

117

SUBDIVISIONS
of
T. 13, S., R. 21, E
Rockfellow.

BOOK 789

No. 789

BOOK 789

682

4-671

FIELD NOTES
GENERAL LAND OFFICE.

No. 789

BOOK 789

Field Notes
of the survey of the
Subdivisions of
Twp. 13 South,
Range 21 East
of the
Gila and Salt River
Base and Meridian
in the
Territory of Arizona
as surveyed by
John A. Rockfellow
U.S. Deputy Surveyor

Under his contract No. 66
Dated May 22, 1900

Survey commenced Nov. 26, 1900
Survey completed Dec. 18, 1900.

Subdivisions of
Names and Duties
of Assistants.

O. W. Howard Chairman

Ed. Huber Chairman

John T. Proffitt Woundman

John P. Sebin Woundman

George Huber Woundman

James Johnson Flagman.

(4-674.)

Township 13 S R. 21 E

2A

BOOK 789

BOOK 790

6	84	5	78	4	57	3	40	2	20	1
86		80		76		56		36		18
7	82	8	74	9	54	10	34	11	16	12
				72		52		32		14
18		17	71	16	51	15	30	14	13	13
				69		50		29		10
19		20	67	21	48	22	28	23	9	24
				65		47		27		8
30		29	63	28	45	27	25	26	7	25
				61		44		24		6
31		32	60	33	41	34	23	35	4	36

6-389

reproduced by me

26 Preliminary Oaths of Assistants.

BOOK 789
We,
and

W. Howard
Edward Huber

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

Subdivisions of
Tp 13 S. R. 21 E.

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

W. Howard Chainman.
Edward Huber Chainman.
Chainman.
Chainman.

Subscribed and sworn before me, this *21st* day of *November* 189*9* 1900

John A. Rockfellow
Notary Public.

[SEAL]

My Commission expires Apr 10 1903

We, *James Johnson*
John T Proffitt & *John P Sabin*
George Huber

do solemnly swear that we will well and truly per-
form the duties of *Flagman*

& *Meridianman* ^{Mapman}

in the establishment of corners and other duties,
according to instructions given us, and to the best
of our skill and ability, in the survey of the

Subdivisions of
Tp 13 S R 21 E

BOOK 789

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

James Johnson
Geo. T. Proffitt
John P Sabin
George Huber

(Dec. 11)

Subscribed and sworn to before me this *21*

day of *November* 18*99* 1900

John A Proffitt
Notary Public.

approved by the

4 13 S. R 21 E

Survey commenced
Nov. 21, 1900 and executed
with a Young and
Sons Mountain Transit
No. 6835 with Smith
Solar attachment. The
horizontal limb is
provided with two
double verniers opposite
to each other reading
to single minutes of
arc which is the
least count of the
lat and decl arcs.

The instrument was
examined, tested on
the true meridian
at Tucson, found
correct and was
approved by the

Subdivisions of
cls

Surveyor General
for Arizona ^{Nov. 24} Dec. 1899
Dec, 6, 1900

At the cor to secs 1, 2,
35 and 36 on S. Bdy
I establish a merid-
ian with solar
and run $N0^{\circ}11'$ W bet
secs 35 and 36 T13SR21E
Var $12^{\circ}45'E$

Over level and rolling
ground.

40.00 Set a conglomerate
rock $13 \times 8 \times 7$ ins $8\frac{1}{2}$ ins
in ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ on W. face
dig pits $18 \times 18 \times 12$ ins
3 ft - N and S, and raise
mid of earth $3\frac{1}{2}$ ft - base
 $1\frac{1}{2}$ ft high W. of cor

T. 13 S. R. 21 E.

chs
66.50

Leave level ground enter rolling country, a succession of grassy draws and ridges sloping W.

80.00

Point for courses 25; 26, 35 and 36 falls at junction of two draws course W. Set a quartzite rock 14x10x8 ins 10 ins in the ground marked, notch on E and 1 on S. edges raise mid of stone 2 ft. base 3 ft high W. of cor. Pits impracticable Land level & rolling Soil 2nd rate No timber; little brush Good grass

Subdivisions of
cls

- E. on random line
bet secs 25 + 36
- 40.00 Set a temp $\frac{1}{4}$ sec. cor.
- 80.03 Intersect E. body 3 lks
S. of cor secs 25, 30, 31 + 36
Thence I run on
true line ~~bet secs 25 + 36~~
S $89^{\circ} 5-9'$ W bet secs 25 + 36
Over Allen Flat
- 40.01 $\frac{1}{2}$ Set a granite rock
14x10x8 ins ^{10 ins in ground,} for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. face
dig pits 18x18x12 ins
3 ft E. and W. of cor
raise mid of earth
3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft high
N. of cor
- 80.03 Cor secs 25, 26, 33 and 36
Land level and
rolling.

No. 789.

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Y 13 S R 21 E

BOOK 789

cls

Soil 2^d rate
No timber

var 12°45'-E

A 0°1'W bit sec 25 + 26

Over rolling ground

40.00

On a high slope set
a granite rock 20x8x6 ins
15 ins in the ground for
1/4 sec cor marked 1/4 on W
face dig pits 18x18x12 ins
N. and S. 3 ft. dist, and
raise end of earth
3 1/2 ft. base 1 1/2 ft. high W.
of cor.

75.75-

Old washed-out unmad
road brs E. and W.

80.00

Set a granite rock 16x10x
8 ins 11 ins in ground
for cor sec 23, 24, 25 + 26
marked with 1 notch on

Subdivisions of

E, and 2 on S edges
raise mid of stone
2 1/2 ft - base 2 ft - high
It. of cor.

Pits impracticable
Land rolling
Soil 2^d rate
No timber

A. 89° 5' 9" E. on random
line bet sees 24 + 25

40.00 Set temp 1/4 sec cor

79.99 Intersect E Bdy 2 lks
S of cor of sees 19, 24, 25, 30
Thence I run

S 89° 5' 8" W on true line
bet sees 24 and 25 -

over rolling ground

39.99 1/2 Set a granite rock 16 X 8 X 6 in
11 ins in ground for

T 133 R 21 E

chs

1/4 sec cov marked 1/4 on
N. face; dig pits 18X18X12 ins
E. and W. of cov, 3 ft-dia
and raise mid of earth
3 1/2 ft base, 1 1/2 ft-high
W. of cov

79.99 Cov secs 23, 24, 25 and 26.
Land rolling
Soil. 2^d rate - no timber.

var 12° 45' E
N. 0° 1' W. bet secs 23 + 24
One grassy draws and
ridges, sloping W.

40.00 On a N. slope near bottom
of ridge set a granite
rock 14X8X8 ins 10 ins
in ground for 1/4 sec cov,
marked 1/4 on W. face;
raise a mid of stone
2 ft base, 2 ft high W. of cov.

Subdivisions of chs

- Pits impracticable
- 51.75 Wash in Davis Cañon
18 lks wide course W.
- 80.00 Set a granite rock $14 \times 10 \times 8$ ins
10 ins in ground
for cor ccs 13, 14, 23 + 24
marked one notch on E.
and 3 on S. edges.
raise mid of stone 3 ft
base, $2\frac{1}{2}$ ft high W. of cor.
Pits impracticable
Land rolling.
Soil 2^d rate.
A few scattering Oak
trees in Davis Cañon
-
- "
- N. $89^{\circ} 3-8^{\circ} E$ on random
line bet secs 13 and 24
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.97 Intersect E bdy 5-lks

Y. 13 S R 21 E

chs

N. of courses 13, 18, 19 + 24

Thence I run

W on true line bet-
secs 13 and 24.Descend along S. Bank
of Davis Cañon.

Land mountainous.

8.75- Enter flat Davis Cañon
course N. S. W.

10.70 Wash 40 ft wide course S. W.

18.18 Recross same course N. W.

24.25- Recross same course S. W.

33.65- Leave flat, ascend and
run along N. bank.39.98½ Sit granite rock 16x12x8 ins
11 ins in ground for
¼ sec. cor. marked ¼ on
N. face; dig pile 18x18x12 ins
E. and W. 3 ft dist; raise
mid of earth 3½ ft base

Subdivisions of
chs

- 1 1/2 pt-high N. of cor.
Thence over ridges and
draws course S. W.
- 46.20 Rim of Davis Cañon
E. N. E. + W. S. W.
Over ridges & washes
sloping SW into Davis Cañon
- 77.23- Wash in cañon 18 lks wide
course S. W.
- 79.97 Cor. secs 13, 14, 23 and 24
Land rough
Soil 1st 2nd + 3rd rate.
Considerable oak and
juniper timber in flat
of Davis Cañon and
along S bank.
Mountainous land
79.97 chs
Dec 6

Y 13 S R 216

- che Dec 7 var $12^{\circ} 45' - E$.
 N. $0^{\circ} 1' W$ bit sec 13 and 14
 Over rolling ^{and Mts.} ground.
- 27.25- High ridge brs E. + W.
- 40.00 Set a sandstone $18 \times 12 \times 6$ ins
 12 ins in ground for $\frac{1}{4}$ sec. cov. marked
 $\frac{1}{4}$ on W. face. dig pits
 $18 \times 18 \times 12$ ins 3 ft. N. and S of
 cov. and raise mid. of
 earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft.
 high W. of cov.
- 42.40 ^{East mountains} Ridge brs N. E. and S. W.
- 50.00 Wash in Canon 50 lbs
 wide.
- 80.00 Set a volcanic rock
 $20 \times 14 \times 10$ ins 10 ins in
 ground for cov sec
 11, 12, 13 and 14, marked
 1 notch on E. and 4 notches
 on S. edges, raise mid

Subdivision of chs

of rock 3 ft - base $2\frac{1}{2}$ ft -
high W of cov.

pts impracticable
Land rough + mountainous
Soil 2^d and 3^d rate
some scattering oak +
Cedar trees in shaded
N. slopes.

mountainous land 40 chs

E. on random line
bet sees 12 and 13

40.00

Set trip 1/4 sec. cov.

80.10

Intersect E bdy 20 to S.

of cov sees 7, 12, 13 + 18
Thence I run

S 89° 3-1/4 W on true
line bet sees 12 and 13
over rolling and rough
land, down an

T 13 S R 21 E

elev

- 4 0.05⁻ easy ridge bet 2 cañons
 Set a quartz rock 18X14X12 ins
 12 ins in ground for
 1/4 sec cor marked
 1/4 on N. face; raise
 end of stone 3 ft-base
 2 1/2 ft-high N. of cor.
 Pits impracticable
- 44.00 Descend from ridge
 into cañon; descent
 becomes very steep
 Land mountainous
- 54.35⁻ Flat in cañon
- 54.85⁻ Wash in cañon 22 lbs
 wide course S. W.
- 69.50 Saddle in divide bet N. E + S. W.
 Land less mountainous.
- 80.10 Cor. secs 11, 12, 13 + 14
 Land level, rough and
 mountainous

Sub-division of
chs

Soil 2^d + 3rd rates.
No timber or brush
Mountainous land
36.17 chs

- 34.85- N 0°1' W bet secs 11 and 12
Land mountainous
Run across a succession
of ridges & deep gulches
High ridge bet E. and W.
38.35- Wash in cañon 15' like
side course W.
40.00 Set a volcanic rock
16x10x8 ins 11 ins in the
ground for 1/4 sec. cor.
marked 1/4 on W. face
dig pits 18x18x12 ins
N. and S. of cor 3 ft - dist;
raise mid of earth 3 1/2 ft -
base, 1 1/2 ft - high W. of cor.

Y 13 S R 21 E

- | | |
|--------|---|
| dis | |
| 46.00 | Ridge hrs E. and W. |
| 53.15- | Wash in gulch 10 lbs
wide course S. W. |
| 64.00 | Ridge hrs E and W.
Thence steep descent, angle
becomes 40° |
| 76.36 | Foot of steep descent. |
| 78.18 | Walnut tree 4 ft diam
3 ft - E of line |
| 78.80 | Wash in cañon 30 lb wide
course W. |
| 80.00 | Set a porphyry rock 18 x 16 x
10 ins 12 ins in ground
for cor. sees 1, 2, 11 + 12
marked with 1 notch
on E and 5 on S. edges.
Raise a rnd of stone
2 1/2 ft base 2 ft high W
of cor. Pds impracticable
thence a cross an an |

Subdivision of
chs

Oak tree, 1 ft diameter
blazed and scribed

T. 13 S R. 21 E. S. 2 B. 4. sec
N. $87^{\circ}08'$ W 178 ft dist.

A cross on a hackberry
8 in diam, close to the
above mentioned walnut
blazed and scribed

T. 13 S R. 21 E S 12 B 4, sec
S $4^{\circ}13'$ E, 122 ft dist.

Land mountainous
Soil 3rd rate.

Some oak, cedar and
juniper timber in
cañon just entered.

Mountainous land 80 chs

N. $89^{\circ}31'$ E on random
line bet secs 1 and 12

Y 13 S R 21 E

clos

- 80.06 Intersect E. bdy 12 lks
N. of cov secs 1, 6, 7 and 12
Thence I run
S $89^{\circ} 36' W$ on true line
bet secs 1 and 12
Descend along S. bank
of cañon. Land mountains
center^d wash of main
cañon 1.50 lks wide
course S W.
Thence ascend and
along ridge running
E. and W. across narrow
gulches and ridges
sloping S into main
cañon.
- 40.03 Sit a volcanic rock
14x10x8 ins 10 ins in the
ground for $\frac{1}{4}$ sec cov.

Subdivision of
cho

marked $\frac{1}{4}$ on N. face;
raise mid of stone
 $3\frac{1}{2}$ ft - base 2 ft high
N. of cor.

Pits impracticable.

68.00 Descend into side
cañon, course S.

72.55 Wash in side cañon
1/2 m side course S.

80.06 Cor secs 1, 2, 11 and 12
Land mountainous
Soil 2^d + 3^d rate

Oak, Juniper and Cedar
along main cañon.

Mountainous land

80.06 cho Dec 7

" " Dec 8

$40^{\circ}1'W$ on a random
line bet secs 1 and 2
var $12^{\circ}50'E$

Y 13 S R 21 E

cls	Over mountains land.
40.00	Set temp 1/4 sec cor.
80.00	Intersect N. Bdy at 20 lks W of cor secs 1, 2, 35 and 36 Thence I run. S. 0° 8' W on true line bet secs 1 and 2
	Over mountains land
	Descend from high slope.
8.55	Wash in cañon 15 lks wide, course S. W.
16.76	Point of ridge brs S. W.
25.10	Wash in deep cañon 45 lks wide, course W.
29.00	Ridge brs E. and W.
40.00	Set a volcanic rock 16x10x6 ins 11 ins in the ground for 1/4 sec cor, marked 1/4 on W. face raise mid of stone

Subdivision of
chs

- 2½ ft-base, 2 ft-high
H. of cov.
Pits impracticable
- 46.65 Wash in cañon 10 lks
wide, course S. W.
- 48.60 Ridge brs W.
- 50.00 Wash in cañon 15 lks
wide course W.
- 55.70 High ridges brs E. and W.
- 61.58 Wash in deep cañon
7 lks wide course S. W.
- 64.80 Ridge brs S. W.
Descend
- 80.00 Cov. of secs 1, 2, 11 and 12
Land mountainous
Soil 2¢ + 3¢ rate
No timber, little brush.
Mountainous land
80 chs
-

Y 13 S. R. 21 E.

chs

From cov of secs 2, 3, 34 + 35
on S. Body Tr., I run
N 0° 1' W bet secs 34 and 35 -
var 12° 30' E

Descend over rolling
broken ground

40.00

Set a quartzite rock
24 x 12 x 10 ins 16 ins in
the ground for 1/4 sec
cov, marked 1/4 on N. face
dig pits 18 x 18 x 12 ins on
line N + S of cov 3 1/2 ft-
dist; raise mid of earth
3 1/2 ft - base 1 1/2 ft - high
N. of cov.

80.00

Set a quartzite rock
24 x 12 x 10 ins 18 ins in
ground for cov secs
26, 27, 34 and 35; marked
with 1 notch on the S. +

Subdivision of

BOOK 789

2 on E. edges; dig pits
 18X18X12 ins in each
 sec 5-1/2 ft-dist; raise
 end of earth 4 ft-base
 2 ft-high W. of cov.
 Land rolling
 Soil 2nd rate
 No timber, little brush
 good grass

On random line
 bet secs 26 and 35-

40.00

Set temp 1/4 sec cov

80.16

Intersect N. and S. line
 at the cov secs 25-, 26,
 35 and 36,

Thence I run

It. on true line bet-
 secs 26 and 35-

Over rolling ground.

7133 R 21 E

dis
40.08 Set a granite rock
14 x 14 x 8 ins 10 ins in
the ground for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. face
dig pits 18 x 18 x 12 ins on
line E and W. of cor 3 ft-
dist; raise end of earth
3 $\frac{1}{2}$ ft-base, 1 $\frac{1}{2}$ ft-high
N. of cor.

80.16 Cor of sec 26, 27, 34th and 35;
Land slightly rolling
Soil 2nd and 3rd rate.
No timber.

var 12° 30' E

N. 0° 1' W bet sec 26 and 27
Over country slightly
rolling.

40.00 Set a granite rock
18 x 12 x 6 ins 12 ins in the

Subdivision of
 chs

80.00

ground for $1/4$ sec cor.
 marked $1/4$ on W. face;
 dig pits $18 \times 18 \times 12$ ins
 on line N. and S. of cor.
 3 ft. dist; raise and
 of earth $3 \frac{1}{2}$ ft - base
 $1 \frac{1}{2}$ ft - high W. of cor.

Set a granite rock
 $18 \times 18 \times 6$ ins 12 ins in
 the ground for cor. secs
 22, 23, 26 and 27, marked
 with 2 notches on E. and
 2 on S. edges; dig pits
 $18 \times 18 \times 12$ ins in each sec.
 $3 \frac{1}{2}$ ft - dist; raise and
 of earth 4 ft - base, 2 ft -
 high W. of cor.
 Land rolling.
 Soil 2^d rate. no timber

T. 13 S. R. 21 E

chs

E. on random line
bet. secs 23 and 26

40.00

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

80.15

Intersect N. and S. line
at cor to secs 23, 24, 25^{2/3} & 26

Thence I run

W. on true line bet-
secs 23 and 26

40.075

Set a granite rock 16x8x
8 ins 11 ins in ground
for $\frac{1}{4}$ sec. cor, marked
 $\frac{1}{4}$ on N. face; raise
mid. of stone 2 $\frac{1}{2}$ ft - base
2 ft high N. of cor.

Pits impracticable

80.15

Cor of secs 22, 23, 26 and 27
Land rolling.

Soil 2nd rate - no timber

Little brush Dec 8

Subdivision of

che

Dec 10

var 12° 50' E

N. 0° 1' W bet sec 22 and 23

Our rolling broken
ground.

33.50

High ridge, rim of
Davis Cañon

35.50

Wash in Cañon 35 ths
wide course W.

40.00

In Davis Cañon set
a quartzite rock 14x12x10
ins 10 ins in the ground
for 1/4 sec cor, marked
1/4 on W. face; dig pits
18x18x12 ins on line
N and S. of cor 3 ft - dist.
raise mid of earth
3 1/2 ft - base 2 ft - high
W. of cor.

Thence our ridges
and gulches course W.

80.00

Set a quartzite rock

T 13 S R 21 E

cls

20x10x8 ins 14 ins in the
ground for cov of secs
14, 15, 22 and 23.

(On top of smooth ridge)
marked with 3 notches
on the 8 and 2 on Edges.
raise mid of stone
3 1/2 ft base 2 1/2 ft high
W. of cov.

Pilo-infracticable
Land rolling, high
ridges and broad
grassy draws
Soil 2^d rate.

A few scattering
Oaks in Davis Cañon
Mountainous land 40 cls

E. on random line
bet secs 14 and 23

40.00

Set temp 1/4 sec cov.

Subdivision of

cls

- 80.18 Intersect N. and S. line
at cor of secs 13, 14, 23 and 24
Thence I run
W. on true line bet
secs 14 and 23
- 40.09 Set a porphyry rock 20 x
10 x 7 ins 14 ins in the
ground for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. face;
raise mid of stone
 $2\frac{1}{2}$ ft - base 2 ft high
N. of cor. Pit impracticable
- 80.18 Cor of secs 14, 15, 22 and 23
Land rolling
Soil 2nd rate
No timber - good grass

var $12^{\circ} 30' E$
 $40^{\circ} 1' W$ bet secs 14 and 15 -
Over rolling ground
- 29.90 Wash 35 lbs wide in

Y. 13 S. R. 21 E.

chs

cañon course W.

40.00

Set a granite rock
 16x14x8 ins 11 ins in the
 ground for $\frac{1}{4}$ sec. cor.
 marked 14 on W. face
 raise a end of rock
 $2\frac{1}{2}$ ft base, 2 ft high W.
 of cor.

Pits impracticable.

Descend over draw
 and ascend high
 ridge

61.00

Summit of high ridge
 Descent very steep.

Land mountainous

68.00

Wash 15 lks wide course W. W.

80.00

Set a volcanic rock 16x14x
 12 ins 11 ins in the
 ground for cor secs
 10, 11, 14 and 15 - marked

Subdivision of
chs

with 4 notches on S. and
2 on E. edges. dig pits
18x18x12 ins in each sec
5 $\frac{1}{2}$ ft - dist. raise and
of earth 4 ft - base, 2 ft -
high N. of cov.

Land rolling, rough
and mountainous
Soil 2nd and 3rd rate
No timber

Mountainous land
50.10 chs

E. on random line
bet. secs 11 and 14

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

80.22 Intersect N. and S. line
at cov secs 11, 12, 13 and 14
Thence I run
N. on true line bet

T. 13 S. R. 21 E.
 chs

secs 11 and 14

Over rolling, broken
 country,
 ascend and over
 ridge which brs
 W. S. W. and E. N. E.

Land mountainous

15.10 Wash 6 lks wide in
 long cañon, course W. S. W.

24.90 Ridge brs S. W. + N. E.

29.45 Wash in gulch 10 lks
 wide, course S. W.

34.00 Saddle in large ridge
 (brs N. E. and S. W.)

40.11 Set a volcanic rock
 16 x 12 x 6 ins 11 ins in
 ground for $\frac{1}{4}$ sec. cor
 marked $\frac{1}{4}$ on N. face
 raise mid. of stone
 3 $\frac{1}{2}$ ft - base, 3 ft - high

Subdivision of

cls

- N. of cor. Pits impracticable
Thence along S slope
of long ridge and
into small draw.
- 80.22 Cor secs 10, 11, 14 and 13-
Land mountainous
Soil 2nd rate
No timber
Mountainous land
80.22 cls
-
- "
- var 12° 50' E
- N 0° 1' W. bet secs 10 + 11
Over mountainous land.
- 6.27 Wash in canon 30 lks
wide course S. W.
- 10.00 Point of ridge bet E + W.
- 18.25 Wash in gulch 12 lks
wide course S. W.
- 30.40 Ridge bet N. E.

Y 13 S R 21 E.

- chs
 40.00 Set a white granite rock 24x12x8 ins 18 ins in the ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on W. face. Dig pits 18x18x12 ins in dirce N. and S. of cor 3 ft-dist. raise mid of earth $3\frac{1}{2}$ ft-base $1\frac{1}{2}$ ft-high W. of cor.
- 49.75 Ridge br E and W. Descend slope approach broad deep Cañon
- 78.25 Wash in canon 25 lks wide course W.
- 80.00 Set a volcanic rock 15x12x8 ins 10 ins in the ground for cor secs 2, 3, 10 and 11 marked with 5 notches

Subdivision of

on the S and 2nd and E edges
 and grain mound of struts $3\frac{1}{2}$ " base $1\frac{1}{2}$ " base W. of C.

Land mountainous

Soil 2nd and 3rd rate

A few trees in large
 cañon.

Mountainous land

80 chs Dec 10.

Dec 11.

C. on random line

bet. secs 2 and 11

40.00 Set trip 1/4 sec. cor.

80.20 Intersect N. and S. line

2 lks S. of cor of secs.

1, 2, 11 and 12.

Thence I run

S. $89^{\circ} 59'$ W. bet. sec 2nd and 11

Over mountainous land

3.10 Wash in main cañon

30 lks wide, course S. W.

6.00 Ascend very steep side

T 13 S R 21 E.

- | dis | of cañon |
|-------|--|
| 17.10 | Center of short elbow of main cañon, precipitous descent 150 lks wide, course N. and S. |
| 40.10 | Set a volcanic rock 24x12x12 ins 18 ins in the ground for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ on N. face raise ind. of stone 2 $\frac{1}{2}$ ft base 2 ft high N. of cor. Pits infracticable |
| 64.60 | Descend steep hillside |
| 72.60 | Wash in main cañon 40 lks wide course S. W. |
| 80.20 | Cor of secs 2, 3, 10 th and 11
Land mountainous
Soil 2 ^d and 3 rd rate.
Oak & Juniper trees
and Cedar trees in |

Subdivision of
main cañon.

BOOK

789

Many Cedars along the
shaded precipitous S.
side of cañon.

Mountainous land

80, 20 chs

Y. 13 S. R. 21 E.

Overlooked

- Subdivision of
 ch²
- 40° 1' W. on random
 line bet secs 2 and 3
- 40.00 Set temp $\frac{1}{4}$ sec cor.
- 80.06 Intersect N. Bdy of 9th.
 25-lks W. of cor secs
 2, 3, 34 and 35.
 Thence I run,
 S 0° 10' W. on true line
 bet secs 2 and 3
 over mountainous land
- 12.40 High ridge brs. W.
- 24.10 Wash in cañon 8 lks
 wide course S. W.
- 26.50 Ridge brs S. W.
- 33.30 Wash in cañon 20 lks
 wide, course W.
- 40.03 Set a volcanic rock
 18x12x12 ins 12 ins in
 the ground for $\frac{1}{4}$ sec cor.
 marked $\frac{1}{4}$ on W. face

Y. 13 S. R. 21 E.

chs

raise end of stone
 3 1/2 ft - base, 2 ft - high
 W. of cor. Pits impracticable
 Summit of high ridge
 ore W.

41.50

50.10

Wash 15 lks wide
 course S. W.

Descend slope into
 deep cañon

80.06

Cor of secs 2, 3, 10th and 11
 Land mountainous
 Soil 2^d and 3^d rate
 No timber
 Mountainous land
 80.06 chs

From course 3, 4, 33 &
 34, on S. Body. of Tfr,
 Iron,
 N. 0° 2' W bet secs 33rd & 34

Subdivision of

chs

var 12 S⁸ E

Our mountainous land

4.70 Ridge bcs N.W. and S.E.

9.68 Wash in gulch 18 lks
wide, course S.E.Thence across a series
of washes in gulches
and sharp ridges,
course of each S.E.

40.00

Set a porphyry rock
16x10x6 ins 11 in in the
ground for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. face;
dig pits 18x18x12 ins
on line N. and S. 3 ft dist.
and raise rnd. of earth
3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft high
It of corContinue to cross
ridges and gulches
in rapid succession

Y 13 S R 21 E

dis

course E.

70.00 Land becomes less
mountainous but rough.

80.00 Set a volcanic rock
14x10x7 ins 10 ins in
ground for cov secs
27, 28, 33 and 34.
marked with 3 notches
on E and 1 on S. edges
dig pits 18x18x12 ins
in each sec. 5 1/2 ft-dist.
raise mid of earth
3 1/2 ft-base 1 1/2 ft-high
H. of cov.

Land mountainous
and rolling

Soil 2^d and 3^d rate

No timber.

Mountainous land 80 chs

Subdivision of

- che
E. on random line
bet secs 27 and 34.
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. and S. line
3 lks S. of cor secs 26, 27,
34 and 35; thence I run,
S $89^{\circ}39'$ W on true line
bet secs 27 and 34
on rolling ground.
- 40.00 Set a granite rock
16x12x12 ins 11 ins in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face
dig pits 18x18x12 ins
in line E. and W. of cor
3 ft-dist; raise md.
of earth $3\frac{1}{2}$ ft-base
 $4\frac{1}{2}$ ft-high N. of cor.
- 5-3.00 Road Wilcox to Hot-
Springs via N. + S.

4.13 S. R. 21 E.

chs
80.00

Cor secs 27, 28, 33rd 34

Land: rolling

Soil 2nd rate

Not timber, little brush,

good grass

11

var 12° 45'-E

N. 0° 2' W. bet secs 27rd 28

Across a series of
gulches and ridges

course N. E.

31.80

Wash in deep gulch

22 lks wide course N. E.

40.00

Set a volcanic rock

14 x 8 x 7 ins 10 ins in

ground for 1/4 sec. cor.

marked 1/4 on W. face

dig pits 18 x 18 x 12 ins on

line N. and S. ^{of cor} 3 ft - dist.

raise mid. of earth

46

BOOK 789

Subdivision of

chc

3 1/2 ft-base 1 1/2 ft-high

H. of cor

Continue to cross ridges
and gulche course N. E.

75.00

Leave rough country
enter flat of Hot Springs
cañon course N. N. W.

80.00

Set a volcanic rock
18x10x6 ins 12 ins in ground
for cor secs 21, 22, 27 + 28.
marked 3 notches on E.
and 2 on S. edges.
dig pits 18x18x12 ins
in each sec 3 1/2 ft dist.
raise mid of earth
3 ft-base 2 ft high H. of cor.
Land rough + rolling.
Soil 2nd and 3rd rate
No timber Dec 11

Y 13 S. R. 21 E.

chs

Dec 12

N. $89^{\circ}59'E$ on a random
line bet secs 22nd & 27.

40.00

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

80.01

Intersect N. and S. line

4 lks N. of cor secs
22, 23, 26 and 27.

Thence I run

N. $89^{\circ}59'$ on true
line bet secs 22 + 27.

Over rolling ground

40.00 $\frac{1}{2}$

Set a volcanic rock
16x12x8 ins in ground
for $\frac{1}{4}$ sec. cor, marked
 $\frac{1}{4}$ on N. face, raise
mid of stone $2\frac{1}{2}$ ft - base
2 ft high N. of cor.

Pit is impracticable

78.56

Wash of Hot Springs
Cañon 30 lks wide course
North.

Subdivision of

dis	
79.05	Road to Hot Springs tra N. N. W.
80.01	Cov sees 21, 22, 27 and 28. Land rolling Soil 2 ^d rate No timber
	" var $12^{\circ}45'E$
	N $8^{\circ}2'W$ bet sees 21 and 22
3.30	Road Hilcox to Hot Springs tra N. N. W. and S. S. E.
16.50	Lean draw, ascend mesa.
22.72	Enter draw of Lewis Cañon course W.
28.78	Lean draw + over mesa
40.00	Set porphyry rock 15 X 2 X 8 in 10 in in ground for $\frac{1}{4}$ sec. cor marked $\frac{1}{4}$ on W. face; raise mid of stone $2\frac{1}{2}$ ft - base, $2\frac{1}{2}$ ft - high W. of cor. Pits impracticable

T. 13 S. R. 21 E.

- cho
73.85 Wash 30k wide
course N. W.
- 80.00 Over rolling country
Set a porphyry rock
14x11x7 ins in the
ground for cor sec
15, 16, 21 and 22, marked
with 3 notches on S. and
3 on E. edges.
21 E on S.E. face,
13 S on N.E. face.
dig pits 7x8x12 ins in
each sec. 5 1/2 ft dist.
raise mid of earth 4 ft base
2 ft high W. of cor.
Land rolling + mesa.
Soil 2^d + 3^d rate,
Large oak trees in
Davis Canyon
-

Subdivision of

- dis S $89^{\circ}59'E$ on a random
 line bet secs 15 and 22
 40.00 Set temp $1/4$ sec. cov.
 79.94 Intersect N. and S. line
 12 lks N. of cov secs 14, 15, 22, 23
 Thence I run
 N. $89^{\circ}5-4'$ on true line
 bet secs 15 and 22
 over rough ground
 10.20 Wash in cañon 10 lks
 wide course S.W.
 16.65 Ridge bet N.E. + S.W.
 31.80 Gulch wash 12 lks wide
 course S.W.
 39.97 Set a prosphyry rock
 $14 \times 10 \times 7$ ins 10 ins in the
 ground for $1/4$ sec. cov.
 marked $1/4$ on N. face
 raise end of stone
 $2\frac{1}{2}$ ft - base 2 ft - high

Y 13 S R 21 E

cls

N. of cor.

Pile impracticable.

Thence descend to
flat and along flat-

79.94 Cor secs 15, 16, 21 and 22

Land, rough, rolling
and flat.

Soil 2nd and 3rd rate

No timber

var 12° 35' E

N. 82nd bit sec 15 and 16

Over rolling land

40.00 Set a volcanic rock

13x12x6 ins 8 ins in the

ground for 1/4 sec. cor
marked 1/4 on N. face.

dig pits 18x18x12 ins
on line N. and S. of cor

3 ft - dist, raise mid

of earth 3 1/2 ft - base

Subdivision of
cho

- 1 1/2 ft-high W. of cor.
Over rolling ground
- 80.00 Set a porphyry rock
17x11x6 ins 6 ins in the
ground to bed rock,
for cor sec 9, 10, 15 + 16
marked with 4 notches
on S, and 3 on E. edges.
raise end of stone
3 1/2 ft-base, 2 1/2 ft-high
W. of cor.
Pits impracticable
Land rolling
Some Mesquit brush.
Soil 2nd and 3rd rate
-
- S. 89° 54' E on random
line hit sec 10 and 15-
- 40.00 Set temp 1/4 sec. cor.
- 79.91 Intersect N. and S. line

Y 13 S R 21 E

cls

at cor sec 10, 11, 14 ^{and} 15-

Thence I run

N. $89^{\circ}5'4''$ on true line
bet sec 10 and 15.

Ascend slope.

Land mountainous

11.00 Cross wash in Cañon
20 lks wide course S.W.

13.20 Recross same wash.

17.00 Ridge brs S.

19.85 Gulch 15 lks wide course S.

24.75 Ridge brs S.

27.78 Gulch 12 lks wide course S.

32.00 High ridge brs N. and S.

39.955- Set volcanic rock $18 \times 12 \times$ 10 ins 12 ins in the
ground for $\frac{1}{4}$ sec cor.
marked $\frac{1}{4}$ on N. face.
raise mid. of stone
 $2\frac{1}{2}$ ft-base 2 ft-high

5-4

BOOK 789.

Subdivision of

dno

N. of cov.

Pile impracticable

42.00 Lean mountainous land

74.30 Wash 150 lks side course N.W.

79.91 Cor of secs 9, 10, 15 and 16

Land mountainous & level

Soil 2nd and 3rd rate

No timber.

Mountainous land

42 chs

var 12° 45' E

N. 0° 2' W bet secs 9 and 10

One polling land

40.00 Sit a volcanic rock

15 x 9 x 6 ins 10 ins in the

ground for 1/4 sec. cor.

marked 1/4 on N. face

dig pits 18 x 18 x 12 ins

on line N. and S of cor

3 ft-diet, raise and

T. 13 S. R. 21 E.

chs

of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft
high W. of cor.

Land becomes mountainous

60.30 Wash 60 lbs wide, course W.

61.80 High ridge b/w E. and W.
Descend slope

80.00 In a hollow, set a volcan-
ic rock $12 \times 8 \times 7$ ins 8 ins
in ground for cor sec
3, 4, 9 and 10, marked
5 notches on S. and 3
on E. edges; dig pits
 $18 \times 18 \times 12$ ins in each
sec. $3\frac{1}{2}$ ft dist; raise
mid of earth 4 ft base
2 ft high W. of cor.
Land rolling and
rough.

Soil 2^d rate - no timber

Mountainous land 40 chs

Dec 12

5-6

BOOK 789

Subdivision of

dis

Dec 13

- S 89° 5' 4" E on random
line bet secs 3 and 10
Over ^{rough} rolling country
- 40.00 Set tempⁿ 1/4 sec. cor.
- 79.90 Intersect N. and S line
7 lks N. of cor sec 2, 3, 10 + 11
Thence drum.
N. 89° 3' 1" W. on true line
bet sec 3 and 10
Over mountainous country
along S. slope of high ridge
across ridges + gulches
running N. into main
cañon
- 12.00 Ridge brs S.W.
- 14.20 Wash in canon 15-lks
wide course S.
- 18.70 High ridge brs S.
- 39.95 Set a volcanic rock
20 x 14 x 8 in 14 in in

Y. 13 S. R. 21 E.

chs

the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face.
dig pits $18 \times 18 \times 12$ ins on
line E and W. of cor
3 ft. dist. raise and
of earth $3\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft. high N. of cor
Successions of ridges & gulches sloping ^{S.W.}

79.90

Cor secs 3, 4, 9 and 10
Land mountainous
and rolling
Soil 2^d and 3^d rate
No timber.
Mountainous land

79.90 chs

N. $0^{\circ} 2'$ W. on random
line bet secs 3 and 4

40.50

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

79.87

Intersect N. Bdy of $\frac{1}{4}$

Subdivision of
cls

- 12 lks W. of cor sec
3, 4, 33 and 34
Thence I run
S 0° 3' W on true line
bet sec 3 and 4.
Over mountainous land
- 2.20 Gulch course S.W.
9.00 Divide bet E. and W.
15.45 Ravine, course S.W.
17.75 Ridge bet S.W.
23.15 Gulch course S.W.
26.87 Ridge bet E and W
28.60 Steep bank
36.20 Descend side draw
36.50 Wash 30 lks wide course W.
39.87 Set a volcanic rock
14 x 10 x 8 ins 10 ins in
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face
raise mid of stone

Y. 13 S. R. 21 E.

chs

3 ft-base 2 1/2 ft-high
H. of cov.

- 57.20 Ridge brs E. and W.
 5-2.15 Deep gulch, course W.
 5-5.90 Ridge brs E. and W.
 5-7.95 Gulch, at head course W.
 5-9.80 Divide brs N.E. and S.W.
 68.30 Gulch course E. and W.
 74.60 Ridge brs E and W
 75.30 Gulch course S.W.
 76.80 Ridge brs, S.W.
 79.87 Cov of secs 3, 4, 9th and 10.
 Land mountainous
 Soil 2^d and 3^d rate
 No timber
 Mountainous land.

79.87 chs

From cov secs 4, 5, 32+33
 on South Bdy, I run

- Subdivision of 9.13 S. R. 21 E.
 chs Trav 1245 E
- 40° 2' W. bet sec 32 + 33
 Over mountainous
 land. Descend
3. 00 Gulch 6 ft wide course S. E.
 Ascend steep slope.
15. 40 High divide bet E + W.
30. 07 Low divide bet E. + W.
36. 75 Top of conical hill.
40. 00 Set granite rock 18 x 10 x
 5 ins 12 ins in ground
 for 1/4 sec cor, marked
 1/4 on W. face raise
 end of stone 2 1/2 ft-
 base 2 ft high W. of cor.
^{Too impracticable}
 Descend
49. 69 Wash in cañon 12 lks
 wide course S. W.
58. 93 Wash 15 lks wide course W.
66. 30 Ridge bet E. and W.
71. 80 Wash in cañon 22 lks

Concluded, Book 790.