

FIELD NOTES
PUBLIC SURVEY

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MAY 10 1913
CHEYENNE, WYO.

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MAY 11 1910
CHEYENNE, WYO.

FIELD NOTES

OF the resurvey of

The Subdivision lines ofTownship 14 NorthRange 110

West of the Sixth Principal Meridian in Wyoming.

RESURVEYED BY

Adams and Saxon

United States

Deputy Surveyors

Under contract No. 335, dated June 8, 1903Survey commenced September 3, 1903Survey completed September 14, 1903

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Wm C Hoskinsleft1901

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3773

O.E. H.
S. L.S. L.
S. G. O.

NAMES AND DUTIES OF ASSISTANTS.

James Dutton Chainman.

Frank Gray Woodward Chainman.

.....

.....

..... Axman.

James C. Hudson Moundsman.

.....

.....

..... Flagman.

..... Flagman.

.....

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Township *14 North* Range *110 West*

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Resurvey of

Chains

Subdivision of T₁ 1st N., R. 110 W.

Near the 1/4 sec. cor. lat. and 3rd 1/4 sec. on the S. side of
the Sp. ✓ *P. J.*

latitude $41^{\circ}09'$ N., longitude $109^{\circ}27'$ W.; I set
off $41^{\circ}09'$ N., on the lat. arc; $7^{\circ}21'22''$ on the
decl. arc; and at $2^{\text{h}}00^{\text{m}}$ p. m., l. m. t., determine with the
solar a meridian and mark a point thereof, on a stone firmly
set in the ground, 5 chs. N. of the cor.

At $8^{\text{h}}15^{\text{m}}$ p. m., l. m. t., I observe Polaris at ~~eastern~~
elongation, in accordance with Manual of Instructions,
and mark a point in the line thus determined on a peg
driven in the ground, 5 chs. N. of my station.

September 3, 1909

September 4 At $7^{\text{h}}02^{\text{m}}$ a. m., l. m. t. I lay off the azimuth
of Polaris, $135^{\circ}11'$ to the ~~mark~~, and mark the meridian
thus determined, by cutting a small groove in the stone
set *September 3*, on which the meridian falls 0.2 ins.
~~east~~ of mark determined by the solar.

At $7^{\text{h}}10^{\text{m}}$ a. m., l. m. t., I set off $41^{\circ}09'$ N., on the lat.
arc; $7^{\circ}21'22''$ on the decl. arc; and mark a point in
the meridian determined with the solar, by a cross on the
stone already set 5 chs. N. of my station; this mark falls
 0.1 ins. ~~east~~ of the meridian established by the Polaris
observation.

Resurvey of

chains

Subdivision of Tp. 12 N., R. 10 W.

The solar apparatus, by p. m. and a. m. observations, defines positions for meridians established by the Polaris observations; therefore, I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian, at 7^h a. m.; N. 16° 12' W., the angle thus determined gives the mag. decl. 16° 02' E.

*Description and approval of
instrument given in book 10.*

Resurvey of

Chains

Subdivision of T¹₁₄ N., R. 110 W.

September 4, 1909: At 9^h 10^m a. m., 1. m. t., I set off
 41st 09' N. on the lat. arc; 7^h 12' 27" on the decl.
 arc; and determine a meridian with the solar, at the cor. of
 secs., 1, 2, 3, 4, and 56, on the S. side of the Sp.
 as previously established and described.

Thence I run

N. 0° 01' W. bet. secs. 34 and 56.

Over mountainous land.

Descend.

20.00 Ravine course N. and ascend.

23.00 Point of spur falls N. and descend.

35.00 Ravine course N. and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for 1/4 sec., cor., marked on brass cap.

N. 32° on E. half and S. 56° on E. half;

60 pits, 18x18x12 ins., N and O of post, 3 ft. dia.;
 and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high.

N of cor.

43.00 Point of spur falls N. and descend.

47.00 Ravine course N. and ascend.

54.60 Top of ridge bears E and N. and descend.

58.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the
 ground, for cor. of secs. 25, 26, 27, and 56, marked
 on brass cap.

T. 14 N., S. 26 in N. W., R. 110 W., S. 25 in N. E.,

S. 56 in S. E., and S. 55 in S. W. quadrant;

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,

N of cor.

Land, *mountainous*

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

East on a random line bet. secs. 20 and 26.

20.00 Set temp. 1/4 sec. cor.

39.91 Intersect the *E* line of the 1/2 cor. lks. N of the cor. of
secs. 20, 22, 24 and 26, previously established and describe

Thence I run

N 89° 55' *N* on a true line bet. secs. 20 and 26.

Over mountainous land.

Descend.

59.99 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, 1/4 sec. cor. marked on brass cap

1/4 S. 20 on N half and S. 26 on E half;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,

N of cor.

56.00 Draw course *D* and ascend.61.00 Point of spur falls *ON* and descend.74.10 Ravine course *NN* and ascend.77.70 Point of spur falls *NN* and descend.79.90 Ravine course *NN* and ascend.

79.91 The cor. of secs. 20, 26, 28 and 26.

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ORIGINAL FIELD NOTES

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 10 W.

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

N. of cor.

Land, mountainous

Soil, sandy, loam and stony. 2nd and 3rd rate

No timber.

East on a random line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.98 Intersect the E bdy. of the Tp. 14 Ns. 21 of the cor. of
secs. 25, 30, 31 and 36, previously established and described

Thence I run

N. 89° 58' E on a true line bet. secs 25 and 36.

Over mountainous land

Descend.

59.99 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor marked on brass cap

X S. 25 on N. half and S. 36 on E half;

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

N. of cor.

56.00 Draw course D. and ascend.

61.00 Point of spur falls D. and descend.

75.10 Ravine course N. E. and ascend.

77.70 Point of spur falls N. E. and descend.

79.90 Ravine course N. E. and ascend.

79.98 The cor. of secs. 25, 26, 35 and 36.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

Land, ~~mountain~~
^{clay}
 Soil, sandy, ~~loam~~ and stony; 2nd and 3rd rate.

No timber.

September 21: At this cor. I set off 7 ^{1/2} N.
 on the decl. arc; and observe the sun on the meridian; the
 resulting lat. is $41^{\circ} 10'$ N.

N. 01° W bet. secs. 25 and 26.

Over mountainous land.

Descend.

0.15 Ravine course N. 4.

7.50 Gulch course N. and ascend.

15.00 Top of spur bears E and N. and descend.

39.50 Ravine course N. 4. and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for 14 sec., cor., marked on brass cap

N. S. 26 on N. half and S. 25 on E. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high.

N. of cor.

43.50 Top of spur bears N. 4. and D. E. and descend.

50.30 Ravine course N. 4. and ascend.

62.00 Top of ridge bears N. 4. and D. E. and descend.

80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the
^{and 18 ins. in mound of stone}
 ground, for cor. of secs. 23, 24, 25, and 26, marked
 on brass cap

T. 12 N., S. 23 in N. W., R. 10 W., S. 24 in N. E.,

S. 25 in S. E., and S. 26 in S. W. quadrant; and raise a
 mound of stone, 2 ft. base, 1 1/2 ft. high N. of cor.

TRANSCRIBED COPY OF ORIGINAL FIELD NOTES

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Resurvey of

Chains

Subdivision of Tp. 14 N., R. 110 W.

Land, *mountainous*
clay
Soil. Sandy, *lean* and stony; 2nd and 3rd rate.

No timber.

September 1st: At this cor. I set off 7th N.
on the *ded* arc; and observe the sun on the meridian; the
resulting *lat.* is *41° 10' N*

N. *or* W bet. secs. 25 and 26.

Over mountainous land

Descend.

0.15 Ravine course *N*

2.50 Gulch course *N* and ascend.

15.00 Top of spur bears *E* and *N* and descend.

39.50 Ravine course *N* and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for $\frac{1}{4}$ sec., cor., marked on brass cap

$\frac{1}{4}$ S 26 on *N* half and S. 25 on *E* half;

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,

N of cor

45.50 Top of spur bears *N* and *D E* and descend.

53.30 Ravine course *N* and ascend.

69.00 Top of ridge bears *N* and *D E* and descend.

80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the
and 18 ins. in mound of stone
ground, for cor. of secs. 23, 24, 25, and 26, marked

brass cap

T. 14 N., S. 23 in N. W., R. 110 W., S. 24 in N. E.,

S. 25 in S. E., and S. 26 in S. W. quadrant; and raise a
mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high *N* of cor.

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 110 W.

Land, ~~mountainous~~Soil, sandy, ^{clay} loam and stony; 2nd and 3rd ^{and 4th} rate.

No timber.

D. 19-55 E on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect the C bdy. of the Tp. 07 lks. 77 of the cor. of
secs. 19, 24, 25 and 30.

Thence I run

N 89-55 W on a true line bet. secs. 24 and 25.

Over mountainous land.

Ascend.

7.00 Top of spur bears N 1/2 - E and descend.

27.25 Ravine course N 1/2 and ascend.

40.06 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for 1/4 sec. cor. marked on brass cap

1/4 S. 25 on N half and S. 25 on E half;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,
77 of cor.

46.00 Top of ridge bears N 1/2 and E and descend.

62.50 Ravine course N 1/2 and ascend.

76.00 Top of spur bears N 1/2 and E and descend.

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

Land, ~~mountainous~~Soil, sandy, ^{clay} loam and stony; 2nd and 3rd ^{and 4th} rate.

No timber.

Resurvey of

Subdivision of Tp. 14 N., R. 10 W.

Chains

N. 0° 01' W. bet. secs. 23 and 24.

Over mountainous land.

Descend.

38.00 Ravine course N. 30° W. and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for 1/4 sec., cor., marked on brass cap

1/4 S. 23 on N. half and S. 24 on E. half;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,

N. of cor.

62.00 Top of ridge bears N. 4° and N. 6° and descend.

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, marked on brass cap

T. 14 N., S. 14 in N. W., R. 10 W., S. 13 in N. E., S. 24 in S. E., and S. 23 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,

N. of cor.

Land, mountainous

Soil, sandy, ~~hard~~ and stony; 2nd and 3rd rate ^{and 4th}

No timber.

September 2, 1909

September 25: At 8^h 10^m a. m. in P. M. I set off
 14.00 N. on the lat. arc; 6.57 W. on the decl.
 arc; and determine a meridian with the solar, at the cor. of
 secs. 13, 14, 23 and 24.

Resurvey of

Chains

Subdivision of Tp. 43 N., R. 110 W.

Thence 1 run

S 89° 55' E on a random line bet. secs. 13 and 24.

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

80.06 Intersect the E. bdy. of the Tp. 07 lks. S of the cor. of secs. 13, 18, 19 and 24, previously established and describe

Thence 1 run

N 89° 55' W on a true line bet. secs. 13 and 24.

Over mountainous land

Descend.

17.75 Gulch course N 80° W and ascend.

24.00 Point of spur falls N W. and descend.

32.75 Gulch course N E. and ascend.

40.03 Set an iron post, 3 ft. long, 1 in. in dia., ¹² 24 ins. in the and 12 ins. in mound of stone and set 1 sec. cor. marked on brass cap $\frac{1}{4}$ S. 13 on N half and S. 24 on S halfand raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high.

N of cor.

62.00 Top of ridge bears N W. and S E. and descend.

79.30 Ravine course N W. and ascend.

80.06 The cor. of secs. 13, 18, 23 and 24

Land, mountainous

Soil, sandy, ^{clay} loam and stony; 2nd and 3rd rate.

No timber.

N. 0° 01' W bet. secs. 13 and 24

Over mountainous land.

Resurvey of

Chains

Subdivision of Tp. 13 N., R. 110 W.

Descend.

1.05 Ravine course *N. 4* and ascend.16.00 Top of ridge bears *N. 4* and *S. E* and descend.26.75 Gulch course *N. E* and ascend.40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap. $\frac{1}{4}$ S. 12 on *N* half and S. 13 on *E* half;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,

N of cor.43.80 Top of spur bears *N. E* and *S. 4* and descend.

50.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, marked on brass cap.

T. 13 N., S. 11 in N. W., R. 110 W., S. 12 in N. E., S. 13 in S. E., and S. 14 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,

N of cor.Land, ~~mountain~~Soil, sandy, ~~lean~~ ^{clay} and stony; 2nd and 3rd rate.

No timber.

Deposit on a random line bet. secs. 12 and 13.40.00 Set temp. $\frac{1}{4}$ sec. cor.50.00 Intersect the *E* bdy. of the Tp. or lts. *S* of the cor. of secs. 7, 12, 13 and 14 previously established and described.

Thence I run

that on a true line bet. secs. 12 and 13

Resurvey of

Chains

Subdivision of T_{p.} 14 N., R. 10 W.

Over mountainous land.

Through dense undergrowth.

Ascend.

50.00 Top of spur bears *N. N. and O. E.* and descend.53.00 Ravine course *N. N.* and ascend.56.00 Set an iron post, 3 ft. long, 1 in. in dia., ¹⁶/₂₄ ins. in the ~~and 8 in. mound of stone~~ ground, for $\frac{1}{4}$ sec., cor., marked on brass cap $\frac{1}{4}$ S. $\frac{1}{2}$ on *N. N.* half and S. $\frac{1}{2}$ on *S.* half;and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high,*N. N. of cor. The cor. is situated on a*Top of spur bears *N. N. and O. E.* and descend.59.00 Draw course *N. N.* and ascend.Leave dense undergrowth, *low N. and S.*61.50 Top of spur bears *N. N. and O. E.* and descend.64.00 Ravine course *N. N.* and ascend.66.00 Top of ridge bears *N. and S.* and descend.68.00 Draw course *N. E.* and ascend.

69.00 The cor. of secs. 11, 12, 13 and 14

Land, *mountainous*^{o/sy} Soil, sandy, loam and stony; ~~2nd and 3rd rate.~~ ^{and 4th}

No timber.

September 25 : At this cor. I set off $6^{\circ} 22'$ N. in the decl. arc; and observe the sun on the meridian; the resulting lat. is $41^{\circ} 15' 27''$ ✓

N. $0^{\circ} 01'$ W bet. secs. 11 and 12 ✓

Over mountainous land.

Resurvey of

Subdivision of Tp. 14 N., R. 110 W.

Chains

Descend.

1.75 Draw course *NN* and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S. $\frac{1}{2}$ on *N* half and S. $\frac{1}{2}$ on *E* half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high,
N of cor.

75.00 Top of ridge bears *NN* and *NE* and descend.

80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the
ground, for cor. of secs. 1, 2, 11, and 12, marked
on brass cap

T. 14 N., R. 110 W., S. 1 in N. E.,
S. 12 in S. E., and *S. 11* in S. W. quadrant;

and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high,
N of cor.

Land, *mountainous*Soil, sandy, ~~lean~~ and stony; ^{and 2^d} 2^d and 3^d rate.

No timber.

*E*nt on a random line bet. secs. 1 and 12.20.00 Set temp. $\frac{1}{4}$ sec. cor.

60.01 Intersect the *E* bdy. of the Tp. by lcs. *N* of the cor. of
secs. 1, 2, 7 and 12, previously established and described.
Thence I run

N 89° 56' E on a true line bet. secs. 1 and 12.

Over mountainous land

Resurvey of

Claims

Subdivision of T₁. 12 N., R. 110 W.

	Descend.
20.00	Gulch course <i>OX</i> and ascend.
20.00	Point of spur falls <i>OX</i> and descend.
06.00	Gulch course <i>NN</i> and ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap
	4. S. $\frac{1}{2}$ on <i>NN</i> half and S. $\frac{1}{2}$ on <i>SE</i> half
	and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high,
	<i>NN</i> of cor.
43.40	<i>Top of hill and descend.</i>
48.40	Gulch course <i>NE</i> and ascend.
50.00	The cor. of secs. 1, 2, 3 and 4.
	Land, mountainous
	Soil, sandy, loam and stony; 2nd and 3rd rate.
	No timber.
	<i>No. 01</i> <i>N</i> on a random line bet. secs. 1 and 2.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
50.00	Intersect the <i>N</i> bdy. of the T ₁ . 07 lks. <i>N</i> of the cor. of
	secs. 1, 2, 3 and 4, previously established and described.
	Thence I run
	<i>No. 02</i> <i>N</i> on a true line bet. secs. 1 and 2.
	Over mountainous land.
	Ascend.
40.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
	ground for $\frac{1}{4}$ sec., cor., marked on brass cap

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 10 W.

$\frac{1}{4}$ S. π on $\mathcal{H}$ half and S. ν on $\mathcal{E}$ half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 $\mathcal{H}$ of cor.

54.40 Point of spur falls $\mathcal{E}$ and descend.

61.00 Draw course $\mathcal{NE}$ and ascend.

76.70 Automobile road, leave $\mathcal{NE}$ and $\mathcal{SH}$

80.00 The cor. of secs. 1, 2, 11 and 12.

Land, *mountainous*

Soil, sandy, ^{clay} loam and stony; 2nd and 3rd ^{and 4th} rate.

No timber.

September 5, 1909

September 6: At 8^h 15^m a. m., i. m. t., I set off
at 09° N. on the lat. arc; 6^h 30^m $\mathcal{NE}$ on the decl.
arc; and determine a meridian with the solar, at the cor. of
secs. 1, 2, 3, 34 and 35, on the *S. E. of the Sp.*
previously established and described.

Thence I run

N. 0° 02' W bet. secs. 34 and 35.

Over mountainous land.

Descend.

34.40 Gulch course $\mathcal{SH}$ and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., ¹² 24 ins. in the
and 12 ins. in mound of stone
marked for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S. ν on $\mathcal{H}$ half and S. ν on $\mathcal{E}$ half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 $\mathcal{H}$ of cor.

Resurvey of

Chains

Subdivision of Tp. 22 N., R. 110 W.

- 80.00 Set an iron post, 3 ft. long; 2 ins. in dia., ¹²24 ins. in the ~~and land in mound of stone~~ mound, for cor. of secs. 26, 27, 28, and 29, marked on brass cap.
- 1.22 1.22 N., S. 27 in N. W., R. 110 W., S. 28 in N. E., S. 29 in S. E., and S. 30 in S. W. quadrant;
- dig pits, 18x18x12 ins. in each sec., 5 1/4 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
- Land, ~~mountainous~~ ^{clay}
- Soil, sandy, loam and stony; 2nd and 3rd rate.
- No timber.
- 40.00 East E., on a random line bet. secs. 26 and 29.
- 80.02 S. 27 temp. 1/4 sec. cor.
- Intersect N. and S. line, at lks. 1 1/2 of cor. of secs. 26, 27, 28, and 29.
- Thence I run
- West W., on a true line bet. secs. 26 and 29.
- Over mountainous land.
- Ascend.
- 1.00 Top of spur bears N. 44 and S. E. and descend.
- 20.00 Ravine course N. 44 and ascend.
- 40.01 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for 1/4 sec. cor., marked on brass cap
- N. S. 26 on N. half and S. 29 on S. half;
- and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,
- N. of cor.

Resurvey of

Chains

Subdivision of Tp. 116 N., R. 110 W.

41.00 Top of ridge bears *N. 24° and N. E.* and descend.70.00 *By creek come S and ascend*

80.00 The cor. of secs. 26, 27, 28 and 29.

Land, *mountainous*Soil, sandy, ^{also} ~~hard~~ and stony; 2nd and 3rd ^{and 4th} rate.

No timber.

N. 0° 02' W. bet. secs. 26 and 27.

Over mountainous land

Ascend

29.00 Point of spur falls *N. 24°* and descend.

Leave mountainous land

Enter rolling land bears *N. E. and N. 24°*31.70 Gulch course *N.* and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for 1/4 sec., cor., marked on brass cap

1/4 S. 27 on *N.* half and S. 26 on *E.* half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

N. of cor.*September 6: The sky being overcast at noon I was unable to make observations for latitude*50.00 Enter dense undergrowth bears *E. and N.*

50.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 22, 23, 24, and 27, marked on brass cap

1. 1st N., S. 22 in N. W., R. 110 W., S. 23 in N. E.,

S. 24 in S. E., and S. 27 in S. W. quadrant;

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 10 W.

	and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high, N of cor.
	Land, mountainous and rolling. Soil, sandy, loam and stony, 2nd and 3rd rate, No timber.
40.00	East E., on a random line bet. secs. 23 and 24. Set temp. $\frac{1}{4}$ sec. cor.
79.98	Direct N. and S. line, 12 lks. N of cor. of secs. 20, 21, 25 and 26. Thence I run N. 89° 55' W., on a true line bet. secs. 23 and 24. Over mountainous land Ascend. 18.00 Top of ridge bears N. 40° E. and descend. 57.99 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., worked on brass cap $\frac{1}{4}$ S. 23 on N half and S. 24 on S half; and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high, N of cor. 20.00 Leave mountainous land Enter rolling land bears N. 40° E. 60.00 Gulch course N. 40° and ascend. Enter dense undergrowth bears N. 40° E. 79.98 The cor. of secs. 22, 23, 24 and 27.

Resurvey of

Subdivision of Tp. 12 N., R. 110 W.

Chains

Land, *mountain and rolling*
 Soil, sandy, *loam* and stony; 2nd and 3rd rate.
 No timber.

N. $0^{\circ} 22'$ W. bet. secs. 22 and 23

Over rolling land.

Through dense undergrowth.

Ascend.

21.00 Top of ridge bears *N. 20° E. and S. 20° W.* and descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap

$\frac{1}{4}$ S. 22 on *N.* half and S. 23 on *E.* half;

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

47.50 Gulch course *N. 20° E.* and ascend.

60.00 Leave dense undergrowth *leave E. end N.*

75.00 Top of spur bears *N. 20° E. and S. 20° W.* and descend.

80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 22, 23, 24, and 25, marked on brass cap

T. 12 N. S. 25 in N. W., R. 110 W., Sec. 25 in N. E.,
 S. 23 in S. E. and S. 22 in S. W. quadrant;

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

Land, *rolling*

Soil, sandy *loam* and stony, 2nd and 3rd rate.

No timber

Resurvey of

Chains

Subdivision of Tn. 12th N., R. 11th W.

	S ^{89°58'} E., on a random line bet. secs. 11 and 23.
40.00	Set temp. 1/4 sec. cor.
80.02	Intersect N. and S. line, 27 fcs. S of cor. of secs. 13, 14, 23 and 24.
	Thence I run
	N ^{19°55'} W., on a true line bet. secs. 11 and 23.
	Over mountainous land.
	Ascend.
12.00	Top of spur bears N ⁴ and S ^E and descend.
36.56	Gulch course N ^{26°4'} and ascend.
40.51	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for 1/4 sec. cor., marked on brass cap.
	1/4 S. 11 on N half and S. 23 on S half;
	and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,
	27 of cor.
44.00	Top of spur bears N and S and descend.
48.70	Gulch course N and ascend.
	Leave mountainous land
	Enter rolling land bears N and S.
64.00	Point of spur falls N ^E and descend.
68.75	Gulch course N ^E and ascend.
80.02	The cor. of secs. 14, 15, 22 and 23.
	Land, mountainous
	Soil, sandy, loam, and stony, 2nd and 3rd rate.
	No timber.

September 6, 1909

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

September 7: At $7\frac{1}{2}$ s. m., 1 m. t., 1 set off
 41° 11' N. on the lat. arc; 6° 12' on the decl.
 arc; and determine a meridian with the solar, at the cor. of
 secs., 14, 15, 16 and 17.

Thence 1 run

N. 0° 02' W bet. secs. 14 and 15.

Over rolling land.

Descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., ¹⁶ 24 ins. in the
 and fine in mound of stone
 ground, for cor. marked on brass cap

N. S. 15 on N half and S. 15 on E half;

dig pits, 18x18x12 ins., N and O of post, 3 ft. dist
 and raise a mound of earth 3½ ft. base, 1½ ft. high

N of cor.

43.00 Ravine course N. and ascend.

Leave rolling land

Enter mountainous land bears E and N

Enter dense undergrowth bears E and N

45.50 Point of spur falls N. and descend.

48.00 Draw course N. and ascend.

49.00 Point of spur falls N. and descend.

50.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the
 ground, for cor. of secs. 10, 11, 12, and 13, marked
 on brass cap

T. 12 N., S. 10 in N. W., R. 10 W., S. 11 in N. E.,
 S. 14 in S. E., and S. 15 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, 1½ ft. high.

N. of cor.

Resurvey of

Chains

Subdivision of T¹ 1st N., R. 110 W.

Land, *mountainous and rolling*
 Soil, sandy, lean and stony; 2nd and 3rd rate,
 No timber.

Depart E., on a random line bet. secs. 11 and 1st 12

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

10.00 Intersect N. and S. line, 62 lks. $\frac{1}{4}$ of cor. of secs. 11, 12, 13 and 1st 12

Thence I run

N 59° 59' W., on a true line bet. secs. 11 and 1st 12

Over mountainous land

Ascend.

12.00 Top of ridge bears N 1/2 and S 1/2 and descend.
 Enter dense undergrowth bears N 1/2 and S 1/2

13.20 Ravine course N 70° N and ascend.

25.50 Top of spur bears N and S and descend.

31.50 Ravine course N and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S. 11 on N half and S. 1st on S half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 22 of cor.

50.00 Top of ridge bears N 1/2 and S 1/2 and descend.

64.80 Ravine course N 1/2 and ascend.

72.50 Top of spur bears N and S and descend.

80.00 The cor. of secs. 10, 11, 1st and 1st 12

Resurvey of

Subdivision of Twp. 12 N., R. 110 W.

Chains

Land, mountainous

Soil, sandy, loam and stony; 2nd and 3rd ^{and 4th} rate.

No timber.

September 7 : At this cor. I set off 6° 07' N. ✓
on the decl. arc; and observe the sun on the meridian; the
resulting lat. is 31° 12' N. ✓

N. 0° 02' W bet. secs. 10 and 11

Over mountainous land

Through dense undergrowth.

2.00 Leave mountainous land

Enter rolling land bears N E and O X.

3.70 Automobile road from N E and O X

4.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for 14 sec., cor., marked on brass cap

14 S. 10 on X half and S. 11 on E half;

dig pits, 18x18x12 ins., N and S of post, 3 ft. deep
and raise a mound of earth 3½ ft. base, 1½ ft. high

N of cor.

5.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the
and 12 ins. in mound of stone
ground, for cor. of secs. 8, 9, 10, and 11, marked
on brass capT. 12 N., S. 9 in N. W., R. 110 W., S. 7 in N. E.,
S. 11 in S. E., and S. 10 in S. W. quadrant;

and raise a mound of stone, 3 ft. base, 1½ ft. high,

N of cor.

Resurvey of
Subdivision of Tp. 11 N., R. 110 W.

Chains

Land, mountainous and rolling
Soil, sandy, barren and stony; 2nd and 3rd rate,
No timber.

189.57 E., on a random line bet. secs. 2 and 11

40.00 Set temp. 1/4 sec. cor.

50.06 Intersect N. and S. line, 62 lks. N of cor. of secs. 2, 11 and 12.

Thence I run

2189.58 W., on a true line bet. secs. 2 and 11.

Over mountainous land.

Ascend.

4.00 Automobile road bears N E and S E

15.00 Top of ridge bears N. and S. and descend.

15.40 Ravine course N. and ascend.

26.00 Top of ridge bears N. and S. and descend.

37.00 Draw course N. and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for 1/4 sec. cor., marked on brass cap.

1/4 S. 2 on N half and S. 11 on S half;

20 pgs. 18x18x12 ins., E and S. of post, 3 ft. dist;

1/4 raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high

N of cor. The area is situated on

Top of spur bears N. and S. and descend.

46.20 Draw course N E and ascend.

Over mountainous land

Resurvey of

Chams

Subdivision of Tp. 22 N., R. 110 W.

Enter rolling land bears *N 6° and 0.4*.Enter dense undergrowth bears *N 6° and 0.4*.

80.06 The cor. of secs. 8, 9, 10 and 11.

Land, *mountain and rolling*

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

N 0° 02' 31" on a random line bet. secs. 8 and 9.40.00 Set temp. $\frac{3}{4}$ sec. cor.79.98 Intersect the *N* bdy. of the Tp. at lns. — of the cor. of
secs. 8, 9, 10 and 11, previously established and described.

Thence I run

S 0° 02' 31" on a true line bet. secs. 8 and 9.

Over rolling land.

Through dense undergrowth.

8.00 Draw course *N 6°* and ascend.69.98 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S. 3 on *N* half and S. 2 on *E* half;and raise a mound of stone, 3 ft. base, $1\frac{1}{4}$ ft. high,*N* of cor.79.50 Road bears *N 6° and 0.4*.

79.98 The cor. of secs. 8, 9, 10 and 11.

Land, *rolling*

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

September 7, 1909

Resurvey of

Chains

Subdivision of T₁₂ N., R. 110 W.

September 9: At 8^h 45^m a. m., 1. m. to I set off
 21° 09' N. on the lat. arc; 5° 49' 37" on the decl.
 arc; and determine a meridian with the solar, at the cor. of
 secs. 27, 28, 29 and 30, on the S. by of the 2p
 previously established and described.

Thence I run

N. 0° 02' W bet. secs. 29 and 30.

Over mountainous land.

Descend.

9.25 Gulch course ^{DE} and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for 1/4 sec., cor., marked on brass cap

1/4 S. 23 on 1/4 half and S. 30 on 1/4 half;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,
 1/4 of cor.

55.75 Top of spur bears N. 1/4 and DE and descend.

65.00 Enter dense undergrowth bears N. 1/4 and DE

70.50 Gulch course ^E and ascend.

75.00 Leave dense undergrowth ^{here} N. 1/4 and DE

80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the
 and 14 ins. in mound of stone
 ground, for cor. of secs. 27, 28, 29, and 30, marked
 on brass cap

T₁₂ N., S. 28 in N. W., R. 110 W., S. 27 in N. E.,
 S. 30 in S. E., and S. 29 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,
 1/4 of cor.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

Land, *mountainous*Soil, sandy, loam and stony; *and 2d* 2d and 3d rate.

No timber.

East E., on a random line bet. secs. 27 and 31,
 1st temp. M sec. cor.

Intersect N. and S. line, 09 lts. 77 of cor. of secs. 26,
 27, 31 and 35.

Thence I run

N 89° 56' W., on a true line bet. secs. 27 and 31.

Over mountainous land.

Descend.

27.15 Gulch course *S.*

32.75 Auto. wheel road bears N and S

49.70 Gulch course *Sw-E.* and ascend.

Enter dense undergrowth bears N 15° 4' and S 15° 6'

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 round, for 1/2 sec. cor., marked on brass cap

1/4 S. 27 on N half and S. 31 on S half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

N. of cor.

41.75 Road bears N. 4' and S. E.

46.15 Leavedense undergrowth bears N 4' and S. E.

50.01 The cor. of secs. 27, 28, 33 and 31.

Land, *mountainous*.

Soil, sandy, loam and stony; *and 2d* 2d and 3d rate.

No timber.

Resurvey of

Claims

Subdivision of Tp. 12 N., R. 110 W.

September 5: At this cor. I set off $5^{\circ} 25'$ N., in the decl. arc; and observe the sun on the meridian; the resulting lat. is $41^{\circ} 10' 17''$

N. $0^{\circ} 02'$ W bet. secs. 27 and 28.

Over mountainous land.

Ascend.

15.00 Point of spur falls E and descend.

19.30 Gulch course NE and ascend.

Enter dense undergrowth bears $N. N. and NE$

20.00 Top of ridge bears NE and $N. N.$ and descend.

Leave mountainous land

Enter rolling land bears NE and $N. N.$

33.45 Leave dense undergrowth bears $N. N. and NE$

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap

$\frac{1}{4}$ S. 28 on $N.$ half and S. 27 on E half;

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

$N.$ of cor.

55.00 Enter dense undergrowth bears E and $N.$

50.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, marked on brass cap

T. 12 N., S. 21 in N. W., R. 110 W., S. 27 in N. E.,

S. 27 in S. E., and S. 28 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

$N.$ of cor.

Resurvey of

Chains

Subdivision of Tp. 1st N., R. 110 W.

Land, *mountainous and rolling* and 4th
 Soil, sandy, loam and stony; 2nd and 3rd rate.
 No timber.

Begin E., on a random line bet. secs. 22 and 27

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

80.00 Intersect N. and S. line, 0.9 lks. S of cor. of secs. 22,
 23, 24 and 27.

Thence I run

that W., on a true line bet. secs. 22 and 27.

Over rolling land.

Through dense undergrowth.

20.00 Automobile road bears N. 45° E. and S. 45° W.

20.93 Road bears N. 45° E. and S. 45° W.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S. 22 on N. half and S. 27 on S. half;

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{4}$ ft. high,

N. of cor. This cor. is situated on
 Top of ridge bears N. 45° E. and S. 45° W. and descend.
 50.00 The cor. of secs. 21, 22, 23 and 28.

Land, rolling

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

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Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

Land, mountainous and rolling and 4 ft.
Soil, sandy, loam and stony; 2nd and 3rd rate.
No timber.

0926 E., on a random line bet. secs. 22 and 27.

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

Intersect N. and S. line, 09 lks. S. of cor. of secs. 22;
23, 26 and 27.

Thence I run

that W., on a true line bet. secs. 22 and 27.

Over rolling land.

Though dense undergrowth.

Automobile road bears N. 15° E. and S. 15° W.

Road bears N. 15° E. and S. 15° W.

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S. 22 on N. half and S. 27 on S. half;

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,

N. of cor. This cor. is situated on
Top of ridge bears N. 15° E. and S. 15° W. and descend.
The cor. of secs. 21, 22, 27 and 28.

Land, rolling

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

Resurvey of

Chains

Subdivision of T₁₄ N., R₁₁₀ W.

N. 0° 02' W bet. secs. 21 and 22.

Over rolling land.

Through dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for 1/4 sec., cor., marked on brass cap

1/4 S. 21 on 1/4 half and S. 22 on 1/4 half;

for pile, 18x18x12 ins., N and S of post, 3 ft. dist;

and raise a mound of earth 3 1/4 ft. base, 1 1/4 ft. high

1/4 of cor.

44.00 Leave dense undergrowth *bear E and N*

67.00 Gulch course 22 1/2 and ascend.

Leave rolling land

Enter mountainous land *bear N E and S E*77.00 Top of spur *bear N E and S E* and descend.

80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 25, 16, 21, and 22, marked on brass cap

T₁₄ N., S. 1/4 in N. W., R₁₁₀ W., S. 1/4 in N. E.,

S. 22 in S. E., and S. 21 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,

1/4 of cor.

Land, *mountainous and rolling*Soil, sandy, *clay* loam and stony; *2nd and 3rd* rate.

No timber.

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 110 W.

	East E., on a random line bet. secs. 15 and 22.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line, at lks. $\frac{1}{2}$ of cor. of secs. 14, 15, 22 and 23.
	Thence I run
	West W., on a true line bet. secs. 15 and 22.
	Over rolling land.
19.30	Ravine course N and ascend.
	Leave rolling land
	Enter mountainous land bears N and S
21.10	Automobile road bears N and S
40.01	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S. 15 on N. half and S. 22 on S. half;
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
	N of cor.
55.00	Top of spur bears N and S. and descend.
74.30	Gulch course N and ascend.
76.09	Top of spur bears N and S. and descend.
80.02	The cor. of secs. 15, 16, 21 and 22.
	Land, mountainous and rolling
	Soil, sandy, loam and stony; 2nd and 3rd rate.
	No timber.

September 5, 1909

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 110 W.

September 9: At 8¹⁰ a. m., i. m. t., I set off
 11¹¹ N. on the lat. arc; 527 77 on the decl.
 arc; and determine a meridian with the solar, at the cor. of
 secs. 9, 10, 15, 21 and 22.

Thence I run

N. 0° 02' W. bet. secs. 15 and 16.

Over mountainous land.

Descend.

0.40 Ravine course NE and ascend.

14.00 Top of spur bears E and N and descend.

Enter dense undergrowth bears E and N.

19.70 Ravine course E and ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for 1/4 sec., cor., marked on brass cap

1/4 S. 16 on N. half and S. 15 on E. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

N. of cor. This cor. is situated on

Top of spur bears E and N and descend.

76.00 Leave mountainous land

Enter rolling land bears E and N.

80.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for cor. of secs. 9, 10, 15, and 16, marked
 on brass cap

T. 12 N., S. 9 in N. W., R. 110 W., S. 10 in N. E.,

S. 15 in S. E., and S. 16 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,

N. of cor.

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 110 W.

Land, *mountainous and rolling*
 Soil, sandy, loam and stony; ^{2nd and 3rd} ~~2nd and 3rd~~ rate.
 No timber.

Cont. E., on a random line bet. secs. 10 and 15.

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

50.00 Intersect N. and S. line, 0.5 lks. 27 of cor. of secs. 10
 11, 12 and 15.

Thence I run

77.89-05 W., on a true line bet. secs. 10 and 15.

Over mountainous land.

Through dense undergrowth.

Descend.

40.00 Automobile road from N. E. and O. H.

50.00 Draw course N. and ascend.

Leave mountainous land

Enter rolling land bears N. and O.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S. 10 on 27 half and S. 15 on 1 half;

dig pits, 18x18x12 ins., E and W of post, 3 ft. dia.
 and raise a mound of earth $3\frac{1}{4}$ ft. base, $1\frac{1}{4}$ ft. high
 N. of cor.

46.50 Draw course N.

70.00 Draw course N.

80.00 The cor. of secs. 9, 10, 14 and 15.

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 10 W.

Land, ~~mountain~~ and rolling
 Soil, sandy, ~~loam~~ and stony; 2nd and 3rd rate.
 No timber.

N. 0° 0' W bet. secs. 9 and 10.

Over rolling land.

Through dense undergrowth.

5.60 Draw course N. E.

13.50 Draw course E

32.70 Draw course E

40.00 Set an iron post, 3 ft. long, 1 in. in dia., ¹² 24 ins. in the
 and 12 ins. in ground of ~~stone~~
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S. 9 on N. half and S. 10 on E. half;

the pits, 18x18x12 ins., N. and E. of post, 3 ft. dist;

and $\frac{1}{4}$ S. a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high

N. of cor.

50.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the
 ground, for cor. of secs. 3, 4, 9, and 10, marked
 on brass cap

T. 14 N., S. 4 in N. W., R. 10 W., S. 3 in N. E.,

S. 10 in S. E., and S. 9 in S. W. quadrant;

the pits, 18x18x12 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, ~~loam~~ and stony; 2nd and 3rd rate.

No timber.

Resurvey of

Chains

Subdivision of T_p 11 N., R. 10 W.

September 9 : At this cor. I set off $5^{\circ}22'$ N. on the decl. arc; and observe the sun on the meridian; the resulting lat. is $41^{\circ}13'$ ✓

Corner E., on a random line bet. secs. 13 and 10.

40.00 Set temp. $\frac{3}{4}$ sec. cor.

79.98 Inter. of N. and S. line, 0.2 lks. of cor. of secs. ✓,

13 and 10.

Thence I run

$79^{\circ}59'$ W., on a true line bet. secs. 13 and 10.

Over rolling land.

Through dense undergrowth.

0.50 Road bears NE and S.

42.60 Draw course NE

79.99 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{3}{4}$ sec. cor., marked on brass cap

4 S. 13 on N. half and S. 10 on S. half;

dig pits, 18x18x12 ins., E and S of post, 3 ft. dist; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high

of cor.

79.98 The cor. of secs. 13, 10, 9 and 10.

Land, rolling.

Soil, sandy, brown and stony; 2nd and 3rd rate.

No timber.

Resurvey of

A. J. Harris

Subdivision of Tp. 14 N., R. 10 W.

710.02 $\frac{1}{2}$ on a random line bet. secs. 3 and 4.40.00 Set temp. $\frac{1}{4}$ sec. cor.50.00 Intersect the 71 bdy. of the Tp. as lks. $\frac{1}{2}$ of the cor. of
secs. 3, 4, 5 and 6, previously established and described.

Thence I run

South $\frac{1}{2}$ on a true line bet. secs. 3 and 4.

Over rolling land.

Through dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap.N. S. $\frac{1}{2}$ on $\frac{1}{2}$ half and S. 3 on E half;dig pits, 18x18x12 ins., N and S of post, 3 ft. dist;
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. $\frac{1}{2}$ of cor.

47.70 Road bears N E and S W.

60.00 The cor. of secs. 3, 4, 9 and 10.

Land, rolling.

Soil, sandy, ~~iron~~ and stony; 2nd and 3rd rate.

No timber.

September 9, 1909.

September 10: At 7⁴⁰ A.M., I set off
 11.09' N. $\frac{1}{2}$ on the lat. arc; 5.02' N. on the decl.
 arc; and determine a meridian with the solar, at the cor. of
 secs. 3, 4, 5, 9 and 10, on the S. lly. of the Tp.
 previously established and described.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

Thence I run

N. $0^{\circ} 00'$ W bet. secs. 32 and 33

Over mountainous land.

Through dense undergrowth,

Descend.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap $\frac{1}{4}$ S. 32 on $\frac{1}{4}$ half and S. 33 on $\frac{1}{4}$ half;and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, $\frac{1}{4}$ of cor.58.70 Gulch course $0^{\circ} 00'$ and ascend.Leave dense undergrowth. *Leave N. 1/2 and 0^{\circ} 00'*

80.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 32, 33, 34, and 35, marked on brass cap

T. 12 N., S. 33 in N. W., R. 10 W., S. 34 in N. E.,

S. 35 in S. E., and S. 34 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, $\frac{1}{4}$ of cor.Land, *mountainous*Soil, sandy, ~~lean~~ and stony; 2nd and 3rd rate.

No timber.

Resurvey of

Chains

Sub-division of Tp. 1st N., R. 110 W.

	East E., on a random line bet. secs. 28 and 33
40.00	Set temp. $\frac{1}{4}$ sec. cor.
29.94	Intersect N. and S. line, 07 lks. S of cor. of secs. 27, 28, 33 and 34
	Thence I run
	S 79° 57' W., on a true line bet. secs. 28 and 33
	Over mountainous land.
	Ascend.
22.25	Point of spur falls and descend.
24.80	Gulch course S E and ascend.
31.00	Top of spur bears N. E. and S E and descend.
39.97	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap
	$\frac{1}{4}$ S. 28 on N half and S. 33 and 34 half;
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{4}$ ft. high,
	N of cor.
29.94	The cor. of secs. 28, 29, 32 and 33.
	Land, mountainous
	Soil, sandy, ^{clay} loam and stony; 2nd and 3rd rate.
	No timber.
	N. 0° 03' W bet. secs. 28 and 29
	Over mountainous land
	Ascend.
10.00	Enter dense undergrowth bears East N.
32.00	Leave dense undergrowth bears East N.

Resurvey of

Chains

Subdivision of Tp. 4 N., R. 110 W.

- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S. 29 on $\frac{1}{4}$ half and S. 28 on $\frac{1}{4}$ half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high,
 $\frac{1}{4}$ of cor.
September 10. The sky being overcast at noon I am unable to make observations for latitude.
- 47.00 Top of ridge bears N. $\frac{1}{4}$ and S. E. and descend.
 Leave mountainous land
 Enter rolling land bears N. $\frac{1}{4}$ and S. E.
- 50.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 20, 21, 28, and 29, marked on brass cap
 T. 14 N., S. 20 in N. W., R. 110 W., S. 21 in N. E., S. 28 in S. E., and S. 29 in S. W. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high,
 $\frac{1}{4}$ of cor.
 Land, mountainous and rolling
 Soil, sandy, ~~loam~~ and stony; 2nd and 3rd rate.
 No timber.
- 50.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect N. and S. line, 12 lks. N. of cor. of secs. 21, 22, 27 and 28.
 Thence I run
 N. 29° 28' W., on a true line bet. secs. 21 and 28
 Over rolling land

Resurvey of

Chains

Subdivision of Tp 12 N., R. 10 W.

- Through dense undergrowth.
- 59.7.6 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for 14 sec., cor., marked on brass cap
N. S. 21 on N half and S. 21 on E half;
and raise a mound of stone, 2 ft. base, 1 3/4 ft. high,
N. of cor.
- 59.8.5 Draw course N E
- 60.0.0 Leave dense undergrowth *leave N and S*
- 79.8.8 The cor. of secs. 20, 21, 22 and 23.
Land, rolling
Soil, sandy, loam and stony; 2nd and 3rd rate,
No timber.
- N. O^o 20 W bet. secs. 20 and 21
Over rolling land.
- 8.0.0 Enter dense undergrowth bears N E and N
- 14.0.0 Draw course N E and ascend
- 40.0.0 Set an iron post, 3 ft. long, 1 in. in dia., ¹²24 ins. in the ground, *and raise a mound of stone* for 14 sec., cor., marked on brass cap
1/4 S. 20 on N half and S. 21 on E half;
and raise a mound of stone, 2 ft. base, 1 3/4 ft. high,
N. of cor.
- 50.0.0 Top of spur bears E and N and descend.
Leave rolling land and dense undergrowth
Enter mountainous land bears E and N
- 61.5.0 Gulch course N E and ascend.

Chains

Resurvey of
Subdivision of T_{p. 12} N., R. 110 W.

50.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, with a brass cap.

T. 12 N., S. 17 in N. W., R. 110 W., S. 16 in N. E., S. 21 in S. E., and S. 20 in S. W. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, at cor.

Land, *mountainous and rolling*
Soil, *sandy, ^{clay} and stony*; 2nd and 3rd rate.
No timber.

September 10, 1907.

September 11. At 8⁰⁰ a. m., 1 m. t., I set off *11° 11'* N. on the lat. arc; *11° 22'* on the decl. arc; and determine a meridian with the solar, at the cor. of secs., 16, 17, 20 and 21.

Thence I run

89° 50' E., on a random line bet. secs. 16 and 21.

60.00 Set temp. ¼ sec. cor.

79.92 Intersect N. and S. line, 0.5 lks. N of cor. of secs. 16, 21 and 22.

Thence I run

89° 56' W., on a true line bet. secs. 16 and 21.

Over mountainous land.

Descend.

8.50 Enter dense undergrowth; bears N and S.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 110 W.

- 1.05 Gulch course *N 50° E* and ascend.
- 20.00 Leave dense undergrowth *Leave N and S*
- 39.97 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap
 $\frac{1}{4}$ S. 16 on *N* half and S. 21 on *S* half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N of cor.
- 79.74 The cor. of secs. 16, 17, 20 and 21.
 Land, ~~mountainous~~
 Soil, sandy, ^{clay} loam and stony; 2nd and 3rd rate.
 No timber.
- N. 0° 05' W bet. secs. 16 and 17.
 Over mountainous land.
 Ascend.
- 20.00 Top of spur bears *N E and S W* and descend.
 Leave mountainous land
 Enter rolling land bears *N E and S W*
 Enter dense undergrowth bears *N E and S W*
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap
 $\frac{1}{4}$ S. 17 on *N* half and S. 16 on *E* half;
 dig pits, 18x18x12 ins., *N* and *S* of post, 3 ft. dist;
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high
N of cor.
- 45.70 Gulch course *N 50° E*

Resurvey of

Chains

Subdivision of T_{p. 14} N., R. 10 W.

50.00 Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, marked on brass cap

T. 14 N., S. 8 in N. W., R. 10 W., S. 9 in N. E., S. 16 in S. E., and S. 17 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, 1½ ft. high,

N. of cor.

Land, *mountainous and rolling*
Soil, sandy, ^{clay} ~~heavy~~ and stony; 2nd and 3rd rate.
No timber.

Draw E., on a random line bet. secs. 9 and 16

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N. and S. line, 09 lks. *77* of cor. of secs. 9, 10, 16 and 17.

Thence I ran

77-52 W., on a true line bet. secs. 9 and 16

Over rolling land.

Through dense undergrowth.

9.70 Draw course *NE*

03.50 Draw course *NE*

05.95 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for ¼ sec., cor. marked on brass cap

¼ S. 7 on *77* half and S. 16 on *2* half;

dig pits, 18x18x12 ins., *E* and *N*. of post, 3 ft. dia. and raise a mound of earth 3½ ft. base, 1½ ft. high

77 of cor.

Resurvey of

Chains

Subdivision of T₁ 1st N., R. 110 W.

16.50	Draw course $N 80^{\circ} E$
79.90	The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, sandy, loam and stony; 2nd and 3rd rate. No timber. ✓
	Sept. 1st 11: At this cor. I set off $\approx 27'$ N., in the decl. Arc; and observe the sun on the meridian; the resulting lat. is $41^{\circ} 12' N$ ✓
	N. $0^{\circ} 05'$ W bet. secs. 8 and 9. Over rolling land. Through dense undergrowth.
27.50	Little Dry Creek with the water; 3rd deep, course $N 8^{\circ} E$
40.00	Set an iron post, 3 ft. long, 1 in. in dia., $24 \frac{16}{16}$ ins. in the and 8 ins. in mound of stone ground, for $\frac{1}{4}$ sec., cor., marked on brass cap. $\frac{1}{4}$ S. 8 on N half and S. 9 on E half; dig pits, $18 \times 18 \times 12$ ins., N and S of post, 3 ft. dist; and raise a mound of earth $3 \frac{1}{2}$ ft. base, $1 \frac{1}{2}$ ft. high N of cor. Road bears $N E$ and $D N$.
50.00	Set an iron post, 3 ft. long, 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 14, 15, 16, and 17, marked on brass cap. T. 1st N., S. 1st in N. W., R. 110 W., S. 2nd in N. E., S. 3rd in S. E., and S. 4th in S. W. quadrant; and raise a mound of stone, 2 ft. base, $1 \frac{1}{2}$ ft. high. N of cor.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 110 W.

Land, rolling

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

S 89° 52' E., on a random line bet. secs. 1 and 9

40.00 Set temp. $\frac{3}{4}$ sec. cor.

79.98 Intersect N. and S. line, 0.2 lks. N of cor. of secs. 1, 9 and 10.

Thence I run

N 89° 51' W., on a true line bet. secs. 1 and 9

Over rolling land.

Through dense undergrowth.

31.90 Road bears N E and S W.

59.99 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S. 1 on N half and S. 9 on S. half;and raise a mound of stone, 2 ft. base, 1 $\frac{1}{4}$ ft. high,

N. of cor.

51.40 Little Dry Creek on the north, 300 deep across N E

79.98 The cor. of secs. 1, 5, 8 and 9

Land, rolling

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 110 W.

- 70.00 *N* on a random line bet. secs. 1 and 5.
- 40.00 Set temp. $\frac{3}{4}$ sec. cor.
- 80.10 Intersect the *N* bdy. of the Tp. 0.7 lks. *N* of the cor. of secs. 1, 5, 32 and 33, previously established and described.
- Thence I run
- S* on a true line bet. secs. 1 and 5.
- Over rolling land.
- 40.10 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
- $\frac{1}{4}$ S. 5 on *N* half and S. 1 on *E* half;
- dig pits, 18x18x12 ins., *N* and *S* of post, 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 Enter dense undergrowth bears *E* and *N*
- 70.60 Cross the ridge; 4 in. deep, corner *N* to
- 80.10 The cor. of secs. 1, 5, 8 and 9.
- Land, rolling
- Soil, sandy, loam and stony; 2nd and 3rd ^{and 4th} rate.
- No timber.

September 11, 1909.

September 12: At 7 hr. a. m., 1 m. t. I set off

41.00 *N* on the lat. arc; 42.50 *N* on the decl.

arc; and determine a meridian with the solar, at the cor. of

secs. 5, 6, 31 and 32, on the *S* bdy. of the Tp.

previously established and described.

Thence I run

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 10 W.

N. 0° $02'$ W bet. secs. 31 and 32.

Over mountainous land.

Through dense undergrowth; ascend.

37.00 Top of ridge bears $N 41^{\circ} 10' E$ and descend.40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S. $31'$ on $\frac{1}{4}$ half and S. $32'$ on $\frac{1}{4}$ half;and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high, $\frac{1}{4}$ of cor.76.50 Gulch course 0° and ascend.

80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, marked on brass cap

T. 14 N., S. 30 in N. W., R. 10 W., S. 29 in N. E.,

S. 32 in S. E., and S. 31 in S. W. quadrant;

and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high, $\frac{1}{4}$ of cor.

Land, mountainous

Soil, sandy, ^{clay} loam and stony; 2nd and 3rd ^{and 4th} rate.

No timber.

East $\frac{1}{4}$ on a random line bet. secs. 29 and 32.40.00 Set temp. $\frac{1}{4}$ sec. cor.79.94 Run N. and S. line, 67 lks. $\frac{1}{4}$ of cor. of secs. 28, 29, 30, 31, and 32.

Thence I run

S. $84^{\circ} 57'$ W. on a true line bet. secs. 29 and 32.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

	Over mountainous land.
	Descend.
7.55	Gulch course <i>SE</i> and ascend.
	Enter dense undergrowth bears <i>NH and SE</i>
20.00	Point of spur falls <i>S</i> and descend.
26.25	Gulch course <i>SE</i> and ascend.
49.97	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S. 27 on <i>N</i> half and S. 32 on <i>S</i> half;
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{4}$ ft. high.
	<i>N. of cor.</i>
40.20	Leave dense undergrowth <i>Leave N and S</i>
56.00	Top of ridge bears <i>NH and SE</i> and descend.
79.91	The cor. of secs. 29, 30, 31 and 32.
	land, <i>mountainous</i>
	Soil, sandy, lean and <i>and SE</i> many; 2nd and 3rd rate.
	No timber.
	<i>Run</i> on a random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.00	Intersect the <i>N</i> bdy. of the Tp. 07 lks. <i>S</i> of the cor. of
	secs. 25, 30, 31 and 36, previously established and describes
	Thence I run
	<i>S 19.57 E</i> on a true line bet. secs. 30 and 31.
	Over mountainous land
	Ascend.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 110 W.

- 20.00 Top of spur bears *N. 41° and 0° E* and descend.
- 22.00 Gulch course *0° E* and ascend.
- 22.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{2}$ sec., cor., marked on brass cap
- $\frac{1}{2}$ S. 40 on *N* half and S. 37 on *0* half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N of cor.
- 45.00 Top of ridge bears *N. 41° and 0° E* and descend.
- 76.25 Gulch course *0° E* and ascend.
- 79.00 The cor. of secs. 29, 30, 31 and 32
- Land, ~~mountainous~~
Soil, sandy, ^{clay} loam and stony; 2nd and 3rd ^{and 4th} rate.
- No timber.
- September 17* : At this cor. I set off $41^{\circ} 16'$ $\swarrow$
on the decl. arc; and observe the sun on the meridian; the
resulting lat. is $41^{\circ} 10' 37''$
- N. $0^{\circ} 05'$ W bet. secs. 29 and 30
- Over mountainous land.
- Ascend.
- 28.00 Top of ridge bears *E and N* and descend.
- 40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{2}$ sec., cor., marked on brass cap
- $\frac{1}{2}$ S. 30 on *N* half and S. 29 on *E* half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N of cor.

Resurvey of

Chains

Subdivision of T_p. 14 N., R. 110 W.

46.00	Ravine course <i>E</i> and ascend.
53.00	Top of ridge bears <i>NN and NE</i> and descend.
60.70	Ravine course <i>NE</i> and ascend.
67.00	Top of spur bears <i>NN and NE</i> and descend.
74.30	Ravine course <i>NE</i> and ascend.
79.50	Top of spur bears <i>E and N.</i> and descend.
80.00	Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the round, for cor. of secs. 19, 20, 27, and 28, marked a brass cap T _p . 14 N., S. 19 in N. W., R. 110 W., S. 20 in N. E., S. 27 in S. E., and S. 28 in S. W. quadrant; and raise a mound of stone, 2 ft. base, 1 1/4 ft. high, <i>N</i> of cor. Land, mainly <i>clay</i> Soil, sandy, loam <i>all</i> and stony, 2nd and 3rd rate, No timber.
89.50	<i>NN and E</i> , on a random line bet. secs. 20 and 27 Set temp. M sec. cor.
99.91	Intersect N. and S. line, 27 lks. <i>NN</i> of cor. of secs. 20, 27, 28, and 29. Thence I run <i>West</i> <i>W</i> , on a true line bet. secs. 20 and 29. Over rolling land.
100	Enter dense undergrowth bears <i>NN and E</i>
16.20	Draw course <i>NE</i> and ascend.

Resurvey of

Subdivision of Tp. 16 N., R. 10 W.

Chains

- 47.00 Leave dense undergrowth *Leave N and S*
- 39.99 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S. 20 on N half and S. 29 on S half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N of cor.
- 77.00 Leave rolling land
 Enter mountainous land bears *N N and S E*
 Ascend abruptly
- 29.98 The cor. of secs. 19, 20, 29 and 30.
 Land, *mountainous and rolling*
 Soil, sandy, ^{very} loamy and stony; ~~2nd rate~~ ^{and 3d} rate.
 No timber.
- 29.99 S* on a random line bet. secs. 19 and 30.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 22.84 Intersect the *S* bdy. of *11* Tp. 16 N., S. of the cor. of
 secs. 19, 20, 29 and 30.
 Thence I run
29.99 S on a true line bet. secs. 19 and 30.
 Over mountainous land.
 Ascend.
- 18.00 Top of ridge bears *N N and S E* and descend.
- 35.84 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 $\frac{1}{4}$ S. 19 on N half and S. 30 on S half;

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 110 W.

dig pits, 18x18x12 ins., E and N of post, 3 ft. dist.
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high.

N of cor.

78.82

The cor. of secs. 19, 20, 29 and 30.

Land, *mountainous*

Soil, sandy, ^{slay} ~~loam~~ and stony; ~~2nd~~ and ^{and 4th} 3rd rate.

No timber.

September 12, 1909.

September 13. At 8¹⁰ a.m., L. M. T., I set off
on the lat. arc, $55^{\circ} 56' 27''$ on the decl.
arc; and determine a meridian with the solar, at the cor. of
secs. 19, 20, 29 and 30.

Thence I run

N. $0^{\circ} 01' W$ bet. secs. 19 and 20.

Over mountainous land.

Descent abruptly.

78.40

Road bears E and N .

88.90

Gulch course $N E$ and ascend.

Enter dense undergrowth bears $N E$ and $0 N$

100.00

Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
ground, for $\frac{1}{4}$ sec., cor., marked on brass cap

$\frac{1}{4}$ S. 19 on N half and S. 20 on E half;

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

N of cor.

50.00

Point of spur falls $N E$ and descend.

Resurvey of

Chains

Subdivision of Twp. 24 N., R. 110 W.

- 54.00 Leave dense undergrowth *low E. and N.*
 57.50 *Dance* Gulch course *NE* and ascend.
 60.70 Point of spur falls *NE* and descend.
 63.25 *Dance* Gulch course *NE*
 63.50 *Dance* Gulch course *NE*
 64.55 *Dance* Gulch course *NE* and ascend.
 70.00 Point of spur falls *NE* and descend.
 75.00 Gulch course *NE* and ascend.
 80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground; for cor. of secs. 17, 18, 19, and 20, marked on brass cap
 T. 24 N., S. 18 in N. W., R. 110 W., S. 17 in N. E., S. 20 in S. E., and S. 19 in S. W. quadrant;
 and raise a mound of stone, 2 ft. base, 1 3/4 ft. high,
 N. of cor.
 Land, *mainly* *clay* *all*
 soil, sandy, *lean* and stony; 2nd and 3rd rate.
 No timber.

E. to E., on a random line bet. secs. 17 and 20

- 40.00 Set temp. 3/4 sec. cor.
 79.98 Intersect N. and S. line, 0.9 lks. *NE* of cor. of secs. 16, 17, 20 and 21.

Thence I run

NE to W., on a true line bet. secs. 17 and 20.

Over mountainous land.

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 10 W.

	Ascend.
11.00	Top of spur bears <i>N E and D H</i> and descend.
11.00	Gulch course <i>N H</i> and ascend.
16.00	Top of spur bears <i>N H and D E</i> and descend.
20.80	Gulch course <i>N H</i> and ascend.
37.00	Top of spur bears <i>N H and D E</i> and descend.
39.99	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap $\frac{1}{4}$ S. 17 on <i>N</i> half and S. 20 on <i>D</i> half; and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high, <i>N</i> of cor.
45.00	Gulch course <i>N H</i> and ascend.
57.00	Top of spur bears <i>N H and D E</i> and descend.
62.30	Gulch course <i>N H</i> and ascend.
73.00	Point of spur falls <i>N H</i> and descend.
77.50	Gulch course <i>N H</i> and ascend.
79.98	The cor. of secs. 17, 18, 19 and 20. Land, <i>mountain</i> <i>clay</i> Soil, sandy, loam and stony; 2nd and 3rd rate, No timber.
	<i>N 89.50 W</i> on a random line bet. secs. 18 and 19.
10.00	Set temp. $\frac{1}{4}$ sec. cor.
78.70	Intersect the <i>H</i> bdy. of the Tp. 14 N. lks. <i>N</i> of the cor. of secs. 13, 18, 19 and 20, previously established and describe Thence I run <i>D 89.50 E</i> on a true line bet. secs. 18 and 19.

Resurvey of

Chains

Subdivision of Tp. 14 N., R. 110 W.

Over rolling land.

Through dense undergrowth.

8.00 Leave dense undergrowth *bears N and O*35.70 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec., cor., marked on brass cap $\frac{1}{4}$ S. 18 on N half and S. 19 on O half;and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,

N of cor.

39.55 Little Dry Creek 20 ft. wide, 3 in. deep, runs N E and around

26.00 Point of spur falls N E and descend.

Leave rolling land

Enter mountainous land bears N E and O A

28.70 The cor. of secs. 17, 18, 19 and 20.

Land, ~~mountainous~~ and rolling

Soil, sandy, loam and stony; 2nd and 3rd rate

No timber.

September, 1831. At this cor. I set off $32^{\circ} 51'$ N. on the decl. arc; and observe the sun on the meridian; the resulting lat. is $41^{\circ} 11' N$

N. $0^{\circ} 02'$ W bet. secs. 17 and 18

Over mountainous land.

Descend.

20.00 Leave mountainous land

Enter rolling land bears N E and O A

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

16.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for th sec. cor., marked on brass cap

N. S. 18 on N. half and S. 17 on E. half;

and raise a mound of stone, 2 ft. base, 1 1/4 ft. high,

N. of cor.

16.65 Little Dry Creek on the side, dry course N. E.

20.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, marked on brass cap

T. 12 N., S. 7 in N. W., R. 10 W., S. 8 in N. E.,

S. 17 in S. E., and S. 18 in S. W. quadrant;

Dig pits, 18x18x12 ins. in each sec., 5 1/4 ft. deep, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, mountainous and rolling;

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

89° 56' E., on a random line bet. secs. 8 and 17,

20.00 Set temp. N. sec. cor.

20.25 Intersect N. and S. line, at N. E. cor. of secs. 8, 9, 16 and 17,

Thence 1 run

2789° 56' W., on a true line bet. secs. 8 and 17.

Over rolling land.

Through dense undergrowth.

20.50 Little Dry Creek on the side, dry course N. E.

Resurvey of

Chains

Subdivision of T_p 1st N., R 110 W.

40.01 Set an iron post, 3 ft. long, 1 in. in dia., $2\frac{1}{2}$ ins. in the
 and 6 in. in mound of stone
 ground, for $\frac{1}{4}$ sec., cor., marked on brass cap
 $\frac{1}{4}$ S. E. on N half and S. 1/2 on S half;
 dig pits, 18x18x12 ins., E and W of post, 3 ft. dist
 and raise a mound of earth $3\frac{1}{4}$ ft. base, $1\frac{1}{4}$ ft. high
 N of cor.

80.02 The cor. of secs. 7, 8, 17 and 18
 Land, rolling
 Soil, sandy, ~~loam~~ and stony; 2nd and 3rd rate.
 No timber.

September 13, 1909

September 13. At 5⁰⁰ a. m., l. m. t., I set off
 $110^{\circ}12'$ N. on the lat. arc; $3^{\circ}03'N$ on the decl.
 arc; and determine a meridian with the solar at the cor. of
 secs. 7, 8, 17 and 18

Thence I run

N. $89^{\circ}02'$ E on a random line bet. secs. 7 and 18.40.00 Set temp. $\frac{1}{4}$ sec. cor.

20.00 Intersect the E bdy. of the Tp. or lls. S. of the cor. of
 secs. 7, 8, 17 and 18, previously established and described.

Thence I run

S. $89^{\circ}02'$ E on a true line bet. secs. 7 and 18.

Over rolling land.

00.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the
 ground, for $\frac{1}{4}$ sec., cor., marked on brass cap

Resurvey of
 Subdivision of T^p. 12 N., R. 110 W.

Chains

$\frac{1}{4}$ S. 7 on N half and S. 11 on E half;
 dig pits, 18x18x12 ins., 6" and 3" of post, 3 ft. dist;
 and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{4}$ ft. high

N of cor.

65.40 Road bears N.E. and S.W.

78.55 The cor. of secs. 7, 8, 17 and 18.

Land, rolling

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

N. 0° 02' W bet. secs. 7 and 8

Over rolling land.

9.10 Road bears N.E. and S.W.

131.75 Dry wash course N.E.

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S. 7 on E half and S. 8 on E half;and raise a mound of stone, 2 ft. base, 1 $\frac{1}{4}$ ft. high,

E of cor.

80.00 Set an iron post, 3 ft. long; 2 ins. in dia., 24 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, marked on brass cap

T. 12 N., S. 6 in N. W., R. 110 W., S. 5 in N. E.,
 S. 8 in S. E., and S. 7 in S. W. quadrant;and raise a mound of stone, 2 ft. base, 1 $\frac{1}{4}$ ft. high,

N. of cor.

Resurvey of

Chains

Subdivision of Tp. 11 N., R. 110 W.

Land, rolling.

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

September 1881. At this cor. I set off $30^{\circ} 28'$ N. on the decl. arc; and observe the sun on the meridian; the resulting lat. is $41^{\circ} 03'$ N.

Depart E., on a random line bet. secs. 5 and 8

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

80.00 Intersect N. and S. line, at lks. *th.* of cor. of secs. 5, 6 and 8.

Thence I run

N. 89-56 W., on a true line bet. secs. 5 and 8

Over rolling land.

Through dense undergrowth

3.10 *Run with a line, some deep, comes N. E.*
Leave dense undergrowth before N. End of 18

40.00 Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the end 6 in. in mound of stone ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

 $\frac{1}{4}$ S. 5 on N. half and S. 8 on E. half;and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

N. of cor.

80.00 The cor. of secs. 5, 6, 7 and 8

Land, rolling.

Soil, sandy, loam and stony; 2nd and 3rd rate.

No timber.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

	<i>N 89° 02' E</i> on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
70.00	Intersect the <i>N</i> bdy. of the Tp. 09 lks. <i>O</i> of the cor. of secs. 1, 6, 7 and 12, <i>p</i> previously established and described. Thence I run <i>O 89° 00' E</i> on a true line bet. secs. 6 and 7. Over rolling land.
74.00	Draw course <i>N. E.</i>
80.00	Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap <i>N</i> S. 6 on <i>N</i> half and S. 7 on <i>O</i> half; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{4}$ ft. high, <i>N</i> of cap.
78.00	The cor. of secs. 5, 6, 7 and 8. Land, rolling Soil, sandy, loam and stony; 2nd and 3rd rate. No timber.
	<i>N 89° 02' E</i> on a random line bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.20	Intersect the <i>N</i> bdy. of the Tp. 16 lks. <i>N</i> of the cor. of secs. 5, 6, 7 and 8, <i>p</i> previously established and described. Thence I run <i>O 89° 00' E</i> on a true line bet. secs. 5 and 6. Over rolling land.

Resurvey of

Chains

Subdivision of Tp. 12 N., R. 10 W.

No. 70. Set an iron post, 3 ft. long, 1 in. in dia., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 14 S. c on N. half and S. c on E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{4}$ ft. high,
 N. of cor.

No. 70. The cor. of secs. 5, 6, 7 and 8.
 Land, rolling
 Soil, sandy, loam and stony; 2nd and 3rd rate.
 No timber.

September 1st, 1909

Explanation regarding the survey of private land claims.

There are no occupants or improvements on school
 secs. 16 and 36, and they are therefore surveyed regularly.

General Description.

The land contained in the township is mountainous
 and rolling. In parts the surface is covered with a
 dense growth of sage brush. The greater portion of the
 township is timber and mostly pine. A small creek car-
 rying a limited amount of water flows through the
 N. E. central portion of the township. No settlements in the town-
 ship.

Wesley E. Saper

U. S. Deputy Surveyor.

Chains

Resurvey of

Subdivision of Tp. 1st N., R. 110 W.

Names and duties of assistants.

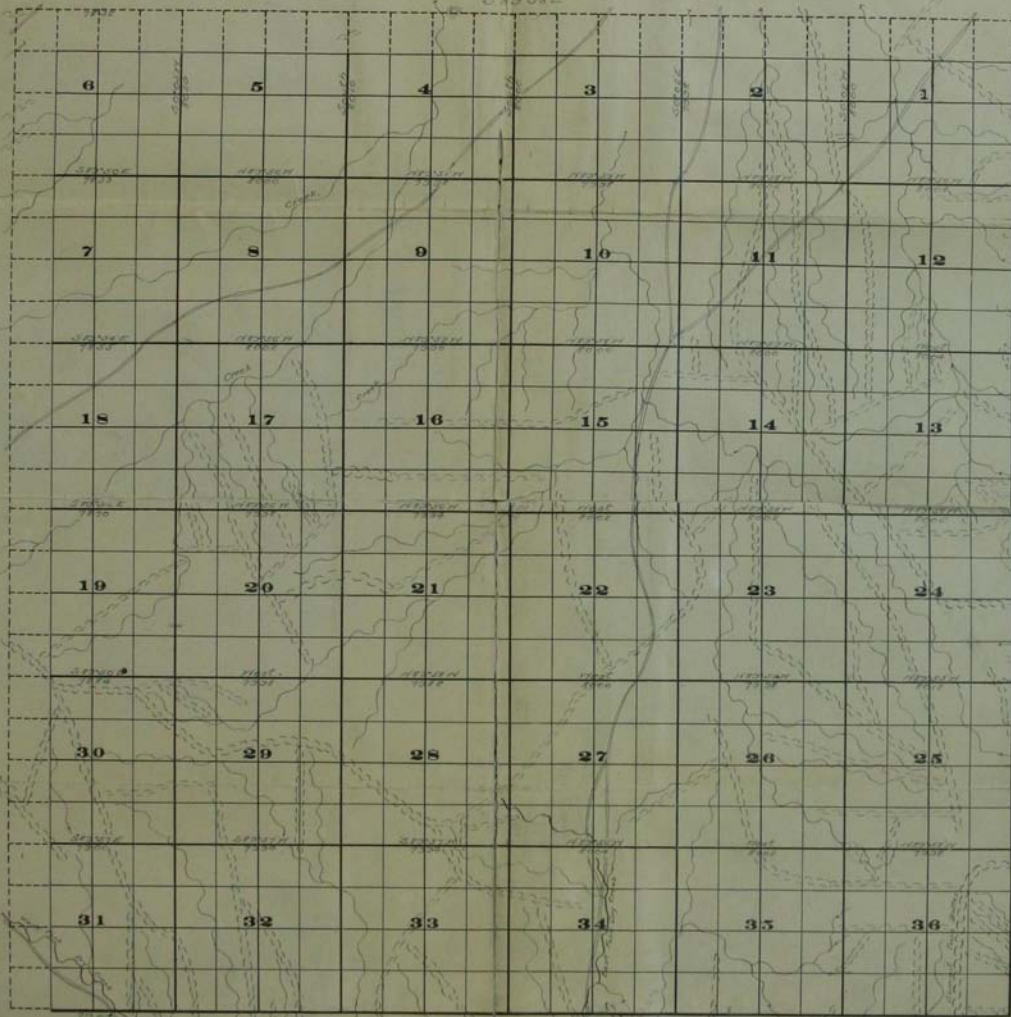
Lester Spence	Chainsman
Frank Henry Woodward	Chainsman
George C. Hudson	Measurer

Final affidavits in Book 12.

For next complete list of instruments see Book 7.

Township 14 North Range 110 West.

SARRE



U. S. Surveyor-General's Office,

CHEYENNE, WYOMING,

347
336
January 22, 1912.

The foregoing Field Notes of the ^rsurveys of the

subdivision lines of

Township 14 North.

Range 110

West of the Sixth Principal Meridian in the State of Wyo-

ming, executed by Adams & Saxon

U. S. Deputy Surveyors under their contract

No. 335 dated June 8, 1909

having been critically examined and the necessary correc-

tions and explanations made, the said Field Notes and the

surveys they describe are hereby approved.

Stephen P. Hanson

U. S. Surveyor-General for Wyoming.

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