

Contract No 58^{1/2}

Approved by Com^d

July 14. 1890.

No-369

4-671

BOOK 369

FIELD NOTES

GENERAL LAND OFFICE.

369

of Subdivisional land
T₁ N₂₀ W₁₀ E₂
T₁ S₁ R₁ E₁ Base & Meridian

Arizona

By William C. Porter, S_r

Under Contract dated Feb^y 1883

Survey commenced Aug 26, 88

" completed Sept 27, 88

No-369

Subscribers of 25.00 R 10.00

No-369

2

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BOOK 369

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General Subscription Page 89-90

divisions. T 20 & R 10 E.

Preliminary to commencing this survey I ran N 89° 54' 11" on a blake line on the S. boundary of Sec 36 and at 40 07 chs found the $\frac{1}{4}$ Sec Cor and at 80 06 chs found the Sec Cor, I also ran it on the E boundary bet Secs 36 and 31 and at 39 97 found the $\frac{1}{4}$ Sec Cor and at 80.07 found the Sec Cor. My instrument will therefore run the same line as the exterior boundaries and the chaining practically agrees.

Survey commenced Aug 26, 1886 with a transit with solar attachment manufactured by W. L. E. Gurley of Troy New York

Subdivision T20 & R10 E center

I commenced at the Cor
to Secs 1, 2, 35 & 36 on the
S boundary of the T^h previous
ly described by me. Thence Iron
North bet Secs 35 and 36
to $13^{\circ} 50' E$

Through dense scrub cedar

40.00 Set malpais rock 10+8+7
ins in the ground for
Y^h Sec Cor marked $\frac{1}{4}$ on

N face and raised a mound
of stone along side. From whol
A Cedar 26 ins diam brst 27°
E 36 lbs dist marked $\frac{1}{4}$ S.B.S.

A Cedar 8 ins diam brst $40^{\circ} W$ 72
lbs dist marked $\frac{1}{4}$ S.B.S.

80.00 Set limestone 12+10+10 ins &
ins in the ground for Cor to Secs
25, 26, 35 and 36 marked with

Subdivisions T20. N R10 E continued

1 notch on Sand Edges & raised a
mound of stone along side. From which
A Cedar 4 ins diam brs S 60° E 47 lks
dist marked T20 N R10 E S 36 B.S.

A Piñon 4 ins diam brs N 10° E 33 lks
dist marked T20 N R10 E S 25 B.S.

A Piñon 10 ins diam brs S 20° E 35
lks dist marked T20 N R10 E S 35 B.S.

A Piñon 12 ins diam brs N 70° E 39
lks dist marked T20 N R10 E S 26 B.S.

Land rough rocky

Soil 3d rate

Timber dense Cedar Piñon.

S. 89° 54' E on a random line bet Secs 25 & 36
72 13° 50' E

Through dense Cedars

40.00 Set temporary 1/4 Sec cor

Subdivisions. Trout River center

80.12 Entered E. boundary of T_h
 23 lbs N of the cor to Secs 25, 30, 31
 and 36 which is a limestone 10 +
 6 ins marked with 1 notch on S
 and 5 notches on N edges and
 raised a mound of stone alongside
 from which N. Cedar 10 ins diam
 hrs. N 55° E 40 lbs dist marked T 20 N 16
 E. S. 30 B. J. A Cedar 7 ins diam hrs S 25° E
 60 lbs dist marked T 20 N 11 E S 31 B. J.
 A Cedar 9 ins diam hrs S 40° N 60 lbs
 dist marked T 20 N 10 E S 36 B. J.
 A Pinon 14 ins diam hrs N 79° 5
 lbs dist marked T 20 N 10 E S 25 B. J.

Thence a run

N 89° 41' W on a true line bet Secs 25 & 36
 with same ra

40.06 Set limestone 12 + 10 + 6 ins 81
 in the ground for 1/4 sec cor

Subdivision 5 T 20 S R 10 E

marked $\frac{1}{4}$ on N face and raised
a mound of stone alongside from
which A Cedar 5 ins diam bet A 84th
10 ebs dist marked $\frac{1}{4}$ S B S
A Cedar 7 ins diam bet 2 2 ebs
dist marked $\frac{1}{4}$ S B S,

80.12 The Cor to Secs 25, 26, 35 and 36

Land rough rocky

Soil scrub

Timber dense, Cedar & Pine

North bet Secs 25 and 26

74 13° 30' E

Through dense Cedars

40.00 Set limestone 10 + 9 + 8 ins
7 ins in the ground for $\frac{1}{4}$
Sec cor marked $\frac{1}{4}$ on N
face & raised a mound of
stone alongside from which

Sub divisions T 20 N R 10 E Cont
cho

A Cedar 6 ins diam hrs N 30 E
27 cks dist marked $\frac{1}{4}$ S B S.

A Cedar 5 ins diam hrs S 20 E
21 cks dist marked $\frac{1}{4}$ S B S.

80.00 Set limestone 10 + 10 + 6 ins

7 ins in the ground for 60 to

See 23, 24, 25 & 26 marked

with 2 notches S + 1 notch on

E edges and raised a row

of stones along side. No

bearing trees within limits

Land rough rock

Soil 3d soil

Timber dense, Scrub Cedar & Pin

S 59° 57' E. on a random line for See 24 & 25

to 13° 50' E

Through dense Cedars

40.00 Set - temporary $\frac{1}{4}$ See c/s

Subdivisions T20 N R 10 E Cash

- 8010 Intersect E bdy of Sp 19 lks N of
 thole to Sec 19. 24, 25 + 30 which
 is a limestone 10 + 8 ins marked
 with 2 notches on S and 4 notches
 on N idges: From which
 A Cedar 6 ins diam brs N 55° E
 30 lks dist marked T20 N R 11 E S 29 B. S.
 A Cedar 7 ins diam brs S 17° E 110 lks dist
 marked T20 N R 11 E S 30 B. S.
 A Pine 6 ins diam brs N 25° E 30 lks
 dist marked T20 N R 10 E S 24 B. S.
 A Cedar 10 ins diam brs S 60° W 120 lks
 dist marked T20 N R 10 E S 25 B. S.

Thence I run

N 89° 43' W on a true line bet Sec 24 + 25

7a 18° 50' E

with same run

- 4005 Set limestone 10 + 10 + 6 ins 7 ins
 in the ground for 1/4 Sec Cor

~~Subd. 1000 J 20th P. 10 9 Cont.~~

cw

marked $\frac{1}{4}$ on its face and raised
a mound of stone along side from
which a Pinon 8 ins diameter &
20 & 31 lbs det marked $\frac{1}{4}$ S.P.S.

No other bearing tree within limits

80.10 The car to Secs 23 24. 25-26

Soil rough rocky

Soil - 3d rate

Timber dense, Cedar & Pinon

North bet Secs 23 & 24

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

Through dense Cedars

28.00 Cross trail bet NE & SW

40.00 Set limestone 10 + 10 + 9 ins

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

See car marked $\frac{1}{4}$ on N

face and raised a mound
of stone along side from which

Subdivisions Trout Run E. Contd.

- 17 lbs
 A Cedar 8 ins diam hrs N 80° E
 17 lbs dist marked 74 S B.S.
- A Cedar 15 ins diam hrs S 20° W
 21 lbs dist marked 74 S B.S.
- 80.00 Set limestone 10 + 8 + 7 ins
 7 ins in the ground for C. to
 Secs 13, 14, 23 + 24 marked with
 3 notches on Sand 1 notch on
 Edges and raised a mound
 of stone along side; From which
 A Pin 12 ins diam hrs N 0° 30' E
 25 lbs dist marked Trout Run E S 130 S.
- A Cedar 6 ins diam hrs S 30° E 71 lbs
 dist marked Trout Run E S 24 B.S.
- A Pin 12 ins diam hrs S 5° W 61 lbs
 dist marked Trout Run E S 23 B.S.
- A Cedar 8 ins diam hrs N 30° W
 33 lbs dist marked Trout Run E S 14 B.S.
- Land rough rocky
 Soil 3 l rate
 Timber dense, Cedar Pin

Subdivisions T 24 at R 102 Cont
Chs

S 89° 51' E on a random line bet Secs 13 & 24

70 13° 50' E

Over rough rocky ground

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

80.00 Intersect - E boundary of
T at the cor to Secs 13, 18, 19 &
24 which is a limestone 10+8 is
marked with 3 notches on S & N
edges & a mound of stone alongside

Thence I run

N 89° 51' W on a true line bet Secs 13 & 24
with same 70

40.00 Set limestone 10+10+6 ins
7 ins in the ground for $\frac{1}{4}$ Sec
Cor marked $\frac{1}{4}$ on N face and
raised a mound of stone
alongside. From which
A Cedar 6 ins diam brs N 20° W
140 cks dist marked $\frac{1}{4}$ S B T

Subdivisions T20N R10E Cont'd

- 0.00
 A Cedar 15 ins diam hrs S 50° E 20
 lbs dist marked 1/4 S.B.T.
 80.00 The Cor to 13, 14, 23 & 24
 Land rough & rocky
 Soil - 3 d rate
 Timber Cedar, Pine & Dense brush

North bet Secs 13 and 14.

7/8 13° 50' E

Through dense Cedars

- 40.00 Set limestone 10+10+7 ins 7 ins
 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 Cedar 8 ins diam hrs E 13 lbs
 dist marked 1/4 S.B.T.
 A Cedar 7 ins diam hrs S 87° W 24
 lbs dist marked 1/4 S.B.T.
 80.00 On S bank of Padre Cañon

Subdivisions T 20 N R 10 E Cont'd

cks

Set limestone 14 + 12 + 9 ins 10
 ins in the ground for cor to Secs
 11, 12, 13 & 14 marked with 4
 notches on S end 2 notches on E
 edges and raised a mound of
 Stone along side. No bearing
 trees within limits

Land rough rock

Soil - 3d rate

Timber Cedar Pine & dense brush

S 79° 51' E on a random line bet Secs 12 & 13

70 13° 50' E

Through dense cedars

40.00 Set temporary 1/4 Sec cor

80.14 Subdivided E boundary of T 17

cks S of the Cor to Secs 7, 12, 13
 & 18 which is a limestone 9 + 7 ins
 marked with 4 notches on S

Subdivision 120 of B. 11 & continued
chs

and 2 notches on the edge traced
a mound of stone along side; Thence I run
N 89° ⁵⁸ W. on a true line bet Secs 12 & 13
with some ra

4007 Set limestone 13 + 4 + 7 ins 8 ins
in the ground for $\frac{1}{4}$ sec Co marked
 $\frac{1}{4}$ # B. & on N face and raised
a mound of stone along side from which
A Pinon 6 ins diam bet Secs SE 17 lbs
dist marked $\frac{1}{4}$ # B. T.

A Cedar 5 ins diam bet Secs SE 17
24 lbs dist marked $\frac{1}{4}$ # B. T.

80, 14 The Co to Secs 11, 12, 13 & 14

Land rough rocky

Soil - 3d rate

Timber Cedar, Pinon & dense brush

Aug 26th 1886

Subdivisions S 20 N R 10 E Com
cls

North bet Secs 11 and 12

72 13° 50' E

Over rough broken ground

0.50 Edge of right bank of Padre Cañon

6.00 Bottom of Cañon 200 feet deep from N.E.

10.00 Left bank of Cañon

40.00 Set limestone 15 + 10 + 4 ins 11

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

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

raised a mound of stone

along side. No bearing trees

80.00 Set limestone 12 + 8 + 8 ins 8 ins

in the ground for Cor to Secs

1, 2, 11 and 12 marked with

5 notches on S and 4 notches on

N edges and raised a mound

of stone along side. No trees

within limits

Land rough rocky

Sub divisions T 20 N R 10 E
 Class

Sail - 3d rate

Timber. Pine & dense cedar brush

S 89° 37' E on a random line bet. Sess 10 & 12
 on 13° 50' E

Through dense cedars

- 30.00 Edge of left bank of Padre Canon
 34.00 Bottom of Canon 180 feet deep. Course N 30° E
 39.00 Right bank of Canon
 40.00 Set temporary 1/4 Sec cor
 79.89 Intersect E. boundary of T 20
 37.00 East of the cor to Sess 1, 6, 7
 and 12 which is a limestone 9+7
 is marked marked with 5 notches
 on S and 1 notch on N edge & a
 mound of stone alongside
 Thence I run
 N 89° 35' W on a true line bet Sess 10 & 12
 with same run

Subdivision 720 N. R. 14 E. Cont

Chs

39.94 Set limestone 10 + 9 + 6 ins 7 ins
in the ground for $\frac{1}{4}$ Sec as marked
 $\frac{1}{4}$ on N face and raised a
mound of stone along side
No berry trees within limits

89
79.78 The cor to Secs 1, 2, 11 + 12
Land rough rocky
Soil 3d rate

Timber Cedar Pine & dense brush

North on a true line bet Secs 1 + 2
 $74^{\circ} 13' 50''$ E

Through dense cedars

40.00 Set limestone 10 + 8 + 7 ins
7 ins in the ground for $\frac{1}{4}$ Sec
Cor marked $\frac{1}{4}$ on N face and
raised a mound of stone
along side From which
A Pine 4 ins diameter N 20 W

Sub-division 120 N R 10 E Contn

cls

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

A Pinon 5-ins diameter S 36° E 22

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

96.35 Intersect - 5th Stand Parallel

At 33.75-cls W of the Stand cr

to Secs 35 & 36 recently re-

established & described by me

Set-limestone 16+10+6 ins

12 ins in the ground for Plossing

cr to Secs 1 & 2 marked S. C.

on S. face with 1 notch on E

and 5 notches on W edge and

raised a mound of stone

alongside. No bearing trees

with limits.

Land broken & rocky

Soil - 3d cat

Timber, Dense scrub Cedars & Pinon

— Aug. 27th, 1886.

Subdivisions T20 N R10 E Canton
cls

From the Cor to Secs 2, 3, 34
+ 35 on the S. bdy of the T^h
previously described by me from
North bet Secs 34 + 35
74 13° 50' E

Through dense cedars

40.00 Set limestone 10 + 9 + 8 ins 7
ins in the ground for 74 Sec
Cor marked 74 on N face &
raised a mound of stone
along side. No bearing trees
within limits.

80.00 Set limestone 17 + 9 + 8 ins
8 ins in the ground for Cor to
Secs 26, 27, 34 + 35 marked
with 1 notch on S and 2 notches
on E edges and raised a mound
of stone along side. From
which; A Cedar 6 ins diam bet N 50° E

Sub divisions T 20 N R 10 E Cont.

chs

57 chs dist marked T 20 N R 10 E S 26 B. S.

A Cedar 14 ins diam brs S 80° E 47 chs

dist marked T 20 N R 10 E S 35 B. S.

A Pinon 7 ins diam brs S 70° E 29 chs dist

marked T 20 N R 10 E S 34 B. S.

A Cedar 7 ins diam brs N 17° W 35

chs dist marked T 20 N R 10 E S 27 B. S.

Land rough & rocky

Soil - 3d rate

Timber Cedar, Pinon & dense brush

S 89° 51' E on ex pansion line bet Secs 26 & 35

on 13° 50' E

Through dense Cedars

40.40 Set temporary 1/4 sec cor

80.18 Intersect N-S line 17 chs S of

the cor to Secs 25-26 35 & 36

Thence span

N 89° 58' W, on a true line bet Secs 26 & 35

~~40.00 Set limestone 11 + 10 + 6 ins 8 ins~~

40.00

with some on

in the ground for $\frac{1}{4}$ Sec Cor
marked $\frac{1}{4}$ on N face & raised a
mound of stones along side, from which
A Pinon 10 ins diam hrs S 30° E 14 lbs
dist marked $\frac{1}{4}$ S 13.5

A Pinon 8 ins diam hrs S 60° E 11

36 lbs dist - marked $\frac{1}{4}$ S 13.5

80.18 The Cor to Secs 26, 27, 34 + 35 -

Land rough rocky

Soil - 3d rate

Timber, Dense, Scrub Cedar & Pinon

North bet Secs 26 + 27

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

Through dense brush

40.00 Set limestone 10 + 8 + 7 ins
7 ins in the ground for $\frac{1}{4}$

Sub-division T 20 N R 10 E Cont'd

(21)

Sec. Cor marked 7/8 on N face
and raised a mound of stone
along side. No trees within limits

80.00 Set limestone 14+10+4 in 11 in in
the ground for Cor to Secs 22, 23
26 & 27 marked with 2 nails
on S and E edges and raised a
mound of stone along side. No
bearing trees within limits, all brush
Land rough rocky
Soil 3d rate

Timber Cedar, scrub cedar, Prairie brush

S. 87° 55' E on a random line for Secs 23 & 26
20 13° 55' E

Through dense cedars

40.00 Set temporary 1/4 Sec Cor

80.00 Subdivided to Line 27 the N of
the Cor to Secs 23, 24, 25 & 26; thence S from

Subdivisions Trout River Center
Chs

N 89° 39' W on a true line bet Secs 23 & 26

with same ra

40.00 Set limestone 13 + 9 + 7 ins 8 ins
in the ground for 1/4 sec cor
marked 1/4 in at face and raised
a mound of stone alongside. No
bearing trees within limits

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

Land rough rocky

Soil - 3d rate

Timber - some scrub Cedar Pine

North bet Secs 22 & 23

ra 13° 55' E

Over broken ground

28.00 Commence to descend into Canon

33.00 Bottom of Canon about 160 feet deep

Course N 18° E

35.50 Commence to ascend from Canon

Sub-divisions T 20 N R 10 E Section

- Chs
40.00 Set limestone 10 + 10 + 8 ins 7 ins in
the ground for 41 see cor marked 44
on N face and raised a mound
of stone along side. No bearing trees
within limits.
- 42.00 Top of left bank of Padre Cñon
about 170 feet above bottom.
From this point an old Indian
furnace S 15 chs dist -
- 80.00 Set limestone 10 + 10 + 9 ins 7 ins
in the ground for cor to bees 14, 15, 22
and 23 marked with 3 notches on
S and 2 notches on E edges &
raised a mound of stone along side
No bearing trees within limits
Land rough broken
Soil rocky 4th rate
Timber dense Cedar brush, Pin

Auto-compass $S 20^{\circ} 10' 9''$ center
 Obs

$S 89^{\circ} 05' E$ on a random line bet. Sigs 14 + 23

$72^{\circ} 13' 55'' E$

Through dense brush

- 0.60 Commence to descend into canon
 4.00 Bottom about 130 feet deep course
 9.00 Top of right bank of canon
 16.00 Commence to descend into canon
 25.00 Bottom about 140 feet deep course
 32.00 Top of right bank of Padre Canon.
 40.00 Set temporary $\frac{1}{4}$ sec cor
 80.12 Subsequent N + S line 19 lbs N
 of the Cr to Sigs 13, 14, 23 + 24

Thence I run

$N 89^{\circ} 043'' W$ on a true line bet. Sigs 14 + 23

with same run

- 40.06 Set monument $10 + 10 + 8$ ins 7 ins
 in the ground for $\frac{1}{4}$ sec cor
 marked $\frac{1}{4}$ in N face and raised
 a mound of stone along side from
 which

Subdivisions T 20 N R 10 E Cont

cks

A Pine 5 ins diam tree N 30° W 14

cks dist marked 1/4 S B. T.

A Cedar 6 ins diam tree S 60° W 17

cks dist marked 1/4 S B. T.

50.12 The cor to Secs 14, 15. 22 & 23

Land rough broken

Soil rocky - 4th rate

Timber Cedar, Pine & dense brush

Aug 28th, 1886,

North bet Secs 14 and 15 -

7^a 13° 55' E

Over rough broken ground

40.00 Set limestone 12, + 9 + 6 ins

8 ins in the ground for 1/4 Sec

Cor marked 1/4 on N face &

raised a mound of stone

alongside. No bearing trees

within limits.

Subdivisions. Track R 10 E center

chs

- 61.00 Commence to descend into ^{cañon}
- 65.00 Bottom about 200 feet deep Course N 80° E
- 69.00 Top of left-bank of Padre Cañon.
- 80.00 Set limestone 10 + 10 + 8 in's 7 in in

the ground for Cor to Sec 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. No bearing trees with limits

Land rough, broken

Soil rocky - 3d rat

Timber Cedar Pinon + some brush

St 7° 51' E on a random line bet Sec 11 + 14

7a 13° 55' E

Over rough broken ground

40.00 Set temporary 1/4 Sec cor

61.50 Left-bank of Padre Cañon.

72.00 Bottom of Cañon 200 feet deep Course N 60° E

Subdivisions T20 N R10 E Cont.

- Chs
- 78.50 Top of right-bank of Cañon
- 80.00 Entered N-S line 25 lks S of
the Cor to Secs 11, 12, 13 & 14 Thence S
S 70° ^{02'} W on a true line bet Secs 11 & 14
with some run
- 40.00 Set limestone 13 + 11 + 7 ins pins in
the ground for the Cor marked 44
on N face and raised a mound of
stone alongside. No bearing trees
within limits
- 80.00 The Cor to Secs 10, 11, 14 and 15-
Land rough broken
Soil rocky - 3d water
Timber, dense Semb Cedar & Pine
- North bet Secs 10 and 11
Ra 130° 55' E
Through dense cedars
- 40.00 Set limestone 10 + 6 + 8 ins pins

Subdivision T20 N R 10 E Continued

in the ground for $\frac{1}{4}$ sec Cor marked
 $\frac{1}{4}$ on W face and raised a mound
 of stone along side. No bearing trees
 within limits

80.00 Set limestone 10 + 9 + 8 ins 7 ins in the
 ground for Cor to Secs. 2, 3, 10
 + 11 marked with 5 notches on the
 S and 2 notches on the E edges &
 raised a mound of stone along side

From which a Pinon 7 ins diam brs N 31°

E 120 cks dist marked T20 N R 10 E S 2 B. J.

A Pinon 6 ins diam brs N 64° 15' 70 cks

dist marked T20 N R 10 E S 3 B. J.

No other bearing trees within limits

Land rough rocky

Soil - 3d soil

Timber Cedar, Pinon - dense brush

Subdivisions T 20 N R 10 E Conton

chs

S 89° 51' E on a random line bet Secs 2 & 11

7a 13° 55' E

Through dense brush

40.00 Set temporary 1/4 Sec Cor

79.84 Intersect N & S line at the Cor to
Secs 1, 2, 11 and 12. Thence I run

N 89° 51' W on a true line bet Secs 2 & 11

with same va

39.92 Set limestone 10 + 10 + 6 ins pins
in the ground for 1/4 Sec Cor & worked
1/4 on N face and raised a mound
of stone alongside. No bearing
trees within limits

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

Land rough & rocky

Soil - 3d rate

Timber Cedar & Pinus & dense brush.

Subdivisions T20 N R10 E contin
chs

Start on a true line bet Secs 2 & 3

70° 13' 58" E

Through dense scrub cedars

40.00 Set limestone 10 + 9 + 8 in 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 cedar 6 in diam bet N 30° W 23 chs
dist marked $\frac{1}{4}$ S.B. 3.

No other bearing are within limit.

85.00 Top of slope 25 feet high. Top of hill
bet N 3 chs dist - about 60 feet high

92.71 Intersect 5th Stand Parallel N

33.10 chs N of the Stand Cor to
Secs. 34 & 35 - recently reestablished
and described by me.

Set a cedar post 4 feet long
4 ins sq with marked stem 12
ins in the ground for closing

Sub divisions T20 N R10 E Conti

Cor to Secs 2 and 31 marked

C.C. T20 N R10 E on S

S 2 on E and

S 3 on N faces with 2 notches

on E and 4 notches on N edges

Any pits 18+18+12 ins S. E + N

of post - 5 1/2 ft dist & raised

a mound of earth 2 feet high 4 1/2

feet base around post. From which

A Pinon 8 ins diam tree S 7 1/2 N 48

ft dist marked T20 N R10 E S30 S.

No other bearing trees within limits

Land rough rocky

April - 3d rate

Timber Cedar pinon & dense brush

Aug 30th 1886

I examined my instrument to day

and found it to be in perfect

adjustment -

Sub divisions T₂₀ N. R. 10 E. Contn

From the Cor to Sec 3, 4, 33 & 34
on the S. boundary of the T₂₀ previously
described by me; I run
North bet - Secs 33 and 34

7th 13° 50' E

Over rough rocky ground

40.00 Set limestone 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 Pin 10 ins diam bet S 30° E 16 lbs

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

A Pin 8 ins diam bet N 40° W

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

80.00 Set limestone 10 + 8 + 8 ins 7 ins

in the ground for Cor to Secs 27

28, 33 and 34 marked with 1

notch on S and 3 notches on E

edgs and raised a mound of

Sub-divisions T 20 N R 10 E Contn

Ch^{no}

stone along side From which

A Piñon 8 ins diam has N 30° E

72 lks dist marked T 20 N R 10 E S 27 B.T.

A Cedar 10 ins diam has S E 63 lks dist-

marked T 20 N R 10 E S 34 B.T.

A Cedar 26 ins diam has S 85° 2/3 W 60

lks dist marked T 20 N R 10 E S 33 B.T.

A Piñon 10 ins diam has N 88° 2/3 W 103

lks dist-marked T 20 N R 10 E S 28 B.T.

Land rolling & rocky

soil - 3d etc

Timber Cedar, Piñon & dense brush

S 89° 57' E on a random line bet Secs 27 & 34

7a 13° 50' E

Through dense Cedars

18.00 Commence to descend rocky slope

24.00 Cross wash near head of cañon

about 100 feet below top of slope

Sub-division from N. R. 10 E. Section

Clos

Course N 10° E & ascend slope

27.00 Top of right bank of marsh

38.00 Top of slope about 60 feet above marsh

40.00 Set temporary 1/4 sec cor

Descending slope

42.00 Cross ravine 10 lks wide Course
N 12° E about 60 feet below Top of slope
and ascend slope

49.00 Top of slope

80.00 Intersect A & S line 22 lks N
of the Cor to Secs 26, 27, 34 & 35

Thence S run

N 89° 42' W on a true line bet Secs 27 & 34
with some run40.00 Set limestone 10 + 9 + 7 ins 7 ins
in the ground for 1/4 sec cor marked
1/4 in N face and raised a mound
of stone alongside
No bearing trees within limits

- Subdivisions T 20 N R 10 E Contine
 Cls
- 80.00 The Cor to Secs 27, 28, 33 & 34
 Land rough broken
 Soil rocky - 4th rate
 Timber Cedar & Pine? Dense brush
- North bet Secs 27 and 28
 Ta 13° 50' E
- Over rough broken surface
- 44.00 Set limestone 10 + 9 - 7 ins 7 ins
 in the ground for 1/4 Sec Cor
 marked 1/4 on W face and
 raised a mound of stone
 along side. No bearing trees
 within limits; & descend rocky slope
- 48.00 Bottom of Padre Cañon about
 150 feet deep Course N 75° E
- 50.00 Commence to ascend from Cañon
- 56.00 Top of left bank 150 feet high
- 80.00 Set limestone 16 + 10 + 8 ins

Subdivision T20 & R10 E Contin
chs

12 ins in the ground for 40 to 50
21, 22, 27 and 28 marked with
2 notches on S and 3 notches on
E edges and raised a mound
of stone along side

No bearing trees within limits

Land rough broken

Soil rocky - 3d rate

Timber Dense scrub Cedar & Pine

S 89° 51' E on a random line bet Sec 22 ^{22.27}
7a 13° 50' E _{7a}

Over rough broken ground

38.00 Top of left bank of Padre Cañon

40.00 Set temporary 1/4 Sec cor

46.00 Bottom of Cañon about 120 feet
deep Course N 10° E

51.00 Top of right bank of Cañon

60.00 Commence to descend rocky slope

Subdivision T 20 N R 10 E Contn

- chs
67.00 Cross ravine about 130 feet deep
10 chs wide Course N 12° E ascend
- 79.90 Top of right bank of ravine
Intersect N 1 S line 14 chs N of
the Cor to Secs 22, 23, 26 & 27
Thence I run
N 89° 45' W on a true line bet Secs 22 & 27
with same va
- 39.90- Set limestone 10 + 8 + 7 ins 7 ins
in the ground for $\frac{1}{4}$ sec Cor marked
 $\frac{1}{4}$ on N face and raised a
mound of stone along side
No bearing trees within limits
- 79.90 The Cor to Secs 21, 22, 27 and 28
Land rough broken
Soil rocky - 14th rate
Timber scrub Cedar & Pine & brush

Submissions T 20 N R 10 E Center
cls

North bet Secs 21 and 22

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

Through dense cedars

40.00 Set limestone 10 + 9 + 8 ins 7 ins
in the ground for $\frac{1}{4}$ Sec C₂ marked
 $\frac{1}{4}$ on W face and raised a
mound of stone along side from which
A Pinon 8 ins diam bet N 20 E 12
cks dist marked $\frac{1}{4}$ S B T.

A Pinon 10 ins diam bet S 44 W 24
cks dist. marked $\frac{1}{4}$ S B T.

80.00 Set limestone 12 + 10 + 6 ins 8 ins
in the ground for C₂ to Secs 15, 16
21 or 22 marked with 3 notches
on the S and E edges and raised
a mound of stone along side from which
A Pinon 6 ins diam bet NE 38 cks dist
marked T 20 N R 10 E S 15 B T.
A Cedar 18 ins diam bet S 64 E 20

Light dimensions Trout River Co. Cedar Creek
cks

cks dist marked Trout River Co. S 22 B.T.

A Cedar 10 ins diam bet S 55° 11' 15 cks

dist marked Trout River Co. S 21 B.T.

A Cedar 7 ins diam bet N 32° 11'

63 cks dist marked Trout River Co. S 16 B.T.

Land rough rocky

Soil - 3d rate

Timber Cedar, Pine & some brush

S 89° 51' E on a random line bet Secs 15 & 22
ru 13° 50' E

Through dense cedars

40.00 bet temporary 1/4 sec cor

79.88 intersect N & S line 27 cks

N of thence to Secs 14, ¹⁵ 22 & 23

Thence S run

N 89° 039' 11" on a true line bet Secs 15 & 22

with same ru

39.94 bet line to 10 + 9 + 8 ins 7 in

Subdivision's T 20 N R 10 E Cont.

Cont.

the ground for $\frac{1}{4}$ Sec Cor marked $\frac{1}{4}$ on N face and raised a mound of stone along side. From which
 A Cedar 6 ins diam tw. N 12° E
 16 els dist marked $\frac{1}{4}$ S S B. T.
 A Cedar 10 ins diam tw. N 16° E 31
 els dist marked $\frac{1}{4}$ S S B. T.

79.88 The Cor to Secs 15, 16, 21 & 22

Land rough rocky

Soil - 3d rate

Timber, Cedar Pine & Scum brush

Aug 31st 1886

North bet Secs 15 and 16

va 130 30° E

Over rough broken ground

40.00 Set limestone 10 + 4 + 7 ins

7 ins in the ground for $\frac{1}{4}$ Sec Cor
 marked $\frac{1}{4}$ on N face & raised

Subdivisions T. 20. N. R. 10. E. Cont.

- cls
- a mound of stone along side,
No bearing trees within limits
- 50.00 Commence to descend rocky slope
- 53.00 Bottom of Cañon about 90 feet deep
Course $\pm 80^\circ E$ and ascend
- 57.00 Top of left bank of Cañon
- 76.00 Cross marsh 100 yds wide Course $\pm 60^\circ E$
- 80.00 Set limestone 10 + 9 + 6 ins 7 ins
in the ground for Cor to Sec 9. 10
15 + 16 marked with 4 notches
on S + 3 notches on E edges &
raised a mound of stone
along side,
No bearing trees within limits
Land broken rocky
Soil - 3d rate
Timber dense Scrub Cedar brush

S 89° 51' E on a pandan line bet Secs 10 & 11 ¹⁰⁷⁷⁵⁻

Sub division T20 N R10 E Cade

Chs

7a 13° 55' E

Through dense cedars

40.00 Set temporary 1/4 Sec Cor

79.92 Intersect A-S line 24 W. S
 of the Cor to Secs 10, 11, 14 & 15 Thru
 N 87° 41' W on a true line, bet Secs 10 & 15
 with same 20

39.96 Set limestone 10 + 8 + 7 ins 7 ins
 in the ground for 1/4 Sec Cor
 marked 1/4 unit face raised
 a mound of stone along side
 No bearing trees within limits

79.92 The Cor to Secs 9, 10, 15 & 16

Land rough rocky

Soil - 3d rate

Timber dense scrub cedar, Pin

North bet Secs 9 and 10

7a 13° 50' E

Subdivisions T 20 N R 10 E Caste

Chs

Through dense Cedars

- 40.00 Set limestone 10 + 10 + 6 in
 pins in the ground for $\frac{1}{4}$ Sec
 Cor marked $\frac{1}{4}$ on W face and
 raised a mound of stone
 along side. No bearing tree with limits
- 80.00 Set limestone 12 + 8 + 7 in pins
 in the ground for Cor to Secs 3, 4
 9 and 10 marked with 3 notches
 on S and 3 notches on E edges
 and raised a mound of stone
 along side. No bearing tree with limits
- Land rocky
 Soil - 3d rate
 Timber Scrub Cedars & Pinon &
 dense brush

S 89° 57' E on a random line bet Secs 3 & 10
 70 13° 55' E

Subdivision 2 120 N R 10 E Cont.

Chas

Through dense Cedars

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

79.90 Intersect N & S line 17 Sks N of
the Cor to Secs 2, 3, 10 & 11. Thence S run
N 87° 44' W on a true line bet Secs 3 & 10
with same r & a

39.95 Set limestone 10 + 10 + 6 ins pins
in the ground for $\frac{1}{4}$ Sec Cor marked
 $\frac{1}{4}$ a N face and raised a mound of
stone along side. No trees with in st.

79.90 Set Cor to Secs 3, 4, 9 & 10

Land rough rocky

Soil 3d rate

Timber Cedar, Pine & dense brush

Start on a true line bet Secs 3 & 10

7a 130° 55' E

Through dense cedars

40.00 Set limestone 10 + 10 + 6 ins pins

Sub division T 20 N R 10 E Cont.

in the ground for 1/4 sec cor marked
 N on N face & raised a mound of stone
 alongside. No bearing trees within limits

8908 Intersect 5th Stand Parallel at 33 Chs

N of the Stand Cor to Sec 33 & 34

recently reestablished & described

by me. Set a limestone 12 +

10 + 8 ins 8 ins in the ground for

closing Cor to Secs 3 & 4 marked

C.C. on S. face

with

3 meters on E & W edges and

raised a mound of stone alongside

from which: A Pinon 6 ins diam brs

S 60° W 100 chs dist marked T 20 N R 10 E S 4 B. 1

A Pinon 7 ins diam brs S 60° W 100 chs

dist marked T 20 N R 10 E S 4 B. 1

Land rough rocky

Soil 3 ft rate
 timber Cedar, Pinon, Juniper

Sept 1, 1886

Subdivisions T20 N R 10 E Cont'd

chs

From the Cor to Secs 4, 5, 32 & 33
on the S boundary of the T₂₀ previously
described by me; I run
North bet Secs 32 & 33

7¹/₂ 130° 50' E

Through dense Cedars

36.00 Cross north 10¹/₂ chs wide Course N 72° E

40.00 Set limestone 13 + 9 + 8 ins gins
in the ground for ¹/₄ Sec Cor marked
¹/₄ on N face and raised a mound
of stone alongside; From which
A Cedar 6 ins diam bet NW 20 chs
dist marked ¹/₄ S 13.5.

A Cedar 8 ins diam bet S 30° E
40 chs dist marked ¹/₄ S 13.5.

80.00 Set limestone 14 + 12 + 10 ins
10 ins in the ground for Cor
to Secs 28, 29, 32 and 33 marked
with 1 notch on S and 4 notches

Subdivision T20 N R10 E Cont'd

Chs

over Eucalypt and raised a mound of
stone along side. From which
a Pin 6 ins diam has at $20^{\circ} E$ 100 lks
dist marked T20 N R10 E S28 B.T.

A Pin 8 ins diam has S $40^{\circ} E$ 40 lks
dist marked T20 N R10 E S33 B.T.

A Pin 8 ins diam has S $40^{\circ} N$ 47 lks
dist marked T20 N R10 E S32 B.T.

A Pin 10 ins diam has N $11^{\circ} 30$ lks
dist marked T20 N R10 E S29 B.T.

Land rough rocky

Soil - 3d rate

Timber Cedar, Pin & dense brush

S 89 $^{\circ}$ E on a random line bet Secs 28 & 33
Ta $13^{\circ} 30' E$

Through dense cedars

0.50 Cross wash 20 lks wide Course at $12^{\circ} E$

8.50 Top of mesa 40 feet above wash

Suddensons Top of Rio Grande Cont.

Chs

- 40.00 Set temporary $\frac{1}{4}$ in. cor
- 45.00 Commence to descend from mesa
- 47.80 Cross wash 30 feet below mesa Current $25^{\circ}E$
- 65.00 Top of mesa
- 66.80 Cross wash 14 elks wide Current $20^{\circ}E$
- 71.00 Ascend gentle slope
- 80.00 Enter cut at station 47 elks N of the Cor
to Secs 27, 28, 33 & 34. Hence I run
at $81^{\circ}31'N$ on a true line bet Secs 28 & 33
with same run
- 40.00 Set limestone 15 + 8 + 6 ins 11 ins in
the ground for $\frac{1}{4}$ in. cor. marked
 $\frac{1}{4}$ in. face and raised a mound
of stone alongside. From which
A Lidar 10 ins diam bet NE rocks
dial marked $\frac{1}{4}$ S.B.T.
- A Pinon 6 ins diam bet S 14th 10 elks
dial marked $\frac{1}{4}$ S.B.T.
- 80.00 The Cor to Secs 28, 29, 32 & 33

Subdivisions Trout River Contin

cts

Land broken rocky

Soil - 3d rate

Timber Cedar Pine & Juniper brush

North bet Secs 28 and 29

74 130 50' E

Over broken ground

Along W bank of wash

7.00 Top of Mesa.

10.40 Edge of cañon, wash bet it & E

11.00 Bottom of wash, bet it & E

40.00 Set limestone 12 + 10 + 5 ins 8

ins in the ground for 1/4 Sec Cor

marked 1/4 on W face and raised

a mound of stone along side; from which

A Cedar 8 ins diam bet it 20° E 80 cts

dist marked 1/4 S. B. T.

A Cedar 10 ins diam bet it 60° W 20 cts

dist marked 1/4 S. B. T.

51.00 Commence steep rocky descent -

54.50 Bottom of Cañon about 740 feet deep Comm E

Subdivisions T 21 at Rio E cont

cls

58.30 Top of left-bank of Cañon

80.00 Set malpais rock 16+12+10 ins

10 ins in the ground for Ar to Sec

20, 21, 28 and 29 marked with 3

notches on S and 4 notches on E edges

and raised a mound of stone along it

from which a Pinon 6 ins diam has N 20° E

30 lbs dist marked T 20 N Rio E S 21 B J

A Cedar 8 ins diam has S 46° E 40 lbs

dist marked T 20 N Rio E S 28 B J

A Pinon 12 ins diam has S 30° E 24

lbs dist marked T 20 N Rio E S 29 B J

A Cedar 8 ins diam has N 75° E 20 lbs

dist marked T 20 N Rio E S 20 B J

Land broken rocky

Soil - 1/4" rate

Timber Cedar, Pinon & some brush

S 89° 05' E on expanding line bet Secs 21 & 28

Subdivision Test Rec & Cont.

20

70 13° 50' E

Through dense cedars.

38.20 Cross mark 14 cks wide corner $N 30^{\circ} E$ 40.00 Set temporary $\frac{1}{4}$ sec cor50.00 Subtract $N + S$ line at the Cor to

Secs 21, 22, 27 + 28: Thence from

 $N 89^{\circ} 05' W$ on a true line bet Secs 21 + 28

with same run

40.00 Set limestone 16 + 9 + 6 ins pins in

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

from N face end raised a mound

of stone alongside: From which

A Cedar 10 ins diam bet $N 20^{\circ} E$ 40cks dist marked $\frac{1}{4}$ S. S. S.A Pinon 12 ins diam bet $S 40^{\circ} W$ 35cks dist marked $\frac{1}{4}$ S. S. S.

80.00 The Cor to Secs 20, 21, 28 + 29

Sand rough rocky

soil - 3 ft rock

Timber Cedar Pinon & Dense brush

Subdivisions T₂₀ of R₁₀ E Contin^{ed}
chs

North bet Sics 20 and 21

7a 13° 50' E

Over rough broken ground

23.80 Commenced to descend rocky side of Cañon

28.80 Bottom about 80 feet deep Course E
and ascended

34.20 Top of left bank of Cañon.

40.00 Set limestone 16 + 9 + 6 ins 12 ins in
the ground for $\frac{1}{4}$ Sec cor marked $\frac{1}{4}$

on N face and raised a mound
of stone along side. From which

A Cedar 14 ins diam less at 60" W
20 cks dist marked $\frac{1}{4}$ S B. T.

A Pinon 6 ins diam less S 65-00 E
40 cks dist marked $\frac{1}{4}$ S B. T.

54.30 Commence to descend gentle slope

59.40 Cross ravine 40 feet below top of
slope 14 cks wide Course E + ascended

62.00 Top of slope

Sub divisions Track Rio E. Contin

Chw

80.00 Set limestone 16 + 10 + 9 ins 12 ins in
the ground for Cor to Sies 16. 17. 20
or 21 marked with 3 notches on S
and 4 notches on E edges and raised
a mound of stone alongside; From which
A Pinon 8 ins diam hrs. N 90° E 100 lbs dist
marked T 20 A R 10 E S 16 B. J.

A Pinon 12 ins diam hrs S 10° E 20 lbs dist
marked T 20 A R 10 E S 21 B. J.

A Cedar 8 ins diam hrs S 30° N 34 lbs
dist marked T 20 A R 10 E S 20 B. J.

A Pinon 12 ins diam hrs N 11 30 lbs
dist marked T 20 A R 10 E S 17 B. J.

Land rough, broken

Soil rocky - 3d rate

Timber Cedar, Pinon & dense brush

I examined my instrument to
day and found it to be in perfect
adjustment — Sept. 2, 1886.

Sub-surface T 7 out Road? Cont

Chs

S 89° 05' E as a random line bet Sus 16 & 21

72 13° 50' E

through dense cedars.

40.00 Set temporary 1/4 sec cor

53.80 Top of left bank of Cañon

58.50 Bottom of Cañon about 80 feet deep Course

67.00 Top of right bank of Cañon.

80.15 Intersect at S line 44 chs N of the last

Sus 15, 16, 21 and 22. Thence I run

S 89° 33' N on a true line bet Sus 16 & 21

with same

40.04 Set limestone 12 + 9 + 8 ins 8 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 Cedar 9 ins diam bet S 40° E 20 chs

dist marked 1/4 S 13. T.

A Pinon 8 ins diam bet Sus 24 & 40

chs dist marked 1/4 S 13. T.

Sub divisions T₂₀ & R₁₀ E Cont.

118 The Cor to Sec 16, 17, 20 & 21

Ground broken rocky

Soil - 3d rate

Similar Pedal Pinon - Dense brush

North bet Secs 16 and 17

7d 13° 50' E

Through dense peduncs

10.00 Set limestone 12 + 4 + 8 ins 8 ins

in the ground for 1/4 sec cor marked

1/4 in N face and raised a mound

of stone alongside; From which

A Pinon 6 ins diam bet S 80° E 20 lbs dist

marked 1/4 S.B.T.

A Pinon 8 ins diam bet S 60° 45' E 35 lbs

dist marked 1/4 S.B.T.

17.50 Cross sand wash 75-lbs mile Canyon ^E 12

23.70 " " " 125 " " Course ^E 20

30.00 Set limestone 15 + 10 + 6 ins 11 ins

Subdivisions T 20 N R 10 E Cont.

Elev

in the ground for 20 to 25 ft. 8, 9, 16
and 17 marked with 4 notches on S
and E edges and raised a mound of
stone along side. From which
A Cedar 10 in diam hrs N 40° E 64 lks
dist marked T 20 N R 10 E S 16 13, 7,
A Pine 8 in diam hrs S 60° E 70 lks
dist marked T 20 N R 10 E S 16 13, 7,
A Pine 5 in diam hrs S 60° E 55 lks
dist marked T 20 N R 10 E S 17 13, 7,
A Pine 5 in diam hrs N 30° W 40 lks
dist marked T 20 N R 10 E S 18 13, 7,

Land broken

Soil rocky - 3d rate

Timber Cedar Pine + some brush

S 89° 51' E on a random line bet. S 10 13, 7 & 16

700 ft. 25' E

Through dense cedar

Subdivisions East Rio Grande

- 6.50 Set temporary 4x4 c.c. cor
- 0.00 Intersect at station 14th of the
 Cor to Secs 9, 10, 13 and 16. Thence I run
 N 89° 45' 11" on a true line bet Secs 9 + 16
 with same cu
- 0.00 Set limestone 10 + 10 + 5 ins 13 ins in
 the ground for 1/4 Sec cor marked
 from a face and raised a mound
 of stone alongside. From which
 a Cedar 18 ins diam bet at 60° E 76
 lbs dist marked 1/4 S.B.T.
- A Pinon 8 ins diam bet S 40° 47' 80
 lbs dist marked 1/4 S.B.T.
- 20.00 The Cor to Secs 8, 9, 16 + 17
 Land rocky
 Soil - 3d cult -
 Timber Cedar, Pinon & Dwarf brush

Subdivisions T20 N R 10 E contin
 chs

North bet lines 8 and 9

7a $13^{\circ} 55' E$

Over broken ground

22.00 Cross mark 10 lbs with course $N 40^{\circ} E$

40.00 Set limestone 16 + 12 + 6 ins 18 ins in

the ground for 1/4 sec or mark 1/4

W face and raised a mound of stone

alongside. From which

A cedar is dia. bet $N E 62^{\circ}$ lbs

dist marked 74 S 13. T.

A Pine 8 ins dia. bet $S 60^{\circ} W 42$

lbs dist - marked 74 S 13. T.

72.40 Cross ravine 35 lbs with course E

80.00 Set limestone 16 + 8 + 8 ins 12

ins in the ground for bet to lines

4, 5, 8 + 9 marked with 5 notches

on the S + 4 notches on E edge +

raised a mound of stone alongside from which

A Pine 6 ins dia. bet $N 65^{\circ} E$ 12 lbs

Set divisions T 20 N R 10 E Cont

Clw

Not marked T 20 N R 10 E S 13 T

A Pine tree diam bet S 60° E 30 lks

Not marked T 20 N R 10 E S 9 B T

A Cedar tree diam bet S 14 20 lks

Not marked T 20 N R 10 E S 8 B T

A Cedar tree diam bet S 60 W 20

Not marked T 20 N R 10 E S 5 B T

Land rough rocky

Soil - 3d rate

Timber Cedar, Pine & dense brush

S 89° 58' E on a random line bet Sec 4 & 9

Pa 13° 55' E

Through dense Cedar

24.20 to cross prairie 70 lks wide Course N 35° E

40.00 Set temporary for Sec 20

80.00 Intersect N 88 line 17 lks S of the Cor to Sec

3, 4, 9 and 10. Thence S 100

N 89° 58' 17 on a true line bet Sec 11 & 9

Subdivision Foot Red cont
 ch

with some on

40.00 Set limestone 18 + 6 + 10 ins 14 ins
 in the ground for Huber cor marked H
 on N face and raised a mound of stone
 alongside from which
 A Cedar 5 ins diam Foot Red cont 30 6
 dist marked H, S, B, J,

A Pine 4 ins diameter Foot Red cont 30 6
 42 cfs dist marked H, S, B, J,

80.00 The Cor to Foot Red cont 30 6

Land rough rocky

Soil - 3d rate

Timber Cedar, Pine + Scrub Bush

North on a true line bet Sec 4 + 5

2a 13° 35' E

through dense Cedar

40.00 Set limestone 10 + 9 + 6 ins 7 ins
 in the ground for Huber cor

Sub divisions T 20 N R 10 E Continued

260

marked from W side and raised
a mound of stone along side. From which
A Cedar 5 in diam has N 40° E rocks
dist marked 74 S.B.S.

A Cedar 10 in diam has N 60° W 32
cks dist marked 74 S.B.S.

85.95

Intersect 5th Stand Parallel N
33 chs W of the Stand. Cor to Secs 3, 2, 3, 3
recently re established and described by me

Set limestone 14 + 10 + 8 in 10 in
in the ground for closing Cor to Secs
4 and 5 marked C. C. on S face
with 4 notches on E and 2 notches
on W edge and raised a mound of
stone along side. From which
A Pinon pine diam has SE 12 cks dist
marked T 20 N R 10 E S 4 S.B.S.

A Cedar 8 in diam has SW rocks
dist marked T 20 N R 10 E S 5 S.B.S.

Subdivision East Rio Grande

Chs

Land rough rocky

Soil - 3d class

Timber Cedar Pinon & dense brush

Sept. 3d, 1886.

From the Rio to Sec 5, 6, 31032 on the S
 edge of the 1/4 previously described by me
 from Parth bet Secs 31032

on 13055 E

Over rough rocky ground

1600' dense brush 3000' wide 60' feet

below Sec cor. Padre Canon

about 3000' dist. across S E

2000' bet limestone 20 + 10 + 9 in 16 in

in the ground for 1/4 Sec cor

marked 1/4 on W face and raised a
 mound of stone along side; from which

A Pinon 6 in diam bet NE 2000'

dist marked 1/4 S B. 1

Sub divisions T 20 N R 10 E Cont.

66

A Cedar 12 ins diam has 65 lbs

lbs dist marked T 20 N R 10 E

80.00 A limestone 20+10+9 ins 16 ins in

they rounded for Cor to Dec 29. 30 31+32

marked with scratcher sand's notched

on E edges and raised a mound

of stone alongside; from which

A Cedar 8 ins diam has N 40° E 80 lbs

dist marked T 20 N R 10 E S 29 B. T.

A Pinon 10 ins diam has S 70° E 100 lbs

dist marked T 20 N R 10 E S. 32 B. T.

A Cedar 12 ins diam has S 70° W 120

lbs dist marked T 20 N R 10 E S 31 B. T.

A Pinon 6 ins diam has N 80° W 45 lbs

dist. marked T 20 N R 10 E S 30 B. T.

Land rough & rocky

soil - 3d rate

Timber Cedar Pinon & dense brush

Subdivisions T20 N R10 E Cont.

Elev

S 89° 57' E on a random line bet Secs 29 & 32

72 13° 55' E

Through dense cedars

30.75 Commenced to descend rocky slope

38.00 Cross ravine, about 130 feet below

Top of slope 47 elev on bottom Course N 10° E
& ascend

40.00 Set temporary marker on

43.00 Top of slope

54.25 Commence to descend rugged slope

58.50 Bottom of Padre Cañon about 70 feet deep

Course N 10° E & ascend

65.00 Top of right bank of Cañon

76.30 Commence to descend

80.25 Entered N & S line 57 elev N of
the Cor to Secs 28, 29, 32 and 33

Thence I run

N 87° 27' W on a true line bet Secs 29 & 32

with same run

Subdivisions I 20. At Rio 2 cont.

- 4012 Set limestone 16 + 15 + 9 ins 13 ins
in the ground for $\frac{1}{4}$ Sec. Cor marked
 $\frac{1}{4}$ m. A face and raised a mound of stone
alongside: From which
A cedar 10 ins diam hrs N 20° E 50 lbs
dist marked $\frac{1}{4}$ S B. T.,
A cedar 8 ins diam hrs SW 40 lbs dist
marked $\frac{1}{4}$ S B. T.

- 4025 This Cor to Secs. 30, 31 + 32
Land rough broken
Soil rocky - 3d cat
Timber Cedar, Piñon & sence brush

N 89° 51' W on a random line bet Secs 30 & 31
74 13° 55' E

- Over mountainous ground
2000 Commence to ascend rocky slope
4000 Set temporary $\frac{1}{4}$ Sec. Cor
7070 About 180 feet above foot of slope

Sub divisions T 20 N R 10 E Cr 10
 C 10

Interval N body of Sh 18 lbs
 N of the Cr to bed 25-30-31-36
 which is a sand stone 15-17 ins
 marked with 1 notch on S & 5 notches
 on edges From which

A. Jasper 25-ins diam brs S 60° E
 45 lbs dit marked T 20 N R 10 E S 31 B.S.

A. Pison 8 ins diam brs S 70° E
 dit marked T 20 N R 9 E S 36 B.S.

A. Pison 8 ins diam brs N 15° W 35-
 lbs dit marked T 20 N R 9 E S 25 B.S.

Then I run

S 90° ⁵⁹ E on a true line bet S 30° 31
 with some on

38.70

Set metal pair rock 16+15+5 ins
 12 ins in the ground for $\frac{1}{4}$ dia
 Cr marked $\frac{1}{4}$ on N face
 and raised a mound of stone
 along side. From which

Subdivisions T 20. N R 10 E Contin

A Pinon 5 ins diam bet N 10° E 20 lbs
dist marked $\frac{1}{4}$ S.B.T.

A Pinon 8 ins diam bet S 20° W 60 lbs
dist marked $\frac{1}{4}$ S.B.T.

78-70 The Cor to Secs 29, 30, 31 & 32

Land mountains

Soil rocky - 10th rate

Timber Cedar Pinon + Dense brush

North bet Secs 29 and 30

70 13° 55' E

Through dense cedar

19.00 Cross head of north 40 lb side Corn E,

40.00 Set limestone 14 + 12 + 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 along side; From which
A Pinon 8 ins diam bet S 85° E 20 lbs
dist marked $\frac{1}{4}$ S.B.T.

Subdivisions, Top of R. W. & Center

chw

A Pinon 12 ins diam bers S 65° W 20 lbs
dist marked 14 S B T

80.00 Set limestone 13 + 10 + 6 ins pins
in the ground for loc to Sec 19, 20
29 & 30 marked with 2 notches on
Sands notches on E edge & raised
a mound of stone, along side: from which

A Pinon 4 ins diam bers N 10° E 15 lbs
dist marked 12 at R. 10° S 20 B T,

A Cedar 10 ins diam bers S W 20 lbs
dist marked 12 at R. 10° S 29 B T,

A Pinon 8 ins diam bers S 60° W 40
lbs dist marked 12 at R. 10° S 30 B T,

A Pinon 10 ins diam bers N 15° W 20 lbs
dist marked 12 at R. 10° S 19 B T

Land rough rocky

Soil - 3d rate

Timber Cedar, Pinon & dense brush,

Sub division T 20 N R 10 E Contn

Chs
 S 89° 51' E on a random line bet Secs 20 + 29
 70 13° 55' E

Through dense cedars

- 115.00 Cross wash 10 lks wide Course N E
 35.20 Cross wash 15 lks wide Course N 10° E
 40.00 Set temporary 1/4 Sec cor
 65.40 Cross wash 12 lks wide Course N 20° E
 80.00 Intersect N + S line at the Cor to Secs
 20, 21, 28 + 29. Thence I run
 N 89° 51' W. on a true line bet Secs 20 + 29
 with same ra

- 145.00 Set sulphur rock 16 + 12 + 9 pins 12 ins
 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 line 6 ins diam bet N 20° E 30
 lks dist marked 1/4 S B. T.
 A cedar 8 ins diam bet S E 40
 lks dist marked 1/4 S B. T.

Sub divisions T20 N Rio E Cont
cls

80.00 The Cor to Secs 19, 20, 29 & 30

Land rough rocky

Soil - 3d rate

Timber Cedar Pine & some brush

Sept. 4th, 1886.

At 9051 ft. on a random line bet Secs 19 & 30

7th 13° 55' E

Through dense cedars

40.00 Set temporary 1/4 sec cor

67.70 across wash 25 feet deep 3 cks
wide course N.E.

78.30 Intersect N. bdy of T₂₀ 26 cks

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

which is a post 4 + 4 ins eye

in mound of stone marked

T₂₀ N S 19 on N E; R 10 E S 30 on S E

R 9 E S 26 on S W & S 24 on N W

faces with 2 notches on S

Subdivisions T 20 N R 10 E
 ch

and 4 holes on N edge: From which
 A Pinon 9 ins diam bet N 65° E 70 lbs
 dist marked T 20 N R 10 E S 19 B. T.

A Juniper 9 ins diam bet S 12° E 30 lbs dist
 marked T 20 N R 10 E S 30 B. T.

A Pine 8 ins diam bet NW 60 lbs
 dist marked T 20 N R 9 E S 24 B. T.

Thence I run

S 89° 40' E on a true line bet Secs 19 & 20
 with same on

Set multipais rock 17 + 9 + 9 ins
 13 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 Pinon 8 ins diam bet
 N 10° E 20 lbs dist marked $\frac{1}{4}$ S B. T.
 A Pinon 8 ins diam bet NW 45 lbs
 dist marked $\frac{1}{4}$ S B. T.

7830 The Cor to Secs. 19, 20, 29 & 30

Subdivision Trust Road cont.

cls

Land receipt rectly

Soil - 3d rate -

Timber Cedar & dense brush

North bet Secs 19 & 20

7a $13^{\circ} 55' E$

Through dense cedars

22.30 Cross north 18 ebs with Course B2

40.00 Set limestone $20 + 10 + 9 \frac{1}{2}$ ins in

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

front face and raised a mound

of stone along side. From which

A Cedar 6 ins diam bet $N 60^{\circ} E$

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

A Pinon 8 ins diameter bet $N 80^{\circ} W 42$

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

47.00 Commence to descend rocky slope

52.00 Cross ravine about 80 feet

below top of slope 25 ebs with Course C

Subdivisions T 20 N R 10 E Carter

660
 58.00 Top of left bank of ravine 75 feet high
 80.00 Set limestone 18 + 4 + 5 ins 14 ins
 in the ground for tie to Secs. 17,
 18, 19 and 20 marked with 3
 notches on S and 5 notches on E
 edges and raised a mound of
 stone along side; From which
 A Cedar 8 ins diam bet 65° E 40
 fts dist marked T 20 N R 10 E S 17 B, T,
 A Cedar 8 ins diam bet 87° E 24 fts
 dist marked T 20 N R 10 E S 20 B, T,
 A Pinon 10 ins diameter S 20 77 92 fts
 dist marked T 20 N R 10 E S 19 B, T,
 A Cedar 12 ins diam bet $N 40^{\circ}$ 77 61
 fts dist marked T 20 N R 10 E S 18 B, T,
 Land broken rocky
 Soil - 3d rate -
 Timber Cedar, Pinon & Saus brush

Subdivisions T 20, N R 10 E Cont
 chs

S 89° 57' E on a random line bet Secs 17 & 20

72 13° 55' E

Through dense cedars

- 7.70 Cross wash 12 lks wide Course S E
 27.60 Cross wash 70 lks wide Course S 15° E
 40.00 Set temporary 1/4 Sec Cor
 45.70 Cross wash 25 lks wide Course S 10° E
 79.90 Cut back to line 29 lks S of the
 Cor to Secs 16, 17, 20 & 21 Thence from
 S 89° 03' W on a true line bet Secs 17 & 20
 with same ra

- 39.95- Set limestone 18 + 10 + 8 ins 13
 ins in the ground for 1/4 Sec Cor
 marked 1/4 on N face & raised a
 mound of stone alongside from which
 A Cedar 10 ins diam bet N 75° E
 20 lks dist marked 1/4 S B T.
 A Pinon 6 ins diam bet S 40° W
 14 lks dist marked 1/4 S B T.

Subdivisions Tract No 2 Contd.

- 79.90 The Cor to Secs 17, 18, 19 + 20
 Land broken & rocky
 Soil - 3d rate
 Timber Cedar Pine + Dense brush
- At 89° 34' from a random line bet Secs 18 & 19
 7a 13° 55' E
 Through dense cedars
- 36.00 Cross north 20 lks wide Course S. E.
 40.00 Set temporary 1/4 Sec Cor
 61.50 Cross north 15 lks wide Course S E
 77.80 Intersect W. boundary of the 31 lks
 S. of the Cor to Secs 13, 18, 19 + 24
 which is a post 4 + 4 ins sq in
 a mound of stone marked T 20
 At S 18 on N E R 102 S 19 on S E
 R 92 S 24 on NW + S 24 on NW
 faces with 3 notches on both
 edges: From which

Sub divisions T20, N10 & Ont
cls

A Pine 10 ins diam bet N 65° E 60

cls dist marked T20, N10 & S 15 B. Y.

A Juniper 9 ins, diam bet S 80° E 35 - cls dist
marked T20, N10 & S 19 B. Y.

A Pine 9 ins diam bet S 80° W 89 cls dist
marked T20, N 9 & S 24 B. Y.

Thence I run

S 89° 35' E on a true line bet Secs 18 & 19

with some run

5748 Set limestone 18 + 10 + 5 ins 15 ins
in the ground for 1/4 sec bet

marked 1/4 on N face & raised a

mound of stone along side from the

A cedar 6 ins diam bet E 20 cls marked 1/4 S B. Y.

A Pine 12 " " " " N 60 " " " 1/4 S B. Y.

7780 This lot to Secs 17, 18, 19 & 20

Land Rough rocky

Soil - Sdrate

Timber Cedar Pine & dense brush

Subdivision 7201 N. 10th & C. 10th

cls

North bet Secs 17 & 18

7th 13° 55' E

Through dense cedars

19.30 Cross wash 12 lks wide Course S 16° E

40.00 Set limestone 16 + 10 + 9 ins 12 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 Pine 9 ins diameter N 60° E 40

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

A Cedar 7 ins diameter S 85° W 65

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

46.00 Cross wash 26 lks wide Course S E

80.00 Set limestone 16 + 10 + 5 ins 14 ins

in the ground for Cor to Secs 7, 8

17 and 18 marked with 4 notches on

S and 5 notches on E edges & raised

a mound of stone along side. From which

A Cedar 20 ins diameter N 20° E 50 lks

Sub divisions T 20 N R 10 E Cont'n
 clw

Set marked T 20 N R 10 E S 8 13 J.

A Cedar 12 ins diam hrs S 20° E 55-
 lbs dist marked T 20 N R 10 E S 17 B J

A Cedar 10 ins diam hrs S 15° E 52 lbs dist
 marked T 20 N R 10 E S 18 B J.

A Cedar 15 ins diam hrs N 50° W 20 lbs
 dist marked T 20 N R 10 E S 7 B J

Land rough rocky

Soil 3d rate

Timber Cedar, Pine & Dense brush

S 89° 51' E. on a random line bet S 8 13 J

74 13° 55' E

Through dense Cedars,

40.00 Set temporary 1/4 Sec cor

80.16 Intersect to S line at the Cor to S 8

S. 9. 16 & 17. Thence from

N 89° 51' W on a true line bet S 8 13 J

with same ra

Subdivision of Tr. N. E. 10 & Center

- 40.08 Set limestone 10 + 9 + 8 ins 7 ins
 in the ground for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ on N face & raised a mound of
 stone along side; From which
 a Pin 6 ins diam cor S 40 lbs dist
 marked $\frac{1}{4}$ S B. L.,
 A Pin 12 ins diam cor N 60° E
 20 lbs dist marked $\frac{1}{4}$ S B. L.,
 80.16 The cor to Secs 7, 8, 17 & 18
 Land rough & rocky
 Soil 3d rate
 Timber Cedar, Pin & scrub brush
 N 87° 31' W on a random line bet Secs 7 & 18
 74 13° 55' E
 Through dense cedar
 40.00 Set temporary $\frac{1}{4}$ sec cor
 77.45 Intersect W. bdy of T_h 14 lbs
 S of the cor to Secs 7, 12, 13 & 18

Sub divisions of 20, 10 & 5
 clw

which is a limestone 16 + 7 ins marked
 with 4 notches on S & 2 notches on N
 edges From which a Pinon 7 ins dia
 bers N 80° E 35 lbs dist marked 20, 10 & 5 7/13 J

A Pinon 10 ins diam bers S 43° E 30 lbs
 dist marked 20, 10 & 5 18/13 J

A Pinon 10 ins diam bers N 65° W 70 lbs
 dist marked 20, 10 & 5 12/13 J

There is a run

S 89° 45' E on a true line but has 7 or 8
 with same run

3741 A limestone 20 + 15 + 15 ins 16
 ins in the ground for 1/4 sec
 marked 1/4 on N face & raised
 a mound of stone along with from which
 A lead 10 ins diam bers N 70° E 100
 lbs dist marked 1/4 S B. J

A Pinon 8 ins diam bers S 17° 75' lbs
 dist marked 1/4 S B. J

Sub divisions T 20 N R 10 E Cont.

77.45 The Cor to Secs. 7, 8, 17 & 18

Land rough rocky

Soil - 3d rate -

Timber Cedar Pinon & dense brush

Sept. 3rd, 1886.

North bet Secs 7 and 8

70 13° 55' E

Through dense cedars

18.75 Cross and wash 50 lbs wide Course 85° E

40.00 Set limestone 16 + 9 + 8 ins 12 ins

in the ground for the Sec cor marking

1/4 on N face and raised a mound

of stone along side. From which

A Pinon 6 ins diameter 89 25-lbs

dist marked 1/4 S B. T.

A Pinon 8 ins diameter at 85° E 30

lbs dist marked 1/4 S B. T.

67.20 Cross wash 12 lbs wide Course E

Subdivisions Trout Run & Contin

ch

80.00 Set - limestone 16 + 15 + 5 ins 12 ins
 in the ground for Cor to Red 516
 7 and 8 marked with 5 notches on
 S + E edges & raised a mound of
 stone along side. From which
 A Pin 10 ins diam has N 60° E 100 lbs
 dist marked Trout Run & S 5 B.T.
 A Cedar 10 ins diam has S 60° E 20
 lbs dist marked Trout Run & S 5 B.T.
 A Pin 8 ins diam has S 70° E 15 lbs
 dist marked Trout Run & S 7 B.T.
 A Cedar 6 ins diam has N 20° W 30
 lbs dist marked Trout Run & S 6 B.T.

Land rough rocky

Soil - 3d rate

Timber Pin Cedar & some brush

S 89° 05' E on a random line bet Secs 5 & 8
 Pa 13° 55' E

Subdivisions T20 N R10 E Co. Carter

- ^{Chas}
 40.00 Set temporary $\frac{1}{4}$ sec cor
 80.00 Intersect N & S line 28 chs N of the cor to
 Secs. 3, 4, 8 and 9. Thence S from
 $N 89^{\circ} 39' 11''$ on a true line bet Sec 15 & 8
 with same run
 40.00 Set limestone 16 + 9 + 6 in 12 in in
 the ground for $\frac{1}{4}$ sec cor marked
 $\frac{1}{4}$ in N face; From which
 A cedar 10 in diam bet $N 30^{\circ} E 35'$
 chs dist marked $\frac{1}{4}$ & 13, 7.
 A cedar 8 in diam bet $S 70^{\circ} E 15'$
 dist marked $\frac{1}{4}$ & 13, 7.
 80.00 The cor to Secs 5, 6, 7 and 8
 Land rough & rocky
 Soil - 3d rate
 Timber - Cedar Pine & dense brush
 $N 89^{\circ} 51' 11''$ on a random line bet Secs 6 & 7
 $7a 13^{\circ} 55' E$

Subdivision T 20 N R 10 E Contine
 els

Through dense cedars
 40.00 Set temporary 1/4 sec cor

78.90 Intersect N belly of the 38-cks
 S of the Cor to Secs 1, 6, 7 & 12 which
 is a limestone 16 + 9 marked with
 5 notches on Sand 1 notch on Judge's
 from which A Pinon 9 ins diam brs
 N 78° E 15-cks dist marked T 20 N R 10 E S 4 B. T.
 A juniper 10 ins diam brs S E 30 cks dist
 marked T 20 N R 10 E S 7 B. T.
 A juniper 16 ins diam brs 57.31 cks dist
 marked T 20 N R 9 E S 1 B. T.

Thence I run

S 89° ³⁵ E on a true line bet Secs 6 & 7

with same run

Set limestone 14 + 10 + 8 ins 9 ins
 in the ground for 1/4 sec cor marked
 1/4 on N face and raised a mound
 of stone along side. From which

Sub divisions T20 N R 10 E Cont-

A Cedar 12 ins diameter N40°W 100
 lks dist marked 1/4 S.B.T.

A Pinon 10 ins diameter N E 75- lks
 dist marked 1/4 S.B.T.

76.90 The Cor to Secs 5, 6, 7 & 8

Land rough rocky

Soil - 3d rate -

Timber Cedar Pinon & dense brush

Start on a true line bet Secs 5 & 6

70° 13' 55" E

Through dense Cedars

40.00 Set limestone 13+10+8 ins pins in
 the ground for 1/4 the cor. marked
 1/4 on N face and raised a mound
 of stone along side. From which
 A Cedar 12 ins diameter, N40°W 100 lks
 dist marked 1/4 S.B.T.

A Pinon 10 ins diameter N E 75- lks dist
 marked 1/4 S.B.T.

Subdivisions T 20. N R 10 E Contn

cls

82.35 - Intersect of the Stand Parallel N. 33.20

cls. W of the Stand Cor to Secs 31
+ 32: Set limestone 20 + 10 + 4 ins
16 ins in the ground for closing Cor
to Secs 6 + 7 marked C.C. on the S
face with 5 notches on E + 1
notch on W edges and raised a
mound of stone alongside. From which
A Pinon 8 ins diam has S 50° E 50

lbs dist marked T 20 N R 10 E S 13.7.
A Pinon 8 ins diam has S 48.80 lbs
dist marked T 20 N R 10 E S 6 B T

Land rough rocky

Soil - 3d rate

Timber - Cedar Pinon & dens brush

I examined my instrument to
day & found it to be in perfect
adjustment - Sept. 6, 1886

Map division T 20 N R 10 E Contn

General description

This Sp lies on the N. E. slope of the
 Tuziglacan Mountain mesa &
 drains into the little Colorado
 river. The surface is densely
 covered with scrub cedar brush
 interspersed with small pines.
 The formation is limestone and
 near the "Point" in the SW
 Cor it is overlaid with
 volcanic rock

Water runs in Padre Cañon
 only during the wet season,
 and remains in tanks during
 the balance of the year

On the S E 1/4 of Sec 22 is an
 old indian fort - built of
 limestone blocks & is in a
 good state of preservation

General description Continued
The entire surface of the ground
in this township as also in the
other Tps of this survey on the
Mogollon Mountain mesa is
shaded & fairly hard with
stone so that it would be
impracticable to dig pits or
dig into the ground to set
Curs. I therefore have
established the Cur-poles
by building rock around
them in a secure manner.

R. L. Powers
U.S. Deputy Surveyor

BOOK 369

U. S. Surveyor-General's Office,

TUCSON, A. T. June 24 1889

The foregoing Field Notes of the Surveys of
the subdivision lines

of
T 20. N - R 10 E.

Gila and Salt River Meridian

in Arizona executed by

Ridgley C. 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 A. C. [Signature]
U. S. Surveyor-General
for the Territory of Arizona.