

"C"
(2)

SUBDIVISIONS
of

T. 29, N., R. 2, W.

by

Carl R. Caudle.

BOOK 1131

1131

BOOK 1131

4-671

FIELD NOTES
GENERAL LAND OFFICE.

No. 1131

Indexed Book 1130

60

Township 29N R. 2W

6	110	5	84	4	68	3	2	1
108		107		83		67		
7	105	8	81	9	65	10	11	12
103		101		80		64		
18	100	17	78	16	62	15	14	13
98		96		77		61		
19	95	20	76	21	59	22	23	24
94		92		74				
30	91	29	73	28		27	26	25
89		88		72				
31	86	32	70	33		34	35	36

No. 1131

S. 89° 54' E.

on a random line bet. secs. 15 & 22,

45.00 Set temp. $\frac{1}{4}$ sec. cor.79.98 Intersect N. 75. line 6 lks. S. of the
cor. of secs. 14, 15, 22 & 23.

Thence run

N. 89° 57' W.

on a true line bet. secs. 15 & 22,

Over Rolling land, covered with
dense chiao undergrowth.

17.00 Low Ridge, bear N. 5° 5' W.

39.99 Set a limestone 16 x 6 x 5 ins., 10 ins.
in the ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on N. ~~172~~ on S. faces; dig pits
18 x 18 x 12 ins. E. & W. of stone 3 ft.
dist.; and raise a mound of earth
3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

45.00 Low Ridge bear N. 75.

79.98 The cor. of secs. 15, 16, 21 & 22.

Subdivision of T. 29 N. R. 2 W.

Land, Rolling.

Soil, sandy, 4th Rate.

No timber.

Land covered with dense undergrowth 7990 acs.

Sept. 27, 1900

Sept. 28; at 8^h a.m. local. I set off $1^{\circ}58'S$ on the decl. arc; $35^{\circ}51'38''$ on the lat. arc, and determine a true meridian with the solar.

Thence I run

N. $0^{\circ}02' W$.

bet. sec. 15 & 16

Over Rolling land covered with dense undergrowth.

5,000

Low Ridge bears N. $85^{\circ} E$.

4000

Set a limestone $18 \times 10 \times 6$ ins.

BOOK 1131

Subdivision of T. 29 N. R. 2 W.

12 ins. in the ground for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{4}$ on W. & 15 on E. face; dig
pits 18 x 18 x 12 ins., N. & S. of stone
3 ft. dist., and raise a mound
of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high
W. of cor.

43.00 Wide drain, course, E.

65.00 Ridge, bears E & W.

80.00 Set a limestone 24 x 8 x 6 ins., 16 ins.
in the ground for cor. of sec. 9, 10, 15,
& 16, marked with 4 notches on S. & 3
notches on E. edges; dig pits 18 x 18 x 12
ins., in each sec., $5\frac{1}{2}$ ft. dist.; and
raise a mound of earth 4 ft. base,
2 ft. high W. of cor.

Land Rolling.

Soil, sandy, & d. Rts.

No timber

Land covered with grass underneath 5000 chs

Subdivision of T. 29 N. R. 2 W.

S. 89057'E.

on a random line bet. secs. 10 & 15

2000 Set temp. $\frac{1}{4}$ sec. cor.80.00 Intersect N. & S. line 2 lbs. S of
the cor. of secs. 10, 11, 14, & 15.

Thence down

N. 89058'W.

on a true line bet. secs. 10 & 15

Over Rocky land covered with
dense buck & chico brush.13.50 Ravine 20 ft. deep, course N.E., ascends
over bare limestone.40.00 Set a limestone 16 x 10 x 6 ins., 11
ins. in the ground for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{2}$ on N & S ends; faces;
dig pits 18 x 8 x 12 ins., E. & W. of
stone 3 ft. dist.; and raise
ground of earth $\frac{3}{4}$ ft. base, $\frac{1}{2}$
ft. high N. of cor.

Subdivision of T. 29 N. R. 2 W.

43.00 Ridge, 150 ft. high bears N.W. 75 E.

80.00 The cor. of secs. 9, 10, 15 & 16.

Land Mountainous & 300th rolling.Soil, stony. 4th Rate.

No timber.

Mountainous or land covered with
dense undergrowth 8000 chs.

N. 0° 02' W.

bet. secs. 9 & 10.

Over Rolling land, covered with
dense chico brush.

15.00 Ridge, bears E & N, about 80 ft. above Sec. cor.

40.00 Set a limestone 15' x 10' x 4' in., 10' in. in
the ground for 1/4 sec. cor., marked
1/4 on W. & 10 on E. face, and a
annular of stone 2 ft. base, 1 1/2 ft.
high W. of cor. Pit impracticable.

41.40 Drain, course N.W.

Subdivision of T. 29 N. R. 2 W.

- 44.50 Ridge 4 ft. high bears $2^{\circ} 40'$
- 54.00 Train, course N.E. 60 ft. below ridge.
- 63.00 Ridge, 50 ft. high, bears N.E. $45^{\circ} W.$
- 77.00 Train, course N.E. foot 80 ft. descent.
- 80.00 Set a limestone $12 \times 8 \times 6$ ins, 8 in.
in the ground for cor. of sec. $3^{\circ} 45'$
 9×10 , marked with 5 notches on S.
and 3 notches on E. edges; and raise
a mound of stone 2 ft. base, $1 \frac{1}{2}$ ft. high.
W. of cor. pits impracticable.
Land, high rolling.
Soil, stony, 4th Rate.
No timber.
Land covered with dense chie's
undergrowth 80,000 cho.
Sept 28; at this cor. set off $2^{\circ} 02 \frac{1}{2}' S.$
on the decl. arc; and at $11^{\text{h}} 50.6^{\text{m}}$ am,
lunt, observe the sun on the meridian;
resulting lat. is $35^{\circ} 53' 20''$.

Subdivision of T29 N. R. 2 W.

S. 89° 58' E.

on a random line bet. sec. 3 & 10.

45.00 Set temp. $\frac{1}{4}$ sec. cor.80.70 Intersect N. 45 line 12 lbs. S. of the
cor. of sec. 2, 3, 10 & 11.

Thence a run

S. 89° 57' W.

on a true line bet. sec. 3 & 10.

Over Rolling land, covered with
dense chics & buck brush.

16.00 Ridge 100 ft. above cor. bear N. 45.

39.60 Trench Limestone ledge 10 ft. high.

40.05 Set a limestone 18 x 7 x 5 ins., 2 ins.
in the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{2}$ on N. & 10 on S. faces; and raised a
mound of stone 2 ft. base $1\frac{1}{2}$ ft. high.
N. of cor. pits impracticable.

41.00 Ravine 100 ft. deep, course N.

43.00 Ridge 50 ft. high bear N. 45.

68

BOOK 1131

Subdivision of T. 29 N. R. 2 W.

57.00 Ravine course, N.E.

50.10 About 100 ft. above Ravine.

The cor. of secs 34, 9 & 10,

Land, Mountainsides,

Soil, stony, etc. R. etc.

No timber

Mountainsides land covered with

dense chie's brush. 50.10 (also.)

N. 0° 02' W.

on a random line bet. secs. 3 & 4,

40.00 Set temp. $\frac{1}{2}$ sec. cor.8.0.03 Intersect N. Sdy. of Twp. 7 lks. E. of
the point for. cor. of secs. 34,

33 & 34, witness cor. 19.63 ch. W.,

which I established Aug. 31st

Thence I run

S. 0° 05' E.

on a true line bet. secs. 3 & 4,

Subdivision of T. 29 N. R. 2 W.

- Over Mountainous land, ascend.
- 9.00 Rim of Cataract Canyon 500 ft. above
point for cor, bears E. & W.
- 12.00 Descend, bears E. & W.
- 17.00 Ravine, 20 ft. deep, course, W.
- 34.00 Ridge, bears N. W. & S. E.
- 40.53 Set a limestone 18x10x5 ins., 12 ins.
in the ground for $\frac{1}{4}$ sec. cor, marked
 $\frac{1}{4}$ on W. & S. on E. faces; dig pits 18x10x
12 ins., N. & S. of stone 3 ft. dist., and
raise a mound of earth $3\frac{1}{2}$ ft. diam,
1 $\frac{1}{2}$ ft. high, W. of cor.
- 48.00 Ridge 60 ft. high, bears E. & W.
- 52.00 Train, course W.
- 75.00 Train, course E.
- 80.53 The cor. of secs. 3, 4, 9 & 10,
Land, mountainous.
Soil, stony, 4000 feet.
No timber

Subdivision of T. 29 N. R. 2 W.

Mountainous land covered with
chico & buck brush 80.03 chs.

Sept. 29, 1900

Sept. 29. at 8 Law, Ont., I set
off $2^{\circ}22' S.$ on the decl. arc, 38⁰⁰49'
on the lat. arc, and determine a
true meridian with the solar
at the standard Cox of sec. 32 & 33
which is a limestone $6 \times 4 \times 12$
ins. above ground firmly set,
marked and witnessed as
described by the surveyor General

Therap & run

$N. 0^{\circ}05' W.$

bet. sec. 32 & 33,

Over rolling land, covered with
dense chico undergrowth.

0.20 Road, bears E. & W.

Subdivision of T. 29 N. R. 2 W.

14.00 Road, bears N.W. & S.E.

40.00 Set a limestone $16 \times 10 \times 4$ ins., 1 cor.,
in the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on W. & 33 on E. faces; dig pits
 $18 \times 18 \times 12$ ins., n. & s. of stone 3 ft. dia.,
and raise a mound of earth $\frac{3}{4}$ ft.
base, $\frac{1}{2}$ ft. high W. of cor.

80.00 Set a limestone $16 \times 10 \times 6$ ins., 11 ins. in
the ground for cor. of sec. 28, 29, 32 &
33, marked with 1 notches S. and 2
notches on E. edges; dig pits $18 \times 18 \times 12$
ins. in each sec., $5\frac{1}{2}$ ft. dia.; and
raise a mound of earth 4 ft. base,
2 ft. high W. of cor.

Land Rolling:

Soil, sandy, 3rd Rate.

No timber.

Land covered with dense undergrowth

80.00 ac.

Subdivision of T 29 N R 2 W.

East

on a random line bet. secs. 28 & 33,

40.00 Set temp $\frac{1}{4}$ sec. cor.80.00 Intersect N. & S. line 9 ths S. of the cor.
of secs. 27, 28, 33 & 34,

Then run

S. $89^{\circ}56'W.$

on a true line bet. sec. 28 & 33

Over Rolling land, covered with

brush & chips undergrowth,

34.40 Road, bear N.W. & S.E.

40.00 Set a limestone $16 \times 12 \times 4$ ins., 10 ins.in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. & S. on S. faces; dig pits 18×18 $\times 12$ ins. E. & W. of stone 3 ft. dist; andraise a mound of earth $3\frac{1}{2}$ ft. base $\frac{1}{2}$

ft. high N. of cor.

80.00 The cor. of secs. 28, 29, 32 & 33.

Land, Rolling.

Soil, sandy, 3rd class.

Subdivision of T. 29 N. R. 2 W. ⁷³

No timber.

Land covered with dense undergrowth, so no chs.

N. 0° 03' W.

Set. sec. 28 & 29.

Over Rolling land covered with dense chis undergrowth.

26.30 Road, bears N. 45° E.

40.00 Set a limestone 16 x 8 x 4 ins., 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. & 28 on E. face; dig pits 18 x 18 x 12 ins., N. & S. of stone 3 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1/2 ft. high. W. of cor.

50.00 Low Ridge, bears E. & N.

80.00 Set a limestone 16 x 14 x 7 ins., 11 ins. in the ground for cor. of sec. 20, 21, 28 & 29, marked with 2 notches on S. and 7

Subdivision of T. 29 N. R. 2 W.

notches on E. edges; dig pits 15 x 15 x 12
ins. in each sec. 5 1/2 ft. dist; and raise
a mound of earth 4 ft. base, 2 ft. high
W. of cor.

Land Rolling

Soil, sandy 3rd Rate.

Prottiebs,

Land covered with dense under-
growth 80,000 lbs.

Sept. 29; at this cor. I set off $2^{\circ}26\frac{1}{2}'S.$
on the decl. arc; and at $11^h 59\frac{1}{2}^m$
A.M., local, observe the sun on the
meridian; the resulting lat. is
 $35^{\circ}50'40''$, which is correct.

N. $89^{\circ}56' E.$

on a random line bet. secs. 21 & 28

40.00 Set trap. 1/4 sec. cor.

80.00 Intersect N. & S. line at the cor.

Subdivision of T. 29 N. R. 2 W.

of secs. 21, 22, 27, 28,

Thence I run

S. 89° 56' W.

on a true line bet. secs. 21 & 28.

Over Rolling land, covered with dense
chico undergrowth.

4000 Set a limestone $14 \times 8 \times 6$ ins., 10 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. & 28 on S. face; dig pits $15 \times 18 \times$
12 ins. E. & W. of stone 3 ft. dist.; and
raise a mound of earth, $3\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft. high, N. of cor.

8000 The cor. of secs. 20, 21, 25 & 29

Land, Rolling,

Soil, sandy, 4 to 6 ft.,

No timber,

Land covered with dense undergrowth
sosocho.

Subdivision of T. 29 N. R. 2 W.

N. 0° 0' 3" W.

bet. sec. 20 & 21

Over Rolling land, covered with
dense chics undergrowth

40.00 Set a limestone $16 \times 10 \times 6$ ins, 11 ins
in the ground for $\frac{1}{2}$ sec. 20, marked
 $\frac{1}{2}$ on W. & 21 on E. faces; dig pits
 $18 \times 18 \times 2$ ins, N. 45° of stone 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft.
base $\frac{1}{2}$ ft. high W. of cor.

80.00 Set a limestone $16 \times 8 \times 6$ ins, 11 ins
in the ground for cor. of sec. 19, 20,
& 21, marked with 3 notches
on S. & 4 notches on E. edges; dig pit
 $18 \times 18 \times 12$ ins, in each sec, $5\frac{1}{2}$ ft.
dist.; and raise a mound of earth
4 ft. base, 2 ft. high W. of cor.

Land, Rolling

Soil, sandy & stony

Subdivision of T. 29 N. R. 2 W.

No timber.

Land covered with dense undergrowth, oaks.

N. 89° 56' E.

on a random line bet. secs. 16 & 21.

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

79.98 Intersect N. & S. line 9 lks. N. of the
cor. of secs. 15, 16, 21 & 22.

Thence run

West

on a true line bet. secs. 16 & 21.

Over rolling land covered with dense thick undergrowth.

39.99 Set a limestone 16 x 9 x 3 ins., 11 ins.
in the ground, for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. & S. on S. faces; dig pits
18 x 18 x 12 ins., E. & W. of stone 3 ft. bet.; and
raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.

78

BOOK 1131

Subdivision of T. 29 N. R. 2 W.

high N. of cor.
64.00 Ridge, bear N. 75.

79.98 The cor. of sec. 16, 17, 20 & 21,
Land, Rolling.

Soil, sandy, 4th Rate
No timber,

Land covered with dense undergrowth
79.98 acs.

Sept. 29, 1900

October 1: At 8^h Am, Quit, I
set off $3^{\circ}08\frac{1}{2}'$ S. on the decl. arc;
 $35^{\circ}51'30''$ on the lat. arc; and determine
a true meridian with the solar

Thence I run
N. $0^{\circ}08'$ W.

bet. sec. 16 & 17

Over Rolling land covered with
dense thick undergrowth

Subdivision of T. 29 N. R. 2 W. 79

36.00 Ridge, bears E. 4 W.

40.00 Set a limestone $15 \times 10 \times 5$ ins., 10 ins.
in the ground for $\frac{1}{4}$ cor. area, marked
 $\frac{1}{4}$ on N. & 16 on E. faces; dig pits
 $18 \times 18 \times 12$ ins., 1. 45, of stone 3 ft. dist.;
and raise a mound of earth $3\frac{1}{2}$ ft.
base, 15 ft. high, W. of cor.

8000 Set a limestone $16 \times 10 \times 4$ ins., 11 ins. in
the ground for cor. of area $8, 9, 16 \times 17$,
marked with 4 notches on S. & E. edges;
dig pits $18 \times 18 \times 12$ ins., in each cor., $5\frac{1}{2}$
ft. dist.; and raise a mound of earth
4 ft. base, 2 ft. high W. of cor.

Land, Rolling

Soil, sandy & stony + the Rate.

No timber

Land covered with dense
undergrowth 8000 chs.

Subdivision of T. 29. N. R. 2 W.

East

on a random line bet. secs. 9 & 16

40.00 Set temp. $\frac{1}{4}$ sec. cor.80.00 Intersect N. 45. line at the cor. of
secs. 9, 10, 15 & 16.

Thence I run

West

on a true line bet. secs. 9 & 16

Over Rolling land, covered with
dense chinquapin growth.

25.00 Train, course N.

40.00 Set a limestone 18 x 8 x 4 ins., 12 ins.

in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. & E. on S. faces; dig pits

18 x 18 x 12 ins., E. & W. of stone 3 ft.

dist.; and raise a mound of earth

3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.

51.00 Ridge, bears N. 45.

62.00 Train, course N.

Subdivision of T. 29 N. R. 2 W.

74.00 Ridge, bears N.W.S.

80.00 The cor. of sec. 8, 9, 16 & 17.

Land, Rolling.

Soil, sandy & stony, 4th Rate.

No timber.

Land covered with dense chieo
undergrowth & rocks.

N. 0° 03' W.

bet. sec. 8 & 9,

Over Rolling land covered with
dense chieo undergrowth
Descend gradually from cor.

34.00 Ravine, course N. 50° E, fort 100 ft. ascend.

38.00 Ridge 40 ft. high, bears E. & N.

40.00 Set a limestone 14x10x6 ins., 10 ins. in
the ground for 1/4 sec. cor., marked
1/4 on W. & 3 on E. face; dig pits 18x18x
12 ins., N. & S. of stone 3 ft. dist. and

Subdivision of T. 29 N. R. 2 W.

- raise a mound of earth 3½ ft. base
1½ ft. high W. of cor.
- 43.00 Spur, bears E. & W. Second,
- 50.00 Same Route, course W. foot 10 ft. ascend
- 74.00 Ridge 200 ft. high bears E & W.
- 80.00 Set a limestone 18x10x5 ins, 12
ins. in the ground for cor. of sec.
4, 5, 8 & 9, marked with 5 notches
on S. and 4 notches on E. edge; and
raise a mound of stone 2 ft. base,
1½ ft. high W. of cor. Pits impractical.
- Land Rolling and Mountain-
ous. 46.00 chs.
- Soil, sandy & stony, 4 chs.
- No timber,
- Mountainous or land covered with
dense undergrowth 50.00 chs.
- Oct. 1st; at this cor. I set off 3° 35'
on the decl. arc; and at 11 h 49.7 m

Subdivision of T. 29 N. R. 2 W.

Am., Inst., observe the sun on the
meridian; the resulting lat. is
35° 53' 20" which is nearly correct.

East

on a random line bet. sec. 4 & 9.

4000 Set temp. $\frac{1}{4}$ sec. cor.

79.98 Intersect N. & S. line of the S. of the cor.
of sec. 3, 4, 9 & 10.

Thence I run

S. 89° 57' W.

on a true line bet. sec. 4 & 9.

Over Mountain land, covered with
dense chis undergrowth,

5.00 Small drain, course S.E.

38.00 Ridge bear. N. & S. 100 ft. above drain.

39.99 Set a limestone 12x10x8 ins., 8 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on N. & S. on S. face; and raise a mound

84

BOOK 1131

Subdivision of T. 29 N. R. 2 W.

stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.

Pits impracticable.

40.75 Ravine 60 ft. deep, course S.

47.80 Drain, course S. ascend.

68.00 Ridge 100 ft. high bears N.W. 85° .

79.98 The cor. of secs. 4, 5, 8, & 9, about 80 ft. below ridge.

Land, Mountainous.

Soil, stony, 4th Rate

No timber.

Mountainous land covered with dense undergrowth 79.98 chs.

N. 0° 03' W.

on a random line bet. sec. 4 & 5

40.00 Sit temp. 4 sec. cor.

70.00 To head of precipice in canyon.

offset East 4.50 chs. hence on offset line

N. 5° 53' W. 79.98 chs. counting from sec. cor.

Subdivision of T. 29 N. R. 2 W.

Intersect N. bdy. of Tp. 6 lbs. W. of the
 witness Cor. to cor. of sec. 4, 5, 32 & 33,
 true point for cor. 4, 50 chs. W.

Thence I run
 South
 S. 0° 00' E.

on a true line, on offset line
 Over mountainous land, covered
 with buck & chic's brush.
 10,000 chs. offset

West 4,500 chs. to the true line at
 10,00 Head of Canyon precipice 400ft high
 Course NW.

15,00 Descend steep rocky slope bears E. & W.

23,00 Spur 200ft. high bears E. & W.

30,00 Canyon, 200ft. deep, course N. 30° E. to N.

37,50 Top ascent of 200ft. bears N. 60° E. & S. W.

39,96 Set a limestone 18x10x4 ins., 12 ins.
 in the ground for 1/4 sec. cor., marked
 1/4 on W. & 1/4 on E. faces; and raise

Subdivision of T. 29 N. R. 2 W.

- a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits unpracticed
- 49.00 Ravine, course W.
- 53.00 Ridge 125 ft. high, bears E. 70 W.
- 63.00 Second, bears E. 70 W.
- 68.00 Ravine 100 ft. deep, course W.
- 79.96 The cor. of secs. 4, 5, 8, & 9.
Land, mountainous.
Soil, stony, 1/4 to 1/2 Acre.
No timber.
Mountainous land covered with
dense brush 79.96 ch.

Oct. 1st, 1900.

Oct. 2; at 8^h a.m., hnt., I set off
30° 31' S. on the decl. arc; 35049 on the
lat. arc; and determine a true
meridian with the solar at its
standard cor. of secs. 31 & 32,

Subdivision of T. 29 N. R. 2 W.

which is a limestone 12x6x10 ins.,
above ground, firmly set, marked
and witnessed as described by
the Surveyor General.

Thence I run

N. 0° 0.3' W.

bet. secs. 31 & 32,

Over Rolling land covered with
dense chick undergrowth

4000 Set a limestone 18x10x4 ins., 12 ins.
in the ground for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{4}$ on W. & 32 on E. face;

dig pits 18x18x12 ins., N. & S. of stone
3 ft. dist.; and raise a mound
of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

7000 Ridge, bears N.E. & S.W.

8000 Set a limestone 16x10x6 ins., 11 ins. in
the ground for cor. of secs 29, 30, 31, & 32
marked with notch on S. & 5 notches on

Subdivision of T 29 N. R. 2 W.

E. edges; dig pits 18x18x12 ins, in
each sec, 5 1/2 ft. dist.; and raise
a mound of earth 4 ft. base, 2 ft. high
W. of cor.

Land, Rolling,

Soil, sandy, 3rd Rate

No timber

Land covered with dense
undergrowth 5000 cts.

East

on a random line bet. secs. 29 & 32

4000 Set corner, 1/4 sec. cor.

79.98 Shortened N. & S. line at the cor. of

secs. 28, 29, 32 & 33.

Thence I run

West

the true line bet. secs. 29 & 32,

Over rolling land, covered with

Subdivision of T. 29 N. R. 2 W.

- dense chie undergrowth.
- 39.99 Set a limestone 12 x 7 x 6 ins., 8 ins. in
the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. & 32 on S. faces; dig pit 18 x 18
12 ins. E. & W. of stone 3 ft. dist.; and
raise a mound of earth $8\frac{1}{2}$ ft. base,
 $1\frac{1}{2}$ ft. high, N. of cor.
- 70.00 Low Ridge, bears N. 75.
- 79.98 The cor. of sec. 29, 30, 31, & 32,
Land, Rolling.
Soil, sandy, 3rd Rate
No timber.
Land covered with dense under-
growth 79.98 chs.
-
- West
on a random line between 30 & 31.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.77 Intersect W. bdy. of T. p. 7 lks. N. of the cor.

Subdivision of T. 29 N. R. 2 W

of sec. 25, 30, 31, & 36, which is
established Aug. 29, 1900.

Thence I run
N. 89° 57' E.

one true line bet. sec. 30 & 31.

Over Rolling land covered with dense
chick sedge growth.

30.00 Ridge, bears N. 85.

39.77 Set a limestone 15 x 15 x 5 ins., 18 ins. in
etc ground for 1/4 sec. cor marked
1/2 on N. & S. on 8 faces; dig pits
18 x 18 x 12 ins., E & W. of stone 3 ft. dist.;
and raise a mound of earth 3 1/2 ft.
base, 1 1/2 ft. high N. of cor.

50.00 Ridge, bears N. 85.

79.77 The cor. of sec. 29, 30, 31, & 32.

Land, Rolling.

Soil, sandy, 4th Rate.

No timber.

Subdivision of T 29 N. R. 2 W.

Land covered with dense
undergrowth 29.77 chs.

N. 0° 03' W.

bet. sec. 29 & 30.

Over Rolling land covered with
dense chico undergrowth.

28.00 Wide flat bottom, course S.E.

36.80 Road bears N.W. & S.E.

40.00 Set a limestone 15 x 12 x 12 ins., 10 ins.
in the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. & 29 on E. face; dig pits
18 x 18 x 12 ins., N. & S. of stone 3 ft. dist.;
and raise a mound of earth 2 $\frac{1}{2}$ ft. diam,
1 $\frac{1}{2}$ ft. high W. of cor.

42.00 Leave bottom and ascend gradually
bear N.E. & S.W.

53.00 Top arc of 40 ft. bears N.W. & S.E.

80.00 Set a limestone 16 x 14 x 7 ins., 12 ins. in

Subdivision of T. 29 N. R. 2 W.

the ground for cor. of sec. 19, 20, 29 & 30,
marked with 2 molches on S. & 5 molches
on E. edges; dig pits 18x18x12 ins. in
each sec., 5 1/2 ft. dist.; and raise
a mound of earth 4 ft. base, 2 ft.
high, W. of cor.

Land Rolling.

Soil, sandy & ^{the} Rate.

No timber.

Land covered with dense chies
undergrowth 8,000 ches

Oct. 2nd: at this cor. I set off $3^{\circ}36\frac{1}{2}'S$
on the decl. arc; and at 11^h 29, 4^m
A. M., but, above the sun on the
meridian; the resulting lat. is
 $35^{\circ}50'40''$ which is correct.

East,

on a random line bet. secs. 20 & 29

No. 1131 BCOK 1131 93
Subdivision of T. 29 N. R. 2 W.

40.00 Set temp. 4 sec. cor.

80.00 Intersect N. & S. line 4 lks. S. of
the cor. of secs. 20, 21, 28 & 29.

Thence I run
S. 89° 58' W.

on a true line bet. secs. 20 & 29

Over Rolling land covered with
dense chieced undergrowth.

40.00 Set a limestone 15 x 8 x 6 ins., 10 ins.
in the ground for 1/4 sec. cor., marked
1/4 on NW 29 on S. face; dig pits 8 x 8 x 12
ins., E. & W. of stone 2 ft. base, 1/2 ft.
high N. of cor.

50.00 Road, bears NW. & S.E.

80.00 The cor. of secs. 19, 20, 29 & 30.
Land, Rolling,
Soil, sandy, 4th rate
No timber.

Recovered with dense brush 80.00 chs.

Subdivision of T. 29 N. R. 2 W.

S. 89° 57' W.

on a random line bet, secs. 19 & 30,

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

79.61 Intersect W. bdy. of Twp. 14 E. N. of the cor. of sec. 19, 24, 25 & 30 which I established Aug. 29, 1900

Thence I run

N. 89° 51' E.

on a true line bet, secs. 19 & 30,

Over Rolling land, covered with dense chics undergrowth.

39.61 Set a limestone 18 X 9 X 6 ins, 12 ins. in the ground for $\frac{1}{4}$ sec. cor, marked $\frac{1}{2}$ on N. & 30 on S. face; dig pits 18 X 18 X 2 ins, E. & W. of stone 3 ft. dist; and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

59.00 Flat Draw, course N. to NW.

68.00 Same Draw, course S.W.

Subdivision of T 29 N. R. 2W.

- 74.00 Low Ridge, bear N. 75.
- 79.61 The cor. of sec. 19, 20, 29 & 30,
Land, Rolling.
Soil, sandy & stony. 4th Rate.
No timber.
Land covered with dense under-
growth 79,61 chs.
-
- N. 0° 03' W.
bet. sec. 19 & 20,
Over Rolling land, covered with
dense chics undergrowth.
- 25.00 Road, bears N. 75. & S. E.
- 4000 Set a limestone 20x10x8 ins, 15 ins.
in the ground for 1/4 sec. cor., marked
1/4 on W. & 20 on E. faces; dig pits 8x18x
12 ins, N. & S. of stone 3 ft. dist.; and raise
a mound of earth 3 1/2 ft. base, 1 1/2 ft. high
W. of cor.

Subdivision of T. 29 N. R. 2 W.

44.00 Enter mountainous land, rough
broken ground sloping W.

44.60 Drain, course W.

69.00 Drain, course W.

80.00 Exc. a limestone 16 x 10 x 5 ins., 11 ins.
in the ground for cor. of secs. 17, 18,
19 & 20, marked with 3 m. stones on
S. & 3 m. stones on E. edges, and raise
a mound of stone 2 ft. base, 1 1/2 ft. high
W. of cor. Pit impracticable.

Land, Mountainous 36,000 chs. &
Rolling.

Soil, stony. & Rate.

No timber.

Land covered with dense chics
undergrowth 80000 chs.

N. 89° 58' E.

on a random line bet. secs. 17 & 20.

Subdivision of T. 29 N. R. 2 W.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. & S. line 12 Sec. N.
of the cor. of secs. 16, 17, 20 & 21.
Thence S. run.
N. $89^{\circ} 57' W.$
on a true line between 17 & 20.
Overrolling land covered with
dense chico undergrowth.
- 10.00 Ascend. bears N.E. & S.W.
- 36.00 Ridge 40 ft. high bears N. & S.
- 41.00 Set a limestone 16 x 7 x 6 ins., 11 ins.
in the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. & 20 on S. faces; dig pits 18 x 18
x 2 ins., E. & W. of stone 3 ft. dist.; and
raise a mound of earth $3\frac{1}{2}$ ft. base,
1 $\frac{1}{2}$ ft. high, N. of cor.
- 57.00 Drain 4 chas. wide, course N.
- 70.00 Small Drain, course N. & S.
- 77.00 Drain, course S. & E.
- 80.00 The cor. of secs. 17, 18, 19 & 20.

Subdivision of T. 29 N. R. 2 W.

Land, Rolling.

Soil, sandy & stony.

No timber.

Land Covered with dense under-
growth. 80.00 chs.

Oct. 2, 1900.

Oct. 3; at 8h am, ^{ant.} set
off $3^{\circ}55'$ S. on the decl. arc; $35^{\circ}55'$ $130''$
on the lat. arc; and determine a
true meridian with the solar.

Thence I run

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

on a random line bet. secs. 18 & 19,

48.00 Set temp. 1/4 sec. cor.

79.51 Intersect W. bdy. of the T_p. 9 lks.
N. of the cor. of secs. 13, 18, 19 & 24,
which I established Aug. 29, 1900.

Thence I run

Subdivision of T. 29 N. R. 2 W.

N. 89° 47' E.

on a true line bet. sec. 18 & 19,

Over Rolling land covered with
dense chie~~s~~ undergrowth.

39.51 Set a limestone 16 x 10 x 4 ins., 11 ins.,
in the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. 12 on S. faces; dig pits
18 x 18 x 12 ins. E. & W. of stone aft. dig;
and raise a mound of earth $3\frac{1}{2}$ ft.
base, 1 $\frac{1}{2}$ ft. high N. of cor.

54.00 Low Ridge, bears N. 45°

59.00 Drain, course N. 30° E.

78.00 Flat Drain, course N. E.

79.00 Ascend, bears N. 75°

79.51 The cor. of sec. 17, 18, 19, & 20.

Land Rolling.

Soil sandy, 2nd Rate

No timber.

Land covered with dense undergrowth

79.51 sho.

Subdivision of T. 29 N. R. 2 W.

N. 0083' W.

bet. sec. 17 + 18.

Over Rolling land, covered with
dense chie undergrowth.2.00 Edge of wide drain, course from
S.W. to S.E.

8.00 Leave drain and ascend rocky slope.

19.50 Ridge 100 ft. high bears N.W. + S.E.

30.00 Ravine, 100 ft. below ridge, course S. 60° E.

40.00 Set a limestone 16 x 8 x 6 ins., 11 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on W. + 17 on E. faces; dig pits
18 x 18 x 12 ins., N. + S. of stone 3 ft.dist.; and raise a mound of earth
3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.

50.00 Ridge 125 ft. high, bears E. + W.

79.60 Second limestone ledge 6 ft. high
bears N.W. + S.E.

80.00 Set a limestone 20 x 9 x 6 ins., 15 ins.

Subdivision of T. 29 N. R. 2 W.

in the ground for cor. of sec.
7, 8, 17, & 18, marked with 4
notches on N. & 5 notches on S. edges;
and raise a mound of stone 2 ft.
base, $1\frac{1}{2}$ ft. high, W. of cor. Pits
impracticable.

This cor. is in S. edge of wide
ravine, & 125 ft. below last ridge.
Land, Mountainous.

Soil, sandy & stony, & bluffs.
No timber.

Land covered with dense chie
undergrowth 8000 ch.

S. 89° 57' E.

on a random line bet. sec. 8 & 17

4000 Set Temp. $\frac{1}{4}$ sec. cor.

8000 Intersect N. 45, line 4 E. S. of the
cor. of sec. 8, 9, 16 & 17

Subdivision of T. 29 N. R. 2 W.

Thence I run

N. 89° 59' W.

on a true line bet. sec. 8 & 17,

Overrolling land covered with
dense chie's undergrowth.

27.00 Ridge, bears N.W. & S.E.

40.00 Set a limestone 15 x 10 x 4 ins.,
10 ins. in the ground for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. & T. on S. face;
dig pits 18 x 18 x 12 ins., E & W. of stone
3 ft. dist.; and raise a mound
of earth 3½ ft. base, 1½ ft. high
N. of cor.

51.00 Descend over rough stony land
bears N.W. & S.E.

57.00 Wide Ravine at foot descent of 100 ft.
course from S. 30° E. to N. 70° W.

80.00 The cor. of sec. 7, 8, 17, & 18,
Land, Rolling & mountainous.

Subdivision of T. 29 N. R. 2 W.

Soil, stony $\frac{1}{2}$ Rate.

No timber.

Mountaneous or land covered with
dense chips under growth 80,000 lbs.

Oct. 3rd; at this cor. I set off $357\frac{1}{2}$ S.
on the decl. arc; and at 11^h 49^m
A.M., just, observe the sun on
the meridian; the resulting
lat. is $35^{\circ}52'20''$ which is correct.

S. $89^{\circ}47'W.$

on a random line bet. sec. 7 & 18,

4000 Set temp. $\frac{1}{4}$ sec. cor.

79.38 Intersect W. bdy. of T. 4 lbs. S. of the
cor. of sec. 7, 12, 13 & 18, which I
established Aug. 29, 1900

Thence I run

N. $89^{\circ}49'E.$ -

on a true line bet. sec. 7 & 18.

Subdivision of T. 29 N. R. 2 W.

- Over Rolling land, covered with
dense chic undergrowth.
- 32.50 Train, course S. E.
- 39.38 Set a limestone 16x10x5 ins., 11 ins. in
the ground for $\frac{1}{4}$ sec. cor, marked
 $\frac{1}{4}$ on N. & 18 on S. faces; dig pits
18x18x12 ins., E & W, of stone 3 ft.
dist.; and raise a mound of
earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high. N. of
cor
- 41.50 Ridge 100 ft. high bears N. W. & S. E.
- 43.80 Train, course S. 60° E.
- 75.00 Ravine 100 ft. below Ridge, course N.
- 79.00 Descend Limestone ledge 6 ft. high
bears N. W. & S. E.
- 79.38 The Cor. of secs. 7, 8, 17, & 18.
Land, Rolling & mountainous.
Soil, stony, 4th Rate.
No timber

Subdivision of T. 29 N. R. 2 W.

Mountainous land or land covered
with dense undergrowth 79.38 chs.

N. 0° 03' W.

bet. sec. 7 & 8.

Over bottom of Ravine, covered
with dense thick undergrowth

- 2.60 Leave Ravine, course N. 75° W.
- 14.00 Same Ravine, 2,000 chs. wide, course N.E.
- 28.00 Ridge 100 ft. high bears E. & W.
- 36.00 Descend, bears E. & W.
- 40.00 Set a limestone 24 x 10 x 4 ins., 18
ins. in the ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. & 8 on E. face; dig
pit 18 x 18 x 12 ins., N. & S. of stone 3 ft.
dist.; and raise a mound of earth
 $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 50.00 Same Ravine, 100 ft. below Ridge,
course W.

Subdivision of T. 29 N. R. 2 W.

- 56.50 Same Ravine, course N₆₀ 300 ch. wide.
- 59.50 Ascend, steep slope bear. E & N.
- 63.00 Ridge bears E & N, 100 ft. above ravine.
- 66.25 Drain, course S. E.; ascend gradually
- over rough stony lands, course S. E.
- 80.00 Set a limestone 12 x 8 x 7 ins, 8
ins. in the ground for cor. of sec.
5, 6, 7, & 8, marked with 5 notches
on S. & E. edges; and raise a mound
of stone 2 ft. base, 1 1/2 ft. high W. of cor.
Pits impracticable.
- Land, Mountainous,
Soil, stony with rocks.
No timber.
- Mountainous land covered with
dense brush 80.00 chs.

Oct. 3, 1900.

Subdivision of T. 29 N. R. 2 W.

Oct. 4; at 8 hours, but, I set off $40^{\circ}18'$
 S. on the decl. arc; $35^{\circ}53'20''$ on
 the lat. arc; and determine a
 true meridian with the solar

Thence I run

S. $89^{\circ}59'E$.

on a random line bet. sec. 578.

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

80.16 Intersect N. 45. line 9 lks. S. of
 the cor. of sec. 4, 5, 8, 47.

Thence I run

S. $89^{\circ}57'W$.

on a true line bet. sec. 578.

Over mountainous land, covered
 with dense brush & thick brush

7.00 Ridge, 60 ft. above cor. bears N. 45.

28.00 Same large Ravine 2.50 chs. wide,
 course N.W. Foot 200 ft. descent.
 ascend.

Subdivision of T. 29 N. R. 2 W.

40.08 Set a limestone 16 x 14 x 4 ins. 11 ins.
in the ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on N. & 8 on S. face; and raise a
mound of stone 2 ft. base, $1\frac{1}{2}$ ft.
high N. of cor. Pits impracticable.

49.00 Ridge 200 ft. above Ravine bears N. 45

55.00 Foot of Ridge, thence gradually
ascend over slope to S.

80.16 The cor. of sec. 5, 6, 7 & 8.

Land, mountainous.

Soil, stony 4th Rate.

No timber.

Mountainous land covered with
dense undergrowth 80.16 ch.

S. 89° 49' W.

on a random line bet. sec. 6 & 7.

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

79.40 Intersect W. bdy. of T. 25 l. to S.

Subdivision of T. 29 N. R. 2 W.

of the cor. of secs 1, 6, 7, & 12, which
I established Aug. 29, 1900.

Thence I run

East

on a true line bet. secs. 6 & 7.

Over mountainous land
covered with dense chieo
undergrowth,

- 4.00 Ravine, 30ft. deep, course S.E.
- 12.50 Ravine, 30ft. deep, course S.E.
- 28.80 Ravine, course S 70ft. deep, 300 lbs.
wide.
- 32.00 Descend, bears N. 45.
- 35.00 Foot descent of 60ft, bears N. 45.
Thence over rough slope to S.
- 39.40 Set a limestone 16x10x5 ins., 11 ins.
in the ground for 4 seasons, marked
 $\frac{1}{2}$ on N. & 7 on S. face; and raise a
mound of stone 2ft. base, 1 $\frac{1}{2}$ ft.

Subdivision of T. 29 N. R. 2 W.

- high N. of cor. Pts impracticable.
- 59.10 Ravine 150 ft. deep. course S.
- 68.80 Ridge 100 ft. high bears N. 75.
- 79.40 The cor. of secs 5, 6, 7, & 8.

Land, Mountainous.

Soil, sandy & stony, 4th Rate
No timber.

Mountainous land covered
with dense thicket & buck brush
undergrowth 79.40 ch.

Oct. 4; At this cor. set off $4^{\circ} 23'$
on the decl. arc; and at $11^{\text{h}} 48.7^{\text{m}}$
A.M., last, observe the sun on
the meridian; the resulting
lat. is $35^{\circ} 53' 20''$.

N. $0^{\circ} 03' W$

on a random line bet. sec. 5 & 6.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

Subdivision of T. 29 N. R. 2 W.

7996 Intersect N. bdy of T. 7 E. W.
of the cor. of sec. 36, 31 & 32
which I established Aug. 30, 1900
Thence I run

South

on a true line bet sec. 5 & 6

Over mountainous land,
covered with dense chins & buck brush.
ascend from cor.

25.00 Ridge 100 ft. above cor. bears E. & W.

32.00 Descend, bears E. & W.

36.00 Ravine, 80 ft. deep course E.

39.96 Set a limestone 15 X 10 X 4 ins., 10
ins. in the ground for $\frac{1}{4}$ an. cor.
marked $\frac{1}{4}$ on N. & 5 on S. face; dig
pits 18 X 18 X 12 ins., N. & S. of stone 3 ft. dist.,
and raise a mound of earth $3\frac{1}{2}$ ft.
base, $1\frac{1}{2}$ ft. high W. of cor.

62.25 Ravine 30 ft. deep, course E. ascend

Subdivision of T. 29 N. R. 2 W.

74.00 Ridge 75 ft. high, bears E. & W.

79.96 The cor. of sec. 5, 6, 7, & 8.

Land, Mountainous.

Soil, stony, 4th Rate.

No timber.

Mountainous land covered
with dense undergrowth 79.96 chs.

I return to the meridian established
at the S.W. cor. of the T. Aug. 28, 1900

from Polaris; at 4^h 35^m p.m., C.M.T.
set off 4° 25' S. on the decl. arc and

test the adjustments of my solar
finding it gives the same
meridian as before, and
adjustments correct.

at 4^h 40^m P.M. Oct. 4, 1900.

Subdivision of T. 29 N. R. 2 W.

General Description.

The land in this township is very rough, broken, and mountainous in the eastern & northern parts, rolling and hilly in the central and western parts. Cataract Canyon runs through the eastern part of the township and is about 400 ft. deep at the point where it enters, and nearly 1500 ft. deep at the point where it leaves the township. In sec. 24, about 15.00 chs. N. of the $\frac{1}{4}$ sec. cor., bet. secs. 24 & 25, the canyon becomes impassable, having walls on both sides that rise perpendicular to a height level with the surrounding country. The canyon is about 2500 chs. wide across the top, and not more than

Subdivision of T. 29 N. R. 2 W.

2.00 chs. to 5.00 chs. wide at the bottom.

The many ravines leading to
Cataract Canyon form gorges
several hundred feet deep for
some distance before reaching it.

The formation is limestone the
entire depth of the Canyon, which
underlies the whole township
with outcropping ledges in
many places.

There is a little scattering scrubby
cedar in the Southeastern part
of the township.

The soil is sandy, gravelly and stony
and practically worthless.

There is practically no grass in
the township, owing to the
continued lack of rain.

The whole township is covered with

Subdivision of T. 29 N. R. 2 W.

a dense growth of Chico brush,
an arid leafless shrub, two to
four feet high, which proved
to be a very serious hindrance
in chaining.

The entire township is drained
into Cataract Canyon.

There is no water in the township
at any season of the year.

There is some traces of platinum
along Cataract Canyon.

Carl R. Gaudin.

U. S. Deputy Surveyor.

For Final Oaths.
see Book "E."

117

BOOK 1131

A P P R O V A L .

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Tucson, Arizona.
Dec. 31st 1900

The foregoing field notes of the survey of Tr. 29 N. R. 2 W.

executed by Carl R Gaudle
under his contract No. 70, dated June 13
_____, 1900, having been critically
examined, and the necessary corrections
and explanations made, the said field
notes, and the surveys they describe,
are hereby approved.

George Christ
U.S. Surveyor General for Arizona.