

X Platted No 243

Contract No 58.

Approved by G.L.O.

July 14, 1890.

245

BOOK 245 4-671

No 243

FIELD NOTES

BOOK 245

GENERAL LAND OFFICE.

[Faint handwritten notes and signatures, including the word "Completed" visible at the bottom.]

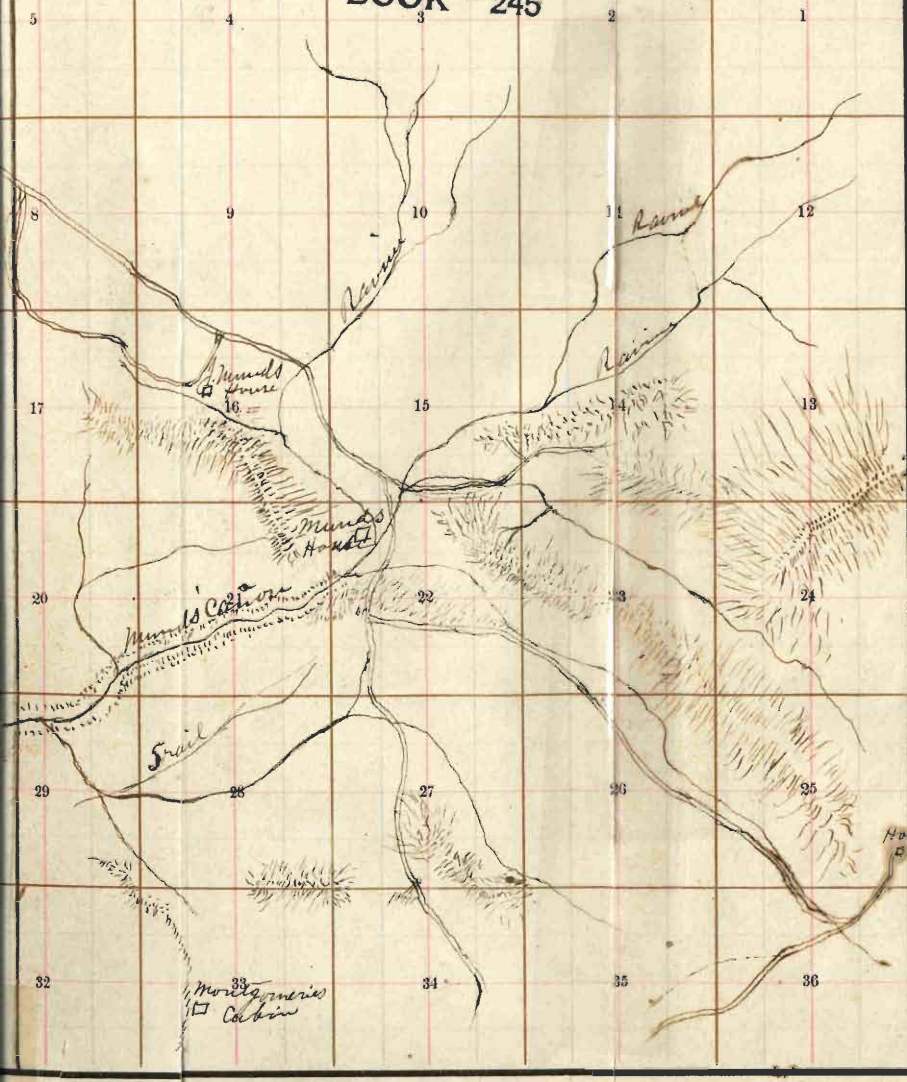
Plat of Fractional Township 18 N. R. 7 E

BOOK 245



Plat of Fractional Township 18 N R. 7 E.

BOOK 245



No 245 - 2

Subdivisions of the 18th Range & Co

BOOK 245

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For Preliminary notes of assistants see
book No 7

General Description page 78

Subdivisions T 18. N Range 7 East

Preliminary to commencing this survey I ran, $N. 86^{\circ} 22' W$ on a blank line on the S. boundary of the $\frac{1}{4}$ Sec. 36 and at 40.05 - chs found the $\frac{1}{4}$ Sec Cor and at 80.07 found the Sec Cor. I also ran $N 0^{\circ} 21' W$ on the E boundary of Sec 36 and at 39.97 chs found the $\frac{1}{4}$ Sec Cor and at 79.95 found the Sec Cor.

My instrument will therefore run the same line with the exterior boundaries and the chaining practically agrees.

Survey commenced Aug 2, 1886 with a Transit with solar attachment - manufactured by W. and L. E. Gurley of Troy N.Y.

I commenced at the Cor to Secs 1, 2, 35 and 36 on the S. boundary of the $\frac{1}{4}$ previously described by me

Subdivisions T18 N R 7 E Continued
chs

Thence I run
North bet Secs. 35 and 36
70 14° 10' E

- Over high rolling ground
- 28.50 Cross wagon road bet NE & SW
- 40.00 Set malpais rock 10 + 10 + 8 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 Juniper 20 ins diam bet N 82° E
100 chs dist marked $\frac{1}{4}$ S. B. T.
- A Pine 20 ins diam bet S. 144° 12' 92
chs dist marked $\frac{1}{4}$ S. B. T.
- 80.00 Set malpais rock 10 + 9 + 6 ins 7 ins
in the ground for Cor to Secs 25, 26.
35 and 36 marked with 1 notch on
Sand Edges and raised a
mound of stone alongside. From which
A oak 8 ins diam bet N 10° E 15 1/2

Sub divisions T. 18. N. R. 7. E. Anti
 chs

dit marked T. 18. N. R. 7. E. S. 25. B. T.

An oak 6 ins diam bet S 24° E 70 fks dist
 marked T. 18. N. R. 7. E. S. 36. B. T.

An oak 7 ins diam bet S 30° W 25 fks
 dit marked T. 18. N. R. 7. E. S. 34. B. T.

An oak 8 ins diam bet S 30° W 25 fks
 dit marked T. 18. N. R. 7. E. S. 26. B. T.

Land high rolling

Soil rocky - 3d rate

Timber heavy Pine + oak.

S. 86° 22' E. on a random line bet Secs 25 + 36
 7a 114° 10' E.

Over high rolling ground.

30.80 Cross pond to Hornbecks' bro N 110° SE

33.85 - Cross gulch 10 fks wide Course N 11

40.00 dit temporary 1/4 Sec Cor

68.30 Cross Hornbecks road bet SE + SW
 70 Hornbecks' House bro. N 27° 30' E 114.76 chs dist

79.80 Intersect E. boundary of sp 24 fks

Subdivisions T. 18, N. R. 7, E. Continued
 Obs

N. of the Cor. to Secs 25, 30, 31 and 36,
 previously described by me. Hence I run
 N 86° 12' W on a true line bet Secs 25-36
 with same on

39.90 Set malpais rock 4+947 ins. 6 ins in
 the ground for the Cor marked from
 N face and raised a mound of stone & lay out
 from which. An oak 9 ins diam bet
 N 85° E 17 cks dist marked 1/4 S. B. T.
 A Pine 24 ins diam bet S 14° W 27 cks
 dist marked 1/4 S. B. T.

79.80 The Cor. to Secs 25, 26, 35 and 36
 Land high rolling
 Soil rocky - 3d rate
 Timber heavy Pine oak.

Bearth 0° 21' W bet Secs 25 and 26
 Va 140 10' E
 Over rolling ground

Subdivisions T18, R2, E Continued
cls

- 30.00 Cross way on road bet N 70° S E
- 36.00 Cross gulch 10 lbs with Course N 17
- 40.00 Set malpais rock 16 + 10 + 6 ins 14 ins in
the ground for $\frac{1}{4}$ sec. Cor marked 4 in
N. face and raised a mound of stone
alongside. From which
An oak 8 ins diam bet N 20° E 80 lbs dist
marked $\frac{1}{4}$ S B. T.
- A Pin 15 ins diam bet N 50° W 60 lbs
dist marked $\frac{1}{4}$ S B. T.
- 60.00 Ascend slope of ridge bet S 15° S E
- 80.00 Set malpais rock 11 + 10 + 5 ins 9 ins
in the ground for Cor to Secs 23, 24
25 + 26 marked with 2 notches on Sand
& notch on E edge as and raised a mound
of stone alongside. From which;
A Pin 24 ins diam bet N 36° E 40 lbs dist
marked T. E. R. 7 P. S. 24 B. T.
- A Pin 26 ins diam bet S. 30° E 115 lbs dist

Sub-dominant T. S. R. 7 & 8 Comb -
 C. 60

marked T. S. R. 7 & 8 S 26 B. J.

A Pine 20 ins diam his S 74° 11' 60

His dist marked T. S. R. 7 C. S. 26 B. J.

An oak 5 ins diam his S 40° 11' 40 lbs

dist marked T. S. R. 7 C. S. 23 B. J.

Land high rolling

Soil rocky - 3 drake

Timber heavy Pine and oak.

S 86° 22' E. on a random line bet Secs 24 & 25 -

7a 140 10' E

Over high rolling ground

ascending N E slope of ridge

40.00 bet temporary 1/4 Sec Cor

46.90 Cross Gulch 15 lbs with course N W

79.88 Intersect E boundary of 1/4 42

lbs. N of the Cor. to Secs 19, 24, 25 & 30

previously described by me. Thence from

N. 86° 00' W. on a true line bet Secs 24 & 25 -

Sub divisions T. 5. N. R. 7. E. Contd.

Chs

with same no

39.94 Det malpais rock 10+10+8 ins 7 ins in
the ground for 1/4 sec cor marked 1/4
on N. face and raised a mound of
ston along side. From which
An oak 5 ins diam bet S 84 E 90 chs
det marked 1/4 A 23. T.

An oak 5 ins diam bet N 80 W 36 chs
det marked 1/4 A 13. T.

79.88 The Cor to Secs 23, 24, 25 + 26

Land high rolling

Soil rocky - 3rd rate

Timber heavy pine & oak.

N. 0° 21 W. bet Secs 23 and 24

wa 140° 10' E

Over high rolling ground

ascending gradual slope of ridge

38.00 Cross gulch rocks with Course N. W

and ascend

Subdivisions T, R 7 E Contd

cks

40.00 Rock in place 4 + 3 + 3 feet above ground which I mark with a (+) cross at the exact center point for 1/4 Sec 10. marked 1/4 N of Cross. from which, A Pin 40 ins diam bet S E 45 cks marked 1/4 S B. T.

An oak 6 ins diam bet S W 70 cks bet marked 1/4 S B. T.

80.00 About 50 feet above gulch - Set Malpais rock 12 + 10 + 6 ins 8 ins in the ground for Cor to Secs 13, 14, 23 and 24 marked with 3 notches on S and 1 notch on E edge and raised a mound of stone along ridge. From which, A Pin 10 ins diam bet N 62° E 49 cks bet marked T, R 7 E S 13 B. T.

A Pin 16 ins diam bet S 10° E 10 cks bet marked T, R 7 E S 24 B. T.

Subdivision T. 8. N. R. 7 E. cont.

At Pine 14 ins diam tree S 70° W 140 lks
 dist. marked T. 8. N. R. 7 E S 23 B. T.
 At Pine 16 ins diam tree N 20° W 80 lks dist.
 marked T. 8. N. R. 7 E S 14 B. T.
 Sand high rolling
 Soil rocky - 3d rate
 Timber heavy Pine & oak

S 86° 22' E on a random line bet Secs 13 & 24
 70 140° 10' E

One high rolling ground
 40.00 Set temporary 1/4 Sec Cor
 Ascending NW slope of ridge
 60.00 Top of ridge ^{70 feet high} bet S 60° E & S 60° W
 and descend SE slope.
 80.00 Intersect E boundary of the 17
 lks S of the Cor to Secs 13, 18, 19 and 24
 previously described by me; thence S
 N. 86° 29' W on a true line bet Secs 13 & 24

Subdivision T. 8. N. R. 2 E. Cont.

chs

with some 700

40.00 Set sulphur rock 12 + 10 + 6 ins.
 8 ins in the ground for $\frac{1}{4}$ the cor
 marked $\frac{1}{4}$ S. N. A face and raised a
 mound of stone alongside; From which
 A Pine 10 ins diameter N 60° E 22 lbs
 dist marked $\frac{1}{4}$ S B. T.
 A Pine 30 ins diameter S 47° E 46 lbs
 dist marked $\frac{1}{4}$ S B. T.

80.00 The Cor. to Secs 13, 14, 23 & 24

Land high rolling

Soil rocky - 3d rate

Timber heavy Pine & oak

Aug. 3d 1856

N 0° 21' W bet Secs 13 and 14

70 14 $^{\circ}$ 10' E

Over high rolling ground
 descending gradual slope

Subdivisions T18, R7 & Center
C63

40.00 Set malpais rock 10+10+8 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; From which
A Pine 22 ins diam has NW 2 chs dia
marked $\frac{1}{4}$ S 73 T

A oak 8 ins diam S 60° E 35 chs dia
marked $\frac{1}{4}$ S 13, T.

80.00 Set malpais rock 10+9+6 ins 7 ins
in the ground for Cor to Secs 11, 12
13 and 14 marked with 4 notches
on S and 1 notch on E edges and
raised a mound of stone along side
From which: A Pine 20 ins diam has S 60° E
go chs dia marked $\frac{1}{4}$ S 7 E 8 12 B, T.
A Pine 40 ins diam has S 85° E 100 chs
dia marked $\frac{1}{4}$ S 7 E 8 13 B, T.
A Pine 12 ins diam has S 71° E 110 chs dia
marked $\frac{1}{4}$ S 7 E 8 14 B, T.

Sub divisions T 18 N R 7 E Contn
chs

A Pine 26 in diam brs at 80° 75 10 lbs
Set marked T 18 N R 7 E S 11 B. T.
Land high rolling
Soil rocky - 3 ft sub-
Timber heavy Pine & oak.

S $86^{\circ} 22'$ E on a random line bet Secs 12 & 13
72 140 10' Ee

Over high rolling ground

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

59.00 Cross gulch 50 lbs wide Course NW.

79.92 Intersect E boundary of T_h
25 chs N of the Cor to Secs 7, 12
13 & 18 previously described by me
Thence I run

N $86^{\circ} 11'$ W. on a true line bet Secs 12 & 13

39.96 Set malpais rock of 4 x 8 in Ans
in the ground for $\frac{1}{4}$ Sec Cor
marked from it face and raised

Sub divisions T, E, R, & E Cor
 clos

a mound of stone clay side. From which
 A Pin 2 pins diam bet S.E. 50 lks dist
 marked $\frac{1}{4}$ S. B. T.

In out 8 ins diam bet N 70° E 40 lks
 dist. marked $\frac{1}{4}$ S. B. T.

79.92 The Cor to Secs 11, 12, 13 & 14

Land high rolling
 Soil rocky - 3d rate
 Timber heavy Pin oak

Point 0° 21' N bet Secs 11 and 12

wa 140° 10' E

Over high rolling ground
 10.50 Cross near in 50 lks with Course 27

40.00 bet malpais rock 10 + 10 + 7 pins in
 the ground for $\frac{1}{4}$ Sec Cor marked
 "near N face and raised a mound
 of stone clay side. From which
 A Pin 30 ins diam bet N 35° E 2 lks

Sub divisions T 15 N R 7 E Cont'd
Chs

marked $\frac{1}{4}$ S 13. T.

A Pin 24 ins diam hrs S 80° W 50 lbs
dist marked $\frac{1}{4}$ S 13. T.

52.00 Brass pin 45 lbs wide base S 60° W

80.00 Set malpais rock 12 + 9 + 7 ins 7 ins
in the ground for Cor to Secs.

1, 2, 11 and 12 marked with
5 notches on Sand 1 notch on Edges
and raised a mound of stone
alongside. From which

A Pin 14 ins diam hrs N 30° E 60 lbs dist
marked T 15 N R 7 E S 1 B. T.

A Pin 18 ins diam hrs S 10° E 120 lbs
dist marked T 15 N R 7 E S 2 B. T.

A Pin 12 ins diam hrs S 40° W 30 lbs
dist marked T 15 N R 7 E S 11 B. T.

A Pin 30 ins diam hrs N 1° W 35
lbs dist marked T 15 N R 7 E S 2 B. T.

Sand high rolling

Syst division 2 T 8 N R 7 E cont
 Cas

Soil rocky - 3d rate -

Timber heavy Pine & oak.

S 86° 22' E. on a random line bet Secs 10 & 12

4a 110° 10' E

Over high rolling ground

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

49.00 Cross ravine 40 lks with Course S 110

79.90 Intersect E boundary of T 8 N R 7 E of

the Cor to Secs 10, 7 and 12 previously

described by me. Thence I run

N 86° 10' W on a true line bet Secs 10 & 12

with same run

39.95 Set malpais rock 12 + 10 + 8 ins 8 in's

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

on N face & raised a mound of stone

alongside. From which

A Pine 10 in's diam bet S 38° E 60

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

Sub divisions T & R 7 & 2 cont

Chs

A Pine 14 ins diam bet N 5⁰ 20 lks
dist marked 1/4 S 36 B. T.

29.90 The Cor to Sec 1, 2, 11 & 12

Land high rolling

Soil rocky - 3d rate

Timber heavy pine & oak

Next 0' 21" N on a random line bet Sec 1 and 2

70 140 10' E

Open high rolling ground

40.00 Set temporary 1/4 sec cor

82.19 Intersect A boundary 17 lks N of
the Cor to Sec. 1, 2, 35 and 36 which
is a malpais rock 10 + 15 ins marked
with 1 notch on E and 5 notches on
W edges. From which

A Pine 14 ins diam bet N 6⁰ E 43 lks
marked 1/4 T & R 7 & 2 S 36 B. T.

A Pine 24 ins diam bet S E 65 lks

dist divisions T. 8. N. R. 7. E. 2
cls

dist marked T. 8. N. R. 7. E. S. 1. B. T.
A Pine 26 ins diameter S 1/2 W 40 lbs

dist marked T. 8. N. R. 7. E. S. 2. B. T.
A Pine 22 ins diameter N 67 W 40 lbs

dist marked T. 9. N. R. 7. E. S. 3. B. T.
Thence I run

S 0° 14' E on a timber lot west of
with same run

47.19 Red malpais rock 13 + 8 + 7 ins
pins in the ground for 1/4 sec or
marked 1/4 on its face and raised a
mound of stone alongside. From which
A Pine 14 ins diameter NE 12 lbs dist
marked 1/4 S B. T.

A Pine 27 ins diameter NW 70 lbs dist
marked 1/2 S B. T.

82.19 The lot to bees 1. 2. 11 and 12

Land high rolling
Soil rocky - 3d class
Timber heavy pine & oak

Subsidiary 7, 8, 9, 22, 23 Cont
cks

I examined my instruments
to day and found it to be in
perfect adjustment.

Aug. 4, 1886

From the Cor. to Secs 2, 3, 34 and 35
on the S. boundary of the T^h,
previously described by me, I run
North $0^{\circ} 21' 11''$ bet - Secs 34 and 35 -

22 $14^{\circ} 8' E$

Over high pulling ground
40.00 Set malpais rock 12 + 10 + 8 ins
8 ins in the ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N. face & raised
a mound of stone along side; From which
A Pin 22 ins diam bet N 15 E 150 lbs
dist marked $\frac{1}{4}$ S B. T.

A Pin 12 ins diam bet N 10 W 148
lbs dist marked $\frac{1}{4}$ S B. T.

80.00 Set malpais rock 14 + 10 + 6 ins

Subdivisions T18 N R7 E contd
chs

9 ins in the ground for Cor to Recs 26
27. 34 and 35 marked with 1 notch
n-S and 2 notches on E edges and raised
a mound of stone along side; From which
A Pin 18 ins diam hrs N 112° E 31 lbs dist
marked T18 N R7 E S 26 B.T.
A Pin 20 ins diam hrs S 42° E 35 lbs
dist marked T18 N R7 E S 33 B.T.
A Pin 16 ins diam hrs S 50° W 107 lbs
dist marked T18 N R7 E S 34 B.T.
An oak 8 ins diam hrs N 40° W 110 lbs
dist marked T18 N R7 E S 27 B.T.

Land high rolling

Soil rocky - 3d rate

Timber heavy Pine cut oak

S 86° 22' E on a random line bet Secs 26 & 35

70 140 08' E

One high rolling ground

Subdivision T 18 N R 7 E Contin

chw

11.00 Cross gulch 10 lbs with Course $N 70^{\circ} W$

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

80.08 Intersect $N + S$ line at the cor to Secs

25, 26, 35 and 36. Thence Run

$N 86^{\circ} 22' W$ on a true line bet Secs 26 & 35

with same $\frac{1}{4}$

40.00 Set multipair rock 12 + 10 + 6 in's 8 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. From which

A Pine 15 in's diam bears $N 60^{\circ} W 200$

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

A Pine 18 in's diam bears $S 80^{\circ} E 10$

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

80.08 The Cor to Secs 26, 27, 34 & 35 -

Land high rolling

Soil rocky - 3d rate

Timber heavy Pine rock

Sub divisions T 18. N. R. 7 E Cont
cls

North $0^{\circ} 21' N$ bet Secs 26 and 27

44 $114^{\circ} 05' E$

Over high rolling ground

2.40 Cross gulch 10 lbs side Course $N 60^{\circ} W$

40.00 Set maulpau's rock 10 + 10 + 8 ins 7 ins
in the ground for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{2}$ Sec N face and raised a
mound of stone alongside from which
A Pni 15 ins diam hrs $N 2^{\circ} E$ 146 lbs
dist marked $\frac{1}{4}$ S. B. T.

A Jumper 30 ins diam hrs $S 5^{\circ}$ 181 lbs
cls dist marked $\frac{1}{4}$ S. B. T.

57.00 Jumper 26 ins diam

80.00 Set maulpau's rock 16 + 10 + 5 ins
12 ins in the ground for Cor to
Secs 22, 23, 24 & 27 marked with
2 notches on S and E edges &
raised a mound of stone alongside from which
A Pni 16 ins diam hrs $N 38^{\circ} E$ 145 lbs

Subdivision T. 8. N. R. 7. S. Continued
 lbs

- dist marked T. 8. N. R. 6. E. S. 23. B. T.
- A Pine 8 ins diam tree at 35.00 115 lbs
- dist marked T. 8. N. R. 7. S. 24. B. T.
- A Juniper 2.5 ins diam tree at 0.72 190
- lbs dist marked T. 8. N. R. 7. E. S. 27. B. T.
- A Juniper 1.5 ins diam tree at 40.18 220
- lbs dist marked T. 8. N. R. 7. E. S. 22. B. T.

Land high rolling
 Soil rocky - 3d rate -
 Timber heavy Pine oak & juniper

S 86° 22' E on a random line bet Secs 23 & 24
 7a 114° 08' E

- over high rolling ground
- 26.00 Cross way on road bet Secs 23 & 24
- 40.00 At temporary 1/4 sec Cor
- 47.00 Cross gulch 15- lks wide Course N. 70° E
- 80.00 Culvert at S line 15- lks S of the Cor to Secs 23, 24, 25 & 26

sub divisions T 18 R 7 E Cont
cho

Thence I run

N 86° 28' W on a true line bet Secs 23 & 26
with same r/c

Over high rolling ground

40.00 Set malpais rock 10 + 8 + 7 ins

7 ins in the ground for 1/4 sec
Cor marked 1/4 on N face & raised
a mound of stone along side; From which

A Pine 18 ins diam bet S 46 72 15 lbs
dist marked 1/4 S 13. 7

A Pine 24 ins diam bet S 46 02 90
lbs dist marked 1/4 S 13. 7

80.00 The Cor to Secs 22, 23, 26 and 27

Land high rolling

Soil rocky - 3d rate

Timber heavy pine oak

Aug. 5th 1886

Sub divisions. T. 18. R. 2 E. Cont
Chs

North $0^{\circ} 21' N$ bet Secs 22 & 23

7th 140 08' E

- Over high rolling ground
- 20.00 Cross prairie road bet No 8 & E
- 22.00 Cross gulch 200 yds wide Course N 70
- 40.00 Set mulpauis rock 12 + 10 + 6
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 along
side from which; A Pine 20 ins diam
bet N 20° E 40 yds dist marked $\frac{1}{4}$ S. S. 10
- A Pine 15 ins diam. bet S 18° W
45 yds dist marked $\frac{1}{4}$ S. S. 10
- 42.00 Top of edge of mesa bet No 8 & E
descend slope
- 65.00 Foot of slope 60 feet below
mesa Cross prairie 200 yds wide Course N 70
- 80.00 Set mulpauis rock 13 + 10 + 6 ins
7 ins in the ground for Cor to

Sub divisions T 18 N R 7 E Cont
Chs

Secs 14, 15, 22 and 23 marked
with 3 notches on S and 2 notches
on E edges and raised a
mound of stone along side: From
which: A Pine 20 ins diameter N 60° W
116 lks dist marked T 18 N R 7 E S 13 B 7
A Pine 15 ins diameter N 30° E 240
lks dist marked T 18 N R 7 E S 14 B 7
No other bearing trees within limits.

Land high rolling
Soil rocky - 3d rate
Timber heavy Pine & oak

S 86° 22' E on a point on pine bet Secs 14 & 23
7a 140° 10' E

over rolling ground

8.00 Cross gulch 15 lks wide Course NW
30.00 Ascend SW slope of ridge
40.00 Ret temporary 1/4 sec cor

Sub divisions T. 18. N. R. 7. E Cont
Chs

79.94 60 feet above $\frac{1}{4}$ Sec Cor

Intersect N + S line at the Cor

to Secs 13, 14, 23 + 24 Hence Iron

N $84^{\circ} 22'$ W on a true line bet Secs 14 + 23

with same run

39.97 Set - mulpha's rock 24 + 15 + 4 in

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

marked $\frac{1}{4}$ on surface & raised a

mound of stone along side from which

A Pine 20 in diam bet N 60° W 16 lbs

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

A Pine 18 in diam bet S 20° W 50 lbs

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

79.94 The Cor to Secs 14, 15, 22 + 23

Land mountainous

Soil rocky 3rd cut -

Timber heavy Pine & oak

Subdivision T. 8. N. 2. E. Cont.

Chs

Start $0^{\circ} 21' W$ bet Secs 14 and 1572a $114^{\circ} 10' E$

Over high rolling ground

Crossing valley bet 8+11

9.00 Cross Gutch 18 chs wide course W

16.00 Cross wagon road bet N 20 S W

20.00 Leave valley & ascend gentle slope

23.00 Top of low ridge bet N. E. & W

37.00 Cross gulch 15 chs wide course W

40.00 Set malpais rock 15 + 12 + 4 ins

10 ins in the ground for $\frac{1}{4}$ SecCor marked $\frac{1}{4}$ on W face

and raised a mound of stone

along side; From which

A Pine 16 ins diam bet N 8 W

56 chs dist marked $\frac{1}{4}$ S. 13. T.

A Pine 18 ins diam bet S 18 E

15 chs dist marked $\frac{1}{4}$ S. 13. T.

80.00 Set malpais rock 14 + 12 + 4 ins

8 ins in the ground for Cor to

Subdivisions T 8 N R 7 E Cont

Chs

Secs 10-11, 14 and 15 marked
with 4 notches on S and 2 notches
on E edges and raised a mound
of stone along side; From which;
A Pine 14 ins diam brs N 46° E 47 lks
dist marked T 8 N R 7 E S 11 B, T
A Pine 16 ins diam brs S 7° 30' E 26 lks
dist marked T 7 N R 7 E S 14 B,
A Pine 14 ins diam brs S 18° 7' 50 lks
dist marked T 8 N R 7 E S 15 B, T.
A Pine 10 ins diam brs N 15° 7'
12 lks dist marked T 8 N R 7 E S 10 B

Land high rolling
Soil rocky - 3d rate -
Timber heavy, Pine & oak,

S 60° 22' E on a random line bet Secs 11

on 14° 10' E

Over high rolling ground.

Subdivisions T 17 N R 7 E

ch

34.00 Cross ravine 25 chs with course SW

40.00 Set temporary 1/4 sec cor

72.00 Cross ravine 3 chs with course SW

80.10 Intersect of Stone at the Cor to Sec

11, 12, 13 & 14; Thence Drive

N 86° 22' W on a true line bet Secs 11 & 14

with same va

40.05 - Set maul pair rock 12 + 10 7 ins 8

ins in the ground for 1/4 sec cor

marked 1/4 in N face and raised a

manul of stone along side. From which

A Pine 26 ins diam bet S 15° 47' 30 chs

dist marked 1/4 S. B. T.

A Pine 30 ins diam bet N 40° 2

43 chs dist marked 1/4 S. B. T.

80.10 The Cor to Secs 10, 11, 14 & 15 -

Land high rolling

Soil rocky - 3d rate

Timber heavy Pine and oak

ls

T

T

74

Subdivisions T. 18. N. R. 7. E. Cor
chs

Bath 0° 21' N bet Secs 10 & 11

72 144° 10' E,

On rolling ground

40.00 Set mulpais rock 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 along side from which

A Pin 11 in's diam bet N 5° E 130 lbs

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

A Pin 15 in's diam bet S E 145 lbs

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

80.00 Set mulpais rock 12 + 10 + 5-

in's 8 in's in the ground for Cor to

Secs 2, 3, 10 and 11 marked with

5 notches on S and 2 notches on

2 edges and raised a mound

of stone along side from which

A Pin 26 in's diam bet N 30° E

45 lbs dist marked T 18 N R 7 E S 7 B. T

Subdivision T18N R7 E Cont
cls

A Pm 24 ins diam tree S50°E 130

cls dist marked T18N R7 E S 11 B. T.

A Pm 22 ins diam tree S40°W 102

cls dist marked T18N R7 E S 10 B. T.

A Pm 30 ins diam tree S47°W 94 cls

dist marked T18N R7 E S 3 B. T.

Land high rolling

Soil rocky - 3d cat -

Timber heavy Pm + oak

S86°22'E on a random line bet Secs 2 & 11

7a 14°10'E

Over rolling ground

40.00 Rd temporary 1/4 sec cor

79.83 Subdivided N + S line 21 cls at of the

Cor to Secs 1, 2, 11 and 12 ^{range} Thence

N86°13'W on a true line bet Secs 2 & 11

with same 7a

39.91 Set malpais rock 10 + 10 + 9 ins

Subdivisions T₁ & R₂ & Cont₁
chs

pins in the ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ on N face & raised a
mound of stone along side from which
A Pin 15 is drawn to S & 50 lbs dist
marked $\frac{1}{4}$ S B. T.

A Pin 25 is drawn to S & 140 lbs
dist marked $\frac{1}{4}$ S B. T.

79.83 The Cor to Secs 2, 3, 10 & 11

Land light rolling

Soil rocky - 3d rate

Timber heavy Pine & oak

No 21' on a random line to Sec 2 & 3

72 140 10' E

over rolling ground

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

81.62 Intersect N boundary of T₁ at
the Cor to Secs 2, 3, 34 and 35 -
which is a malpais with 17

Dist. *Pinus* T. 18 N. R. 7 E. Center
cls

+ 5 ins marked with 2 notches
on E + 4 notches on W edges; From
which An oak 7 ins diam has N 60° E 33
lbs dist marked T. 19 N. R. 7 E S 35 B. T.
An oak 6 ins diam has S 80° E 9 lbs
dist marked T. 18 N. R. 7 E S 2 B. T.
An oak 6 ins diam has S 40° W 75 lbs
dist marked T. 18 N. R. 7 E S 3 B. T.
A Pine 14 ins diam has N 114 lbs
dist marked T. 19 N. R. 7 E S 34 B. T.

Thence I run

S 0° 21' E on a true line bet Secs 2 & 3.

with same run

41.62 Set sulphur rock 13 + 7 + 6 ins
9 ins in the ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ on N face and raised
a mound of stone alongside; From
which A Pine 27 ins diam has N 80° E
110 lbs dist marked $\frac{1}{4}$ S. B. T.

Sub divisions T 18. S 27. E continued
c 60

A Pine 15 ins diam has 112 40 lts dia
marked $\frac{1}{4}$ S B. T.

81.62 The Cor to Secs 2, 3, 10 and 11

Ground high rolling

Soil rocky - 3d rate -

Timber heavy Pine & oak

I examined my instrument to day
and found it to be in perfect order

Aug. 6th 1886.

From the Cor to Secs 3, 4, 33
and 34 on the S boundary of
the T^h previously described
by me: I run

No^o 21^{ft} bet - Secs 33 and 34

7a 140° 11' E

Over rolling ground

40.00 Set walrus' rock 12 + 10 + 8
ins 8 ins in the ground for

Subdivisions T N A R 7 E Conti
chs

74 Sec Cor marked $\frac{1}{4}$ on N face
and raised a mound of stone
alongside. From which
A Pine 16 ins diam bro N 30° N 40 lbs
dist marked $\frac{1}{4}$ S B, T
A Pine 20 ins diam bro S 15° E 62 lbs
dist marked $\frac{1}{4}$ S B, T

75.00 Commence to ascend rocky slope
80.00 Top of E spur of rocky ridge 3 feet high
bro E-N Rock in place 20+120+10
ins above ground which I mark
with a (+) cross at the exact Cor
point for Cor to Sec 27, 28, 33 & 34
marked with 1 notch on S
and 3 notches E of cross
From which: An oak 6 ins diam bro N 39° E
60 lbs dist marked $\frac{1}{8}$ N R 7 E 8 27 B, T
A Pine 16 ins diam bro S 20° E 18 lbs
dist marked $\frac{1}{8}$ N R 7 E 8 34 B, T

Sub divisions T. 18. N. R. 7 E. Cont.

A Pine 12 ins diam hrs S 40° 12' 41"
Ebs dist marked T. 18. N. R. 7 E. S. 3300

An oak 8 ins diam hrs N 30° 10' 15" - Ebs
dist marked T. 18. N. R. 7 E. S. 28135

Land high rolling
Soil rocky - 3d rate
Timber heavy Pine + oak.

S 86° 22' W on a random line bet Secs 27 and 30
72 14° 11' E

Over rolling ground

32.00 Cross Flagstaff + verde road hrs N 20° W

40.00 Set temporary 1/4 sec cor

59.00 Commence to ascend SW slope of ridge

80.12 40 feet high - ridge hrs N 25° W + S 20° W

Intersect N + S line 34 Ebs Sep the

Cor to Secs 26, 27, 34 + 35; Thence S run

N 86° 03' W on a true line bet Secs 27 + 30
with same ra

Sub divisions T. 8. N. E. 7 E. Cont.

cls

40.06 Set malpais rock 10+9+8 ins 7 ins
 in the ground for 1/4 Sec Cor marked
 1/4 on N face and raised a mound
 of stone alongside: - From which
 A Pin 10 ins diam brs N 60° W 40 lbs
 dist marked 1/4 S B. I.
 A Pin 16 ins diam brs S 16° E 120
 lbs dist marked 1/4 S B. I.

80.17 The Cor to Secs 27, 28, 33 and 34
 Land high rolling
 Soil rocky - 3d rate -
 Timber heavy Pine & oak

North 0° 21' W bet - Secs 27 and 28
 70 140 N E

Over rolling ground. Ascending
 8.00 Foot of slope 40 feet below Sec Cor

40.00 Set malpais rock 10+10+8 ins
 7 ins in the ground for 1/4 Sec Cor

Subdivision T. S. R. 7 E. Cont.

Chs

marked $\frac{1}{4}$ on N face and raised a mound of stone along side; From which
A Pin 9 ins diam brs S 112° E 40 lbs
marked $\frac{1}{4}$ S. B. T.

No other bearing tree within limits-

68.50 Cross rocky gulch 20 feet deep 50 lbs wide covered

80.00 Set malpais rock 12 + 10 + 6 ins 8 ins
in the ground for Cor to Secs 21, 22, 23

and 28 marked with 2 notches on S
and 3 notches on E edge and raised
a mound of stone along side; From which

A Pin 20 ins diam brs N 15° E 130 lbs
marked T. S. R. 7 E S 22 B. T.

A Pin 22 ins diam brs S 80° E 110 lbs
dit marked T. S. R. 7 E S 27 B. T.

A Pin 30 ins diam brs S 76° E
140 lbs dit marked T. S. R. 7 E S 28

A Pin 15 ins diam brs N 8° W 15 lbs dit
marked T. S. R. 7 E S 21 B. T.

Subsidiary T&P 2 & 3 cont'd
cks

Land high rolling
Soil rocky - gravel
Timber heavy, Pin oak.

At $86^{\circ} 22' E$ on a random line bet lines 22 & 27
7a $14^{\circ} 11' E$

Over rolling ground

- 15.00 Cross gulch 15 chs wide Course S
- 23.00 Cross Haystack & fence road bet A & B 20 ft
- 40.00 Set temporary 1/4 Sec Cor
- 80.06 Submerge A & B line at the Cor to Secs
22, 23, 26 and 27. Thence I run
At $86^{\circ} 22' W$ on a true line bet Secs 22 & 27
with some run
- 40.03 Set wellpaid pick 10 + 10 + 6 in
7 in in the ground for 1/4 Sec Cor
marked 1/4 on N face and raised a
mound of stone alongside from which
A Pine 14 in diam bet A & 27 $0^{\circ} 82$ chs

Subdivisions T. 18. N. R. 2. E. Contd.

ch²

dist marked $\frac{1}{4}$ S. 13. T.

A Pin 27 ins diam has S.E. rocks

dist marked $\frac{1}{4}$ S. 13. T.

80.06 The cor to Secs 21, 22, 27 and 28

Land high rolling

Soil rocky - Ed rate

Timber heavy, Pin oak

Aug. 7, 1886.

Bearth $0^{\circ} 21' 11''$ bet Secs 21 & 22

" " $14^{\circ} 11' E$

Over broken ground

Commence to descend from mesa

40.00 50 feet below mesa. Left bank of

Mundo Cañon. Rock in place

3 + 3 + 2 feet above ground which

I mark with a ⁽⁺⁾ cross at the exact

cor point for $\frac{1}{4}$ sec cor marked

$\frac{1}{4}$ W. of cross. From which

A Pin 15 ins diam has S.E. rocks

Sub divisions T. 18. N. R. 7. E. C. 11

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

A Pin 30 in diam has 117 lbs

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

42.50 Bottom of Cañon 3 chs W of its head 25
feet deep 60 lbs with at bottom Course S. W.

45.30 Right bank of Cañon

80.00 Set maul pin rock 12 + 10 + 8 in 8 in
in the ground for Cor to Sect 15, 16

21 and 22 marked with 3 molars
on sand & edges: From which

A Pin 27 in diam has N 3° E 24 lbs

dist marked T. 18. N. R. 7. E. S. 15 B. T.

A Pin 36 in diam has S 80° E 180 lbs dia

marked T. 18. N. R. 7. E. S. 22 B. T.

A Pin 30 in diam has S 20° W 45

lbs dist marked T. 18. N. R. 7. E. S. 21 B. T.

A Pin 28 in diam has N 72° W 200

lbs dist marked T. 18. N. R. 7. E. S. 16 B. T.

From this Cor Munds house and

Just divisions T & R 7 E on
ch^o

improvements - br S.E. 8000 dist -

Land mountainous

Soil rocky - 3d cont

Timber heavy, Pine & oak

S 86° 22' E on a random line bet Secs 15 & 22

on 114° 11' E

Over rolling ground

10.00 Cross wash 20 cks with Course S.E.

23.00 Cross flagstaff & kerb post brs N & S

25.00 Cross ravine 40 cks with Course S 20° W

40.00 Set temporary 1/4 in cor

45.00 Cross fence brs N & S in the field

51.00 Cross a fence brs N & S E corner field

80.10 Intersect N & S line at 1/4 in cor to

Secs 14, 15, 22 and 23. Hence I run

N 86° 22' W on a true line bet Secs 15 & 22

with same on

Over rolling ground

Subdivision 118.4 R. 7 E. Cont.

chs

40.05 Set a post 3 ft long 3 in sgn with
marked stem 12 in in the ground
for 1/4 ac or marked 1/4 ac face
diag pit 15 + 18 + 12 in E + N of post
5 1/2 ft - dist and raised a mound of
earth 1 1/2 ft high 3 1/2 ft base around post
No burning trees within limits

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

Sand rolling

Soil 2nd and 3d rate

Timber 30 ch heavy Pine 50 chop

North 0° 21' N bet Secs 15 and 16

2d 140° 11' E

Over rolling ground

12.00 Cross north 20 chs with corner S E

27.00 Leave open ground, enter heavy Pine

34.00 Cross Flystuff & Berd road bet N + S E

40.00 Set mark pits with 16 + 10 + 14 in 12 in

Subdivisions T 18, R 27, E Cont.

Chas

in the ground for 4th or marker
 1/4 sec N face and raised a mound of
 stone along side. From which
 A Pine 16 ins diam hrs S 150° E 150 fts
 dist marked 1/4 T B. T.

A Pine 11 ins diam hrs S 17 1/2° E dist
 marked 1/4 S B. T.

64.00 Cross gulch 16 fts wide Course S E

80.00 Set - snail pair, rock 10 + 10 + 7 ins 7 ins
 in the ground for Cor to Secs 9, 10, 15
 and 16 marked with 4 snail holes on S
 and 3 snail holes on E edges and raised
 a mound of stone along side. From which.

A Pine 40 ins diam hrs N 85° E 50 fts
 dist marked T 15 at R 7 E S 10 B. T.

A Pine 22 ins diam hrs S 60° E 110 fts
 dist. marked T 15 at R 7 E S 15 B. T.

A Pine 30 ins diam hrs S 20° E 85 fts
 dist marked T 15 at R 7 E S 16 B. T.

Sub divisions T. E. N. R. 7 & 8 Contn =

A Pin 30 ins diam bers A 207r 65 cks

dist marked T & R 7 & 8 of B. T.

Land rolling

Soil rocky - 3rd rate -

Timber 53 cks heavy pine 27 cks of -

S 86° 22' E on a random line bet Secs 10 & 15

on 14° 11' E

over rolling ground

16.00 Cross with 14 cks wide Course S E

40.00 Set temporary 1/4 sec cor

79.94 Intersect A & S line 47 cks S of the

Cor to Secs 10, 11, 14 & 15. Thence S on

A 86° 42' W on a true line bet Secs 10 & 15

with same run

39.97 Set metal pins rock 10 + 9 + 7 ins

7 ins in the ground for 1/4 sec cor

marked from A face and raised

a mound of stone along side. From which

Subdivisions T18 R7 E Contin
cks

79.94 The cor to Secs 9, 10, 15 and 16

Level rolling

Soil rocky - 3d rate

Timber heavy, Pine oak,

North $0^{\circ} 21' N$ bet Sec 9 and 10

70 $14^{\circ} 11' E$

Over rolling ground

40.00 Set wellpoin rock 8+8+8 ins

6 ins in the ground for 4 sec

Cor marked $\frac{1}{2}$ on N face and
raised a mound of stone along side from which

A Pine 18 ins diam hrs S 76 E 30 cks

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

A Pine 42 ins diam hrs S 107 W

45 cks dist marked $\frac{1}{4}$ S. B. T.

80.00 Set limestone 20+12+10 ins 16 ins

in the ground for Cor to Secs

3, 4, 9 and 10 marked with 5 notches

sub divisions T 8 N R 7 E Contd

chs

on Sand 3 notches on E. edge &
raised a mound of stone alongside from which:
A Pine 20 ins diam hrs N 75° E 40 lks dis
marked T 8 N R 7 E S 3 B. T.

A Pine 30 ins diam hrs S 73° E 40
lks dis marked T 8 N R 7 E S 10 B. T.

A Pine 26 ins diam hrs S 63° W 48 lks
dis marked T 8 N R 7 E S 9 B. T.

A Pine 12 ins diam hrs N 80° W 60 lks
dis marked T 8 N R 7 E S 11 B. T.

Sand high rolling

Soil rocky - 3d sub -

Timber heavy Pine

S 86° 22' E. on a random line bet Secs 30 & 40

72 140 10' E

over rolling ground

28.40 Cross wash 8 lks with Course S

39.00 Cross wash 12 lks with Course S 3° W

Sub divisions. T. S. R. 7 E. Cont.
chs

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

70.00 Cross wash 10 lks mid course ST

79.90 Intersect it & A line at the Cor to Secs

2, 3, 10 and 11, Thence Iron

At $86^{\circ}22'$ was a true line bet Secs 3 & 10

with some on

39.85 - Set malpais 10 + 10 + 8 in 9 in in

the ground for $\frac{1}{4}$ Sec cor marked

from St. Juan and raised on mound
of stone alongside. From which

A Pin 20 in diameter SE 120 lks
dist marked $\frac{1}{4}$ S. B. T.

A Pin 20 in diameter SE 74 lks

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

79.90 The Cor to Secs 3, 4, 9 and 10

Land high rolling

Soil rocky - 3d sub

Timber heavy, Pin oak.

Sub divisions T. 15. N. R. 7. E. Cont. -
 chs

Start on 21' on a random line bet Sec 3 and 4
 72 110 10' E

Open rolling ground

21.00 Cross wash 8 chs with course SE

40.00 Ret temporary 1/4 Sec cor

81.10 Intersect A boundary of H at the Cr.
 to Sec 3, 4, 33 and 34 which is a
 malpais rock 10+7 ins marked with
 3 wedges on E and 11 edges from
 which. A Pin 20 ins diam bet N 10° E 47 chs
 bet marked T. 14. N. R. 7. E. S. 34 B. T.
 A Pin 24 ins diam bet S. 70° E 50 chs
 bet marked T. 18. N. R. 7. E. S. 3 B. T.
 A Pin 26 ins diam bet S 80° W 75 chs
 bet marked T. 18. N. R. 7. E. Sec 3 B. T.
 A Pin 20 ins diam bet N 60° W 110 chs
 marked T. 14. N. R. 7. E. S. 33 B. T. Thence run
 S 21' E on a true line bet Sec 3 & 4
 with same run

Subdivisions T. 18, R. 2, E. section
 C. 10

41.10 Set walrus rock 12 + 9 + 7 in's
 8 in's in the ground for $\frac{1}{4}$ Sec cor
 marked $\frac{1}{4}$ in 11 face and raised a
 mound of stone along side; from stake
 A Pin 15 in's down has S 80° W 60 k's dia
 marked $\frac{1}{4}$ S. B. T.

A Pin 16 in's down has N 45° E 72
 k's dia marked $\frac{1}{4}$ S. B. T.

81.10 The Cor to Secs 3, 4, 9 and 10

Land high rolling
 Soil rocky - 3d rate
 Timber heavy Pin + oak.

Aug. 9 1886.

From the Cor to Secs 4, 5, 32 & 33
 on the S boundary of the $\frac{1}{4}$ previously
 described by me; I run
 North 00° 21' W bet Secs 32 and 33

72 140° 10' E

put down J 18 N 79 E cont
chs

Over high mesa

30.00 Montgomery Cabin and spring
E. about 20 chs

40.00 Set nut-pur's rock 10 + 10 + 8 ins 7 ins
in the ground for $\frac{1}{4}$ sec or marked
 $\frac{1}{4}$ on N face and raised a mound
of stone along side. From which
A Pin 8 ins diam has $S 3^{\circ} 40'$
Chs dist marked $\frac{1}{4}$ S B J.

A Pin 22 ins diam has $S 85^{\circ} 78' 80'$
Chs dist marked $\frac{1}{4}$ S B J.

79.00 descend from mesa 30 feet

80.00 Set nut-pur's rock 12 + 10 + 10 ins
8 ins in the ground for Ar to Pins
28, 29, 32 and 33 marked with
notch on S and 4 notches on E edges
and raised a mound of stone
along side. From which
An oak 10 ins diam has $S 68^{\circ} E$

Sub divisions T 18 N R 7 E Cont

cks

40 cks dist marked T 18 N R 7 E S 28 B. T.

An oak 6 in diameter S 60° E 20 cks

dist marked T 18 N R 7 E S 33 B. T.

An oak 4 in diameter S 26° W 12

cks dist marked T 18 N R 7 E S 32 B. T.

A Pine 18 in diameter N 50° W 80 cks dist

marked T 18 N R 7 E S 29 B. T.

Found high timber

Soil rocky - 3d rate

Timber heavy, Pine & oak.

S. 86° 22' E on a random point Sus 28033

7a 140 12 E

Over rolling ground

14.00 Cross gulch 8 cks wide Course NW

40.00 Put temporary 1/4 sec cor

45.00 Commence to ascend slope

48.00 Top of ridge 40 feet high by E side

80.00 Enter cut N of line 27 cks S.

Sub divisions T, R, N, Q, 7 & 8

cls

of the Co to Secs 27, 28, 33 & 34. Hence I run
N 86° 34' W on a true line bet Secs 28 & 33

with same ra

40.04 Set multipur rock 13 + 9 + 6 ins 9 ins in
the ground for $\frac{1}{4}$ Sec Co marked $\frac{1}{4}$
in N face and raised a mound of
stone alongside. From which
S Pine 27 is seen bet SE 1/4 lks dis
marked $\frac{1}{4}$ S B. T.

N Pine 27 is seen bet SE 2/8 lks
dist marked $\frac{1}{4}$ S B. T.

80.08 The Co to Secs 28, 29, 32 & 33

Land high rolling

Soil rocky - 3d rate

Timber heavy, Pine & oak

As this is a fractional Township
and I am running N bet the
Western tiers of sections

Sub divisions T18, R 79
Chs

From the Cor East named from
N 86° 22' W on a random line bet Secs 29 & 30
7n 14° 12' E

Over rolling ground

1.60 Top of Rocky mesa ^{40 feet high} bet NW & SE

40.00 Set temporary 1/4 Sec. Cor

51.12 Re-intersect NW boundary of the 15 chs

of the Cor to Secs 25, 29, 32 & 36

previously described by me, thence I run

S. 86° 12' E on a true line bet Secs 29 & 32

with some 200

11.12 Set Malpais well 10 + 10 + 5 in's of

in's in the ground for 1/4 Sec Cor

marked 1/4 on N face and raised a

mound of stone along side, from which

A Pin 15 in's diameter S 80° E 75 chs dist

marked 1/4 S.B. T.

A Pin 15 in's diameter S 27° W 56 chs

dist marked 1/4 S.B. T.

Subdivision T. 8. N. R. 7. E. Cont.

Chs 51, 12 The Cor to Secs 28, 29, 32 & 33

Land high rolling

Soil rocky - 3d rate

Timber heavy, Pine & oak.

North $0^{\circ} 21' W$ bet Secs 28 and 29

70 $141^{\circ} 12' E$

Over broken ground

12.00 Cross gulch 12 cks wide Course NW

39.70 Cross rocky gulch 20 feet deep Course W

40.00 Rock in place (boulder) on N bank
of gulch which I mark with
a (+) cross for its exact Cor point
for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ W
of Cross: - From which
A Pin 10 ins diameter S $3^{\circ} E$ 12 cks
dist marked $\frac{1}{4}$ S B. T.,
A Pin 20 ins diameter N $20^{\circ} W$ 100 cks
dist marked $\frac{1}{4}$ S B. T.,

Sub-divisions T18 N R7 E cont.

41.50 Cross Mounds trail hrs N50.8W

80.00 Set maffais rock 10+9+6 ins 7
ins in the ground for loc to Secs
20, 21, 28 and 29 marked with
2 notches on S and 4 notches on
E edges and raised a mound
of stone along side. From which
An oak 5 ins diam hrs N40°E 40 lbs
dist marked T18 N R7 E S 21 B, J,
A Pine 20 ins diam hrs S20°E 160
lbs dist marked T18 N R7 E S 28 B, J,
A Juniper 10 ins diam hrs N48°W 120
lbs dist marked T18 N R7 E S 20 B, J,
No other bearing tree within limits -
Sand rough broken
Soil rocky - 3 drake -
Timber heavy, Pine oak & Juniper

S86°22'E on a random line bet Secs 21 & 28

Submissions T. S. R. & Co. Cont'd
CR

7214° 12' E

Over rolling ground

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

61.10 Cross Mounds trail b/w NE & SW

8008 Intersect A and S line 32 cks N
of the Cor to Secs 21, 22, 27 and 28

Thence S run

N 86° 08' W on a true line bet Secs 21 & 28
with same 70

40.04 Set malpais rock 12 + 10 + 6 ins 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. From
this a jumper 24 ins diameter SE 288 cks
dirt marked $\frac{1}{4}$ S B. T.

A jumper 20 ins diameter NW 60
cks dirt marked $\frac{1}{4}$ S B. T.

80.08 The Cor to Secs 20, 21, 28 & 29
Land big rolling
soil rich - 3d rate
Timber Pine, Jumper, oak

Sub division T 18 R 7 E Cont
cks

N. 86° 22' W. on a random line bet Secs 20 & 29

7a 14° 12' E

Ozer broken ground

5.25 Left bank of Muddy Cañon

8.75 Cañon about 3.75 feet deep
Course SW

11.20 Right bank of Cañon

40.00 Set temporary 1/4 Sec Cor

51.25 Intersect N boundary of T 18
the Cor to Secs 20 24 25 & 29

Previously described by me from
S. 86° 22' E on a true line bet Secs 20 & 29
with same cu

11.25 Rock in place 40 + 20 + 10 ins
above ground which I mark
with a (+) cross at the exact
Cor point for 1/4 Sec Cor marked
1/4 N of cross and raised a
mound of stone alongside.

Subdivisions T. 18. N. R. 7 E. Contd.

cks

51.25 The Cor to Lics 20, 21, 28 and 29

Land rough broken

Soil rocky - 3d rate -

Timber Pine oak & Juniper

Sense brushNorth $0^{\circ} 21' N$ bet Lics 20 and 217a $14^{\circ} 12' E$

Over broken ground

13.00 Left bank of Mounds Cañon

16.00 Cañon about 350 feet deep Course str

19.00 Right bank of Cañon

40.00 Det malpais rock 10 + 8 + 7 ms 7 in

in the ground for $\frac{1}{4}$ sec cormarked $\frac{1}{4}$ on N face and raised
a mound of stone clay side; from which

A Pine 20 is down bet str 15 cks dist

marked $\frac{1}{4}$ S B SA Pine 15 is down bet str 15 cks dist -
marked $\frac{1}{4}$ S B S.

Sub divisions T 18 N R 7 E Cont
 chs
 34.30 Prospectly good well with Course S 80° W
 80.00 Set walpin's rock 12 + 10 + 8 in 2 8 in's
 in the ground for cut to trees 16, 17
 20 and 21 marked with 3 notches
 on Sand 4 notches on E edges
 and raised a mound of stone along with. See
 which; At Pin 18 in's diameter S 70° E 80 chs
 dist marked T 18 N R 7 E S 16 B. T.
 An oak 10 in's diameter S 80° E 95 chs dist
 marked T 18 N R 7 E S 21 B. T.
 At Pin 22 in's diameter S 33° W 30 chs
 dist marked T 18 N R 7 E S 20 B. T.
 An oak 6 in's diameter S 10° N 15 chs
 dist marked T 18 N R 7 E S 17 B. T.
 Sand rough broken
 Soil rocky - 3d rate
 Timber heavy, Pine & oak

S. 86° 22' E on a random line bet trees 16 & 21

Sub division T₇ R₇ E₇
 chs

wa 14° 12' E

Over rolling ground

40.00 Set temporary 1/4 sec cor

Ascending slope of ridge

52.00 Top of ridge about 120 feet high (west of ridge) ^{20'}

20° E & descend slope

80.10 Intersect N & S line 31 chs N of the

Cor to Secs 15, 16, 21 and 22 ^{1/4 sec}

N 86° 09' W on a true line bet Secs 16 & 21

with same wa

40.05 Set malpais rock 10 x 10 x 6 ins 7 ins in

the ground for 1/4 sec cor marked 1/4

on N face and raised a mound of

stone alongside; From which

A Pine 24 ins diam bet S 30° W, 180 chs

dist marked 1/4 S B. T.

A Pine 20 ins diam bet N 65° E 150

chs dist marked 1/4 S B. T.

80.10 The Cor to Secs 16, 17, 20 & 21

Sub divisions T. 18. N. R. 7. 2 Cont
cls

Soil mountainous
Soil rocky - 3d rate
Timber heavy, Pine & oak

N 86° 22' W. on a random line bet Secs 17 & 20
72 114° 12' E

Over rolling ground

23.25 - Cross rocky ravine 20 lbs with Corn S

40.00 Set temporary 1/4 Sec Cor

57.25 - Intersect W boundary of T¹³

at the Cor to Secs 17, 20 and 21

Previously described by me, Thence from

S 86° 22' E, on a true line bet Secs 17 & 20

with same run

11.25 - Set metal pins, 9 + 9 + 7 in 7 in
in the ground for 1/4 Sec Cor marked
then a fence and raised a mound
of stone along side: From which
a Pine 12 in diam bet S 84° W 110

Sub-divisions. T₁₈ N 0° 12' E Cont₁
cls

cls dist marked $\frac{1}{4}$ S N 3. T.

An oak 5 in's diam bet N E 13 cls
dist marked $\frac{1}{4}$ S N 3. T.

57.25 - The Cor to Secs 16, 17, 20 and 21

Land broken & rolling

Soil rocky - 3d soil -

Timber heavy, Pine & oak.

North 0° 21' W bet Secs 16 and 17
70 114° 12' E

Over broken ground

Ascending slope

30.00 Top of ridge 120 feet high bet 20 W
and descend A slope

36.00 Foot of slope of ridge

40.00 Set metal pins, rock 16 + 12 + 4 in's
12 in's in the ground for $\frac{1}{4}$ Sec
Cor marked $\frac{1}{4}$ on W face and
raised a mound of stone

Subdivisions T. 8 N. R. 7 E. cont.

chs

alongside From which
 A Pine 20 ins diam hrs N 15° W
 40 chs dist marked 1/4 S 83.7,
 A Pine 30 ins diam hrs N 12° E 62
 chs dist marked 1/4 S 83.7,

The house and Carral of
 J. Mund for hrs N 35° E 30 chs
 dist from this Cor.

45.00 Enter Park hrs N 70° S E

49.00 Cross wash 16 chs wide course S E

59.00 Cross Mund's road hrs N 70° S E

80.00 Set malpais rock 12 + 10 + 6 ins
 8 ins in the ground for Cor to Sec
 8, 9, 16 & 17 marked with 4 rods
 on S and E edges and raised a
 mound of stone alongside from which
 A Pine 18 ins diam hrs N 12° E 30
 chs dist marked 1/8 N 87° E S 9 83.7,
 A Pine 20 ins diam hrs S 72° E 60

Sub divisions T18 N R 7 E Contn

Chs

115 dist marked T18 N R 7 E S 16 B J

A Pine 26 ins diam brs S 36 97 90 cks

dist marked T18 N R 7 E S 17 B J

A Pine 30 ins diam brs N 4 97 10 cks

dist marked T18 N R 7 E S 18 B J

Land monotonous

Soil rocky - 3d cut -

Timber 66 cks heavy Pine 16 cks park

S 86° 22' E on a random line bet Secs 9 & 16

run 14° 14' E

Over rolling ground

19.00 Cross Fly staff & fence road brs N W S E

40.00 Set temporary 1/4 sec cor

80.00 Submet of S line at the cor to Secs 9

10, 15 and 16; Thence Run

N 86° 22' W on a true line bet Secs 9 & 16

with some run

40.00 Set mulpair's rock 10+10+6 ins 7 ins in

Subdivision T18 N R7 E Contn

cls

the ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on N face
 cross side of Pine 11 ins diameter S 89° W 100

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

A pine 8 ins diam. from S 80° E. 80 lbs dist marked $\frac{1}{4}$ S B.

80.00 Cor to Secs 8, 9, 16 and 17

Land high rolling

Soil rocky 3d rate

Timber heavy, Pine & oak

N 86° 22' W on a random line bet Secs 8 & 17

"a 14° 14' E

Over rolling ground

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

43.40 Cross Mounds road bet NW & SE

51.42 Intersect N boundary of $\frac{1}{4}$ of the Cor to Secs

8, 12, 13 & 17 previously described then from

S 86° 22' E on a true line bet Secs 8 & 17

with same vol

11.42 Set metal pins on 10 + 10 + 8 ins 7 ins in

Set divisions T. E. N. R. & E. Cont.

Clas

the ground for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ on
N face; from which a Pine 30 ins diam brs
N 70° E 120 lks dist marked $\frac{1}{4}$ S. B. J.

A Pine 30 ins diam brs S 65° W 100 lks dist marked $\frac{1}{4}$ S. B. J.

51.42 The Cor to Secs 8, 12, 13 & 17

Land high rolling

Soil rocky 3d rate

Timber heavy, Pine & oak

I examined my instrument to day &
found it imperfect adjustment, Aug. 11, 1887.

North $0^{\circ} 21' N$. bet Secs 8 & 9

7 & $14^{\circ} 14' E$

Over rolling ground

17.00 Cross flagstaff & road road brs N 70° S E

40.00 Set mulpur's rock 12 + 9 + 7 ins 8 ins

in the ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$

on N face; from which; - A Pine 15 ins

diam brs N 70° E 40 lks dist marked $\frac{1}{4}$ S. B. J.

Sub-divisions T 18 N R 7 E cont.

chs

80.00 A pin 20 ins diam brs S 110° W 60 lks dist marked 1/4 S. P.

Set nut-pair pole 18 + 10 + 8 ins 14 ins on the ground for Co to Secs 4, 5, 8 & 9

marked with 5 notches on S and 4 notches on E edges & raised a mound of stone alongside

from which; A jumper 30 ins diam brs N 87° E 20 lks dist marked T 18 N R 7 E S 4 B. T.

A jumper 12 ins diam brs S 60° E 50 lks dist marked T 18 N R 7 E S 9 B. T.

A jumper 10 ins diam brs S 40° W 60 lks dist marked T 18 N R 7 E S 8 B. T.

A jumper 20 ins diam brs N 60° W 110 lks dist marked T 18 N R 7 E S 5 B. T.

Land high rolling

Soil rocky - 3d rock -

Timber heavy, Pine & Jumper

S 86° 22' E on a random line bet Secs 4 & 9

70 140 14' E

Over rolling ground

Sub divisions T. 18. N. R. 7 E. Contn
cls

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

79.90 Intersect A to line 22 cks N of the Cor
to Secs 3, 4, 9 and 10. Hence from
N $86^{\circ} 13' W$ on a true line bet Secs 4 & 9
with same 20

39.95- Set malpais rock 10+10+8 in 8 in in
the ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on
N face; From which; A Pine 10 in diam
N $30^{\circ} E$ 90 cks dist marked $\frac{1}{4}$ S. B. T.
An oak 5 in diam S $75^{\circ} E$ 100 R dist marked $\frac{1}{4}$ S. B. T.

79.90 The Cor to Secs 4, 5 & 8 and 9
Land high rolling
Soil rocky - 3d rate -
Timber heavy, Pine, oak, spruce,

N $86^{\circ} 22' W$ on a random line bet Secs 8 & 8
70 114^o 114' E

Over high rolling ground

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

Sub divisions 7, 8, & 2 E Cont

Chs

57.48 Intersect W boundary of T₁₈ at Cor 2 E Cont
 Cor to Secs 1, 5, 8 and 14. Previously
 described by me. Thence I run
 S 86° 33' E on a true line bet Secs 5 & 8
 with same or

11 48 Set malpais rock 13 + 9 + 6 ins 9 ins in
 the ground for 1/4 Sec Cor marked 14 on
 N. face: From which A Pine 8 ins diam bet
 S 18° E 30 lks dist marked 1/4 S B T,
 A Pine 10 ins diam bet 15° E 50 lks dist marked 1/4 S B T

57.48 The Cor to Secs 4, 5, 8 & 9
 Land high rolling
 Soil rocky - 3d rate
 Timber heavy, Pine & Juniper

N. 0° 21' W on a random line bet Secs 4 & 5
 7a 144° 14' E

40.00 Set temporary 1/4 Sec Cor

80.65 Intersect N boundary of T₁₈ at the Cor to Secs
 4, 5, 32 & 33, which is a malpais rock

Sub divisions T, S, R, & E continued

8+8 ins marked with 4 notches on E + 2 on the
 on Wedges from which the oak 7 ins
 diam brs N 8° E 48 lbs dist marked T 19 N R 72 S 33 T
 A Pine 18 ins diam brs S 5° E 50 lbs dist
 marked T 18 N R 72 S 4 B. T.
 An oak 14 ins diam brs S. 12° W 100 lbs
 marked T 18 N R 72 S 5 B. T.
 An oak 24 ins diam brs N 70° W 50 lbs
 dist-marked T 19 N R 72 S 32 B. T.
 Hence I run

S. 0° 21' E. on a true line bet Secs 4 & 5 -
 with same rod

40.65 - Set malpais rock 12+10+6 ins 8 ins in the
 ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on W face
 from which A. Pine 12 ins diam brs S 25° E
 40 lbs dist marked $\frac{1}{4}$ S. B. T.
 A Pine 20 ins diam brs N 8° W 100
 lbs dist marked $\frac{1}{4}$ S. B. T.

80.65 - This cor to Secs 4, 5, 8 and 9
 Land high rolling
 Soil rocky - 3d rate
 Timber heavy, Pine oak
 Aug. 12th 1886.

Sub divisions T. 18. N. R. 7 E.

General Description.

The portion of this township adapted to agriculture is confined to about 25 acres in the S E 1/4 of Sec. 25 occupied by Robt Hambeck; about 40 acres in Sec. 22 occupied by James Mound Sr and 15 acres in Sec 16 occupied by James Mound Jr.

The township is heavily timbered with pine of good quality.

There is good grass and browse in places for summer range.

But the stock is driven down out of the mountains at the approach of winter - the people generally accompanying their stock to the valleys.

R. C. Percey,
U. S. Deputy Surveyor

U. S. Surveyor-General's Office,

TUCSON, A. T. *June 24* 1889

The foregoing Field Notes of the Surveys of
the subdivisions lines
of
T. 18 N. - R. 7 E.

Gila and Salt River Meridian
in *Arizona* executed by
Rudgley & Powers.

U. S. Deputy Surveyor, under his contract dated
Feb. 21st 1885

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

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