

SUBDIVISIONS

~~notes~~

FRACTIONAL T. 15 N., R. 6 E

GIRARD and LATIMER, Corp. 101.

No 182

4-671

182

FIELD NOTES  
GENERAL LAND OFFICE.



No-182

BOOK 182

Field Notes  
of the  
Survey of the  
Subdivision lines of  
T<sup>p</sup> 15 N R<sup>y</sup> 6 E.  
of the  
Gila and Salt River  
Base and meridian  
of the  
Territory of Arizona  
as surveyed by  
James B. Grant  
and

Paul W. Kalmier  
Under their contract No 101  
Dated June 30<sup>th</sup> 1902

Survey commenced Oct 8 1902  
Survey completed Oct 15 1902

Names and Duties of  
Assistants.

W. W. Platt	Chairman
R. W. Dick	Chairman
B. G. Brooke	alman
A. S. Botwell	Flagman

BOOK 183

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T15NR6E

6	43	5	32	4	23	3	15	2	7	1
41	40	30	21	13	5					
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36	35	27	18	10	2					
18	23	17	25	16	16	15	9	14	1	13



10 Subdivision of fract Tp 15 N R 6 E.  
Chains

Oct 8th 1902 at 7 a.m. l.m.t.

I set off 34°42' on the lat arc and  
5°36'30" on the decl arc and deter-  
-mine a true meridian with  
the solar at the cross sees 13, 14  
23 and 24 are the 5 bdy of the  
fract Tp heretofore described. I think  
I run N 00°01' W bet sees 13 and 14 over  
rolling mountainous country through

13.00  
25.00  
34.00  
40.00

scattered cedar timber -  
S. Rim and descend  
Bottom Cañon. course S.W. 100 lns wide  
N. Rim Cañon  
Set a molpaie stone 20 x 18 x 8 ins 15 ins

in the ground for 1/4 sec connected 1/4 on

the W face - whence:

a cedar 12 ins in diam to S 26° E 55 lbs dist  
ward 1/4 S 13 N.T. There being no other  
bearing trees I run a mound of stone  
2 ft base 1 1/2 ft high w/ the cross

76.00

Top of ridge to S and W and descend

82.00

Set a molpaie stone 20 x 14 x 10 ins 75 ins  
in the ground for the cor of sees 11, 12

Land S.P. Meridian Survey -  
Chains

13 and 14 were with 4 notches on 5 and  
1 notch on the 2 edges. Hence:

a cedar 4 ins in diam No 766° 15' S: 172

this dist. was T 15 N R 62 S 12 B T

a cedar 12 ins in diam No 572° 20' S: 176

this dist. was T 15 N R 62 S 17 B T

a cedar 8 ins in diam No 59° 15' W: 84 the

dist. was T 15 N R 62 S 14 B T

a cedar 8 ins in diam No 798° W: 257 the

dist. was T 15 N R 62 S 11 B T

Land, mountainous -

Soil, rocky & the site -

Timber, scattering cedar and some

chico brush.

Mountainous land with scattering

cedar timber and some chico brush

8000 chains.

East on a sundown line bet sees 12  
and 13 -

## Subdivision of Twp 15 N R 6 E:

Chains

- 40.00 set traps  $\frac{1}{4}$  sec cor
- 79.50 intersect the E. side of the Twp 10th  
S of the cor lines 12 and 13. There we  
run  $S 89^{\circ} 06' W$  on a true line bet  
rees 12 and 13 descending *moderis* slope  
through a dense cedar timber and oak  
and brush.
- 29.65- Rim of cañon and descend  
<sup>45 lbs wide</sup>
- 34.30 Bed of cañon <sup>concess</sup> S.W. and ascend
- 39.95- set a *moderis* stone  $24 \times 12 \times 6$  ins 18 ins  
in the ground for  $\frac{1}{4}$  sec cor. <sup>width</sup>  $\frac{1}{4}$   
on the N face. <sup>W. hole:</sup>  
a cedar 12 ins in diam <sup>run</sup>  $S 10^{\circ} 30' E$ : 177  
the dist: <sup>run</sup>  $N 72^{\circ} 20' W$ : 80  
the dist: <sup>run</sup>  $N 72^{\circ} 20' W$ : 80
- 43.10 Descend W. rim of cañon -
- 45.00 ascend - slope
- 50.00 Top and descend.
- 79.50 The cor lines 11, 12, 13 and 14.  
Land, mountainous -



Land S.R. Meridian Arizona  
Chains

soil rocky & thicket-

Timber dense cedars and oak brush.

Mountainous land with dense  
cedar timber and oak brush. 79.90

Chains.

200° 0' W bet sec 1 and 12 over rolling  
country through dense cedar timber

16.35 - cross dry wash course N.W.

26.35 - around slope -

40.00 Set a mofanis stone 18 x 10 x 8 ins 12 ins  
in the ground for  $\frac{1}{4}$  sec corner  
 $\frac{1}{4}$  on the W face: Whence:

a cedar 15 ins in diameter bro N 48° 05'

110 lbs dist: marked  $\frac{1}{4}$  S 12 D.T.

a cedar 4 ins in diameter bro S 54° 30' W: 220

lbs dist: marked  $\frac{1}{4}$  S 11 D.T.

53.00 Top of ridge bro E and W and descend -

80.00 Set a mofanis stone 18 x 12 x 6 ins 12 ins  
in the ground for the corner sec

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Subdivision of pad TP 1521162.  
Chains

1, 2, 11 and 12 marked with 5 notches on  
the 5 and 1 notch on the edges -  
at these:

a cedar 6 ins in diam has  $N 68^{\circ} E. 35$   
the dist. marked  $T 15^{\circ} N R 6 E S 1 B.T$

a cedar 4 ins in diam has  $S 32^{\circ} E. 52$  lbs  
dist. marked  $T 15^{\circ} N R 6 E S 1 B.T$

a cedar 5 ins in diam has  $S 21^{\circ} W. 22$  lbs  
dist. marked  $T 15^{\circ} N R 6 E S 1 B.T$

a cedar 6 ins in diam has  $N 54^{\circ} W. 32$   
the dist. marked  $T 15^{\circ} N R 6 E S 2 B.T$

land, rolling -  
Soil, rocky 4th rate.

Timber, cedar and chio brush -

Rolling land with very dense cedar  
timber 80.00 chains -

$N 89^{\circ} 56' E$  on a random line bet sec  
1 and 12.

40.00

Set tempo  $\frac{1}{4}$  sec on -

Guard S.P. Meridian Trig. line  
Chains

- 79.74 Enter the E. side of the Top 18. lbs  
S of the cor of sec 1 and 12. 5 chains  
run S 55° 48' W on a true line bet  
sec 1 and 12 over rolling mesa  
through dense cedar timber
- 14.24 cross ravine course N.W.
- 31.24 Top of ridge and descend -
- 39.87 Set a molpau stone 18 x 10 x 4 ins 12 ins  
in the ground for  $\frac{1}{4}$  sec cor marked  
 $\frac{1}{4}$  on N face - W. thence:  
a cedar 8 ins in diam brs S 11° W: 28  
lbs dist: marked  $\frac{1}{4}$  S 12 B. T.  
a cedar 12 ins in diam brs N 16° E: 19  
lbs dist: marked  $\frac{1}{4}$  S 1 B. T.
- 41.00 descend slope -
- 79.74 The cor of sec 1, 2, 11 and 12 -  
of and, rolling -  
soil, rocky 4th rate -  
Timber, cedar:  
Rolling mesa land with dense

Subdivision of Tract 5p 15 N R 6 E:  
Chasins

Very dense cedar timber 79.74 Chasins

Oct 8th 1902

Oct 9th 1902 at 7 a.m. l.m.t. I  
set off  $34^{\circ}44'$  on the lat arc and  
 $5^{\circ}59'30.3''$  on the decl arc and de-  
termine a true meridian with  
the solar at the end of res 1, 2, 11  
and 12. Then I run  $N00^{\circ}01'W$   
in a random line bet res 1 and 2

40.00 set traps  $\frac{1}{4}$  sec. w.

96.28 entered the N. Adm of the Top 20 lbs<sup>2</sup>  
of the ca of res 35, 36, 1 and 2. Then  
I run  $S00^{\circ}08'E$  in a true line bet  
res 1 and 2 over rough broken  
country through dense cedar  
timber.

6.03 end of main course SW and ascend

9.48 Top of Malpais bluff 100 ft high on  
S rim of cañon.



Band S. B. Meridian Arizona  
chains

- 19.78 Main of canyon -
- 27.28 Bed of canon course S.W. 60 lbs wide
- 29.05 S rim of canon top of bluffs -
- 36.00 Top of ridge bet E and W -
- 44.73 W rim of canon -
- 45.18 Bed of canon course S.W. 35 lbs wide
- 53.03 South rim of canon -
- 56.28 Set a molypaenite stone 20 x 12 x 12 ins  
15 ins in the second  $\frac{1}{4}$  sec on  
N side  $\frac{1}{4}$  on W face. W. hence:  
a cedar 6 ins in diam bet S 73° 30' E:  
45 lbs dist: N side  $\frac{1}{4}$  313.7.  
a cedar 8 ins in diam bet S 63° W: 60 lbs  
dist: N side  $\frac{1}{4}$  520.7.
- 62.00 Top of ridge bet E and W.
- 95.23 Cross ravine course W. 25 lbs wide
- 96.28 To the end of nos 1, 2, 11 and 12.  
of and rough and broken -  
Soil, rocky & the etc -  
Tampere cedar -

Subdivision of tract Top 15 NB 6 E:

Chains

Brough broken country covered with dense cedar timber - 96.28 chains

N 0° 01' W bet. sec 14 and 15 - four rolling country through scattering cedar timber -

37.00 cross square course N.W. and ascend

40.00 set a malpais stone 30 x 12 x 6 ins 22 ins in the ground <sup>for 1/4 Sec. cor.</sup> marked 1/4 with the W face ~~for 1/4~~ - Whence:

a cedar 15 ins in diam bet 529° 30' 2.223 the dist. marked 1/4 514.5 ft. Then being no other bearing trees I raise a mound of stone 2 ft base 1/2 ft high W of the cor. Pits impracticable -

56.00 Top of slope and descend

71.25- Descend rapidly

80.00 set a malpais stone 30 x 12 x 10 ins 22 ins in the ground for the enj sec 10, 11 14 and 15 - marked with 4 notches on the

Band S. B. Mineum Original  
Chains

3 and 2 notches on the E edges. Whence:

a cedar 6 ins in diam hrs  $728^{\circ}E$ : 2.62

lbs dist: mhd  $T15^{\circ}NR6E S 11 R.T$

a cedar 8 in in diam hrs  $512^{\circ}E$ : 53-lbs

dist: mhd  $T15^{\circ}NR6E S 14 R.T$

a cedar 8 ins in diam hrs  $530^{\circ}W$ : 4 lbs

dist: mhd  $T15^{\circ}NR6E S 15 R.T$

a cedar 12 ins in diam hrs  $740^{\circ}W$ : 117 lbs

dist: mhd  $T15^{\circ}NR6E S 10 R.T$

Rolling mesa land -

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

Timber cedar and oak brush -

Rolling mesa land heavily tim-

bered and covered with oak under-

brush 80.00 chains -

East on a roundover line bet sees 11

and 14 -

40.00 set temp  $\frac{1}{4}$  sec in.

80.00 entered the band line at the en-

## Subdivision of fract Top 5 N. B. 6 E.

Chains

of sec 11, 12, 13 and 14. Thence S run  
W on a true line bet sec 11 and 14  
over rolling country through heavy  
cedar timber ascending -

8.75 - Top of slope -

24.00 Top of ridge bet W and S.

40.00 set a malpais stone 24 x 12 x 4 ins 18 ins  
in the ground  $\frac{1}{4}$  sec E on road  $\frac{1}{4}$  W  
N face - thence:

a cedar 6 ins in diameter N 15° E: 61 lks  
dist: road  $\frac{1}{4}$  511 B.T.

a cedar 8 ins in diameter N 54° W: 153 lks  
dist: road  $\frac{1}{4}$  514 B.T.

43.00 cross river course N.W. and ascend  
45.00 Descend into Cañon  
49.00 Wash in Cañon N.W.  
80.00 The cor of sec 10, 11, 14 and 10.

of and, rolling mesa -

soil, rocky 4th rate -

Timber, cedar and oak brush

Rolling country heavily timbered

80.00 chains -



Band S.R. Meridian Ariz. No. 1  
Chains.

- 200° 01' W bet sec 10 and 11 over rough  
broken country through heavy  
cedar timber -
- 0.60 cross river canal N.W. 25 lbs wide
- 8.25 Top malpais ridge bet E and W.
- 10.30 Descend malpais bluff - 40 ft high.
- 15.20 Bed of canon course S.W. 45 lbs wide
- 22.20 N rim of canon -
- 38.25 Descend perpendicular bluffs -
- 40.00 Set a malpais stone 18x12x6 ins 12 ins  
in the ground for  $\frac{1}{4}$  in on each  $\frac{1}{4}$   
on the W face and drive a round  
of stone 2 ft base  $1\frac{1}{2}$  ft high W of the  
one. Pits impracticable -
- 47.20 Bed of canon 30 lbs wide course W.
- 57.75 N rim of canon -
- 65.00 Top of malpais ridge bet N.W.
- 77.00 Descend S rim of canon -
- 79.35 Descend malpais bluff 80 ft high -

Subdivision of trail to 15<sup>th</sup> Regt. 63.  
Chains

80.00

Set a malpais stone 21 x 12 x 6 ins 15 ins  
in the ground for the angles 2  
3, 10 and 11 ~~and~~ with 5 notches on the  
S and 2 notches on the E edges and I  
raise a mound of stone 2 ft base 1 1/2  
ft high W of the cor. Pits impracticable  
of sand, rough and broken.  
Soil, rocky 4th rate -  
Timber, cedar and pine -  
Very rough and broken country  
covered with scattering timber and  
dense underbrush. 80.00 Chains -

Oct 9<sup>th</sup> 1902

l m. to  
Oct 10<sup>th</sup> 1902 at 7 AM I set off  
34° 44' in the lat arc and 6° 22' S  
in the decl arc and determine a  
true meridian with the solar  
at the angles 2, 3, 10 and 11. There  
I run East on a random line

David S. B. Medicinal Vegetation  
Chavis

Set sec 2 and 11.

40.00  
79.95-  
79.95

Set temp  $\frac{1}{4}$  sec cor  
Entered the Ward line 4 lbs 5 g  
The end of sec 1, 2, 11 and 12. Thence  
run  $N 89^{\circ} 58' W$  on a true line bet  
sec 2 and 11 over rolling country  
Through dense cedar timber -

39.57  $\frac{1}{2}$

Set a malpais stone 24 x 18 x 10 ins 15 ins  
in the ground for  $\frac{1}{4}$  sec cor marked  $\frac{1}{4}$   
on the W face of the well:

a cedar 4 ins in diam brs  $N 30^{\circ} 30' E$   
26 lbs dist. marked  $\frac{1}{4}$  52 10 T  
a cedar 6 ins in diam brs  $S 5^{\circ} 20' W$ : 8 lbs  
dist. marked  $\frac{1}{4}$  51 13 T.

73.00

South rim of canon -

75.00

Descent malpais bluffs 100 ft high -

79.55 -

The end of sec 2, 3, 10 and 11.  
of and, mountainous -  
Soil, rocky & the note -

Timber, cedar, pine and oak brush

Subdivision of tract Tp 15 R 6 S.  
Chains

mountainous land with dense  
cedar timber and oak brush 79.95 chs.

N00°0'W on a random line bet sees 2  
and 3 -

40.00 set temp  $\frac{1}{4}$  sec cor.

96.26 Intersect the Nbdy of the Tp 16 line E  
of the cor of sees 2, 3, 34 and 35. There  
I run <sup>86</sup> S80°96'E on a true line bet sees  
2 and 3 over rough mountainous  
country through dense cedar timber

2376 Main of Dry Bean claim

51.76 Bed of dry Bean creek course S.W. 45 lbs wide

56.26 Set a mulpais stone 24 x 12 x 4 ins 8 ins in  
the ground for  $\frac{1}{4}$  sec cor marked  $\frac{1}{4}$  on the  
W face and I run a mound 2 ft  
high  $\frac{1}{2}$  ft high W of the cor. Pits  
unpracticable

59.51 cross center course S.E. 35 lbs wide

76.06 cross bed of center 90 lbs wide courses W



G and S. B. Meridian Arizona  
 chains

76.61 asand bluffs 60 ft high.

80.76 cross some course w. 50 lks wide

96.26 The en g sees 2, 3, 10 and 11.

of and, rough and broken

Soil, rocky 4 the mt-

Timber, cedar, pine and oak brush -

Rough and broken country nearby

timbered 96.26 chains -

Oct 10<sup>th</sup> 1902

Oct 11, 1902 at 7 a.m. l.m. to Det

off 34° 42' on the lat arc and

6° 45' on the decl arc and de-

termine a true meridian with

the solar at the en g sees 15,

16, 21 and 22 on the S side of

the trail 5 p as pentagon de-

scribed. Thence I run 7700° 02' W bet

sees 15 and 16 over rough mountains

and country through scattering

17  
 Subdividing tract T<sup>15</sup>N<sup>15</sup>R<sup>62</sup>E:  
 Chains

timber -

- 2.00 ascend rapidly -
- 17.75 - cross ravine course W. 25 lbs wide
- 26.00 Top of ridge to E and W.  
 30.00 Descend rapidly
- 37.15 - cross wash 20 lbs wide course S.W.
- 40.00 Set a malpais stone 22 x 12 x 4 ins 15  
 ins in the ground for  $\frac{1}{4}$  sec  
 and  $\frac{1}{4}$  sec the W face W then  
 a cedar 4 ins in diam to S 43° E. 168  
 lbs dit: and  $\frac{1}{4}$  S 15° E.
- a cedar 6 ins in diam to S 24° 30' W. 89  
 lbs dit: and  $\frac{1}{4}$  S 16° E.
- 44.00 descend malpais slope
- 80.00 Set a malpais stone 24 x 10 x 10 ins 18 ins  
 in the ground for the eng nos 9, 10  
 15 and 16 and with 4 notches on the  
 5 and 3 notches on the E edges. W then  
 a cedar 10 ins in diam to S 76° 30' E.  
 173 lbs dit: and T 15° N R 62 S 10 E.  
 a cedar 8 ins in diam to S 76° 30' E.

G and S. B. Medicine Springs  
Chains

the dist:  $\text{Wind T 15° DR 6 E S 15° 13.7}$

There being no other bearing trees  
I raise a mound of stone 2 ft base  
 $1\frac{1}{2}$  ft high W of the cor. Pile in-  
practicable.

Ground, rough and mountainous -  
Soil, rocky & the rock -

Timber, cedar, gum and oak brush  
Rough, broken land with very  
dense timber and oak brush  
8000 chains -

East on a random line bet sec  
10 and 15.

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

80.08 Intersect the Rand Line 6 the N  
of the cor of sec 10, 11, 14 and 15. There  
I run  $N 89^{\circ} 57' W$  on a true line bet  
sec 10 and 15 over rough mount-  
ainous country -

Subdivision of tract Tp 15 N R 6 E

Chains

- 4.00 Top of Malpais point and descent
- 11.08 red of canon 100 lbs wide course SW
- 19.00 Ascend W. River
- 36.00 Top of hill and descent rapidly
- 38.00 E. Rim Cañon.
- 40.04 Set a malpais stone 20 x 12 x 4 ins. 15 ins  
in the ground for 1/4 sec in width 1/4  
on the N face and drive a  
mound of stone 2 ft base 1 1/2 ft  
high N of the cr. Pits impracticable
- 76.63 Cross dry wash course N.W. 25' wide
- 80.08 The eng sees 9, 10, 15 and 16.  
Rough, rough and mountainous.  
Soil, rocky & the note -  
Timber, cedar and oak brush -  
Very rough mountainous land  
with dense cedar timber and  
oak underbrush 80.08 Chains -

No 002 W hit sees 9 and 10 over rough  
mountainous country through dense  
polyserde brush -



## Band J. B. Meridian Arizona

Chains

- 2.00 cross wash 100 lbs wide course N.W.
- 3.05 Top of ridge bet E and W.
- 5.25 Bed of cañon 120 lbs wide course S.W.
- 8.90 Ascend bluffs -
- 25.00 Top of ridge bet N.W.
- 34.50 cross ravine course N.W. 85 lbs wide
- 40.00 Set a malpais stone 20 x 10 x 8 ins 15 ins in the ground for 4 sec on road  $\frac{1}{4}$  in W face and I will a mound of stone 2 ft base  $\frac{1}{2}$  ft high W of the cor. Pits impracticable -
- 47.50 Bed of cañon 120 lbs wide course S.E.
- 62.50 cross malpais point and descend
- 65.10 Bed of same cañon 85 lbs wide course S.W.
- 69.75 W rim of cañon and ascend malpais slope -
- 80.00 Set a malpais stone 20 x 10 x 8 ins 15 ins in the ground for the cor of sec 3, 4, 5 and 10 road with 5 notches on the 5 and 3 notches

Subdivision of tract 9 p 15' NB 6 S  
Chains

on the edges where:

a cedar 6 ins in diam No 7480 E.

121 lbs dist: wood T16 NR 6 25 3 BT

a cedar 8 ins in diam No 5270 30 E.

270 lbs dist: wood T16 NR 6 25 10 BT

a cedar 12 ins in diam No 5370 10 W.

109 lbs dist: wood T16 NR 6 25 9 BT

a cedar 6 ins in diam No 75030 W.

131 lbs dist: wood T16 NR 6 25 4 BT

of and rough and mountainous  
Soil, rocky & the soil -

Timber, cedar and oak brush

Very rough, broken country with  
dense timber and dense oak  
under brush 80.00 chains -

589° 57' 1/2 on a random line bet sets

3 and 10.

40.00 Set temp 1/4 sec cor -

80.09 distance the 2nd 5 line 17 lbs 5

Grand N.B. Meridian Arizona  
Chains

of the eng. sec 2, 3, 10 and 11. These  
I run 589°56' W on a true line  
bet sec 3 and 10 over rough mts.  
country through scattering cedar  
timber.

- 5.00 10 chains N is living water 30 ft  
long 10 ft wide and 1 ft deep by  
spring.
- 8.89 ascend bluffs.
- 2244 Bed of dry creek 200 lbs wide course S.W.
- 40.04 1/2 set a malpais stone 30 x 14 x 4 ins  
22 ins in the ground for 1/4 sec  
and mark 1/4 m the face. Whence  
a cedar 6 ins in diam. brs N 9°30' E. 127  
the dist: mark 1/4 53 B.T.
- a cedar 6 ins in diam. brs S 49°15' W:  
83 lbs dist: mark 1/4 51 B.T.
- 4134 W rim of dry creek.
- 58.00 Top of malpais ridge brs S.W.
- 70.64 Bed of canon 35 lbs wide course S.W.

Subdivision of tract Twp 15 N 13 E 6 E.

Chain

80.09 The corners 3, 4, 9 and 10-

land, mountainous-

Soil, rocky & the same

Timber, scattering cedar-

Mountainous land with scatter-  
-ing timber 80.09 chains-

Oct. 11<sup>th</sup> 1902

Oct 12<sup>th</sup> 1902 at 8 a m. I went  
to set off  $34^{\circ}44'$  on the lat arc and  
 $707'30''S$  on the decl arc and de-  
termine a true meridian with  
the solar at the corners 3, 4  
9 and 10. Thence I run  $200^{\circ}02'W$   
on a random line bet sees 3 and 4

40.00 set temp  $\frac{1}{4}$  sec cor

96.23 Intersect the N bdy of the Twp 20  
N to E of the corners 3, 4, 33 and 34

Thence I run  $500^{\circ}09'E$  on a true  
line bet sees 3 and 4 run into



Band S. R. Meadine Wiggins  
Chains

Country through dense cedar  
timber -

10.20 Top of molpais ridge bro E and W.

21.00 Bed of cañon course S. E. 45. N. wide

23.53 Bed of same cañon course S. W. 45. N. wide

47.73 E rim of cañon -

56.23 Set a molpais stone 20 x 10 x 10 ins 15

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

ward  $\frac{1}{4}$  on the W fall: W then -

a cedar 6 ins in diam bro 767° E:

17 lbs dist: ward  $\frac{1}{4}$  53 B.T.

A cedar 22 ins in diam bro 778° 35' W:

32 lbs dist: ward  $\frac{1}{4}$  54 B.T.

61.26 Cross wagon road bro N E and S. W.

72.48 Cross dry creek course E.

83.73 Top of ridge and descend bro E and W.

96.23 To the end of runs 3, 4, 9 and 10

of land, mountainous -

Soil, rocky & forest.

Timber, dense cedar -

Subdividing road to 15 RB 62:  
Chains

Mountainous land covered with  
dense cedar timber 96.23 Chains

No 800 2' W bet. sec 16 and 17 over  
rough broken country through  
staggering timber.

6.00 Top of limestone hill.

14.00 cross ravine course S.E. 20 lbs wide

21.00 Road N.E.E. and S.W.S. W

37.25 Top of Butte and descend

40.00 set a well pin 18 1/2" dia 12 ins in  
the ground for 1/4 sec cor. set 1/4  
on the W face. Whence:

a cedar 12 in in diam. hrs 575° E.

84 lbs dist: road 1/4 516 ft.

a cedar 6 ins in diam. hrs 742° W. 138

lbs dist: road 1/4 517 ft.

46.53 cross ravine course W. 25 lbs wide

48.30 cross ravine course S.W. 20 lbs wide

54.60 cross ravine 40 lbs wide course S.W.

57.65 cross ravine course S.E. 30 lbs wide

Y and S. B. Meade's original  
chains

8000

Set a sandstone 24X10X4 ins 18  
ins in the ground for the cap  
secs 8, 9, 16 and 17 marked with 4 notches  
on the 5 and 4 notches on the E  
edges. Measure:

a cedar 4 ins in diam brs N 36° E:

56 lbs dist: marked T15 NR 6259 B.T.

a cedar 8 ins in diam brs S 64° E: 107

lbs dist: marked T15 NR 6251 B.T.

a cedar 6 ins in diam brs N 44° W:

5 lbs dist: marked T15 NR 6258 B.T.

There being no other bearing trees  
I raise a mound of stone 2 ft base  
1/2 ft high W of the cap pits impracticable  
Land, mountainous  
soil, rocky & thorny  
Timber, cedars  
Rough mountainous land with  
dense cedar timber 8000 chains

Subdivision of tract Tp 15 N R 6 E:

Chains

East on a random line bet sec 9 and 16.

40.00 set temp 1/4 sec cor-

80.02 intersect the N and S line 14 lbs S of the cor of sec 9, 10, 15 and 16. Thence S run 589° 54' W on a true line bet sec 9 and 16 descend & brink of canon-

6.72 Descend rapidly-

11.52 Bed of canon 100 lbs wide course SW.

14.00 Ascend W brink of canon-

40.01 set a sandstone 24 x 10 x 6 ins 18 ins in the ground for 1/4 sec cor marked 1/4 on N face - Thence:

a cedar 4 ins in diam to S 74° 02' 16 lbs dist: marked 1/4 5913.1

a cedar 8 ins in diam to S 81° 02' 131 lbs dist: marked 1/4 51613.1

45.22 cross wash course 5 x 30 lbs wide

53.97 cross wagon road to N



## Grand S. B. Meridian Ariz. No.

Chains

- 69.82 cross work 20 lbs wide course S.E.
- 78.17 cross work 15 lbs wide course S.E.
- 80.02 The end sets 8, 9, 16 and 17  
of and, rough and broken  
Soil, rocky 4th rate.  
Timber, cedar.  
Rough and broken land with  
heavy cedar timber and dense  
sub-bush 8002 chains -

Oct 12th 1902 -

Oct 13th 1902 at 8 a.m. l.m. to.  
Set off 34°43' in the lat arc and  
7°30' 5" in the sid arc and deter-  
mine a true meridian with  
the solar at the end sets 8, 9, 16  
and 17. Then I run N00°02' W  
bet sets 8 and 5 around gradual  
malpais slope -

20.90

cross routine course S.E. and ascend

Subdivision of fractional Tp 15 N R 6 E:  
chain

- 35.40 Top of malpais ridge No 2.
- 40.00 Mark a malpais stone in place  
36 x 30 x 18 ins above ground with cross  
for exact  $\frac{1}{4}$  sec cngpt and mark  $\frac{1}{4}$   
NW face. Whence:  
a cedar 10 ins in diam No 285:  
265 lbs dist: mark  $\frac{1}{4}$  59 B.T.  
a cedar 8 ins in diam No 2810W:  
129 lbs dist: mark  $\frac{1}{4}$  58 B.T.
- 45.00 cross wash course SE.
- 50.00 Top of malpais ridge No W.
- 56.33 Top of ridge No W.
- 70.00 Spring of canon and descend -
- 75.20 Bed of canon 50 lbs wide course SW.
- 77.00 Around Spring of canon -
- 78.70 Top of river -
- 80.00 set a malpais stone 20 x 14 x 8 ins  
15 ins in the ground for the cng  
sec 4, 5, 8 and 9, mark with 3 notches  
on the S and 4 notches on the E

Grand L.R. Middlem Ridge  
Chains

edges - N.W. corner:

a cedar 6 ins in diam brs N 61° E.

158 lbs dist. wood T 15 NR 625 4 B.T.

a cedar 6 ins in diam brs N 34° W:

252 lbs dist. wood T 15 NR 625 5 B.T.

There being no other bearing trees I  
raised a mound of stone 2 ft base  $1\frac{1}{2}$   
ft high W of the camp site impracticable

of and, rough and out-

Soil, rocky & the note -

Timber, cedar and underbrush -

Very rough broken country with  
scattered timber and dense brush

8000 chains -

N 89° 54' E on a standard line set  
secs 4 and 9.

4000 set temp  $\frac{1}{4}$  sec on -

8004 Intersect the N and S line 1. Also S  
of the end of secs 3, 4, 5 and 10

Subdivision of frac<sup>l</sup> Tp 15 N R 6 E.  
chains

Thence I run S 89° 54' W on a true  
line bet sec 4 and 5 descending  
malpais slope -

28.25 - cross wagon road bet S.W.

40.02 - Set a malpais stone 20 x 12 x 6 ins  
15 ins in the ground for  $\frac{1}{4}$  sec cor  
ward  $\frac{1}{4}$  in N face thence:

a cedar 6 ins in diam bet S 15° W: 98

the dist: ward  $\frac{1}{4}$  59 B.T.

a cedar 12 ins in diam bet N 34° W: 65

the dist: ward  $\frac{1}{4}$  54 B.T.

63.74 E rim of cañon and descend

74.00 Bed of cañon course S. 50° W wide

76.86 W rim of cañon -

80.04 Engals 4, 5, 8 and 9.

land, mountainous -

Soil, rocky & the water

Timbers, cedar and oak brush -

Mountainous land with dense

cedar timber and oak brush 8004 ch



Grand S. B. Meridian Arjimo  
chains

200°02' W bet sees 4 and 5 on a con-  
-down line -

40.00 set temp  $\frac{1}{4}$  sec

56.41 intersect the Nbdy of the top 12 lbs  
E of the end sees 32, 33, 4 and 5 -

Thence I run 500°06' E on a true  
line bet sees 4 and 5 - ascending  
molpaio ridge -

15.00 Top of slope and descent

27.56 cross wash course 20 W 80 lbs wide

38.41 Top of ridge bet E and W.

56.41 Set a molpaio stone 18.12 W 10 ins 12  
ins in the ground for  $\frac{1}{4}$  sec on a true  
 $\frac{1}{4}$  on W face, W hence:

a cedar 6 ins in diam bet 75°05' E:

243 lbs dist: W bet  $\frac{1}{4}$  54 B.T.

a cedar 15 ins in diam bet 53°04' W:

142 lbs dist: W bet  $\frac{1}{4}$  55 B.T.

83.50

Top of steep slope

Subdivision of Grad Top 15713 6E:

chains

83.00 Descend -

96.41 The cor of secs 4, 5, 8 and 9.  
Sand atop soil rocky 40% etc. Timber dense cedar  
and oak brush. Oct 13th 1902.  
Very into land with very dense  
underbrush 96.41 chains -

Oct 14th 1902 at 8 A.M. I set  
I set off 34042' on the lot line and  
7002' 41 1/2' on the decl line and de-  
termine a true meridian with  
the solar at the cor of secs 17, 18, 19  
and 20 with the S side of the Grad  
Top - There I run 700000' W on a  
true line bet secs 17 and 18 up  
steep slope -

14.00 Top of ridge bro W.

24.80 Cross dry rock course W - 25' W wide

27.00 Top of mulpais ridge bro W.

40.00 set a sand stone 18 X 8 X 6 ins 12 ins  
in the ground fully seen and  
1/4 in the W face. Where:

A cedar 8 ins in diam bro 55/102: 4 lbs

Gant S.R. Medicine Springs  
Chains

dist: mtd  $\frac{1}{4}$  517 B.T.

a cedar 10 ins in diam brs N43°W: 68

lts dist: mtd  $\frac{1}{4}$  518 B.T.

43.65 - cross dry wash course W. 20 ft wide

45.50 cross wash course S.W. 25 ft wide

63.25 - Top of ridge brs SW.

67.52 cross ravine course S.E. 30 ft wide

71.00 Top of ridge brs S.E. and N.W.

80.00 set a molpais stone 20 8/10 x 8 ins 15 ins

in the ground for the end of nos

7, 8, 17 and 18 mtd with 4 notches

on the S and 5 notches on the E

edges - Whence:

a cedar 6 ins in diam brs S 27°W: 107

lts dist: mtd T 15 N B 6 E 518 B.T.

There being no other bearing

trees in limits I raise a

mound of stone 2 ft base  $1\frac{1}{2}$  ft

high W of cur. Pits impracticable

and mountains

Subdivision of Grad Top 15 N 1/2 62.  
Chains

soil, rocky 4th rate -

Timber, cedar and oak brush -

Mountainous land heavily tim-

bered and with oak brush 80.00 chs

East on a random line bet sees

8 and 17 -

40.00 set stump 1/4 sec cor.

80.05 - Intersect the Rand S line 1200

N of the cor of sees 8, 9, 16 and 17. Thence

S run N 89°55'W on a true line bet

sees 8 and 17 ascending Malpais

slope that heads up E side of Butte

18.00 Summit of Malpais Butte

27.06 cross same course S.W. 20 lbs wide

40.02 1/2 set a Malpais stone 20 x 10 x 6 ins 15

ins in the ground for 1/4 sec cor

and 1/4 in the N face - thence

a cedar 6 ins in diam bet N 70° E:

60 lbs dit. - and 1/4 58 lbs



Grand A. B. Meridian Arizona  
Chains

A cedar 4 ins in diam Apr 5 1882: 74

Obs dist. used  $\frac{1}{4}$  517 B.T.

40.30 Cross ravine course S. E. 45<sup>th</sup> lks wide

45.75- Summit of ridge No 5 E and N W.

62.00 Cross ravine course S. 15<sup>th</sup> lks wide

80.05 on gues 7, 8, 17 and 18.

Grand mountainous-  
Soil, very 4<sup>th</sup> rate.

Timber, dense cedar and dense  
oak and poly wide brush.

Mountainous land heavily timbered  
and covered with dense under-  
brush 80.05 Chains.

West on a random line bet sees  
7 and 18.

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

78.60 Intersect the W side of the Top 20  
tho 5 of the eny sees 7 and 18. There  
I ran '585051'E on a true line

Subdivision of fract 9p 15 NAB 2:  
Chains

- Set sees 7 and 18. ascending gentle  
W slope.
- 24.00 Top of ridge bet 17 and 5.
- 26.78 cross wash course SW 18 ft wide
- 38.68 set 2 malpais 18 x 13 x 7 ins 12 ins in  
the ground for  $\frac{1}{4}$  sec on road  $\frac{1}{4}$  m  
the N face. W fence:  
a cedar 4 ins in diam bet 53° E: 88  
the dist: road  $\frac{1}{4}$  S 18 B.T.  
a cedar 6 ins in diam bet 73° E:  
43 the dist: road  $\frac{1}{4}$  S 7 B.T.
- 41.00 Top of ridge bet 5 W.
- 48.28 cross dry wash 182 ft wide course S.E.
- 52.00 Top of ridge bet 5 E. and descend
- 63.28 cross wash 300 ft wide course E
- 68.00 ascend malpais bluffs.
- 78.68 on grass 7, 8, 17 and 18.  
sand, mountainous -  
soil, rocky & thistle -  
firmer cedar and underbrush -

Band J.B. 189  
 Mountainous land heavily timbered  
 Chains

78.68 Chains -

2000'03' W. at sec 7 and 8 descending  
 N slope very rapidly through dense  
 cedar timber.

10.00 cross west 300 lbs wide course S.W.

15.10 cross west <sup>35 lbs wide</sup> course S.W. and ascend

24.90 cross same course S.E. 45 lbs wide

40.00 set a malpais stone 18 x 10 x 8 ins 12  
 ins in the ground for  $\frac{1}{4}$  ac cor  
 west  $\frac{1}{4}$  on the W face W. where

cedar 6 ins in diam brs 541° E.

25 lbs dist: west  $\frac{1}{4}$  57 B.T.

cedar 4 ins in diam brs  $\frac{1}{4}$  0° 20' W. 60

lbs dist: west  $\frac{1}{4}$  58 B.T.

53.00 Top of ridge brs S.W. and descend

62.20 End of cañon 55 lbs wide course S.W.

80.00 set a malpais stone 20 x 12 x 6 ins  
 15 ins in the ground for the cor

Subdivision of parcel Top 15 N R 6 E.  
Chains

BOOK 182

poles 5, 6, 7 and 8. and with 5  
notches on the S and 5 notches  
on the E edges - Whence:

a cedar 8 ins in diam br  $N 31^{\circ} E$ :

148 lbs dist: wood T 15 N R 6 E S 5 15 T

a cedar 4 ins in diam br  $S 43^{\circ} W$ : 214

lbs dist: wood T 15 N R 6 E S 4 15 T

a cedar 10 ins in diam br  $S 43^{\circ} W$ : 114

lbs dist: wood T 15 N R 6 E S 3 15 T

a cedar 4 ins in diam br  $N 63^{\circ} W$ : 329

lbs dist: wood T 15 N R 6 E S 6 15 T

Land, rough and broken -  
Soil, rocky 4th rate -

Timber, cedar and dense polyseed  
and oak underbrush

Bony and broken country with  
dense ash timber and very  
dense polyseed and oak brush  
80.00 chains -

Oct 14th 1902



Hand S.B. Meridian Trig. no  
Chavins

Oct 18<sup>th</sup> 1902 at 9 a.m. l.m.t. &

set off  $34^{\circ}44'$  on the lat arc and  
 $8^{\circ}14'.5''$

on the decl arc and determine  
a true meridian with the solar  
at the en of sec 5, 6, 7 and 8.

Then I run  $589^{\circ}05' E$  on a down-  
-down line bet sec 5 and 8

40.00 Set temp  $\frac{1}{4}$  sec line

80.10 Entered the Hand 5 line 29<sup>th</sup>  
of the en of sec 4, 5, 8 and 7. Then  
I run  $589^{\circ}53' W$  on a true line bet  
sec 5 and 8 ascending steep  $E$  slope of  
hill through dense underbrush.

16.00 Top of ridge bet 7 E and 5 W.

25.10 Cross some course S.W. and ascend

31.00 top of slope and descend.

40.05 Set a mol pair stone  $20 \times 26$  ins 10 ins  
in the ground  $\frac{1}{4}$  sec line marked off  
on the 7<sup>th</sup> line - at house

Subdivision of tract Tp 15<sup>N</sup> R 6<sup>E</sup> S 1  
 Chains

a pine 6 ins in diam brs N 78° E:

52 lbs dist: whd  $\frac{1}{4}$  55 D.T.

a cedar 15 ins in diam brs S 31° W: 87 lbs

dist: whd  $\frac{1}{4}$  58 D.T.

41.70 cross course course NW. 25 lbs wide

48.00 Top of E. side of center and demand.

54.80 Bed of center course S. 40 lbs wide

58.20 W. side of center.

75.45 Top of slope and demand.

80.10 The corners 5, 6, 7 and 8.

of and rough and broken  
 soil, rocky & the rest.

Trunks, cedar and pine.

Brush, broken country heavily  
 timbered and covered with dense  
 underbrush 80.10 chains -

N 89° 05' W on a random line bet  
 recs 6 and 7.

40.00

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

Grand S. B. Meridian Survey  
Chains

- 78.64 Intersect the W. edge of the top at the  
end of runs 6 and 7. Thence down  
559° 01' E on a true line hit runs 6 and  
7. descending through dense gully and  
brush.
- 10.60 Cross ravine course S. W. 25° the wide
- 24.10 Top of Malpais ridge bet 7E and S. W.
- 35.64 Bet a Malpais stone 30V1246 ins 22  
ins in the ground for  $\frac{1}{4}$  all covered  
 $\frac{1}{4}$  in the open. Where:  
a cedar 6 ins in diam bet 30° W. 23  
the dist. was  $\frac{1}{4}$  56 B.T.  
a cedar 4 ins in diam bet 56° W. 46  
the dist. was  $\frac{1}{4}$  57 B.T.
- 35.24 Bed of canon at the wide course 8
- 52.89 Second rim of canon
- 58.00 Top of ridge bet 2 and 3
- 60.14 Second Malpais Bluffs
- 67.54 Bed of canon course S. E. 25° the wide
- 74.14 second Malpais ridge -

Subdivision of tract Top 15 20 by 6 E.  
 BOOK 182

Chains

28.64

The cor of secs 5, 6, 7 and 8.

of and, rough and mts.  
 soil, rocky 4th note.

Timber, cedar and poly under  
 underbrush.

Rough mts land heavily tim-  
 bered and with dense under-  
 brush 28.64 chains.

$N 00^{\circ} 03' W$  on a random line  
 bet secs 5 and 6.

40.00

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

36.40

Intersect the S. E. cor of the Top 8<sup>th</sup>  
 cor of the cor of secs 5, 6, 31 and 32. Thence  
 I run  $S 00^{\circ} 06' E$  on a true line bet  
 secs 5 and 6 descending long malpais  
 slope.

56.40

set a malpais stone 33 x 10 x 6 ins 22 ins  
 in the ground for  $\frac{1}{4}$  sec cor and  
 $\frac{1}{4}$  on the W face - thence:



Grand J. B. Mountain Arizona  
Chains

a cedar 10 ins in diam No 589° E: 116

Obs dist: wood  $\frac{1}{4}$  56 BT

a cedar 8 ins in diam No 549° W: 163

Obs dist: wood  $\frac{1}{4}$  56 BT.

66.40 Cross ravine course SW. 10. Mm wide

90.40 Top of malpais bluffs and descend  
very rapidly.

96.30 Top of bluffs 60 ft high and descend

96.40 The congress 5, 6, 7 and 8.

Ground very rough and cuts -  
Soil, rocky & the note -

Timber scattering cedar and very  
dense underbrush

Very rough mountainous country

covered with scattering cedar timber

and dense underbrush 96.40 Obs.

Oct 15th 1902

3000

Oct 15th 1902 at long 5, 6, 31532  
at 4 P.M. L. m. t. I observe the  
mean mag. decl to be  $14^{\circ} 29' E$ .

This township is very rough and mountainous through-out with very few exceptions - This Tp is cut up by several large canyons that traverse the whole Tp - The soil is rocky and is valueless except for grazing - There is some very good grass upon the mesa - The northern and western part of the Tp is covered with a very dense growth of cedar and pine timber - There are two springs in this Tp but they are both in the bed of canyons and are very nearly inaccessible - The soil is very rocky upon the

meas and no water except  
a slow rimpall - There  
are no settlers in this Tp  
Wet Beaver creek is  $\frac{1}{2}$  mile  
south of the south bdy of this  
proctm and is a fine stream  
with clear running water  
and there are several ponds  
at intervals along its banks.  
James B Girard  
Park W. Latimer  
U.S. Deputy Surveyor



We, J. S. Bolwell  
and A. L. Brooke 4  
do solemnly swear that we will well and truly perform the duties of  
flagman and axmen, in the establishment of corners and other duties,  
according to instructions given us, to the best of our skill and ability, in  
the survey of the subdivision lines of fractional  
township No 15 North Ranges 6  
7 and 8 east

the Gila and Salt River Base and Meridian, in the Territory of  
Arizona.

J. S. Bolwell Flagman.  
A. L. Brooke Axman.  
Axman.  
Axman.

Subscribed and sworn to before me this 20<sup>th</sup> day  
of August, 1902

W. S. Perceon  
Notary Public.

My Commission expires April 10  
Apr 16, 1905



48  
PRELIMINARY OATHS OF ASSISTANTS.

We, W. W. Platt

and R. W. Hunt

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the

subdivision lines of <sup>townships</sup> No 15 North Range 6, 7 and 8 East

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

W. W. Platt, Chainman.

R. W. Hunt, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

Subscribed and sworn to before me this 20<sup>th</sup> day of August, 1902

C. W. Scrubba

[SEAL.]

Notary Public.

My Commission expires April 15

49  
Office of U. S. Surveyor General,

Phoenix, Arizona, April 14, 1903

The foregoing field notes of the survey of the *Subdivisions of*  
*Tp. 15 N., R. 6 E.*

and Salt River Base and Meridian, in  
Arizona, executed by *James B. Girard &*  
*Park W. Latimer*

Deputy Surveyors, under Contract No.  
dated *June 30-1902*. having been  
carefully examined, the necessary corrections and explanations made, the said  
field notes and the surveys they describe are hereby approved.

*Hugh H. Price*

U. S. Surveyor General, for  
District of Arizona.