"B" (1).

SUBDIVISIONS.
of
T. 29. N., R. 1, W.
by.
Carl R. Caudle,

BOOK 1128

4–671

BOOK 1128

FIELD NOTES
GENERAL LAND OFFICE.

No. 1128

No. 1128

Field Notes
of the survey of the

Subdivisional Lines
of
T. 29 N., R. 1 W.
of the
Gila and Salt River Base and Meridian
in the
Territory of Arizona
as surveyed by
Carl R. Candle,
U. S. Depy. Surv.
Under his Contract No. 70.
dated June 10th 1900.

Survey commenced Sept. 7th 1900.
Survey completed Sept. 20th 1900.

BOOK 1128

Names of Assis Lands.
Marion Candle - chairman.
J. M. Meredith - chairman.
Fred A. Byer - meandman.
W. C. Whittington - meandman.
Henry Norman - flagman.

(4—674.)

Township 29 N. R. 1 W.
BOOK 1128
BOOK 1129

6	108	5	81	4	63	3	44	2	25	1	
107		106		80		61		43		24	
7	104	8	78	9	60	10	41	11	22	12	
102		101		77		58		40		23	
18	99	17	75	16	56	15	38	14	18	13	
97		96		73		55		37		17	
19	94	20	72	21	53	22	35	23	16	24	
92		91		70		51		33		14	
30	89	29	68	28	50	27	31	26	12	25	
87		86		67		48		30		11	
31	83	32	64	33	46	34	28	35	9	36	

2A

BOOK 1128

Preliminary Oaths of Assistants.

We, Marvin Caudle

and J. M. Meredith

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 Tps. 29 N. Rs. 1, 2, 3, E. & 4 W.

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

Marvin Caudle ..... *Chainman.*

J. M. Meredith ..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

Subscribed and sworn before me, this 22nd

day of August 189 1900

Carl R. Caudle

~~Notary Public.~~

[SEAL.] U. S. Deputy Surveyor

We, Fred A. Byer, W. C. Whittington, & Henry Norman do solemnly swear that we will well and truly perform the duties of Surveyor & Flagman 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 Tps. 29 N. Rs. 1, 2, 3 E & 4 W. of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Fred A. Byer
W. C. Whittington
Henry Norman

Subscribed and sworn to before me this 22nd day of August 189 1900

Carl R. Gaudle
~~Notary Public.~~
U. S. Deputy Surveyor

Subdivision of T. 29 N. R. 1 W.

of the cor.
At 8h 19m p. m., l. m. t., I observed Polaris at eastern elongation in accordance with the manual of instructions, and mark a point in the line thus determined by a tack on a plug set firmly in the ground 500 lks. N. of my station.

Sept. 7, 1900.

Sept. 8th, at 7h 30m a.m., I lay off the azimuth of Polaris 1° 30.7' to the west and mark a point thereof by a tack on the plug already set, which coincides with the point set by the solar observations.

At 7h 52m a.m., l. m. t., I set off

Subdivision of T. 29 N. R. 1 W.

5° 44½' N. on the decl. arc; 35° 49' on the lat. arc, and the true meridian thus determined coincides with the meridian established by the Polaris observations.

The solar apparatus by p.m. and a.m. observations defines positions for true meridians respectively coinciding with the meridian established by the Polaris observations; therefore I conclude that the adjustments of the instrument are correct.

The magnetic bearing of the true meridian is N. 14° 31' W.; the angle thus determined, reduced by the table page 100 of the manual gives the mean mag. decl. 14° 28' E.

Subdivision of T. 29 N. R. 14 W.

From the Tp. cor. already described, I run

North,

on the Principal Meridian and E. bdy. of sec. 36; and at 40.08 chs., intersect the ¼ sec. cor.; and at 80.16 chs. intersect the cor. of secs. 25, 30, 31, & 36; therefore the line bears N.

From the Tp. cor. I run

West

on the 7th " Standard Parallel N. and S. bdy. of sec. 36; at 40.08 chs. intersect the ¼ sec. cor.; and at 80.08 chs. intersect the Standard cor. of Secs. 35 & 36. Therefore the line bears West.

The bearings are as stated by the Surveyor General.

Subdivision of T. 29 N. R. 1 W.

Commence at the Standard Cor. of secs. 35 & 36, which is a limestone 10 x 5 x 12 ins., above ground firmly set marked and witnessed as described by the Surveyor General.

Thence S. run

N. 0° 01' W.

Det. secs. 35 & 36.

Over Rolling land through dense chico undergrowth.

10.00 Draw, course N.E.

25.00 Low Ridge, bears E. & W.

40.00 Set a limestone 15 x 10 x 5 ins., 10 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. & 36 on E. faces; dig pits 18 x 18 x 12 ins., N. & S. of stone 3 ft. dist.; and raise a mound of earth 3½ ft. base 1½ ft.

Subdivision of T. 29 N. R. 1 W.

high W. of cor.

66.10 Water Road from Anita Junction to Survey Camp 5, bears E. & W.

70.00 Enter Nte. land covered with scattering scrubby cedars, ascend bears E. & W.

80.00 Set a limestone 14 x 8 x 6 ins. 9 ins. in the ground for cor. of secs. 25, 26, 35 & 36, marked with 1 notch on S. & E. edges, and raise a mound of stone 2 ft. base 1½ ft. high W. of cor. Pit impracticable. Land, Rolling & mountainous 10.00 chs. Soil, gravelly & stony 4th Rate Timber a few scattering scrubby cedars. Land covered with dense undergrowth 8.00 chs.

Subdivision of T. 29 N. R. 1 W.

East

on a random line bet. secs. 25 & 36.

4.00 Set temp. ¼ sec. cor.

80.10 Intersect the Principal Meridian E. of E. bdy of the Tp. 12 lks. S. of the cor. of secs. 25, 30, 31 & 36, which is a limestone 10 x 6 x 12 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence I run

S. 89° 55' W.

on a true line bet. secs. 25 & 36.

Over level land covered with dense chico undergrowth.

4.05 Set a limestone 16 x 8 x 5 ins. 10 ins. in the ground for ¼ sec. cor. marked 1/41 on N. & 36. on S. faces;

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Subdivision of T. 29 N. R. 1 W.

dig pits 18 x 18 x 12 ins. E. 7 ns. of stone 3 ft. dist.; and raise a mound of earth 3½ ft. base 1½ ft. high. N. of cor.

50.00 Ascend over Nots. Land covered with scattering scrubby cedars. bear N.E. & S.W.

80.10 The cor. of secs. 25, 26, 35 & 36. Land, nearly level & Nots. 30.00 chs. Soil sandy & stony 3rd & 4th Rds. Timber, a few scattering cedars. Land covered with dense undergrowth, 80.10 chs.

N. 0° 01' W.

bet. secs. 25 & 26.

Over mountainous land covered with dense chico brush and scattering cedars. Ascend from cor.

Subdivision of T. 29 N. R. 1 W.

15.00 Ridge 50 ft. high bears N.E. & S.W. Descend gradually.

35.00 Leave scattering cedars.

40.00 Set a limestone 14 x 12 x 10 ins., 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. & 25 on E. faces; dig pits 18 x 18 x 12 ins., N. & S. of stone 2 ft. dist.; and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.

50.00 Edge of level bottom, course N.E.

72.00 Leave level bottom, course N.E.

80.00 Set a limestone 15 x 12 x 6 ins., 10 ins. in the ground for cor. of secs. 23, 24, 25 & 26, marked with 2 notches on S. and 1 notch on E. edges; and raise a mound of stone 2 ft. base 1 1/2 ft. high, W. of cor. Pits impracticable.

Land, Rolling & Level.

Soil, sandy, 2nd & 3rd Rate.

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Subdivision of T. 29 N. R. 1 W.

No timber, except a few scattering cedars.

Land covered with dense under growth, 80.00 chs.

Sept. 8: at this cor. I set off 5° 40' N. on the decl. arc; and at 11h 57.5m A.m., l.m.t., observed the sun on the meridian; the resulting lat. is ~~35° 50' 46"~~ 35° 51' 07.6" N. which is correct.

N. 89 15' E.

on a random line bet. secs. 24 & 25,

40.00 Set temp. ¼ sec. cor.

80.12 Intersect the Principal Meridian E. of Eddy, of the Tp. at the cor. of secs. 19, 24, 25, & 30, which is a limestone 12 x 6 x 10 ins. above ground, set in a mound

Subdivision of T. 29 N. R. 1 W.

of stone marked and witnessed as described by the surveyor General. Thence run

S. 89°55' W.

a true line 80.12 chs. to cor. secs. 24 & 25;

Over rough stony land through scattering cedars.

4.00 Ascend N.E. slope.

8.00 Top of ascent of 50 ft. bear N.W. & S.E.

80.06 Set a limestone 15 x 7 x 6 ins., 10 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. & 25 on S. faces; and raise a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable.

80.12 The cor. of secs. 23, 24, 25, & 26.

Land, Mountainous 8.00 chs. Rolling

Soil stony & sandy 4th Rate.

Timber, a few scattering cedars.

Land, covered with dense undergrowth 80.12 chs.

Subdivision of T. 29 N. R. 1 W.

N. 0° 01' W.

bet. secs. 23 & 24

Over Rolling land, covered with dense chico undergrowth.

40.00 Set a limestone 12 x 10 x 8 ins., 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. & 24 on E. faces; dig pits 18 x 18 x 12 ins., N. & S. of stone 2 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

80.00 Set a limestone 12 x 10 x 6 ins., 8 ins. in the ground for cor. of secs. 13, 14, 23 & 24, marked with 3 notches on S. and 1 notch on E. edges; dig pits 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist.; and raise a mound of earth 2 ft. base, 2 ft. high W. of cor.

Land, Rolling,

Subdivision of T. 29 N. R. 10 W.

Soil, sandy, 4th Rate.
No timber.
Land covered with dense
undergrowth 80.00 chs.

N. 89° 55' E.

on a random line between 13 & 24.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect the Principal Meridian and E. bdy. of the 7½ Mile S. of the cor. of secs. 13, 18, 19, & 24, which is a limestone 10 x 4 x 6 ins. above ground firmly set marked and witnessed as described by the Surveyor General.

Thence Arun

S. 89° 52' W.

On a true line between 13 & 24.

Over Rolling land covered with

Subdivision of T. 29 N. R. 1 W.

dense chico undergrowth.

40.04 Set a limestone 16 x 8 x 6 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ on N. & 24 on S. faces; dig pits 18 x 18 x 12 ins., E. & W. of stone 3 ft. dist.; and raised mound of earth 3½ ft. base, 1½ ft. high N. of cor.

80.08 The cor. of secs. 13, 14, 23 & 24.

Land, Rolling.

Soil, sandy, 4th Rate.

Timber, None.

Land, covered with dense undergrowth 80.08 chs.

N. 0° 01' W.

bet. secs. 13 & 14.

Over Rolling land, covered with dense chico undergrowth.

Subdivision of T. 29 N. R. 1 W.

30.00 Ascend, bears N.E. & S.W.

36.00 Ridge 50 ft. high bears E. & W.

40.00 Set a limestone 16 x 10 x 4 ins., 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. & 13 on E. faces; and raise a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable.

46.00 Foot of Ridge, bears N.W. & S.E.

55.00 Low Ridge bears N.W. & S.E.

80.00 Set a limestone 16 x 8 x 7 ins., 10 ins. in the ground for cor. of secs. 11, 12, 13 & 14, marked with 4 notches on S. & 1 notch on E. edge; and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.

Land Rolling.

Soil sandy & stony. 1st Rate.

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Subdivision of T. 29 N. R. 14 W.

No timber,
Land covered with dense thick
undergrowth 80.00 chs.

Sept. 8, 1900

Sept. 10: at 7 h 52 m a. m. Gmt.
I set off 4° 59' W. on the decl. arc;
~~35° 52' 52.2" N~~
~~35 - 52 - 20~~" on the lat. arc; and
determine a true meridian
with the solar,

Thence I run
N. 89° 52' E.
on a random line bet. secs. 12 & 13.

4.00 Set temp. 1/4 sec. cor.
80.00 Intersect the Principal
Meridian 4 E. bdy. of the Tp.
4 chs. S. of the cor. of secs. 7, 12,
13 & 18, which is a limestone
10 x 8 x 10 ins. above ground, firmly

Subdivision of T. 29 N. R. 14 W.

set marked and witnessed
as described by the Surveyor General.
Thence I run
S. 89°50' W.
on a true line between secs. 12 & 13,
Over nearly level land covered with
dense chico undergrowth.
40.13 Set a limestone 16 x 12 x 12 ins,
10 ins. in the ground for 1/4 sec. cor.
marked 1/4 on N. & 13 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.
56.00 Road, bears N.W. & S.E.
75.00 Ascend gradually.
80.06 The cor. of secs. 11, 12, 13, & 14.
Land, level & Rolling.
Soil, sandy & stony — 4th Rate.

Subdivision of T. 29 N. R. 1 W.

No timber.
Land covered with dense
undergrowth 80.06 chs.

N. 0° 01' W.

bet. secs. 11 & 12

Over Rolling land covered
with dense chico undergrowth.

18.50 Road, bears NW. & SE.

36.50 Ascend over rough stony land
bears NE. & SW.

40.00 Set a lime stone 24 x 10 x 4 ins.
15 ins. in the ground for ¼ sec.
cor. marked ¼ on W. & 12 on E.
faces, and raise a mound of
stone 3½ ft. base, 1½ ft. high W.
of cor. Pits impracticable.

57.00 Top ascent of 60 ft. bears E. & W.
Thence over rough stony land to

Subdivision of T. 29 N. R. 1 W.

80.00 Set a limestone 14 x 8 x 4 ins., 9 ins. in the ground for cor. of secs. 1, 2, 11, & 12 marked with 5 notches on S. and 1 notch on E. edges; and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
Land: Rolling & mountainous, 43.50 chs.
Soil stony, 4th Rate.
No timber, except a few scattering scrubby cedars,
Land covered with dense undergrowth 80.00 chs.

N. 89° 50' E.
on a random line bet. secs. 1 & 12,

40.00 Set temp. ¼ sec. cor.

80.04 Intersect the Principal Meridian 14 lks. S. of the cor. of secs. 1, 6, 7 & 12 which is a limestone 8 x 4 x 12

ins. above ground, firmly
set marked and witnessed
as described by the Surveyor
General.

Thence I run
S. 89° 45' W.
on a true line bet. secs 1 & 2.
Over gradually descend land
covered with dense chico underbrush
25.00 Edge of flat bottom; course N.W.
40.02 Set a limestone 16 x 12 x 14 ins., 10
ins. in the ground for 1/4 sec.
cor. marked 1/4 on N. & 2 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 1/2 ft.
base, 1 1/2 ft. high, N. of cor.
47.00 Leave bottom and ascend rough
rocky slope bears N. & S. 60 E.

Subdivision of T. 29 N. R. 1 W.

63.00 Ridge 150 ft. high bears N. 75 W. gradually descend over rough stony land to

80.54 The cor. of secs. 1, 2, 11, & 12.

Land level & mountainous, 33.04 chs.

Soil sandy & stony, 4th Rate.

A few scattering scrubby cedars.

Land covered with dense under-growth, or Mt. land. 80.00 chs.

Sept. 10, at this cor. I set off 4° 54½' N. on the decl. arc; and at 11h 37m a.m., l.m.t., observe the sun on the meridian the resulting lat. is 35° 53' 44.5" which is about the proper lat. 35° 53' 20"

N. 0° 01' W.

on a random line bet. secs. 1 & 2.

Subdivision of T. 29 N. R. 1 W.

4.00	Set temp. ¼ sec. cor.
80.34	Intersect N. bdy. of T. 2 lks. E. of the cor. of secs. 1, 2, 35 & 36, which I established Aug. 29, 1900. Thence N.
	S. 0°02' E. on a true line bet. secs. 1 & 2, Over Mountainous land through dense buck brush, and scattering scrubby cedars.
7.00	Descend into ravine
12.00	Ravine 12 5 ft. deep, course W.
25.00	Ridge 100 ft. high, bears E. & W.
30.00	Foot of Ridge. Thence across flat bottom, course W.
40.34	Set a limestone 20x10x4 ins., 10 ins. in the ground for ¼ sec. cor. marked ¼ on W. & 1 on E. face; dig pits 18x18x12 ins. N. & S. of

Subdivision of T. 29 N. R. 1 W.

stone 3 ft. dist.; and raised a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

47.00 Leave bottom and ascend rocky slope bear N.E. & S.W.

69.00 Top of ascent of 150 ft. bears E. & W. Thence over rough stony land.

80.34 The cor. of secs. 7, 12, 11, & 12.

Land, Mountainous, 63.34 chs. and level 17.00 chs.

Soil, stony & sandy, with Rats.

Timber, scattering scrubby cedars.

Land covered with dense undergrowth 80.00 chs.

Sept. 10, 1900.

Subdivision of T. 29 N. R. 1 W.

Sept. 11, at 7h 49m A.M. Dist.
I set off 4° 36½' N. on the decl. arc,
35° 43' on the latitude, and
determined a true meridian
with the solar at the standard
Cor. of secs. 34 & 35, which is a
limestone 24 x 12 x 5 ins, set
firmly in a mound of stone,
marked and witnessed as
described by the surveyor
general.

Thence I run
N. 0° 01' W.

bet. secs. 34 & 35.

Over stony, rolling land covered
with dense chico underbrush.

9.00 Ranine, 20 ft. deep, course N. W.

+0.00 Set a limestone 15 x 10 x 5 ins, 10
ins. in the ground for ¼ sec. cor.,

Subdivision of T. 29 N. R. 1 W.

marked 1/4 on W. & E. faces, and raised a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pit impracticable.

57.90 Water Road, bears E. & N.

62.50 Ravine 20 ft. deep, course N.W.

8000 Point for sec. cor. falls on limestone 12 x 10 x 4 ins. above ground in place, I.

Cut a cross (+) at exact cor. point for cor. of secs. 26, 27, 34 & 35, and mark 1 groove S. and 2 grooves E. of cross; and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pit impracticable.

Land, rough & stony.

Soil, stony & Slate.

Timber, a few scattering scrubby cedars.

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Subdivision of T. 29 N. R. 1 W.

Land covered with dense undergrowth 80.00 chs.

East

on a random line bet. secs. 26 & 35

40.00 Set temp. ¼ sec. cor.

80.32 Intersect N. & S. line 2 chs. S. of the cor. of secs. 25, 26, 35, & 36

Thence I run

S. 89° 57' W.

on a true line bet. secs. 26 & 35.

Over Mountainous land, covered with dense brush & chico brush

35.00 Second, bears N. 11° E.

40.16 Set a limestone 16 x 8 x 5 ins. 10 ins. in the ground for ¼ sec. cor. marked ¼ on N. & 35 on S. face; dig pits 18 x 18 x 12 ins., E. & W. of stone 3 ft. dist.; and raise a

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mound of earth. 3½ ft. base, ½ ft. high, N. of cor.

44.00 Foot descent of 4 oft. bears N. & S.

30.00 Descent, bears N. & S.

75.00 Ravine, course N. W.

80.32 The cor. of secs. 26, 27, 34 & 35.

Land mountainous 74.00 ch.

Soil, stony, 4th Rate

Timber, scattering scrubby cedar.

Land covered with dense undergrowth 80.32 chs.

N. 0° 01' W.

bet. secs. 26 & 27.

Over mountainous land covered with dense chico & buck brush.

3.50 Ravine, course W.

10.00 Ridge 6 oft. high, bears N.E. & S.W.

30.00 Descent, bears N.W. & S.E.

Subdivision of T. 29 N. R. 14 W.

34.00 Ravine, course N. W. 100 ft. below ridge.

40.00 Set a limestone 24 x 10 x 5 ins. 15 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. & 26 on E. faces; and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.

54.00 Ravine, course E., W.

78.00 Ravine 60 ft. deep, course W.

80.00 Set a limestone 18 x 8 x 8 ins. 12 ins. in the ground for cor. of secs. 22, 23, 26 & 27, marked with 2 notches on S. & E. edges; and raise a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable.

Land, Mountainous.

Soil, stony, 4th Rate.

Subdivision of T. 29 N. R. 1 W.

Timber, scattering scrubby cedar.
Mountainous land covered with
dense undergrowth 80.00 chs.

N. 89° 59' E.

On a random line bet. secs. 23 & 26.

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. & S. line 2 chs. N.
of the cor. of secs 23, 24, 25 & 26,

Thence run

West

on a true line bet. secs. 23 & 26
Over Rolling land covered with
dense chico undergrowth.

3.00 Low Rocky ridge bears N. & S.

18.00 Descend, bears N.W. & S.E.

38.00 Continue descent bears N. & S.

40.04 Set a limestone 12 x 10 x 8 ins,
8 ins. in the ground, for ¼ sec. cor.

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marked ½ on N. & 26 on S. faces;
dig pits 18 x 18 x 12 in. E. & W.
of stone 3 ft. dist. and raise
mound of earth 3½ ft. base,
1½ ft. high N. of cor.

43.00 Enter Ravine course from
N.E. to W.

58.00 Leave Ravine, course S.W.

63.00 Same Ravine, from S.E. to S.W.

64.00 Limestone ledge 4 ft. high,
bears N.E. & S.W. Enter a
few scattering cedars

72.00 Same Ravine, course N.W.

74.00 Same Ravine course S.W.

80.08 The cor. of secs. 22, 23, 26 & 27,
Land, Rolling and mountainous. 62.08 ch.
Soil, stony 4th Rate
Timber, a few scattering

Subdivision of T. 29 N. R. 1 W.

scrubby cedars.
Land covered with dense
undergrowth 80.08 chs.
At this cor. I set off 4° 33' N.
on the decl. arc; and at 11h 56.5m
observe the sun on the meridian.
the resulting lat. is
35° 51' 07.6" N.
~~35° 50' 47"~~, which is correct.

N. 0° 01' W.

bet. secs. 22 & 23,

Over mountainous land covered
with dense chis & buckbrush.

11.00 Ravine, course N.W.

31.00 Ravine course S.W.

40.00 Set a limestone 14 x 12 x 4
ins 8 ins. in the ground for
¼ sec. cor. marked ¾ on W. &
23 on E. faces; dig pits 18 x 18 x 6 ins.

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Subdivision of T. 29 N. R. 1 W.

(cannot dig deeper on account of bedrock) N. 75 of stone 3 ft. dist.; and raise a mound of earth 2½ ft. base, 1½ ft. high W. of cor.

46.00 Second. bears N.E. & S.W.

68.00 Ride Ravine, course S. 30° W.

80.00 Set a limestone 16 x 8 x 8 ins, 10 ins. in the ground for cor. of secs. 14, 15, 22 & 23, marked with 3 notches on S. & 2 notches on E. edge; dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land Mountainous 68.00 chs. and Rolling.

Soil, stony, 1st Rate.

Timber, a few scattering cedars.

Subdivision of T. 29 N. R. 1 W.

Land covered with dense
undergrowth 80.00 chs.

East

on a random line bet. secs. 14 & 23,

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. & S. line 7 lks. S.
of the cor. of secs. 13, 14, 23, & 24

Thence run

S. 89° 57' W.

on a true line bet. secs. 14 & 23,
Over Rolling land, covered with
dense chico undergrowth.

28.00 Low ridge bears N. & S.

40.04 Set a limestone 16 x 14 x 4 ins.
10 ins. in the ground for ¼ sec.
cor. marked ¼ on N. & 23 on S.
faces; dig pits 18 x 18 x 12 ins. E. & W.
of stone 3 ft. dist.; and raise

Subdivision of T. 29 N. R. 1 W

mound of earth 3½ ft. base, 1½ ft. high N. of cor.

78.00 Ravine, course S. 30° W.

80.08 The cor. of secs. 14, 15, 22, & 23.

Land, Rolling.

Soil, sandy. 4th Rate.

No timber.

Land covered with dense chico undergrowth.

80.08 chs.

N. 0° 01' W.

bet. secs. 14 & 15

Over Rolling land, covered with dense chico brush.

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

39.00 Drain, course S. E.

40.00 Set a limestone 12 x 8 x 6 ins. 8 ins. in the ground for ¼ sec. cor. marked ¼ on W. & 14 on E.

Subdivision of T. 29 N. R. 1 W.

faces; and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.

45.00 Small Drain, course S.E.

50.00 Dividing Ridge bears E. & W.

80.00 Set a limestone 8 x 8 x 7 ins., 12 ins. in the ground for cor. of secs. 10, 11, 14, & 15 marked with 4 notches on S. end 2 notches on E. edge, and raise a mound of stone 2 ft. base 1½ ft. high, W. of cor. Pits impracticable.

Land Rolling.

Soil, stony, 4th Rate.

No timber.

Land, covered with dense undergrowth 80.00 chs.

Sept. 11, 1900

BOOK 1128

Subdivision of T. 29 N. R. 1 W.

Sept. 12; at 7h 56m a.m., Asst. J
set off 4° 13½' N. on the ded. arc;
35° 52' 0.522" N.
~~35° 52' 20"~~ on the lat. arc, and
determine a true meridian
with the solar at the cor. of
secs. 10, 11, 14 & 15.
Thence I run
N. 89° 57' E.
on a random line bet. secs. 11 & 14.
40.00 Set temp. ¼ sec. cor.
80.04 Intersect N. & S. line & lks. N.
of the cor. of secs. 11, 12, 13, & 14
Thence I run
S. 89° 59' W.
on a true line bet. secs. 11 & 14.
Over rolling land through
dense chico underbrush.
3.00 Low Ridge bears N. 45,
25.00 Swale, course N.

Subdivision of T. 29 N. R. 1 W.

40.02 Set a limestone 24x12x5 ins., 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. E. & 14 on S. faces; dig pits 18x18x12 ins. E. & W. of stone 2 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.

61.00 A few scattering cedars.

64.00 Low Ridge bears N. & S.

80.04 The cor. of secs. 10, 11, 14 & 15,

Land, Rolling.

Soil, sandy & stony & Black Oaks.

No timber.

Land, covered with dense undergrowth 80.04 chs.

N. 0° 01' W.

bet. secs. 10 & 11

Over Rolling land, covered

Subdivision of T. 29 N. R. 1 W.

with dense chico undergrowth.

40.00 Set a limestone 18 x 10 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. & I on E. faces; dig pits 18 x 18 x 12 ins. N. & S. of stone 2 ft. dist.; and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor.

75.20 Road bears E. & N. Ascend over rough stony land to

80.00 Set a limestone 12 x 10 x 6 ins. 8 ins. in the ground for 1/4 cor. of secs. 2, 3, 10, & 11, marked with 5 notches on S. & 2 notches on E. edges; and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land: Rolling and Mountainous.

4.80 chs.

Subdivision of T. 29 N. R. 1 W.

Soil sandy & stony & the Rals.
No timber.
Land covered with dense
undergrowth 80 Ch.
Note.- It being cloudy at noon
no Sat. obs. could be taken.

N. 89° 59' E.

on a random line bet. secs. 2 & 11

40.00 Set temp. ¼ sec. cor.

80.08 Intersect N. & S. line 7 lks. S.
of the cor. of secs. 1, 2, 11, & 12.

Thence down

S. 89° 56' W.

on a true line bet. secs. 2 & 11
Over Mountainous land covered
with dense Chico & buckbrush.

16.00 Descend, base N. & S.

31.00 Edge of flat bottom course N. 20° E.

BOOK 1128

Subdivision of T. 29 N. R. 14 W.

and foot descent of 40 ft.

40.04 Set a limestone 16 x 14 x 4 ins. 10 ins. in the ground for 1/4 sec. cor. marked $\frac{1}{4}$ on N. & 11 on S. faces; dig pit 18 x 18 x 2 ins. E. & W. of stone 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high. N. of cor.

67.00 Leave bottom of ascent, bears N.

70.00 Top of ascent of 60 ft. bears N.

80.08 The cor. of secs. 2, 3, 10, & 11.

Land, Mountainous 60.00 chs.

Rolling or nearly level.

Soil, stony & sandy 4th Rate

Timber, a few scattering cedar.

Land covered with dense undergrowth 80.08 chs.

N. 0° 01' W.

Subdivision of T. 29 N. R. 1 W.

on a random line bet. secs 2 & 3.

40.00 Set temp. ¼ sec. cor.

80.28 Intersect N. bdy. of Tp. at the cor. of secs. 2, 3, 34 & 35, which I established Aug. 28, 1900

Thence S.

S. 0° 01' E.

on a true line bet. sec. 2 & 3

Over level bottom land covered with dense chicopee brush.

30.00 Ascend over rough stony land bears N.W. & S.E. A few scattering cedars on slope

40.28 Set a limestone 14 x 10 x 5 ins., 10 ins. in the ground for ¼ sec. cor. marked ¼ on W. & 2 on E. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable.

Subdivision of T. 29 N. R. 1 W.

76.00 Ridge bears N. W., 0.5 E.

80.28 The cor. of secs. 2, 3, 10, & 11.

Land, level and mountainous 80.28 chs.

Soil, sandy & stony 3rd & 4th Rate

Timber, scattering scrubby cedar,

Land covered with dense undergrowth 80.28 chs.

Sept. 12, 1900.

Sept. 13; at 7 h. 55 m a.m. (mt.), I set off 3° 50½' N. on the decl. arc, 35° 49' on the lat. arc, and determine a true meridian with the solar at the standard cor. of secs. 33 & 34, which is a limestone 8 x 6 x 1 ins. above ground.

Subdivision of T. 29 N. R. 1 W.

firmly set marked and witnessed as described by the Surveyor General.

Thence down

N. 0° 02' W.

bet. secs. 33 & 34.

Over Rolling land covered with dense Chico undergrowth

21.20 Water Road, bears N.E. 75 l. w.

in flat Draw course S.W.

22.00 ascend bears N.E. 75 l. w.

39.00 Point of Spur bears N.W.

40.00 Set a limestone 18 x 14 x 12 ins., 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. & 34 on E. faces; and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.

53.00 Ravine, course S. 30° E. ascend

Subdivision of T. 29 N. R. 1 W.

59.00	Top ascent of 75 ft. bears N.W. & S.E.
80.00	Set a limestone 16x8x8 ins. 10 ins. in the ground for cor. of secs. 27, 28, 33 & 34, marked with 1 notch on S. and 3 notches on E. edges; dug pits 18x18x12 ins., in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
	Land, Rolling & Mountainous, 37.00 chs.
	Soil, sandy & stony & Red.
	No timber.
	Land covered with dense chis undergrowth 80.00 chs.

East

Subdivision of T. 29 N. R. 1 W.

On a random line bet. secs. 27 & 34

40.00 Set temp. ¼ sec. cor.

80.16 Intersect N. & S. line 10 lks. S of the Cor. of secs. 26, 27, 34 & 35

Thence N. 89° 55' W.

on a true line bet. secs. 27 & 34.

Over rough broken land covered with dense chis brush

Ascend from cor.

4.00 Ridge bears N. 74° E. Sandst.

24.00 Ravine, Course N. W.

40.08 Set a limestone 15 x 10 x 4 ins. 10 ins. in the ground for ¼ sec. cor. marked $\frac{1}{4}$ on N. & 34 on S faces; dig pits 18 x 18 x 12 ins. E. & W. of stone 2 ft. dist.; and raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.

Subdivision of T. 29 N. R. 14 W.

56.00 Ravine, course S. 30° W. and d.

65.00 Ridge 10 ft. high, bears N. & S.

69.00 Second gradual west slope.

80.06 The cor. of secs. 27, 28, 33 & 34.

Land, Mountainous 69.00 ch. & Rolling.

Soil, sandy & stony & Rocky.

Scattering scrubby cedars,

Land covered with dense

chico undergrowth 80.06 ch.

N. 0° 02' W.

bet. secs. 27 & 28.

Over Rolling land, covered

with dense chico undergrowth

36.00 Road, bears N. & S.

40.00 Set a limestone 16 x 14 x 5 ins.

10 ins. in the ground for 1/4 sec.

cor. marked 1/4 on W. & 27 on E.

Subdivision of T. 29 N. R. 1 W.

faces; dig pits 18x18x12 ins, N. & S. of stone 3 ft. dist.; and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor.

80.00 Set a limestone 6x10x8 ins, 11 ins. in the ground for cor. of secs. 21, 22, 27, & 28, marked with 2 notches on S. and 3 notches on E. edges; dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land, Rolling.

Soil, sandy & slate.

No timber.

Land covered with dense undergrowth 80.00 chs.

N. 89° 53' E.

on a random line bet. secs. 22 & 27,

40.00 Set temp. 1/4 sec. cor.

80.24 intersect N. & S. line & Elks. N. of the cor. of secs. 22, 23, 26, and 27,

Thence run

S. 89° 58' W.

on a true line bet. secs 22 & 27,

Over Rolling land covered with scattering cedar and dense chico brush.

4.00 Ravine, course N. W.

24.00 Ravine, course S. ascend.

37.50 Top ascent of 5 ft. bear N. & S.

40.12 Set a limestone 16 x 8 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. & 27 on S. faces; dig pits 18 x 18 x 12 ins, E. & W. of stone 2 ft. dist.;

and raise a mound of earth
3½ ft. base, 1½ ft. high N. of cor.
80.24 The cor. of sec. 21, 23 26 & 27.
Land, Rolling & Mountainous 13.50 chs.
Soil, sandy & stony & Rate.
Scattering scrubby cedars.
Sand, covered with dense
undergrowth 80.00 chs.
*80.24
Sept. 13; at this cor. I set off
3° 46' E. on the decl. and at
1h 56m a.m., limt., observe the
sun on the meridian; the result-
ing lat. is ~~35° 5' 40"~~ 35° 5' 07.6" N.
which is
about the proper lat.

N. 0° 02' W.

bet. secs. 21 & 22,
Over Rolling land covered with

Subdivision of T. 29 N. R 1 W.

dense chico undergrowth.

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

40.00 Set a limestone 16 x 12 x 4 ins, 10 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. & 22 on E. faces; dig pits 18 x 18 x 12 ins. N. & S. of stone 3 ft. dist; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.

64.00 Wide flat Drain, course S.E.

80.00 Set a limestone 18 x 12 x 5 ins. 12 ins. in the ground for cor. of secs 15, 16, 21 & 22, marked

T. 29 N. on N.E.

R. 1 W. on S.E. with 3 notches on S. & E. edges; dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist; and raise a mound of earth ½ ft. base, 2 ft. high

Subdivision of T. 29 N. R. 1 W.

W. of cor.
Land, Rolling,
Soil sandy, 4th Rate.
No timber.
Land covered with dense
chico undergrowth 80.00 ch.

N. 89° 59' E.

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

40.00 Set temp. ¼ sec. cor.

80.24 Intersect N. & S. line 8 chs. S. of the cor. of secs. 14, 15, 22, & 23

Thence down

S. 89° 56' W.

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

Over Rolling land, covered with
dense chico undergrowth
a creek from cor.

5.00 Rocky ridge bears N. & S.

Subdivision of T. 29 N. R. 1 W.

10.00 Edge of Flat Bottom course S.E.
34.00 Leave bottom and ascend.
40.12 Set a limestone 12 x 8 x 6 ins., 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. & 29 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 1/2 ft. base, 1 1/2 ft. high N. of cor.
45.00 Low Ridge bears N. & S.
80.24 The cor. of secs 15, 16, 21 & 22.
Land Rolling
Soil, sandy, 4 & Rats.
Nut timber.
Land covered with dense chin. undergrowth 80.00 chs.

x 80.24

N. 0° 02' W.

bet. secs 15 & 16.

Subdivision of T. 29 N. R. 1 W.

Over Rolling land covered with dense chis undergrowth.

37.00 Low Ridge bears E. mn.

40.00 Set a limestone 15 x 8 x 5 ins., 10 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. + 15 on E. faces; dig pits 18 x 18 x 12 ins., N. + S. of stone 2 ft. dist.; and raise a mound of earth 3½ ft. base 1½ ft. high, W. of cor.

80.00 Set a limestone 16 x 8 x 8 ins., 10 ins. in the ground for cor. of secs. 9, 10, 15 + 16, marked with 4 notches on S. and 3 notches on E. edges; dig pits 18 x 18 x 12 ins. in each sec., 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Subdivision of T. 29 N. R 1 W.

Land, Rolling,
Soil, sandy, 4th Rate.
Not timber,
Land covered with dense
Chico undergrowth 5000 chs.

N. 89° 55' E.
on a random line bet. secs 10 & 15

40.00 Set temp. ¼ sec. cor.

80.26 Intersect N. & S. line 7 lks.
N. of the cor. of secs. 10, 11,
14 & 15,

Thence N.

S. 89° 58' W.
on a true line bet. secs. 10 & 15
Over Rolling land covered
with dense chico undergrowth
and scattering scrubby cedars.

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

Subdivision of T. 29 N. R 1 W.

Leans cedars.

40.13 Set a limestone 12 x 10 x 10 ins., 8 ins. in the ground for 1/4 sec. cor., marked $\frac{1}{4}$ on N. & 15 on S. faces; dig pits 8 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.

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

Land, Rolling.

Soil, sandy & stony & Rocky.

Timber, scattering scrubby cedar.

Land covered with dense thick undergrowth 8 ~~0.26~~ chs.

Sept. 13, 1900.

Sept. 14: at 8 h 02 m a.m., local time, set off 3° 27½' N. on the ded. arc. 35° 52' 20" on the lat. arc;

and determine a true meridian with the solar at the cor. of secs. 9, 10, 15 & 16.

Thence N. run N. 0° 02' W.

bet. secs. 9 & 10.

Over Rolling land covered with dense chis underground.

27.00 Low Ridge bears E. & W.

40.00 Set a limestone 14 x 10 x 5 ins., 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. & 10 on E. faces; dig pit 18 x 18 x 12 ins. N. & S. of stone 2 ft. dist.; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

63.00 Low Ridge bear E. & W.

Set cor.

80.00 Set a limestone 14 x 10 x 5 ins.