



Subdivision L<sub>2</sub> A. R. 1 Echain  
23.06

Ascend

23.75 Bottom of rock bluff 20 ft high

24.90 Top of bluff brs S. E. and N. W.

25.25 Top of ridge Descend

30.00 Bottom of descent Ascend

39.90 Set malpais stone 18 x 16 x 12 ins in  
mound of stone 1 1/2 ft high 4 ft  
base. for 1/4 sec cor. marked  
1/4 on N. face (ground to rocky to admit  
stone) From which -

A juniper 18 ins. diam. brs S. 5-9°  
30' N. 28 lbs dist.

Marked 1/4 S. B. T.

A pine 30 ins. diam. brs N. 67° 15' W.  
129 lbs dist Marked 1/4 S. B. T.

41.00 Top of N. slope of ridge  
2 chs N. of summit.

Descend

## Subdivision L21 N. R. 1 E.

chain.

- 5.00 Prairie course North  
 7.00 Prairie course  $S. 25^{\circ} E.$ ; Ascend  
 9.00 Cor to sec 4-5-8 and 9.

Land broken

Soil 3rd rate

Timber Pine and Oak

Underbrush oak.

~~Set~~

$S. 00^{\circ} 02' N.$  on a random line  
 bet sec 4 and 5-

Var  $14^{\circ} 47' E.$ 0.00 Set temporary  $\frac{1}{4}$  sec. cor.

1.93 Intersect N. boundary line of  
 Township at 45 lbs E of cor  
 to sec 4-5-32 and 33.

Thence  $S. 00^{\circ} 21' E.$  on true line  
 bet sec 4 and 5-

Var  $14^{\circ} 47' E.$

74

Subdivision Lot A. B. & C.

ch

Chambr.

Descend

30.75 Old road brs S.E. and N.W.

41.83 Red rock bluff 8 ft high

Descend

41.93 Set red volcanic stone 40x18x12  
in. in mound of stone 3 ft high  
5-ft base for 1/4 sec cor. marked  
1/4 on N. side. (Ground too  
rocky to admit stone)

From which -

A line 86 in diam. brs S 41°  
30' E 144 lbs dist marked 1/4 S.B.T.

A line 30 in diam. brs S 87°  
45' W. 128 lbs dist. marked  
1/4 S.B.T.

42.75 Creek course S. 65° 00' W.

~~5-4.60 Atlantic and Pacific railway  
brs S. 60° E and N. 60° W.~~



## Subdivision S. 21 N. R. 1 E.

hann  
5.39

- 3.50 "Western Union" Telegraph line  
br S. 60° E and N. 60° W.
- 4.60 Atlantic and Pacific railway  
br S 60° E. and N 60° W.
- 5.39 McCelland side track
- 8.00 Ascend.
- 4.00 Top of ascent on N.E. slope of  
red ridge. Descend.
- 9.60 Juniper 36 in diameter on line  
Marked with 2 notches on N. and S. sides.
- 1.93 Cor to sec. 4-5-8 and 9  
Land rolling  
Soil 3rd rate.  
Timber. Pure Oak and Juniper  
August 22<sup>nd</sup> 1891

Subdivision T<sub>2</sub>S<sub>1</sub>N. R. 1 E.

chains

From the standard cor. to  
recs 31 and 32 on the S boundary  
of the township, which is a mal-  
fair stone, marked and  
witnessed as described in the  
field notes furnished by the  
Surveyor General.

S. Run

N.  $00^{\circ} 03'$  W. between recs 31 and 32Var  $14^{\circ} 47'$  E

Ascend

27.00 Lot of ascent

40.00 Set malfair stone  $24 \times 20 \times 18$   
ins. in mound of stone 2 ft  
high 4 ft base for  $\frac{1}{4}$  sec cor  
marked  $\frac{1}{4}$  on W. face (ground  
too rocky to admit stone) <sup>Practical</sup> impractical.

From which -

## Subdivision S 21 N. R. 1 E.

chain.

A Juniper 36 ins. diam.

brs S.  $39^{\circ}15'$  E 224. lbs dist.Marked  $\frac{1}{4}$  S. B. T.

No other trees within limit.

41.00 Descend.

53.00 Bottom of descent

Gulch course S.  $65^{\circ}00'$  E

Ascend

71.00 Bottom of rock bluff

83.80 Top of rock bluff brs E and W.

96.00 Set Malpais stone 16 x 10 x 8 ins. 10  
ins in the ground for cor to secs

29-30-31 and 32. marked

with 1 notch on S. and 5 on E

faces. Raised mound of stone

2 ft high  $\frac{3}{4}$  ft bare along sides.From which -  
(Pits intractable.)

A Juniper 16 ins diam. brs



Subdivision 21 N. R. 1 E.

chain

N. 34° 30' W. 13.4 chs dist.

Marked T. 21 N. R. 1 E. S. 30 13 T.

No other trees within limit.

Land broken

Soil 4<sup>th</sup> rate

Timber - Juniper Pine and Oak.

---

East on a random line.

Set recs. 29 and 32.

40.00 Set temporary <sup>Var. 14° 47' E.</sup> 1/4 sec cor.

79.90 Intersect N. and S. sec line at cor to  
secs. 28-29-32 and 33.

Thence S run -

Next on true line bet secs 29 and 32.

Var 14° 47' E.

Descend.

8.00 Bottom of descent

9.80 Top of first hill.

## Subdivision 21 N. R. 1 E

Chair. Ascend gently  
 27.00 Top of ascent  
 39.95 Set malpais stone 30x12x8 ins.  
 in mound of stone 2 ft high 4 ft bare  
 for 1/4 sec. cor. marked 1/4 on N. face  
 (ground too rocky to admit a true)  
 From which -

Juniper 24 ins. diam. br. N 32°  
 00' W. 137 lbs dist marked 1/4 S. B. T.

Juniper 16 ins. diam. br. S 3° 35' W.  
 92 lbs dist. Marked 1/4 S. B. T.

Descend.

50.00 Bottom of descent. Ascend.

57.00 Top of ascent

79.90 Cor. to sec 29-30-31 and 32

Land rolling

Soil 3rd rate

Timber - Juniper - several kinds of Thorny brush.

Subdivision T<sub>21</sub> S. R. 1 E.

chains West on a random line bet  
secs 30 and 31

Var  $14^{\circ} 47' E$ .

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

79.70 Intersect the Meridian at 23 lbs  
N. of cor to secs 25-30-31 and 36

A rock in place marked as  
described in the field notes  
furnished by the Surveyor  
General.

Thence I run -

N.  $89^{\circ} 50' E$  on true line bet.  
secs 30 and 31.

Var  $14^{\circ} 47' E$ .

Ascend

8.00 Top of high ridge bet.  $20^{\circ} N$ .  
and  $S 25^{\circ} E$ . Descend.

39.70 Set post 4 ft long 4 in dia.  $89^{\circ} 50'$



## Subdivision 21 N. R. 1 E.

chain. 12' ins. in the ground for  $\frac{1}{4}$  sec  
 cor. marked  $\frac{1}{4}$  S. on N. side  
 and raised mound of stone  $1\frac{1}{2}$   
 ft high 2 ft base around same.  
 No trees, <sup>missing</sup> - 1 in <sup>limit.</sup> infracticable.

A Malpais called Butte 400  
 ft high br S  $10^{\circ}$  E 25 chs dist.

43.00 Bottom of ravine course S  $15^{\circ}$  E  
 Ascend

48.30 Top of rock bluff br S  $20^{\circ}$  E  
 and N  $10^{\circ}$  W.

51.00 Top of ascent

59.70 Cor. to sec 29-30-31 and 32

Land very broken  
 Soil 3<sup>rd</sup> and 4<sup>th</sup> rate  
 Timber - Juniper. Under  
 growth Oak and thorny brush.

74

Subdivision I 21 A. R. 1 E.

ch  
chain

N. 00° 03' W bet sec 29 and 30  
Var 14° 47' E.

20.00 Ascend gently

6 28.00 Thence along West a top of rocky ridge.

4 40.00 Set Malpais stone 30 x 14 x 6 ins.  
in mound of stone 2 ft high 4 ft  
base for 1/4 sec. cor. Marked  
1/4 on N. face Pits impracticable  
(Ground too rocky to admit stone)  
From which -

A Juniper 12 ins diam. br. at 38°  
45' N, 178 lbs dist marked

1/4 S. B. T.

No other tree within limit.

4 49.00 Descend

5 71.00 Bottom of descent

80.00 Set Malpais stone 16 x 8 x 6 ins  
10 ins. in the ground for cor to

Subdivision 21 N. R. 1 E.

name

secs 19-20-29 and 30

Marked with 2 notches on  
S. and S. on E. faces. Dug pits  
18x18x12 ins. in each sec  $5\frac{1}{2}$  ft  
dist. and raised mound of  
earth and stone 2 ft high  $3\frac{1}{2}$   
ft base along side.

No trees within limit.

Land rolling

Soil rocky 3<sup>rd</sup> and 4<sup>th</sup> rate.

Timber-scattering Juniper,  
Some Oak brush.

East on random line bet  
secs 20 and 29.

Var 14' 47' E.

40.00

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

9.88

Intersect N and S. sec. line.



74

Subdivision L21 A. P. 1 E.

ch

chain

18 lbs S. of cor to recs. 20-21-28 and 29. Thence S on — S.  $89^{\circ}52'$  W. on true line bet recs 20 and 29.

6

Var  $14^{\circ}47'$  E.

4

Over level ground.

39.94 Set malpais stone  $18 \times 12 \times 8$  in  $12$  in in the ground for  $1/4$  sec cor. Marked  $1/4$  on N. face. Raised mound of stone 2 ft high  $3 \frac{1}{2}$  ft base alongside. Pits impracticable

No bees

Ascend gently

4

53.00 Top of ascent

5

71.00 Descend

79.88 Cor to recs 19-20-29 and 30

6

Land almost level

Subdivision 21st. R. 1 E.

chain

Soil rocky 3rd rate  
No timber.

Went on a random line  
bet secs 19 and 30  
Var  $14^{\circ} 47' E$

40.00 Set temporary  $1/4$  sec cor.

79.60 Intersect the Meridian at  
27 clas N. of the cor to secs  
19-24-25 and 30

A Malpais stone set marked  
and witnessed as described  
in the field notes furnished  
by the Surveyor General.

Thence I run -

N.  $89^{\circ} 48' E$  on a true line bet  
secs 19 and 30

Var.  $14^{\circ} 47' E$

Subdivision Gal. St. R. 1 Co.

- ch  
 6.00 Channe Descend rock bluff 12 ft high,  
 Brs N. E. and S. W.
- 13.00 Ravine course S. 10° W. Ascend
- 6  
 22.15 Perpendicular rock bluff 50 ft  
 4 high Brs S. E. and N. W.
- 23.00 Top of ascent
- 6  
 6  
 6  
 6  
 39.60 Set Malpais stone 24x16x6 ins.  
 in mound of stone 2 ft high 4 ft  
 base for 1/4 sec cor. marked  
 1/4 on N. face. (ground too rocky to  
 admit same)
- From which -
- 8  
 A Juniper 24 ins diam  
 Brs S. 10° 30' W. 247 lbs dist.  
 4  
 5  
 6  
 Marked 1/4 S. B. T.
- A Juniper 10 ins. diam. Brs  
 N. 55° 00' W. 47 lbs dist  
 Marked 1/4 S. B. T.



## Subdivision 21 A. R. 1 E

Chains 79.60 Cor to sec 19-20-29 and 30  
 Land E.  $\frac{1}{2}$  level N.  $\frac{1}{2}$  Very broken  
 Soil 2<sup>nd</sup> and 4<sup>th</sup> rate  
 Timber - scattering Juniper,  
 August 23<sup>rd</sup> 1891

N.  $00^{\circ} 03'$  W. bet sec 19 and 20  
 Var.  $14^{\circ} 47'$  E.

19.20 Descend very steep hill into canon.

23.00 Rock bluff 30 ft. Descend

28.75 Bottom of canyon 200 ft deep  
 Course Et.  $40^{\circ}$  W.

24.43 Bottom of rock bluff Ascend

24.70 Top of bluff. Ascend

28.75 Top of N. side of Canon

40.00 Set malpais stone  $36 \times 16 \times 6$  ins.  
 24 ins. in the ground, for  $\frac{1}{4}$   
 sec cor. marked  $\frac{1}{4}$  on N. face

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Subdivision T<sub>1</sub> N. R. 1 E.

ch chains and raised mound of stone  
2 ft high <sup>3</sup>/<sub>2</sub> ft base along side.  
From which - <sup>1000</sup> impracticable

6  
4  
A Juniper 36 ins. diam br S. 18°  
20° E 287 lbs. dist Marked 1/4 S. B. T.  
No other tree within limit.

86.00 Set malpais stone 18 x 10 x 6 ins.  
12 ins in the ground for cor to recs  
14-18-19 and 20 marked with  
3 notches on sand 5 on E faces  
and raised mound of stone  
2 ft high <sup>2</sup>/<sub>2</sub> ft base along side.  
No trees <sup>within limit</sup> Pts impracticable  
Land level - except canon.  
Soil 3rd rate.

4  
5  
6  
Juniper Pine and Oak along  
canon. Scattering Juniper

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## Subdivision S. 1/4. R. 1 E

- hours East on a random line bet  
 secs. 17 and 20  
 Var  $14^{\circ} 47'$  E.
- 0.00 Set temporary  $1/4$  sec cor  
 9.62 Intersect rand sec line at 28  
 lbs S. of cor to secs 16-17-20 and 21  
 Thence S run.  
 S.  $89^{\circ} 48'$  W on true line bet  
 secs. 17 and 20  
 Var  $14^{\circ} 47'$  E
- 9.81 Set malpais stone 18 x 10 x 8 ins. 12  
 ins. in the ground for  $1/4$  sec  
 cor. marked  $1/4$  on N. face.  
 raised mound of stone  $1\frac{1}{2}$  ft  
 high  $3\frac{1}{2}$  ft base along side  
 to <sup>withing limit</sup> be  $1\frac{1}{2}$  mfract cable
- 77.35 Road bet S.  $70^{\circ}$  E and N.  $70^{\circ}$  W.  
 79.62 Cor to secs 17-18-19 and 20.



Subdivision S<sub>2</sub> N. R. 1 E.

ch chain

Land gently rolling.  
Soil 2<sup>nd</sup> rate  
No timber

---

Next on a random line  
bet secs 18 and 19

Var. N<sup>47</sup>° 47' E

40.00 Set temporary 1/4 sec cor

79.70 Intersect the meridian at  
30 lbs N. of the cor. to secs 13-18-  
19 and 24.

A malpais stone, marked and  
witnessed as described in  
the field notes furnished by  
the Surveyor General.

Thence I run  
N. 89° 47' E. on a true line  
bet secs 18 and 19.

## Subdivision 21 N. R. 1 E.

chain.

Var  $14^{\circ} 47' E$ 

0.36 Malpais Bluff 50 ft high  
 brs  $S 70^{\circ} E$  and  $N 70^{\circ} W$ .

Ascend

0.50 Top of Bluff

9.70 Set malpais stone  $18 \times 10 \times 6$  ins. 12  
 ins in the ground for  $\frac{1}{4}$  sec cor  
 marked  $\frac{1}{4}$  on dk. face raised  
 mound of stone 2 ft high 3 ft base  
 along ridge limit.

Notes, <sup>within</sup> pits in ~~in~~ practicable

9.70 Cor to secs 17-18-19 and 20.

Land mostly level

Soil 3rd rate

Timber - scattering Juniper.

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$N. 00^{\circ} 53' W.$  bet secs 17 and 18

Var  $14^{\circ} 47' E.$

Subdivision 1st St. R. 1 E.

- ch chains.  
1.05 Road brs S. 70° E. and N. 70° W.  
40.00 Set malpais stone 14 x 10 x 8 ins.  
9 ins. in the ground for 1/4 sec  
cor. marked 1/4 on N. face.  
6 raised mound of stone 2 ft high 3 1/2  
4 ft base along side  
No beer, <sup>within limit</sup> pits impracticable.  
57.00 Descend  
60.20 Bottom of gulch near head course.  
S 70° W.  
67.35 Rock bluff. 12 ft high Ascend.  
68.20 Top of bluff. Descend  
73.00 Bottom of descent.  
Ascend.  
4 80.00 Set soft malpais stone 24 x 24 x 8  
5 ins. 18 ins in the ground for  
cor to secs. 7-8-17 and 18 marked  
6 with 4 notches on S. and 5 on E.



Subdivision 1st S. R. 1 E.

faces raised mound of  
stone 2 ft high 3 ft base  
along side. Pits impracticable  
from which -

A Juniper 24 ins. diam.  
br S 75° 58' E. 209 lbs dist.

marked T. 21. N. R. 1 E. S. 17. B. T.

No other trees within limit.

Land rolling and broken  
soil 3rd and 4th rate

Winter, scattering Juniper.

East on a random line  
bet secs 8 and 17.

Var 14° 47' E.

40.00 Set temporary 1/4 sec cor.

79.65 Intersect the N. and S. sec line  
at 13 lbs S. of cor. to secs 8-9-16 and 17.

## Subdivision 1st A. B. / E.

chains

Thence I run.

S. 89° 54' W. on true line let  
secs 8 and 17.

Var 14° 47' E.

10.00 Prairie course N. 25° E.

Ascend.

26.00 Bottom of red rock bluff  
20 ft high brs S.E. and N.W.

26.20 Top of red rock bluff.

28.00 Top of ascent

30.00 Descend.

39.82 Set post 4 ft long 4 in. diam  
24 in. in the ground for 1/4 sec  
cor. marked 1/4 on N. side face  
raised mound of stone 1 1/2 ft high  
3 1/2 ft base around post.

From which

All oak 6 in diam. brs

Subdivision 21 A. B. 1 E

- chain A. 6° 45' E. 89 chs dirt marked 1/4 S. B. T.
- A fine 20 in. diam br S. 18° 38' W. 51 chs dirt marked 1/4 S. B. T.
- 48.50 Gulch course N. Ascend
- 63.00 Top of ridge br S. 25° E and N. 25° W. A knoll S 25° E 3 chs. dirt 80 ft high.
- 65.00 Leave timber.
- 79.65 Cor to recs 7-8-17-18. Land broken and hilly Soil 4th rate  
Timber Pine Oak and Juniper.

Next on a random line  
bet recs 7 and 18  
Var. 14° 47' E.

48.00 Set temporary 1/4 sec cor.



Subdivision P. A. B. 1 E.

- chain  
80.11 Intersect the meridian at 30 lbs  
N. of cor. to recs 7-12-13 and 18  
A malpais stone set and marked  
as described in the field notes fur-  
nished by the Surveyor General.  
Thence I run  
N. 89° 47' E on true line bet recs  
7 and 18  
Var 14° 47' E  
Descending  
22.00 Bottom of gulch course S. W.  
Ascend  
27.40 Rock bluff 20 ft high  
27.60 Top of rock bluff  
In N. E. and S. W.  
40.11 Set malpais stone 18x10x6 in in  
mound of stone 1/2 ft high 3/4 ft base  
for 1/4 sec cor marked 1/4 on N. face

## Subdivision Lot A. R. 1 E.

hairs. (ground to rocky to admittance)  
 From which - <sup>Tits intractables</sup>

A Juniper 18 ins. diam br. S. 30°  
 30° E. 143 lbs dist marked 1/4 S.B.T.

No other tree within limit

8. 11 Cor to recs 7-8-17- and 18

Land rolling  
 Soil 4<sup>th</sup> rate.

Timber - Juniper

August 24<sup>th</sup> 1891.

A. 01° 03' N bet recs 7 and 8

Var 14° 47' E

along N. slope of ridge

40.00

Set malpais stone 24x8x4

ins 18 ins in the ground for  
 1/4 sec cor. marked 1/4 on N. <sup>face</sup> side  
 raised mound of stone 2 ft high

## Subdivision T 21 N. R. 1 E.

chain

$3\frac{1}{2}$  ft base along side Pts impracticable  
From which -

A Juniper 6 inches dia

A.  $66^{\circ} 10'$  N 67 lbs dist.

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

No other tree within limit

44.00 Descend gently

80.00 Set malpai stone  $28 \times 18 \times 18$  ins  
in mound of stone 2 ft high 4 ft  
base for cor to recs 5-6-7 and 8  
marked with 5 notches on the S  
and 5 on the E faces Pts impracticable  
(Ground too rocky to admit stone)

No trees within limit

Land rolling

Soil rocky, 3<sup>rd</sup> rate

Timber - scattering Juniper



Lybdinism L. A. R. 1 E

0.00 East on a random line

bet sec 5 and 8

Var  $14^{\circ} 47' E$

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

0.08 Intersect N. and S. sec line at  
cor to sec 4-5-8 and 9

Thence S. 100-11. on true line bet sec 5 & 8

Var  $14^{\circ} 47' E$

Ascend very bushy hill

0.00 Top of hill - Descend

6.00 Bottom of descent

5.04 Malpais rock in place flat  $2\frac{1}{2} \times 4$  ft surface

Sanaki (+) at joint of cor. I mark  $\frac{1}{4}$  on  
rock, and raised mound of stone 3 ft high  
4 ft bare on rock. Pits in practice

From ~~Cornus~~ <sup>at</sup> Pine 16 in. diam and  $4 \frac{1}{4}^{\circ}$

00 W. 127 lbs. dirt marked  $\frac{1}{4}$  S. B. T.

No other tree within limit.

17.00 Leave timber

## Subdivision S 21 N. R. 1 E.

cc chains.

86.08

Cor to recs 5-6-7 and 8

Land rolling and hilly  
Soil 3<sup>rd</sup> rate.

Timber - Pine and Juniper - undergrowth Juniper

Next on random line bet recs 6 and 7

Var  $14^{\circ} 47' E$ 40.00 Set temporary  $\frac{1}{4}$  sec cor.

79.88

Intersect the meridian at 8 chs N. of the cor  
to recs 1-6-7 and 12. A malpais stone marked  
and witnessed as described in the field notes

furnished by the Surveyor General

Thence down - N.  $89^{\circ} 57' E$  on true line <sup>bet recs.</sup> 6 and 7Var  $14^{\circ} 47' E$ 

Descend.

13.00

Gulch course S.W. Ascend

28.40

Malpais bluff 50 ft high

Bor N. and S 5 chs. Thence N.

Ascend

Subdivision T 21 N. R. 1 E.

- Chambers  
 35.00 Top of Arcant
- 39.88 Set on fair stone 14x12x6 in. in mound  
 of stone  $\frac{1}{2}$  ft high 3 ft base for  $\frac{1}{4}$  sec cor. marked  
 $\frac{1}{4}$  m. N. face (ground too rocky to admit stone)  
 No trees <sup>with level</sup> too unpracticable
- 40.20 Road bet N. and S
- 49.88 Cor to secs. 5-6-7 and 8  
 Land  $\frac{1}{2}$  level -  $\frac{1}{2}$  very rough.  
 Soil 3<sup>rd</sup> and 4<sup>th</sup> rate  
 No timber.

N. 51° 03' N. on random line bet secs 5 and 6

Var 14° 47' E

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

81.55 Intersect N. boundary of township at 32 chs  
 E. of cor. to secs 5-6-31 and 32. Thence I run

S. 00° 17' E on a true line bet secs 5 and 6

Var 14° 47' E

Across valley



## Subdivision Lot A. R. 1 E

- 10.00 Log house br S. 65° 00' E  
 Sheep corral br S 63° - E  
 20.00 Ascend hill covered with Live Oak brush  
 41.55 Set on affair stone 14x14x10 ins. 8 ins. in  
 the ground for 1/4 sec. cor. marked 1/4 on W  
 face, and raised mound of stone 1/2 ft high 3 ft base  
 alongside, <sup>Pts impacted</sup> from which -  
 An Oak 10 ins diam. br N. 46° 00' E 260  
 The dirt marked 1/4 S. B. T.  
 No other tree within limit.  
 Loghouse br N. 25° 00' E  
 Sheep corral br N. 20° 00' E  
 46.00 Top of ascent. Descend  
 53.00 Leave Live Oak brush.  
 69.00 Bottom of descent  
 71.00 Ascend gently  
 81.55 Cor to recs 5-6-7-and 8  
 Land rolling  
 Soil 1st and 3rd rate.

Subdivision S 2 / N. R. / E.

chain

No timber - undergrowth oak.

August 25<sup>th</sup> 1891

This morning I go to the N. E. cor of the township and run thence - South bet sec 1 and 6.

Var  $14^{\circ} 47' E$ .

Through heavy fine timber

S 2. 67

Intersect E and N. sec line bet sec 1 and 12 at the temporary sec cor built by me where I now set - Granite stone  $24 \times 20 \times 10$  ins. diam 16 ins. in the ground for corners 1-6-7 and 12 marked with 5 notches on

S and 1 on N. face, and raised mound of stone <sup>2 ft high 4 ft base</sup> along side of ~~from~~ from which -

A Pine 36 ins diam. br. N.  $29^{\circ} 20' E$  79 lbs  
dirt. marked T 21 N. R. 2 E. S 6 B. T.

A Pine 30 ins diam. br. S  $21^{\circ} 00' E$  88 lbs  
dirt. marked T 21 N. R. 2 E S 7. B. T.

# Subdivision 21 A. R. 1 E.

chain

A Pine 18 in diam br S  $31^{\circ}15'$  W. 117 lbs dist.

Marked T 21 N. R. 1 E. S 12 B T

A Pine 18 in diam. br N.  $36^{\circ}30'$  W. 44 lbs dist

marked T 21 N. R. 1 E S. 1. B. T.

Thence Iron St. on true line bet secs 1 & 6

Var  $14^{\circ}47'$  E

Blazing line

40.00

Set granite stone  $24 \times 14 \times 8$  in diam 12 in in the ground for  $\frac{1}{4}$  sec cor. marked  $\frac{1}{4}$  in N. face

and raised mound of stone  $1\frac{1}{2}$  ft high 3 ft base along <sup>sides</sup> from which -

A Pine 10 in diam. br S.  $65^{\circ}30'$  E 7 lbs dist marked  $\frac{1}{4}$  S. B. T.

A Pine 18 in diam br S.  $72^{\circ}30'$  W.

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

73.45 Road br N. E and S. W.

78.52 Atlantic and Pacific Railway br N. E. S. W.

79.45 Western Union Telegraph line runs parallel to railway

82.67 Cor to township 21 and 22 N.



Submission T. 21 A. R. 1 E

charin

Page 1 and 2 E.

Land Descends very gently to the North.  
Soil 2nd rate

Timber - Pine and Oak

August 26<sup>th</sup> 1891.

### General Description.

This township contains a variety of land, and is in the main rough. The E. side embracing <sup>a part of</sup> the Bill Williams mountain, while the entire township is cut by many cañons and gulches.

Almost the entire surface being covered with volcanic rock.

The soil where free from rock is rich and productive.

There is a good growth of grass throughout but water is <sup>very</sup> scarce, being more abundant in the rougher portions,

## Subdivision L 21 N. B. 1 E.

There is good Pine timber on the S. E. and extending along the E. side with Oak and Juniper. Also strips of same running through the Northerly portion of the Township with scattering Juniper over the remaining portion.

There is one settler each on Sections 11-16-22 and 26. While the "Perrin Land and Cattle Co." own the odd sections.

Francis B. Jacobs  
U. S. Deputy Surveyor.

32 Miles. 70 Chains and 75 links of these lines run over mountainous land and through timber — one mile E. boundary line retraced

BOOK 391

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U. S. Surveyor-General's Office,

TUCSON, A. T.,

Nov 1892

The foregoing Field Notes of the Surveys of  
Subdivision of Tr  
21. N. R. 1. E.

Of the Gila and Salt River Meridian  
in Arizona executed by  
Francis B Jacobs

U. S. Deputy Surveyor, under his contract dated  
May 25<sup>th</sup> 1891

having been critically examined, the necessary correc-  
tions and explanations made, the said Field Notes and  
the surveys they describe are hereby approved.

Wm A Johnson

U. S. Surveyor-General  
for the Territory of Arizona.



## List of Names.



A List of the Names of Individuals employed by  
*Francis B. Jacobs* U. S. deputy  
 surveyor, to assist in running, measuring, or marking the lines  
 and corners described in the foregoing Field Notes of the survey  
 of Township no 21 North  
 Range no 1 East

Gila and Salt River  
 Meridian  
 Territory of Arizona  
 Showing the respective capacities in which they acted.

Chainman.

Chainman.

*Milton S. Brown* Axeman.

Flagman.

Final Oath of Assistants.

I hereby certify that I assisted

Francis B

Jacobs  
at those parts or portions of  
no 21. north  
no 1 East.

U. S. Deputy Surveyor, in surveying

Township  
Range

Gila and Salt Rivers  
Meridian  
Territory of Arizona

as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of <sup>my</sup> ~~our~~ knowledge and belief, well and faithfully surveyed and the corner monuments established according to the instructions furnished by the United States Surveyor-General for Arizona.

Chainman.

Chainman.

Milton L Brown Axeman.

Flagman.

Sworn to and subscribed before me, this 26<sup>th</sup> day of

1881

A List of the Names of Individuals employed  
to assist in running, measuring, or marking the  
lines and corners described in the foregoing Field  
Notes of the survey of *The North*  
*Boundary and Subdivision*  
*lines of Township No. 21. N.*  
*Range No. 1 E*  
*Gila and Salt Rivers*  
*Meridian Territory of*  
*Arizona*  
Showing the respective capacities in which they  
acted.

- Charles A. Rehl* Chainman.
- William Hart* Chainman,
- Milton L. Brown* Axeman.
- Flagman.





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BOOK 391

BOOK 391

Final Oath of Assistants.

We hereby certify that we assisted Francis B

Jacobs U. S. Deputy Surveyor, in surveying The North boundary line

and the subdivision lines of Township No 21. N. Range No 1 E.

Gila Co Salt River Meridian Territory of Arizona

and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

Charles A. Rohr Chairman.

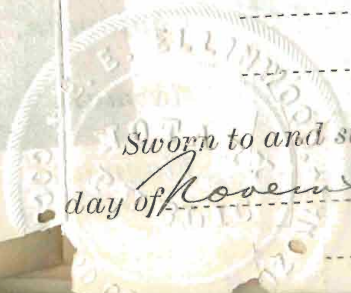
J. William Hart Chairman,

Axeman.

Flagman.

Sworn to and subscribed before me, this 4<sup>th</sup> day of November 1881

W. C. Woodward



Final Oath of Deputy Surveyor.

I, Francis B. Jacobs

U. S. Deputy Surveyor, do solemnly swear that  
in pursuance of a contract with ~~Royall Johnson~~ John Wasson,  
United States Surveyor-General for Arizona, bear-  
ing date the 25th day of May

1871. I have well, faithfully and truly, in my  
own proper person, and in strict conformity with  
the instructions furnished by the Surveyor-Gener-  
al, the Surveying Manual, and the laws of the  
United States, surveyed all those portions of

Township No 21 North  
Range No 1 East

Gila and Salt Rivers  
Meridian

Territory of Arizona as are repre-

sented in the foregoing Field Notes as having  
been surveyed under my directions; and I do  
further solemnly swear that all the corners of  
said surveys have been established and perpet-  
uated in strict accordance with the Surveying  
Manual and printed instructions, and also in ac-  
cordance with the additional requirements con-



tained in circular instructions from the U. S. Surveyor-General for Arizona, dated September 1, 1873, regarding the establishment of corner boundaries of public surveys, and that the foregoing are the true and original Field Notes such surveys.

*Francis B. Jacob*  
Deputy Surveyor

Sworn to and subscribed before me, this 28  
day of November, 1871

*Elias J. Clark*  
Clerk District Court  
*Py Harry J. Zuck*  
Deputy

