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Subdivisional

2599

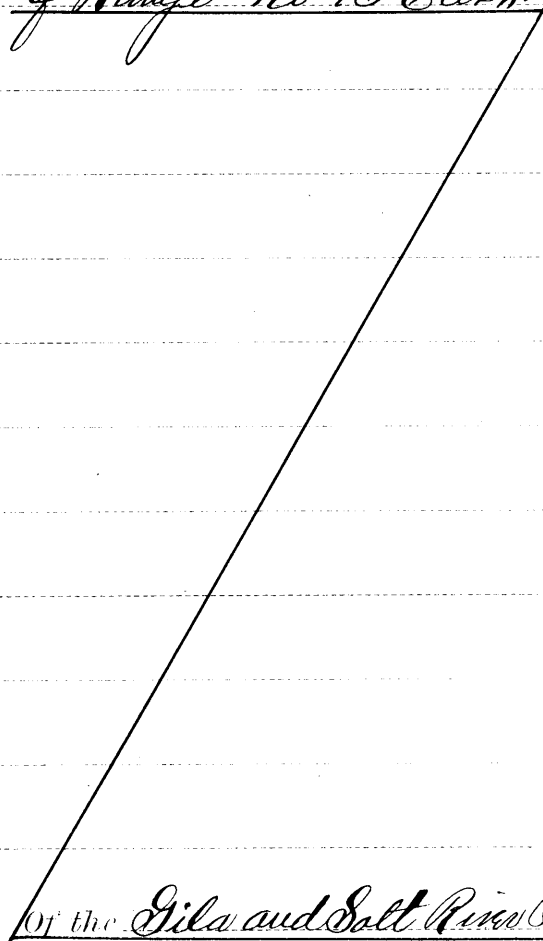
BOOK U

FIELD NOTES

BOOK 2599

OF THE SURVEY OF THE

Subdivision lines of Township No. 30 North
of Range No. 15 East.



Of the Gila and Salt River Basins and Meridian,

in the Territory of Arizona

EXECUTED
AS SURVEYED BY

Ordway E. Blouh, United States Examiner of Surveys
Deputy Surveyor

Special Instructions from the Commissioner of the General Land Office
Under ~~his Contract No.~~ dated October 2nd 1907 and May 15th 1908

Survey commenced May 14th 1907

Survey completed May 23rd 1907

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BOOK 2599

NAMES AND DUTIES OF ASSISTANTS.

Paul White

Compassman

Lafayette Jennings

Chairman

Chas. L. Shumway

Chairman

Fred L. Warner

Woundman

Arthur A. Beard

Woman

Jay E. Jellick

Flagman

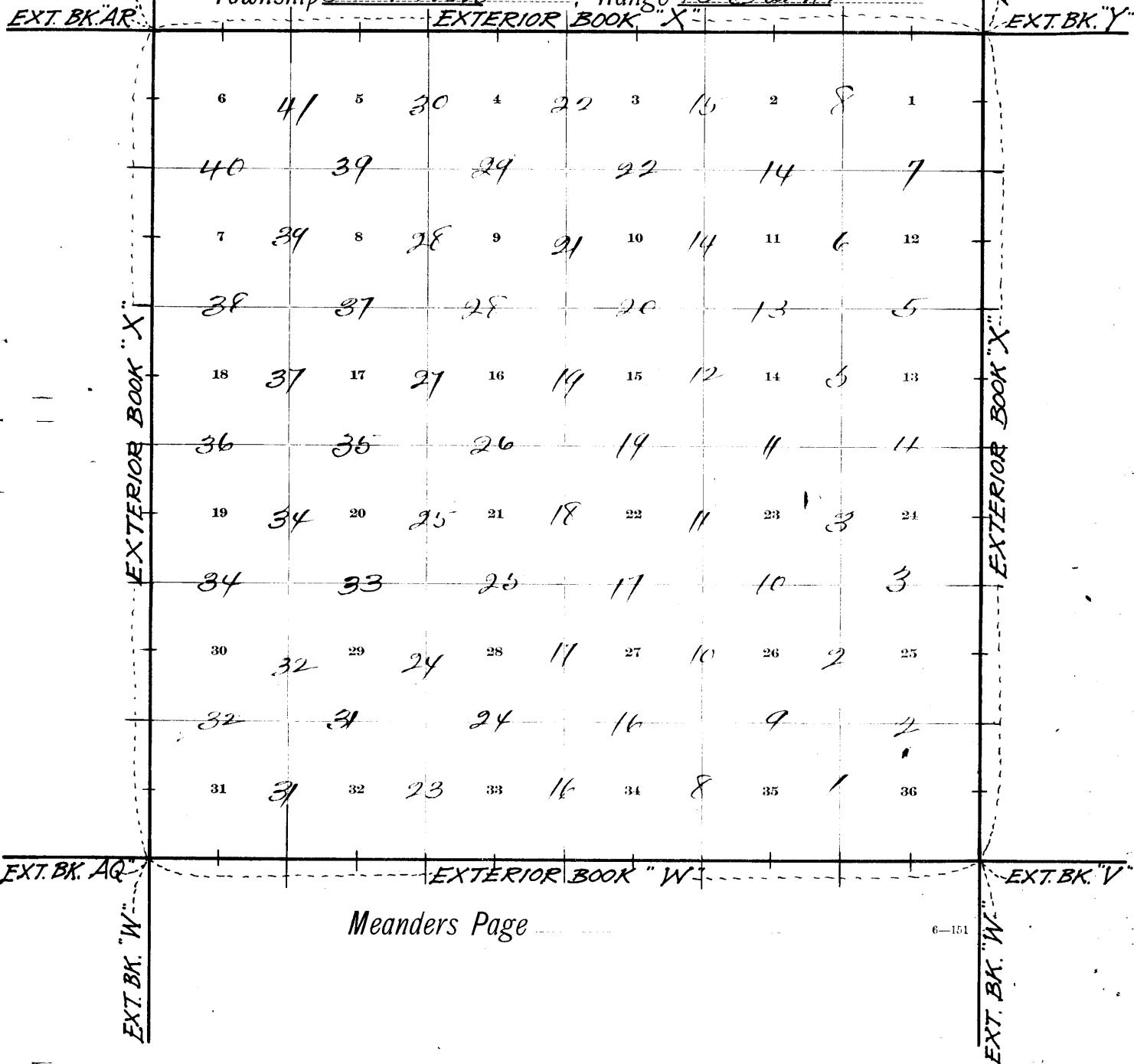
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BOOK 2599

Book No. 2599

INDEX DIAGRAM.

Township 30 North Range 15 East



PRELIMINARY OATHS OF ASSISTANTS.

See Subdivisional Book "M"

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; 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 distances 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 _____

_____, Chainman.

_____, Chainman.

BOOK 2599

Subscribed and sworn to before me this _____ }
day of _____, 19 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____ }
day of _____, 19 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of _____

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____ }
day of _____, 19 _____ }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____ }
day of _____, 19 _____ }



Chains

75.00 Top of sand ridge toward N.E. and S.W. desc. gently over N.W. slope

80.00 Set an iron post. 3 ft. long 2 in. in diam. 24 ins. in the ground for cor. of sec. 23, 24, 25 and 26 marked on brass cap T 30 N, S 23 in NW, R 15 E S 24 in NE, S 25 in SE and S 26 in S.W. quadrant.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land rolling.
Soil sandy 2nd and 3rd rate.
No timber

N 89° 59' E on a random line bet. sec. 24 and 25

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect E bdy. of Twp. 2 lks. N. of the cor. of sec. 19, 24, 25 and 30. ^{recently established and described in Exhibit Book "X"} Thence S run

Wash. on a true line bet. sec. 24 and 25

Over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.

39.96 Set an iron post. 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 24 on N. half and S 25 on S. half.

Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft. dist. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.

At this cor. Obs. off. 18° 37' N. on the decl. arc, and at 11^h 56^m 11^{sec} am. l.m.t. observe the sun on the meridian and obtain on the lab. arc. a reading of 35° 58' 1/2 N.

79.92 The cor. of sec. 23, 24, 25 and 26, heretofore described

Land rolling.
Soil sandy 2nd rate.
No timber

N 0° 01' W. bet. sec. 23 and 24

Descend gently over N.W. slope, through sage and greasewood brush undergrowth and scattering bunch grass

40.00 Set an iron post. 3 ft. long 1 in. in diam. 26 ins. in

BOOK 2599

- 62.00 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 23 on W half and S 24 on E half. Dig pits 18x18x12 ins N. and S. of post 3 ft. dish and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor. Moor of gentle descent level rolling and level NE and SW, enter level land bears NE and SW.
- 74.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for witness cor. to the cor. of secs 13, 14, 23 and 24. marked on brass cap W.C. on N. half. T 30 N. S 14 in NW, R 15 E S 13 in NE. S 24 in SE and S 23 in SW quadrant. Dig pits 18x18x12 ins. N.E. S.E. S.W. and N.W. of post. 5 $\frac{1}{2}$ ft. dish and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.
- 74.45 Left bank of De Nebeto Wash. bears NE and SW thence over dry bed of wash.
- 80.00 The point for cor. of secs 13, 14, 23 and 24 falls in the bottom of the De Nebeto Wash where natural causes would insure the destruction of a cor.

Land level and rolling.
 Soil sandy 2nd and 3rd rate.
 No timber

- 40.00 Cash on a random line bet. sec 13 and 24 Set temp. $\frac{1}{4}$ sec. cor.
- 79.90 Intersect E. bdy. of Np. 3 lks. S. of the cor. of secs, 13, 18, 19 and 24, recently estab. by me and described in Exterior Book "X" Thence Drun S 89° 59' W. on a true line bet. sec. 13 and 24 Over level sandy land through sage and greasewood brush undergrowth and bunch grass.
- 39.95 Set an iron post. 3 ft long 1 in in diam. 26 ins in the ground for $\frac{1}{4}$ sec. cor marked on brass cap $\frac{1}{4}$ S 13 on N half and S 24 on S half. Dig pits 18x18x12 ins E and W. of post. 3 ft. dish and raise a mound of earth $3\frac{1}{2}$ ft. base. $1\frac{1}{2}$ ft. high N. of cor.
- 77.25 Left bank of the De Nebeto Wash. bears NE and SW
- 79.90 The point for cor. of secs, 13, 14, 23 and 24, ^{heretofore} described. Land level. Soil sandy 2nd and 3rd rate. No timber

Subdivision of T₃₀N, R15E.

Claims

May 14th 1909

May 15th 1909 ^{1. mt.} Ah. 7^h 30^m Set off 35° 59' N on the lab. arc 18° 49½' N. on the decl. arc, and determine a meridian with the solar ah. the ^{point for} Cor. of sec. 11, 12, 13, 14, 23 and 24, ^{hereinbefore described.} Tunnel Drive

N 0° 01' W. Feb. sec. 13 and 14

Over dry bed of the De Nebeto Wash.

9.85 Right bank of the De Nebeto Wash. bears N.E. and S.W. Enter level adobe land and scattering sage and greasewood brush undergrowth. bears N.E. and S.W.

40.00 Set an iron post 3 ft. long 1 in. in diam. 2 6 in. in the ground for ¼ sec. cor. marked on brass cap. 48 14 on W. half and 313 on E. half

Dig pits 18 x 18 x 12 in. N and S. of post 3 ft. dia. and raise a mound of earth 3½ ft. base, 1½ ft. high. W. of cor.

41.00 Leave level land and greasewood brush undergrowth bears N.E. and S.W., Enter rolling sandy land bears N.E. and S.W., ascend gently over S.E. slope

80.00 Set an iron post 3 ft. long 2 in. in diam., 24 in. in the ground for cor. of sec. 11, 12, 13 and 14, mhd. on brass cap 430 N, 311 in N.W. R15E S 12 in N.E. 313 in S.E. and 314 in S.W. quadrants.

Dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dia. and raise a mound of earth 4 ft. base 2 ft. high. W. of cor.

Land level and rolling.

Soil sandy 2nd and 3rd rate.

No timber

N 89° 59' E. on a random line Feb. sec. 12 and 13.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect E. ldy of T₃₀N, 2 lks. N. of Cor. of sec. 7, 12, 13 and 14, ^{recently estab. by me & described in Exterior Book "X"} Tunnel Drive, West. on a true line Feb. sec. 12 and 13.

Descend W. slope over stony hilly land. through scattering sage and greasewood brush undergrowth.

2.20 Deposition bears N and S. drains S. are. W. slope

6.00 Top of rocky spur bears N. and S. desc.

10.75 Rocky descent leave hilly land bears N. and S. enter level land bears N and S.

6 Chains

BOOK 2599

- 31.00 Level land bears N and S. Enter hilly stony land bears N and S. Ascend steep rocky E. slope
- 34.00 Top of sand stone ledge bears N and S
- 39.98 Set an iron post 3 ft. long 1 in. in diam 26 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 S half,
Raise a mound of stone 3 ft. tall 1 1/2 ft. high W. of cor.
Pits impracticable
- 43.00 Top of divide bears N and S. desc. rocky W. slope.
- 63.90 Top of sand stone ledge 25 ft. high bears N.E. and S.W.
- 64.50 Foot of sand stone ledge bears N.E. and S.W. thence over S.W. slope.
- 79.96 The cor. of sec. 11, 12, 13 and 14, heretofore described.
Land level and hilly.
Soil sandy and stony 3rd and 4th rate.
No timber
-
- W 0° 01' W. bet. sec. 11 and 12.
- Ascend S slope over rolling hilly land through sage and greasewood brush and bunch grass
- 3.40 Begin abrupt ascent over sand stone ledge bears N.E. and S.W.
- 6.00 Top of ascent over sand stone ledge bears N.E. and S.W.
Enter scattering juniper pine and cedar timber bears N.E. and S.W. descend N.E. slope.
- 22.00 Bottom of canyon cross ravine course S.E. asc S.E. slope.
- 40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 11 on W half and S 12 on E half, from which
Cedar 5 ins. in diam. bears N 67° E 82 lbs. dia. marked $\frac{1}{4}$ S 12 B.T.
A cedar 6 ins. in diam. bears S 67 $\frac{1}{2}$ ° W 13 lbs. dia. marked $\frac{1}{4}$ S 11 B.T.
- 54.00 Top of abrupt rocky ascent on S. edge of mesa bears N.E. and S.W. leave hilly stony land bears N.E. and S.W. enter rolling sandy land bears N.E. and S.W.
- 55.00 A point from which a spring bears S 87 $\frac{1}{2}$ ° E 500 lbs. dia.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of sec. 1, 2, 11 and 12, marked.

Chain

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on brass cap. T 30 N S 2 in N.W. R 15 E S 1 in N.E. S 12 in S.E. and S 11 in S.W. quadrant. From which,

A Cedar 10 ins. in diam. bears N 12 1/2° E 63 lbs. dist. marked T 30 N. R 15 E S 1 B.T.

A pinon pine 12 ins. in diam. bears S 57 1/2° E 340 lbs. dist. marked T 30 N. R 15 E S 12 B.T.

A Cedar 7 ins. in diam. bears S 57 3/4° W 56 lbs. dist. marked T 30 N. R 15 E S 11 B.T. and

A Cedar 8 ins. in diam. bears N 29 1/2° W 53 lbs. dist. marked T 30 N. R 15 E S 2 B.T.

Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate.

Timber pinon pine and cedar.

At this cor. I set off 18° 57 1/2' N on the decl. arc. and at 11^h 56^m 10^{sec} a.m. l.m.l. observe the sun on the meridian and obtain on the lat arc. a reading of 36° 01' 71.

East on a random line bet. sec. 1 and 12

40.00 Set tang. 1/4 sec. cor.

79.92 Intersect E. ldy. of Twp. 14 lks. S. of the cor. of sec. 1, 6, 7, and 12. ^{recently estab. by the abld. described in Exterior Book "X"} Hence from

S 89° 54' W. on a true line bet. sec. 1 and 12.

Over E slope over hilly sandy land through scattering sage and greasewood bush

6.00 Enter Cedar and pinon pine timber bears N.E. and S.W.

10.00 Top of sand ridge bears N and S. due.

28.00 Dry ravine course N.E. asc.

37.00 Top of rocky arec. bears N.E. and S.W. leaves hilly land bears N.E. and S.W. Enter rolling sandy mesa land bears N.E. and S.W.

39.96 Set an iron post 3/4 ft. long 1 ins. in diam 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 1 on N. half and S 12 on S. half, from which.

A pinon pine 12 ins. in diam. bears N 46 1/4° E 122 lbs. dist. marked 1/4 S 1 B.T.

A Cedar 4 ins. in diam. bears S 26° W 41 lbs. dist. mkt. 1/4 S 12 B.T.

79.92 The cor. of sec. 1, 2, 11 and 12, heretofore described. Land rolling and hilly.

BOOK 2599

Soil sandy and stony 3rd and 4th rate
Timber pinon pine and cedar

- 40.00 Set temp & rec. cor.
- 79.98 Intersect N. ldy. of Twp. 14 lks 5.89 59' W. the cor. of sec. 1, 2, 35 and 36, ^{recently estab. by me & described in Exterior Book "X"} thence $\text{S } 0^{\circ} 01' \text{ W. on a true line to sec. 1 and 2.}$
- 0.65 Grand N.E. slope over broken hilly land through sage brush undergrowth and bunch grass and cedar timber
- 4.00 Sand stone ledge 20 ft. high bears E and W.
- 7.50 Top of sand ridge bears N.W. and S.E. desc gently over S.E. slope
- 20.00 Dry ravine S.E. arc.
- 34.00 Top of sand ridge bears E and W desc.
- 39.98 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 2 on W. half and S 1 on E. half.
- 45.00 Dig. pits 18x18x12 ins. N. and S. of post. 3 ft. dia. and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high, W. of cor.
- 63.40 Enter scattering pinon pine and cedar timber bears E and W.
- 78.00 Dry ravine course N.E. arc.
- 79.98 Top of sand ridge bears N.W. and S.E. desc
- The cor. of sec. 1, 2, 11 and 12, heretofore described.
- Land rolling and hilly.
- Soil sandy and stony 3rd and 4th rate.
- Timber pinon pine and cedar

May 15th 1909

1909
 May 17th Ch. 7^h 00^m a.m. ^{l.m.t.} set off $35^{\circ} 57' 2''$ on the lat. arc. $19^{\circ} 11' 7''$ on the decl. arc and determine a meridian with the solar ch. the cor. of sec. 2, 3, 34 and 35 on the S. ldy. of the Twp, recently estab. by me and described in Exterior Book "W" thence $\text{S } 0^{\circ} 01' \text{ W. to sec. 34 and 35}$

Over rolling sandy land slopes to the N.W., through

Chains

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Survey commenced May 14th 1909 and executed with a W. & S. E. Garley engineers transit, No. 76 with a Burk Solar attachment, the horizontal limb is provided with one double vernier reading to single minutes of arc. The verniers of the latitude and declination arcs reading to 0' 30" of arc.

Examined the adjustments of the instruments and find them to be perfect. And knowing from tests of the solar apparatus by comparing the results of observations on the sun, made during a.m. and p.m. hours with a meridian established by observations on Polaris, that the instrument is in satisfactory adjustment, therefore I begin at the cor. of sec. 1, 2, 35 and 36 on S. 1/2 Sec. 7 of the N.P., recently set up by me and described in Exterior Book "NW" latitude $35^{\circ} 56' 40''$ N, longitude $110^{\circ} 41' 54''$ W.

At this cor. I set off $35^{\circ} 57' 11''$ on the lat. arc $18^{\circ} 35' 11''$ on the decl. arc, and at 7^h 00^m a.m. C.M.T. determine a meridian with the solar. Thence I run $N 0^{\circ} 01' W$ bet. Sec. 35 and 36.

11.00 Around S. slope over rolling sandy land, through scattering sage and greasewood brush undergrowth and bunch grass. Dip of sand ridge toward E and W. desc. gradually over N. slope.

35.00 Enter scattering pinion pines and cedar timber toward NW and SE.

40.00 Set an iron post 3 ft. long 1 in. in diam., 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 35 on W. half and S 36 on E half. from which.

A cedar 6 in. in diam. toward S $37^{\circ} E$ 165 lbs. dist. marked: $\frac{1}{4}$ S 36 B.T.

A cedar 12 in. in diam., toward S $59^{\circ} W$ 179 lbs. dist. marked $\frac{1}{4}$ S 35 B.T.

47.00 Rare timber toward N.E. and S.W.

80.00 Set an iron post 3 ft. long, 2 in. in diam., 24 in. in the ground for cor. of sec. 25, 26, 35 and 36 marked on brass cap T 30 N S 26 in N.W. R 15 E S 25 in N.E. S 36 in S.E. and S 35 in S.W. quadrants.

Dig pits 18x18x12 in. 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 3rd rate.

Timber pinion pines and cedar

Subdivision of Twp 30 N, R15 E.

2

Chains

BOOK 2599

- 40.00 Eastward random line bet. sec 25 and 36.
Set temp. $\frac{1}{4}$ sec cor
- 79.94 Intersect E. ldy of Twp. 3 lks. S. of the cor. of sec. 25, 30, 31 and 36, recently estab. by me & described in Exterior Book "X"
Thence Drum
S $89^{\circ}59'$ W. on a true line bet. sec 25 and 36.
Descend gently over N.W. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass
- 32.00 Foot of descent in depression bet. NW and S.E. drain to the S.E. asc. gently over S.E. slope of ridge.
- 39.97 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on base cap $\frac{1}{4}$ S 25 on N. half and S 36 on S half.
Dig pits 18x18x12 ins. East E. 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.
This cor. is situated on the top of low sand ridge, bet. NW and S.E. desc. gently over S.W. slope.
- 79.94 The cor. of sec. 25, 26, 35 and 36, hereinbefore described.
Land rolling.
Soil sandy, 3rd rate.
No timber
-
- N $0^{\circ}01'$ W. bet. sec. 25 and 26.
Descend gradually over rolling N.W. slope, through scattering sage and greasewood brush and bunch grass
- 9.00 Reach undergrowth bet. NW and S.E. Enter cultivated land bet. NW and S.E.
- 12.00 Reach cultivated land bet. NW and S.E. Enter sage and greasewood brush undergrowth bet. NW and S.E.
- 29.00 Foot of descent in depression bet. E and W. drain W. ascend gently over S. slope
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on base cap $\frac{1}{4}$ S 26 on W. half and S 25 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 W. of cor.

Chain

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- sage and greasewood brush undergrowth and bunch grass
- 10.00 Leave undergrowth bare E and W. enter cultivated land bare E and W.
- 13.00 Leave cultivated land bare E and W. enter sage and greasewood undergrowth bare E and W.
- 40.00 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. N 4 S 34 on W half and S 35 on E half
Dig pits 18x18x12 ins. N and S. of post. 3 ft. dia. and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W of cor.
- 80.00 Set an iron post. 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 26, 27, 34 and 35 - marked on brass cap T 30 N. S 27 in N.W. R 15 E S 26 in N.E. S 35 in S.E. and S 34 in S.W. quadrants.
Dig pits 18x18x12 ins in each sec. 5 $\frac{1}{2}$ ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
Land rolling.
Soil sandy 3rd rate.
No timber

- 40.00 Cont on a random line bet. sec. 26 and 35 -
Set temp $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N and S line 3 lks. N. of the cor. of sec. 25, 26, 35 and 36 ^{heretofore described} thence S run N 78° 59' W. on a true line bet. sec. 26 and 35
Over rolling sandy land sloped to N.W., through sage and greasewood brush undergrowth and bunch grass
- 39.99 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap to S 26 on N half and S 35 on S half
Dig pits 18x18x12 ins. E and W. of post. 3 ft. dia. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high. N. of cor.
- 79.98 The cor. of sec. 26, 27, 34 and 35, heretofore described.
Land rolling,
Soil sandy 2nd and 3rd rate.
No timber

BOOK 2599

- N 89° 01' W, bet. sec. 26 and 27.
Over rolling sandy land. Slopes to N. through sage and greasewood brush undergrowth and bunch grass
- 40.00 Leave rolling land from N.E. and S.W. Enter level land from N.E. and S.W.
- 40.00 Set an iron post. 3 ft. long 1 in. in diam. 26 ins in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S 27 on W. half and S 26 on E. half.
Dig pits 18 x 18 x 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 W. of cor.
- 80.00 Set an iron post. 3 ft. long 2 ins in diam. 24 ins in the ground for cor. of sec. 22, 23, 26 and 27, marked on brass cap T 30 N. S 22 in N.W. R 15 E S 23 in N.E. S 26 in S.E. and S 27 in S.W. quadrants.
Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land level and rolling
Soil sandy 2nd and 3rd rate.
No timber.
- At this cor. set off 19° 19' N on the decl. arc, and at 11^h 56^m 10^s am. line observed the sun on the meridian, the resulting lat. being. $35^{\circ} 58\frac{1}{2}'$ N.
-
- S 89° 59' E on a random line bet. sec. 23 and 26.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.00 Intersect N. and S. line 5 lbs. N. of the cor. of sec. 23, 24, 25, and 26, ^{heretofore described} hence drawn
- N 89° 57' W. on a true line bet. sec. 23 and 26.
Over level sandy land through sage and greasewood brush undergrowth and bunch grass.
- 40.00 Set an iron post. 3 ft. long 1 in. in diam. 26 ins in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S 23 on N. half and S 26 on S. half.
Dig pits 18 x 18 x 12 ins E and W. 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.
- 44.00 Begin gentle desc. and West slope
- 50.00 Flood of desert, leave rolling land from N. and S. Enter level land from N. and S.
- 80.00 The cor. of sec. 22, 23, 26 and 27, heretofore described.

Land level and rolling,
Soil sandy 2nd and 3rd rate.
No timber

N 0° 01' W. l. ch. sec. 22 and 23.

Over level sandy land through sage and greasewood
bush undergrowth and bunch grass.

2,90 Left bank of the De Nebets Wash. 25 ft. high bears N.E.
and S.W.

4,96 Right bank of the De Nebets Wash. 20 ft. high bears
N.E. and S.W.

40,00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the
ground for 4 sec. cor. marked on brass cap $\frac{1}{2}$ S 22
on W half and S 23 on E half.

Dig pits 18 x 18 x 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 W. of cor.

58,00 Leave level sandy land bears N.E. and S.W., enter
stony hilly land bears N.E. and S.W., ascend
S. slope.

64,00 Top of spur bears E and W desc steeply

72,00 Foot of steep descent, leave hilly land bears E
and W., enter rolling land bears E and W.

80,00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins.
in the ground for cor. of sec. 14 15 22 and 23
marked on brass cap. T 307 S 15 in NW T 715 E S
14 in N.E. S 23 in S.E. and S 22 in S.W. quadrant.

Dig pits 18 x 18 x 12 ins. in each sec. 5 $\frac{1}{2}$ ft. dist.
and raise a mound of earth 4 ft. base, 2 ft. high.
W. of cor.

Land level rolling and hilly

Soil sandy and stony 3rd and 4th rate.

No timber

S 89° 57' E on a random line l. ch. sec. 14 and 23,

40,00 Set temp. 4 sec. cor.

79,98 Intersect N and S line 5.98 Ch. N. of the witness
cor. to cor. of sec. 13, 14, 23 and 24, ^{heretofore} described.

Thence run from point for cor. of sec. 13, 14, 23, and 24.

N 89° 58' W. on a true line l. ch. sec. 14 and 23

- Over dry bed of the De Nieto Wash.
 1.25 Right bank of Wash. bears N.E. and S.W.
 Level land and sage and greasewood brush
 undergrowth
- 39.99 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$
 S 14 on N. half and S 23 on S. half.
 Dig pits 18 x 18 x 12 ins. East W. of post 3 ft. dia.
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high N. of cor.
- 79.98 The cor. of sec. 14, 15, 22 and 23, heretofore described.
 Level land.
 Soil sandy 2nd rate.
 No timber

May 17th 1909

- 1909
 May 18th At 7^h 00^m a.m. ^{limit.} set off $35^{\circ}59'41''$ on
 the lab. arc. $19^{\circ}30\frac{1}{2}'$ on the decl. arc. and
 determine a meridian with the solar. at the
 cor. of sec. 14, 15, 22 and 23, heretofore described.
 Thence Run
 No. 01 W. bet. sec. 14 and 15 -
 Over rolling sandy land through sage and greasewood
 brush undergrowth and bunch grass.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap
 S 15 on W. half and S 14 on E. half
 Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dia. and
 raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high.
 W. of cor.
- 50.00 Foot of sand stone ledge bears N.E. and S.W. level
 level land bears N.E. and S.W. enter hilly stony
 land bears N.E. and S.W. ascend S. slope of mesa.
- 53.00 Top of ascent on mesa, level broken hilly land
 bears N.E. and S.W., enter rolling sandy land bears
 N.E. and S.W.
- 57.75 South edge of canyon bears E and W. desc.
- 61.00 Bottom of canyon Course E. asc.
- 66.00 North edge of canyon on cliffs bears E and W.
 Enter scattering cedar timber bears E and W.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins

in the ground, for cor. of sec. 10, 11, 14 and 15 marked
on brass cap T_{30N} S₁₀ in N.W. R_{15E} S₁₁ in N.E. S₁₄
in S.E. and S₁₅ in S.W. quadrant., from which
A cedar 8 ins. in diam. bears S₃₃¹/₄° E 95 lks. dist.
marked T_{30N} R_{15E} S₁₄ B.T.

A cedar 10 ins. in diam. bears S₅₁° W 143 lks. dist.
marked T_{30N} R_{15E} S₁₅ B.T.

No other trees available.

Partial mound of stone 2 ft. base 1 1/2 ft. high W of
cor. Pits impracticable

Land rolling hilly and broken.

Soil sandy and stony 2nd 3rd and 4th rate.

Timber cedar

S₈₉° 58' E on a random line bet. sec. 11 and 14

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect. N and S. line at the cor. of sec. 11, 12, 13
and 14, ^{heretofore described} hence true

N₈₉° 58' W on a true line bet. sec. 11 and 14

Over rolling sandy land through sage and greasewood
brush undergrowth and bunch grass

4.70 Land rolling land bears N.E. and S.W. enter hilly stony
land bears N.E. and S.W. ascend steeply.

6.00 Top of steep ascent bears N.E. and S.W. asc. gradually

31.00 Top of high ridge bears N. and S. desc. to slope.

39.99 Saw an iron post 3 ft. long 1 in. in diam 26 ins. in
the ground for 1/4 sec. cor. marked on brass cap.
N₄ S₁₁ on N. half and S₁₄ on S. half.

Partial mound of stone 2 ft. base 1 1/2 ft. high N. of
cor. Pits impracticable

64.00 Foot of steep descent land stony land bears N.W.
and S.E., enter sandy land bears N.W. and S.E.

75.50 Center of dry sand wash 50 lks wide 3 ft. deep
Course S.E. asc. gently. Enter scattering cedar timber bears N.E. and S.W.

79.98 The cor. of sec. 10, 11, 14 and 15, heretofore described.

Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate.

Timber scattering cedars

	Wood 1' W. Feb. Secs. 10 and 11
	Ascend. S. slope over hilly sandy land through scattering cedar and pinion pine timber
0.65	Top of ridge bears E. and W. desc N. slope
5.50	Dry ravine 60 lks. wide course S.E. asc.
18.00	Top of ridge bears E. and W. desc.
22.50	Dry ravine course S.W. asc.
40.00	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S10 on W half and S11 on E half. from which. A cedar 6 ins. in diam bears N. $53\frac{1}{2}^{\circ}$ E 169 lks. dist. mk'd. $\frac{1}{4}$ S11 B.T.
	A cedar 12 ins. in diam. bears S $88\frac{1}{2}^{\circ}$ W 150 lks. dist. mk'd $\frac{1}{4}$ S10 B.T.
43.50	Top of sand ridge bears N.E. and S.W. desc.
53.00	Dry ravine course S.W. asc.
58.00	Top of sand ridge bears E. and W. desc.
60.50	Dry ravine course S.E. asc.
71.75	Begin abrupt ascent over sand stone ledges bears E. and W.
74.50	Top of abrupt ascent on S. edge of mesa bears E. and W. ascend gradually.
80.00	Set an iron post 3 ft. long 2 in. in diam. 24 ins. in the ground for cor. of sec. 2, 3, 10 and 11, marked on brass cap T 30N, S 3 in NW, R15E S 2 in NE, S11 in SE and S10 in SW quadrant. from which. A cedar 8 ins. in diam bears N $75\frac{3}{4}^{\circ}$ E 293 lks. dist marked T 30N, R15E S 2. B.T. A pinion pine 12 ins. in diam. bears S $61\frac{1}{4}^{\circ}$ E 162 lks. dist. marked T 30N R15E S11 B.T. A pinion pine 6 ins. in diam. bears S $60\frac{1}{2}^{\circ}$ W 303 lks. dist. marked T 30N, R15E S10 B.T. A cedar 16 ins. in diam. bears N 70° W 100 lks. dist. mk'd. T 30 N R15 E S 3 B.T. Land rolling hilly and broken. Soil sandy and stony 2 nd 3 rd and 4 th th cats. Timber pinion pine and cedar
	S 89 ^o 58' E on a random line bet. sec. 2 and 11
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.94	Intersect N and S. line 8 lks N. of the cor. of sec. 1, 2, 11 and 12 ^{heretofore described} _{thence D run}

- 189455' W on a true line bet. sec. 2 and 11
 Ascend E slope over hilly sandy land, through
 scattering pinion pine and cedar timber and sage brush
 undergrowth
- 4.00 Top of high sand ridge bears N and S. desc. gently
 over W. slope
- 39.97 Set an iron post. 3ft. long 1 in. in diam 26 ins
 in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap.
 $\frac{1}{4}$ S 2 on N half and S 11 on S half, from which
 A cedar 8 ins. in diam, bears N 55° E 414 lks. dist.
 marked $\frac{1}{4}$ S 2 B.T.
- A cedar 6 ins. in diam bears S 59 $\frac{1}{2}$ ° W 95 lks. dist.
 marked $\frac{1}{4}$ S 11 B.T.
- 54.20 East. side of Canyon bears N.E. and S.W. desc. abruptly
- 55.80 Bottom of Canyon course S.W. asc. S.E. slope
- 73.25 West side of canyon bears N.E. and S.W. thence
 over rolling sandy mesa land.
- 79.94 The cor. of sec. 2, 3, 10 and 11, heretofore described.
 Land rolling and hilly.
 Soil sandy and stony 3rd and 4th rate.
 Timber pinion pine and cedar

- N 0° 01' W, on a random line bet. sec. 2 and 3.
- 40.00 Set top $\frac{1}{4}$ sec cor.
- 79.78 Intersect N. E. dry. of Tr. 3 lks S 89° 59' W. the cor. fixed
 recently, estab. by ~~the~~ ^{the} ~~cor.~~ ^{the} ~~described~~ ^{described} in Exterior Book "X"
 2, 3, 34 and 35, thence down
- South on a true line bet. sec. 2 and 3.
 Ascend gradually N.W. slope over rolling sandy land
 through scattering sage and greasewood brush undergrowth
 and bunch grass.
- 22.00 Top of high sand ridge bears N.E. and S.W. Enter
 scattering pinion pine and cedar timber bears N.E.
 and S.W. descend S.E. slope.
- 39.78 Set an iron post. 3ft. long. 1 in in diam. 26 ins in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap.
 $\frac{1}{4}$ S 3 on W half and S 2 on E half, from which,
 A cedar 8 ins. in diam. bears N 46° E 67 lks. dist.
 marked $\frac{1}{4}$ S 2 B.T.
- A cedar 6 ins. in diam. bears N 29 $\frac{1}{2}$ ° W 28 lks. dist.
 marked $\frac{1}{4}$ S 3 B.T.

Subdivision of T₄ 30 N, R15 E.

16

Chains

BOOK 2599

46.15 Dry ravine 25 lbs. wide 8th deep course S.E. cor.
 48.80 Top of sand ridge bears N.W. and S.E. desc S.W. slope
 79.78 The cor. of secs. 2, 3, 10 and 11, heretofore described.
 Sand, hilly.
 Soil sandy 3rd and 4th rate.
 Timber pine, lufino and Cedar.

1909
 May 19th Ch. 7^h 30^m a.m. ^{l.m.t.} Drek off. 35° 57' N. on
 the lat. arc. 19° 44' N. on the decl. arc. and determine
 a meridian with the solar at the cor. of sec.
 3, 4, 33 and 34 on the S. side of the T₄, recently
 established by me and described in Exterior Book "W"
 Thence Drun.
 N 0° 02' W 1/4 sec. 33 and 34
 Over rolling sandy land through sage and greasewood
 brush undergrowth and bunch grass.
 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the
 ground for 1/4 sec. cor. marked on brass cap 1/4 S 33
 on W half and S 34 on E half.
 Dig pits 18 x 18 x 12 ins. N and S. of post. 3 ft. dia.
 and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high.
 W. of cor.
 80.00 Set an iron post 3 ft. long 2 in. in diam. 24 ins. in
 the ground for cor. of sec. 27, 28, 33 and 34, mked
 on brass cap T 30 N. S 28 in N.W. R15 E S 27 in N.E. S 34
 in S.E. and S 33 in S.W. quadrants.
 Dig pits 18 x 18 x 12 ins. in each sec 5 1/2 ft. dia. and
 raise a mound of earth 4 ft. base, 2 ft. high W
 of cor.
 Land rolling
 Soil sandy 2nd and 3rd rate.
 No timber

40.00 Earth on a random line bet. sec. 27 and 34
 Set temp. 1/4 sec. cor.
 80.00 Intusech. N and S. line 3 lbs. S. of the cor.
 of sec. 26, 27, 34 and 35, heretofore described.
 Thence Drun
 S 89° 59' W. on a true line bet. sec. 27 and 34
 Descend gradually on N.W. slope over rolling sandy

Subdivision of Twp. 30N, R15E

Chain

Land through sage and greasewood brush undergrowth and bunch grass
 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 27 on N. half and S 34 on S half
 Dig pits 18 x 18 x 12 ins. East W. of post. 3 ft. dia. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 80.00 The cor. of secs. 27, 28, 33 and 34, herebefore described.
 Land rolling
 Soil sandy 2nd and 3rd rate.
 No timber

N 0° 02' W. bet. secs. 27 and 28.

Descend gently over NW. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.
 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 28 on W. half and S 27 on E half.
 Dig pits 18 x 18 x 12 ins. N and S. of post. 3 ft. dia. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

40.90 Right bank of the De Nebeto Wash. 20 ft. high. bears N. E. and S. W.

50.50 Right bank of the De Nebeto Wash. 20 ft. high. bears N. E. and S. W., ascend gently over S. slope

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28. marked on brass cap T 30 N. S. 21 in NW. R15E S 22 in N.E. S 27 in S.E. and S 28 in S.W. quadrants.
 Dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
 Land rolling
 Soil sandy 2nd and 3rd rate.
 No timber

N 89° 59' E on a random line bet. secs. 22 and 27.

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

80.02 Intersect N and E lines 5 lks. S. of the cor. of secs
22, 23, 26 and 27.

Thence down

S 89° 57' W on true line bet. secs 22 and 27.

Over level sandy land through sage and greasewood
brush undergrowth and bunch grass.

36.0 Left bank of the De Nebeto Wash. 20 ft. high
lean N.E. and S.W.

6, 30 Right bank of the De Nebeto Wash 20 ft. high
lean N.E. and S.W., thence over rolling sandy land.

40, 01 Set an iron post 3 ft. long 1 in. in diam. 26 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.

Dig pits 18 x 18 x 12 ins. E and W of post 3 ft. diam.
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$
ft. high W. of cor.

80.02 The cor. of secs. 21, 22, 27 and 28; ^{heretofore} described.

Land rolling.

Soil sandy 3rd rate.

No timber

N 0° 02' W bet. secs. 21 and 22.

Across S slope over rolling sandy land through
sage and greasewood brush undergrowth and
bunch grass.

40, 00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass
cap $\frac{1}{4}$ S. 21 on W half and S 22 on E half.

Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. diam.
and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
high W. of cor.

At this cor. I set off $19^{\circ} 45\frac{1}{2}'$ N. on the decl.
arc, and at $11^{\text{h}} 56^{\text{m}}$ am. I observed the
sun on the meridian, and obtained the decl.
arc a reading of $35^{\circ} 59'$ N.

80, 00 Set an iron post 3 ft. long 2 ins. in diam. 24
ins. in the ground for cor. of secs. 15, 16, 21 and 22
marked on brass cap T 30 N S 16 in N.W. R 15 E S 15
in N.E. S 22 in S.E. and S 21 in S.W. quadrants.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Pits impracticable

Chain

Subdivision of No. 307, P. 15 E

19

Land rolling
Soil sandy 2nd and 3rd rate.
No timber

- 40.00 NW 89° 57' E on a random line bet. sees 15 and 22
Set temp. $\frac{1}{4}$ sec. cor.
- 80.02 Intersect N and S. line 2 lks. S. of the cor. of sees.
14, 15 & 22 and 23, heretofore described,
thence S run
S 89° 56' W. on a true line bet. sees. 15 and 22.
Ascend gradually S. slope over rolling sandy land
through sage and greasewood brush undergrowth
and bunch grass.
- 24.60 Leave rolling land bears N and S. enter hilly land.
bears N and S. ascend abruptly over S slope.
- 40.01 Set an iron post 3 ft. long $\frac{1}{2}$ in. in diam. 26
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.
- Pass a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high
N. of cor. This impracticable
- 45.00 Top of high ridge bears N and S desc. W. slope
- 49.00 Dry ravine course S. asc. E slope
- 55.50 Top of ridge bears N and S. desc. W. slope.
- 69.20 Begin abrupt descent over W. slope of mesa
over stony land. bears N and S.
- 73.50 Foot of abrupt descent ^{in ravine course SW} over stony land
bears N and S. enter rolling land bears N and S
- 75.80 Top of a dobs ridge bears N.E and S.W. desc.
- 78.00 Dry ravine course S. asc.
- 80.02 The cor. of sees 15, 16, 21 and 22, heretofore described.
Land rolling and hilly.
Soil sandy and stony 2nd 3rd and 4th rate.
No timber

N 0° 02' W. bet. sees. 15 and 16.

- Ascend steep S. slope of mesa over stony land.
through sage and greasewood brush undergrowth.
- 4.40 Top of ascent on S. edge of mesa. bears N. hilly.

Subdivision of Pp 30N, R 15E.

chains

BOOK 2599

- land bears E and W. Enter rolling sandy land and scattering pinion pine and cedar timber bears E and W and gradually
- 40.00 Set an iron post 3 ft. long in in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor marked on brass cap N 43 16 on W half and S 15 on E half. From which, A Cedar 5 ins. in diam. bears N 17 $\frac{1}{2}$ ° E 189 lks. dist. marked $\frac{1}{4}$ S 15 B.T.
- A Cedar 8 ins. in diam. bears S 69° W 110 lks. dist. marked $\frac{1}{4}$ S 16 B.T.
- 76.00 Top of ridge bears N.W. and S.E. desc. N.E. slope.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 9, 10, 15 and 16. marked on brass cap T 30 N S 9 in N.W. R 15 E S 10 in N.E. S 15 in S.E. and S 16 in S.W. quadrants. from which, A pinion pine 8 ins. in diam bears N 21° E 162 lks dist marked T 30 N R 15 E S 10 B.T.
- A Cedar 5 ins. in diam bears S 22 $\frac{3}{4}$ ° E 232 lks dist. marked T 30 N R 15 E S 15 B.T.
- A pinion pine 7 ins. in diam. bears S 73 $\frac{3}{4}$ ° W 176 lks. dist. marked T 30 N R 15 E S 16 B.T.
- A pinion pine 9 ins. in diam. bears N 68 $\frac{1}{2}$ ° W. 130 lks. dist. marked T 30 N R 15 E S 9 B.T.
- Land hilly and broken.
Soil sandy and stony 3rd and 4th rate.
Timber pinion pine and cedar

- 40.00 N 89° 56' E over a random line bet sec. 10 and 15 - Set temp. $\frac{1}{4}$ sec. cor.
- 80.08 Intersect N and S. line 8 lks. N. of the cor. of sec 10, 11, 14 and 15 from ^{the place} ~~the~~ ^{described} ~~the~~ ^{Drum}
- N 89° 59' W. over true line bet. sec. 10 and 15 -
- Proceed gradually E. slope over rolling sandy and stony mesa land through scattering pinion pine and cedar timber and bunch grass
- 40.04 Set an iron post 3 ft. long in in diam 26 ins in the ground for $\frac{1}{4}$ sec. cor marked on brass cap. N 4 S 10 on N half and S 15 on S half, from which A Cedar 12 ins. in diam. bears N 17 $\frac{3}{4}$ ° E 33 lks. dist. marked $\frac{1}{4}$ S 10 B.T.
- A Cedar 12 ins. in diam. bears S 44 $\frac{3}{4}$ ° E 29 lks. dist. marked,

Subdivision of Tp 30 N, R 15 E

Chains

- 1/4 S 15 B.T.
- 59.00 Top of rocky ridge bears N.W. and S.E. desc. over S.W. slope.
- 64.00 Dry ravine course S.E. asc. N.E. slope
- 80.08 The cor. of sec. 9, 10, 15 and 16, heretofore described. Land hilly and broken. Soil sandy and stony 3rd and 4th rate. Timber pinon pine and cedar.

MAY 19th 1909

May 22nd ¹⁹⁰⁹ At 2^h 30^m p.m. ^{l.m.t.} I set off 36° 00' N on the lat arc 20° 24' N on the decl. arc. and determine a meridian with the solar at the cor. of sec. 9, 10, 15 and 16, ^{heretofore described} hence I run S 70° 02' W. bet. sec. 9 and 10.

Ascend S.E. slope over broken stony mesal land, through scattering pinon pine and cedar timber and touch grass.

- 27.00 Top of high sand ridge bears N.E. and S.W. desc. N.E. slope
- 37.50 Dry ravine 40 lks. wide 7 ft. deep course S.E. asc. S.W. slope
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins in the ground for ¹/₄ sec. cor. marked on base of 1/4 S 9 on W. half and S 10 on E. half. From which
 A Cedar 7 ins. in diam. bears S 20 1/2° E 155 lks. dist. marked 1/4 S 10 B.T.
 A Cedar 12 ins. in diam. bears S 49° W 237 lks. dist. marked 1/4 S 9 B.T.

- 68.00 Top of sand ridge bears E. and W. desc.
- 70.00 Dry ravine 10 lks. wide 8 ft. deep course E asc. S slope
- 79.00 Top of sand ridge bears E. and W. descend N. slope
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins in the ground for cor. of sec. 3, 4, 9 and 10, marked on base of T 30 N, R 15 E S 3 in N.E. S 10 in S.E. and S 9 in S.W. quadrants from which
 A cedar 10 ins in diam bears N 69° E 72 lks. dist. marked T 30 N R 15 E S 3 B.T.
 A Cedar 12 ins in diam. bears S 75 1/4° W 244 lks. dist. marked T 30 N R 15 E S 9 B.T.
 A Cedar 7 ins in diam. bears N 46° W 59 lks. dist. marked T 30 N R 15 E S 4 B.T.
 No other trees available.

BOOK 2599

Dig pit 36x36x12 ins in sec. 10, 5 1/2 ft. dist. and raise a mound of earth 4 ft. base. 2 ft. high W of cor.
Land rolling and hilly,
Soil sandy and stony 3rd and 4th rate.
Number pinon pine and cedar.

S89°59'E on a random line bet. sec 3 and 10.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line 3 lks. S. of the cor. of sec 2, 3, 10 and 11, ^{heretofore described} Thence S run

West on a true line bet. sec. 3 and 10

Over hilly sandy and stony land through scattering pinon pine and cedar timber and bunch grass.

10.00 Rocky ravine course S. are.

27.50 Dry ravine 75 lks wide 2 ft. deep course S. are. E slope

40.01 Set an iron post 3 ft. long 1 in diam. 26 ins. in the ground 1/4 sec. cor marked on base of 1/4 S 3 on N. half and S 10 on S. half, from which a cedar 14 ins in diam. bears N 22° W 236 lks. dist. marked 1/4 S 3 B.T.

A cedar 12 ins. in diam bears S 21° W 41 lks. dist. marked 1/4 S 10 B.T.

50.00 Dry ravine 75 lks wide 2 ft. deep course S.E. ascend gently over S.E. slope.

80.02 The cor. of sec. 3, 4, 9 and 10, heretofore described. Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate.
Number pinon pine and cedar

N 0° 02' W. on a random. line bet. sec. 3 and 4

40.00 Set temp. 1/4 sec. cor.

79.80 Intersect N. ldy. of Twp 3 lks. S89°59' W. of the cor. of sec 3, 4, 33 and 34, ^{recently established by the land described in Exterior Book "X"} Thence S run

S 0° 01' E on a true line bet. sec 3 and 4.

Ascend N.W. slope over rolling sandy land, through scattering pinon pine and cedar timber and scattering sage and greasewood bush undergrowth and bunch grass.

Chains

- 21.00 Top of high sand ridge from NW. and SE. desc over SW. slope.
- 39.80 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 4 on W. half and S 3 on E half. from which.
A cedar 8 ins. in diam. from $N 19\frac{1}{4}^{\circ} E$ 49 lbs. dist. marked $\frac{1}{4}$ S 3 B.T.
A cedar 9 ins. in diam. from $N 13\frac{1}{2}^{\circ} W$ 150 lbs. dist. marked $\frac{1}{4}$ S 4 B.T.
- 44.30 Dry ravine 50 lbs. wide 5 ft. deep course S.E. asc
- 75.30 Dry ravine course N.E. asc.
- 79.80 The cor. of secs. 3, 4, 9 and 10, heretofore described. Land rolling and hilly. Soil sandy and stony 3rd and 4th rate. Timber Juniper pine and cedar

May 22nd 1909.

- May 20th 1909, ab. 7^h 00 am ^{l.m.t.} set off $95^{\circ} 57'$ N on the lat. arc. $19^{\circ} 56\frac{1}{2}'$ N. on the decl. arc. and determine a meridian with the solar ap. the cor. of sec. 4, 5, 32 and 33. on the S. dry of the $\frac{1}{4}$ sec. recently estab. by me and described in Exterior Book "W." Thence I run
 $N 0^{\circ} 03' W$. bet. sec. 32 and 33.
 Over level sandy bottom land through sage and greasewood brush undergrowth and bunch grass.
 - 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 32 on W. half and S 33 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 W. of cor.
 - 68.65 Left bank of the De Nebeto Wash. 20 ft. high from N.E. and S.W.
 - 71.10 Right bank of the De Nebeto Wash 20 ft. high. from N.E. and S.W.
 - 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 28, 29, 32 and 33. marked on brass cap T 30 N S 29 in N.W. R 15 S S 28 in N.E. S 33 in S.E. and S 32 in S.W. quadrants. Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and

BOOK 2599

raise a mound of earth 4ft base. 2ft high W of cor
 Land rolling
 Soil sandy 2nd and 3rd rate.
 No timber

40.00 Earth on a random line bet. sec 28 and 33
 Set temp. ¼ sec cor.

79.90 Intersect N and S. line 2 lks. N. of the cor. of sec
 27, 28, 33 and 34, heretofore described,
 Thence run

N 89° 59' W. on a true line bet. sec 28 and 33.

Over level sandy and adobe bottom land. through
 sage and greasewood brush undergrowth and
 bunch grass.

39.95 Set an iron post 3ft long 1 in. in diam 26 ins in
 the ground for ¼ sec. cor. marked on brass cap ¼
 S 28 on N half and S 33 on S half.

Dig pits 18x18x12 ins E and W. of post 3ft. dist.
 and raise a mound of earth 3½ ft base 1½ ft high.
 N. of cor

57.10 Right bank of the De Nebeto Wash 20 ft high base N.E.
 and S.W.

59.40 Right bank of the De Nebeto Wash 20 ft high base
 N.E. and S.W.

79.90 The cor. of sec. 28, 29, 32 and 33, heretofore described.
 Land level.

Soil sandy 2nd and 3rd rate.
 No timber

N 0° 03' W. bet. sec. 28 and 29.

Over level sandy land through sage and greasewood
 brush undergrowth and bunch grass

30.00 Reveal level land brass N.E. and S.W., enter rolling
 land base N.E. and S.W.

40.00 Set an iron post 3ft long 1 in. in diam, 26 ins in the
 ground for ¼ sec. cor. marked on brass cap ¼ S 29 on N
 half and S 28 on E half

Dig pits 18x18x12 ins N and S. of post 3ft. dist. and
 raise a mound of earth 3½ ft base, 1½ ft high W.
 of cor.

Balance

78.00 Leave rolling sandy land, leave N.E. and S.W., enter
adobe hilly land leave N.E. and S.W.

80.00 Set an iron post 3ft long 2 in in diam. 2 1/2 in in
the ground for cor. of secs. 20, 21, 28 and 29, marked
out brass cap. T 30N, S 20 in N.W. R 15 E S. 21 in N.E.
S 28 in S.E. and S 29 in S.W. quadrant.
Raise a mound of stone 2ft base 1 1/2 ft high W. of cor.
Pits impracticable
Land level, rolling and hilly.
Soil sandy and adobe 2nd and 3rd rate.
No timber
At this cor I set off 19° 58 1/2' N. on the decl arc and
at 11^h 56^m 19^{sec} a.m. level - observe the sun on the
meridian and obtain on the lat. arc a reading
of 35° 58 1/2' N.

89° 59' E on a random line bet. sec 21 and 28.
40.00 Set temp 1/4 sec. cor.
80.00 Intersect N and S. line 5 lks. N of the cor. of secs. 21,
22, 27 and 28, heretofore described.
Thence I run, over rolling sandy land,
N 89° 57' W. on a true line bet. sec. 21 and 28.
40.00 Set an iron post 3ft long 1 in in diam. 2 1/2 in in.
the ground for 1/4 sec. cor. marked out brass cap 1/4 S
21 on N. half and S 28 on S. half.
Dig pits 18 x 18 x 12 in E and W. of post 3 ft. dist and
raise a mound of earth 3 1/2 ft base 1 1/2 ft high N
of cor.
63.25 Dry sand wash 25 lks. wide 5ft. deep course S.
Leave rolling land leave N. and S. enter hilly adobe
land leave N and S.
80.00 The cor of secs. 20, 21, 28 and 29, heretofore described.
Land rolling and hilly.
Soil sandy and adobe 2nd and 3rd rate.
No timber

N 0° 03' W. bet. sec 20 and 21.
Ascend S.E. slope over hilly adobe land through sage
brush undergrowth and bunch grass
1.50 Top of adobe ridge leave N.E. and S.W. desc.
29.75 Dry ravine course S.E. asc.

Chain

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- 40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 20 on W. half and S 21 on E half.
Dig pits 18x18x12 ins N and S. of post. 3 ft. dia and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high W. of cor.
- 45.00 Leave adobe land bear E and W. enter stony land bear E and W. ascend steep S. slope of mesa
- 50.20 Top of steep rocky ascent on S. edge of mesa. leave hilly land bear N.E. and S.W. enter rolling sandy land bear N.E. and S.W.
- 78.50 Top of sand ridge bear E and W. descend gently over N. slope
- 80.00 Set an iron post 3 ft. long 2 in. in diam, 24 ins. in the ground for cor. of sec. 16, 17, 20 and 21 marked on brass cap T 30 N. S 17 in N.W. R 15 E S. 16 in N.E. S 21 in S.E. and S 20 in S.W. quadrant
Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land rolling and hilly.
Soil sandy and adobe 3rd rate.
No timber

S 89° 57' E on a random line bet. sec. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.79.96 Intersect N and S. line 2 lvs. S. of the cor. of sec. 15-
16, 21. and 22 ^{heretofore described} thence S run.

N 89° 58' W. on a true line bet. sec. 16 and 21

Ascend S.E. slope over hilly sandy land through sage and greasewood brush undergrowth and bunch grass

3.50 Top of rocky ridge 40 ft above cor. bear N. and S. descend over W. slope

27.75 Dry ravine course S. asc. E. slope.

39.98 Set an iron post 3 ft. long 1 in. in diam. 26 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.Dig pits 18x18x12 ins. E and W. of post 3 ft. dia. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.

Chains

- 48.00 Top of sand ridge bears N. and S. desc W. slope.
- 60.60 Dry ravine. 40 lks. wide 5 ft. deep course S.E. asc. S.E. slope
- 71.50 Begin abrupt ascent on S.E. slope of mesa.
- 74.00 Top of abrupt rocky ascent on E. edge of mesa. Leave stony hilly land bears N.E. and S.W. Enter rolling sandy mesa land bears N.E. and S.W.
- 79.96 The cor. of sec. 16, 17, 20 and 21, heretofore described. Land rolling and hilly. Soil sandy and stony 3rd and 4th rate. No timber

May 25th 1909

May 22nd ¹⁹⁰⁹ at 10^h 30^m a.m. ^{l. mt.} Feb off 35° 59' N. on the lat. arc. 20° 22' N. on the decl. arc and determine a meridian with the solar on the cor. of sec. 16, 17, 20 and 21 ^{heretofore described,} thence run

V 0° 03' W. bet sec. 16 and 17,

Descend N.W. slope over rolling sandy and stony mesa land through scattering sage bush undergrowth and bunch grass.

- 87.6 Dry ravine 15 lks. wide 1 ft. deep course N.E. asc. S.E. slope.
- 93.00 Enter scattering pinon pine and cedar timber from N.E. and S.W.
- 91.75 Top of high sand ridge bears N.E. and S.W. desc gently over N.W. slope.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 17° W $\frac{1}{2}$ half and S 16 on E half. from which.
A cedar 8 ins. in diam, bears N 6° E 55 lks. dist. mkd., $\frac{1}{4}$ S 16 B.T.
A cedar 4 ins. in diam, bears S 76 $\frac{1}{4}$ ° W 81 lks. dist. mkd., $\frac{1}{4}$ S 17 B.T.
- 63.00 Begin abrupt rocky descent over N.W. slope
- 71.00 Top of abrupt descent leave stony land bears N.E. and S.W. desc. gently over rolling sandy land bears N.E. and S.W.
- 79.30 Dry ravine 20 lks. wide, 2 ft. deep course N.W. asc.
- 80.00 Set an iron post 3 ft. long 2 in. in diam. 24 ins. in the ground for cor. of sec. 8, 9, 16 and 17. marked on brass cap T 30° N S. 8 in N.W. R 15 E S 9 in N.E. S 16 in S.E.

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and S 17 in S.W. quadrant. from which.
 A cedar 7 ins. in diam. bears $N 66\frac{3}{4}^{\circ} E$ 197 lks. dist marked
 T 30 N, R 15 E S 9 B.T.
 A cedar 6 ins. in diam. bears $S 37\frac{1}{2}^{\circ} E$ 117 lks. dist
 marked T 30 N, R 15 E S 16 B.T.
 A cedar 5 ins. in diam. bears $S 88\frac{1}{4}^{\circ} W$ 64 lks. dist, mked.
 T 30 N, R 15 E S 17 B.T.

No other trees available

Dig pit 36x36x12 ins. in sec. 8 5 1/2 ft. dist and raise
 a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate.

Timber pinion pine and cedar

At this cor. I set off $20^{\circ} 23'$ N. on the decl. arc
 and at 11^h 56^m 26^{sec} observed the sun on the meridian
 the resulting lat. being $36^{\circ} 00' N$.

$S 89^{\circ} 58' E$ on a random line bet. sec. 9 and 16

40.00 Set temp. 1/4 sec. cor.

79.98 Intersect N and S. line 5 lks. S. of the cor. of sec. 9
 10, 15, and 16 ^{heretofore described} thence I run

West on a true line bet. sec. 9 and 16.

Around E. slope over stony mesa land through scattering
pinion pine and cedar timber

37.00 Top of high sand ridge toward NW. and SE. desc. SW. slope

39.99 Set an iron post. 3 ft. long 1 in in diam. 26 ins. in the
 ground for 1/4 sec. cor. marked on brass cap 1/4 S 9 on
 N. half. and S 16 on S. half, from which

A cedar 7 ins. in diam. bears $N 49\frac{1}{2}^{\circ} E$ 65 lks. dist,
 marked 1/4 S 9 B.T.

A cedar 4 ins. in diam. bears $S 43\frac{3}{4}^{\circ} E$ 71 lks. dist.
 marked 1/4 S 16 B.T.

79.98 The cor. of sec. 8, 9, 16 and 17, heretofore described.
 Land hilly.

Soil sandy and stony 3rd and 4th rate.

Timber pinion pine and cedar

May 22nd 1909

1909
 May 23rd at 11^h 00^m a.m. I set off $36^{\circ} 00'$ N. on
 the lat arc. $20^{\circ} 34'$ N. on the decl. arc and determine
 a meridian with the solar, at the cor. of sec. 8, 9,
 16 and 17 ^{heretofore described} thence I run

Lehman

N₆₀° 03' W, 1/4 sec. 8 and 9.

Ascend S.E. slope over hilly sandy land through scattering
pinion pine and cedar timber toward N.E. and S.W.

4.00 Top of sand ridge bears N.E. and S.W. desc. over N.W.
slope.

22.50 Dry rocky ravine course S.W. asc. over broken stony land.

40.00 Set an iron post 3/4 in. long 1 in. in diam. 26 in. in the
ground for 1/4 sec. cor. marked on brass cap. 1/4 S 8 on W
half and S 9 on E half. from which.

A pinion pine 12 ins. in diam. bears N 49 1/2° E. 153 lbs.
dist. marked 1/4 S 9 B.T.

A cedar 8 ins. in diam. bears N 29° W. 106 lbs. dist.
marked 1/4 S 8 B.T.

78.20 Ascend sand stone ledge 20 ft. high bears E. and W.

78.70 Top of sand stone ledge bears E. and W. desc. N.W. slope

80.00 Set an iron post 3/4 in. long 2 ins. in diam 24 ins. in the
ground for cor. of sec. 4, 5, 8 and 9. - marked on
brass cap T 30 N. 35 in N.W. R 15 E 34 in N.E. 39 in
S.E. and S 8 in S.W. quadrants. from which.

A cedar 6 ins. in diam. bears N 19 1/2° E 133 lbs. dist.
marked T 30 N. R 15 E 3. 4 B.T.

A pinion pine 5 ins. in diam. bears S 56 3/4° E 76 lbs. dist.
marked T 30 N. R 15 E 3 9 B.T.

A pinion pine 7 ins. in diam. bears S 5 1/2° W 27 lbs.
dist. marked T 30 N. R 15 E, 3 8 B.T.

A cedar 8 ins. in diam. bears N 33 1/2° W 95 lbs. dist.
marked T 30 N. R 15 E, 3 5 B.T.

Land broken and hilly.

Soil sandy and stony 3rd and 4th rate.

Timber pinion pine and cedar

East on a random line bet. sec. 4 and 9.

40.00 Set temp. 1/4 sec. cor

80.14 Intersect N and S. line at the cor. of sec. 3, 4, 9 and 10
herebefore described
thence S run

West on a true line bet. sec. 4 and 9.

1.50 Descend N.W. slope over hilly sandy and stony land
through scattering pinion pine and cedar timber.
Dry ravine course N.E. asc.

30.00 Top of sand ridge bears N.E. and S.W. desc.

40.07 The point for the 1/4 sec. cor. falls in the bottom of
dry ravine at foot of descent course S. where, natural

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- caused would insure the destruction of a cor., therefore I continue my line. Ascend E slope of ridge
- 41.07 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the ground for witness cor to the $\frac{1}{4}$ sec. cor. marked on brass cap T 30 N. R 15 E S 4 on N. half. S 9 on S half. W.C. $\frac{1}{4}$ on E half from which.
- A cedar 18 ins. in diam. bears N 77 $\frac{1}{2}$ ° E 172 lbs. dist. marked W.C. $\frac{1}{4}$ S 4 B.T.
- A cedar 8 ins. in diam. bears S 67° E 124 lbs. dist. marked W.C. $\frac{1}{4}$ S 9 B.T.
- 48.00 Top of sand ridge bears N. and S. desc.
- 55.25 Dry ravine 25 lbs wide 2 ft. deep course S.W. asc.
- 61.00 Top of ridge bears N.E. and S.W. desc.
- 67.50 Dry ravine course S. asc.
- 78.00 Top of ridge bears N.E. and S.W. desc.
- 80.14 The cor. of secs. 4, 5, 8 and 9, heretofore described.
- Land hilly
- Soil sandy and stony 3rd and 4th rate.
- Timber pinon pine and cedar

- W 0° 03' W. on a random line bet. secs. 4 and 5
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.82 Intersect N. boundary of Twp. 14 lbs S. 89-59' W. of the cor. of secs 4, 5, 32 and 33, recently estab. by me and described in Exterior Book "X"
- Thence S run
- S 03' W. on a true line bet. secs 4 and 5.
- Overrolling sandy mesal land through sage and greasewood brush undergrowth and bunch grass. and scattering cedar timber
- 22.00 Leave timber bears E. and W.
- 39.82 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap 1/4 S 5 on W half and S 4 on E half.
- Dig pits 18 x 18 x 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 W. of cor.
- 71.00 Leave rolling land bears N.E. and S.W. enter hilly land and scattering pinon pine and cedar timber bears N.E. and S.W. desc S.E. slope
- 79.42 Foot of descent in depression bears N.E. and S.W. asc.

Chains

79.82 The cor. of sec. 4, 5, 8, and 9, heretofore described.
 Land rolling and hilly.
 Soil sandy and stony 3rd and 4th rate.
 Timber pinon pine and cedar timber

May 28th 1909

1909
 May 21st ^{l.m.t.} Ch. 7^h 15^m a.m. Set off 95° 57' N, on the
 lat. arc. 20° 09' N, on the decl. arc. and determine a
 meridian with the solar at the cor. of sec. 5, 6, 31
 and 32 on S. 1/2 dry of Twp. 1. Thence I run
 N 0° 03' W, bet. sec. 31 and 32.

Over level sandy land through sage and greasewood
 brush undergrowth and bunch grass.

16.50 Left bank of dry sand wash 45 ft. high from N.E.
 and S.W.

19.50 Right bank of sand wash. 15 ft. high from
 N.E. and S.W.

40.00 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the
 ground for 1/4 sec. cor. marked on brass cap 1/4 S 31 on
 W half and S 32 on E half.

Dig pits 18x18x12 ins N and S of post. 3 ft. dia.
 and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
 high W. of cor.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins.
 in the ground for cor. of sec. 29, 30, 31 and 32.

marked on brass cap T 30 N, S 30 in N.W., R 15 E S 29 in
 N.E., S 32 in S.E. and S 31 in S.W. quadrant.

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

Land level.

Soil sandy 3rd rate

No timber

East on a random line bet. sec. 29, and 32.

40.00 Set temp 1/4 sec. cor.

80.00 Intersect N and S. line at the cor. of sec. 28, 29, 32
 and 33, heretofore described
 Thence I run

West on a true line bet. sec. 29 and 32 -

Over level sandy land through sage and greasewood
 brush undergrowth and bunch grass

Subdivision of Twp 30 N, R 15 E.

Chains

BOOK 2599

40.00 Set an iron post, 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 29 on N. half and S 32. on S. half.

Dig pits 18x18x12 ins. E and W 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.

80.00 The cor. of secs. 29, 30, 31 and 32, heretofore described.

Land level.

Soil sandy 2nd and 3rd rate.

No timber

West on a random line bet. sec. 30 and 31

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

79.04 Intersect W. ldy. of Twp. 30 N. N. of the cor. of secs. 25, 30, 31 and 36, ^{recently estab. by map & described in Exterior Book "X"} ~~thence S run~~

N 89° 59' E on a true line bet. sec. 30 and 31

Over level sandy land through sage and greasewood brush undergrowth and bunch grass.

39.04 Set an iron post, 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 30 on N. half and S 31 on S. half

Dig pits 18x18x12 ins. E. and W. 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.

44.00 Level land toward N.E. and S.W. enter rolling land toward N.E. and S.W. ascend gradually over N.W. slope

47.00 N. of low sand ridge toward N.E. and S.W. desc. gently over S.E. slope.

79.04 The cor. of secs. 29, 30, 31 and 32, heretofore described.

Land level and rolling.

Soil sandy 2nd and 3rd rate.

No timber

N 0° 03' W. bet. sec. 29 and 30.

Over level sandy land through sage and greasewood brush undergrowth and bunch grass

4.00 Level land toward N.E. and S.W. enter rolling adobe land toward N.E. and S.W. ascend gently over S. slope

40.00 Set an iron post, 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass Cap.

Chain

1/4 S 30 on W half and S 29 on E half.

Dig pits 18x18x12 ins. N and S. of post. 3 ft. dist and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W. of cor.

NOTE

At this cor I set off 20° 11' 'N on the decl. arc and at 11^h 56^m 22^{sec} a.m. level observed the sun on the meridian and obtain on the lab. arc a reading of 35° 58' 'N.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 19, 20, 29 and 30, mhd. on brass cap T 30 N S 19 in NW. R 15 E S 20 in NE.

S 29 in S.E. and S 30 in S.W. quadrants.

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

Land level and rolling

Soil sandy 2nd and 3rd rates.

No timber

East on a random line bet. sec. 20 and 29.

40.00 Set trip, 1/4 sec, cor.

80.00 Intersect N and S. line at the cor. of sec. 20, 21, 28 and 29, ^{heretofore described} thence run

West on a true line bet. sec. 20 and 29.

Ascend E slope of ridge over hilly sandy land through scattering sage and greasewood brush undergrowth and bunch grass.

0.75 Top of ridge bears N.W. and S.E. desc. S.W. slope

21.00 Dry ravine course S. asc E slope.

37.00 Top of adobe ridge bears N.W. and S.E. descend gently over S.W. slope.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 20 on N. half and S 29 on S. half.

Dig pits 18x18x12 ins. E and W. of post. 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.

55.50 Dry ravine 60 lbs. wide 12 ft. deep course S. asc. E. slope of ridge.

57.00 Top of ridge bears N and S. descend gradually over S.W. slope.

80.00 The cor. of sec. 19, 20, 29 and 30, heretofore described.

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Land hilly.
Soil sandy 3rd rate.
No timber

40.00 S 89° 59' W. on a random line bet. sees. 19 and 30
Set temp 1/4 sec cor.

78.90 Intersect W. ldy. of Mc. 3 lks. N. of the cor. of sees
recently estab. by me and described in Exterior Book "X"
19, 24, 25 and 30. Hence I run

N 89° 58' E on a true line bet. sees. 19 and 30.
Ascend S.W. slope over rolling sandy land through
sage and greasewood brush undergrowth and
tough grass

6.00 Top of sand ridge from N.W. and S.E. desc. N.E.
slope.

36.00 Foot of descent in depression from N and S. drains
South. ascend gently.

38.90 Set an iron post 3 ft. long 1 in in diam. 26 ins. in
the ground for 1/4 sec. cor. marked on brass cap
1/4 S 19 on N. half and S 30 on S. half

Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft. dist. and
raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of
cor.

This cor. is situated on the crest of ridge from N and
S. desc E slope

78.90 The cor. of sees 19, 20, 29 and 30; heretofore described.

Land rolling.
Soil sandy 3rd rate.
No timber

MAY 21st 1909

May 22nd ¹⁹⁰⁹ at 7^h 00^m a.m. ^{L.M.T.} S 35° 58 1/2' N. on
the ldy. are 20° 21' N. on the decl. arc and determine
a meridian with the solar at the cor. of sees. 19
20, 29, and 30. ^{heretofore described} Hence I run

N 8° 03' W. bet. sees 19 and 20.

Ascend S. slope over rolling sandy land through sage
and greasewood brush undergrowth and tough grass

40.00 Set an iron post. 3 ft. long 1 in in diam. 26 ins. in the
ground for 1/4 sec. cor., marked on brass cap 1/4 S 19 on
W. half and S 20 on E half

Dig pits 18 x 18 x 12 ins N and S of post. 3 ft. dist and raise
a mound of earth 3 1/2 ft. base, 1 1/2 ft high W. of cor.

Subdivision of Tp 30 N, R 15 E.

(Chain)

This cor is situated on sand ridge bears NE and SW. desc NW. slope

45.00 Dry ravine Course SW. asc. S.E. slope.

47.00 Top of ridge bears NE and SW. desc NW. slope

49.00 Dry ravine Course SW. asc. S.E. slope.

51.00 Top of ridge bears NE and SW. desc.

54.00 Dry ravine Course SW. asc. S.E. slope

74.00 Top of high sand ridge bears E and W. Enter scattering ~~juniper~~ pine and cedar timber bears E and W. desc. N. slope of ridge

80.00 Set an iron post. 3ft. long 2 ins. in diam. 24 ins in the ground for cor. of sec. 17, 18, 19 and 20. which on brass cap T 30 N S 18 in NW. R 15 E S 17 in NE. S 20 in SE and S 19 in SW. quadrants, from which. A cedar 6 ins in diam. bears N 59° E 288 lks. dist. marked T 30 N, R 15 E S 17 B.T.

A cedar 8 ins in diam. bears S 12½° E 192 lks. dist. marked T 30 N, R 15 E S 20 B.T.

A cedar 6 ins in diam. bears S 28½° W 258 lks. dist. marked T 30 N, R 15 E S 19 B.T.

A cedar 8 ins. in diam. bears N 29¼° W 278 lks. dist. marked T 30 N, R 15 E S 18 B.T.

Land rolling and hilly.
Soil sandy 3rd rate
Timber Juniper pine and cedar.

East on a random line bet. sec. 17 and 20.

40.00 Set temp ¼ sec. cor.

80.00 Intersect N and S. line 3 lks N. of the cor. of sec. 16, 17, 20 and 21, ^{hereinbefore described} thence S run N 79° 59' W, on a true line bet. sec. 17 and 20.

Ascend E. slope of ridge over hilly sandy land through sage and greasewood brush undergrowth and bunch grass

27.5 Top of ridge bears NW and SE. desc SW. slope,

7.00 Depression bears N and S. drained S. asc. E slope

9.00 Ascend abruptly over sand stone ledge soft. high. bears N and S.

10.50 Top of ledge. bears N and S. asc. gradually.

34.00 Top of high sand ridge bears NE and SW. desc.

40.00 Set an iron post. 3ft. long 1 in. in diam. 26 ins in the ground for ¼ sec. cor. marked on brass cap

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- 1/4 S 17 on N. half and S 20 on S half.
 Run a mound of stone 3 1/2 ft. base, 1 1/2 ft. high N. of
 cor. Pits impracticable
- 46.25 Begin abrupt rocky descent over W. slope of mesa
 bears N.W. and S.E.
- 56.00 Enter scattering pinon pine and cedar timber
 bears N. and S.
- 80.00 The cor. of sees. 17, 18, 19 and 20, heretofore described.
 Land hilly.
 Soil sandy and stony 3rd and 4th rate.
 Timber pinon pine and cedar
-
- 40.00 S 89° 58' W, on a random line bet. sees 18 and 19.
 Set temp 1/4 sec. cor.
- 78.82 Intersect W. Eddy, of Twp, at the cor. of sees 13, 18, 19 and 20
 recently estab. by fire and described in Exterior Book "X"
 Thence S. run
- N 89° 58' E on a true line bet. sees 18 and 19
 Over rolling sandy land through sage and greasewood
 brush undergrowth and bunch grass
- 3.00 Leave rolling land bears N. and S., enter hilly land bears
 N. and S. Ascend W. slope of ridge.
- 15.00 Top of sand ridge bears N. and S. desc. E. slope.
- 38.50 Dry, rammed course S. asc.
- 38.82 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for 1/4 sec. cor. marked on brass cap 1/4 S 18
 on N. half and S 19 on S half.
 Dig pits 18 x 15 x 12 ins. East W. of post 3 ft. dist. and raise
 a mound of earth 3 1/2 ft. base 1 1/2 ft. high. N. of cor.
- 53.00 Top of high sand ridge bears N.E. and S.W. desc. S.E. slope.
- 60.00 Leave undergrowth bears N.E. and S.W., enter cultivated
 land bears N.E. and S.W.
- 69.00 Leave cultivated land bears N.E. and S.W. enter scattering
 pinon pine and cedar timber and scattering sage brush
 undergrowth and bunch grass bears N.E. and S.W., ascend
 gradually over N.W. slope.
- 78.82 The cor. of sees. 17, 18, 19 and 20, heretofore described.
 Land rolling and hilly.
 Soil sandy 3rd rate.
 Timber pinon pine and cedar

May 22nd 1909

Subdivision of T30 N, R15 E.

Chain

1909 l.m.t.
May 23rd At 7^h 15^m a.m., Deb off. 35^d 59' N, on the lat. arc. 20^d 33' N, on the decl. arc and determined a meridian with the solar at the cor. of sec. 17, 18, 19 and 20, ^{heretofore described} thence S run. N 0^d 03' W. bet. sec. 17 and 18.

Ascend S. slope over hilly & sandy land through scattering pinon pine and cedar timber and sage brush undergrowth.

3.50

Top of sand ridge bears E and W. desc N. slope.

16.00

Leaves timber and undergrowth bears E and W. Enter cultivated land bears E and W.

23.00

Leaves cultivated land bears E and W., enter scattering pinon pine and cedar timber and sage brush undergrowth bears E and W. Ascend S. slope.

40.00

Set an iron post 3ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 18 m W. half and S 17 on E half. from which.

A cedar 16 ins. in diam. bears N 37 $\frac{1}{2}$ ° E 266 lbs. dist. marked $\frac{1}{4}$ S 17 B.T. No other trees available.

Dug pits 18x18x12 ins. N and S of post. 3ft. dist. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.

52.00

Foot of mesa. Ascend steeply over S.W. slope.

64.50

Top of step ascent on S. edge of mesa bears E and W. Leave hilly land bears E and W. enter rolling sandy land bears E and W.

80.00

Set an iron post 3ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 7, 8, 17 and 18 marked on brass cap T 30 N 87 in NW. R 15 E 38 in NE. S 17 in SE. and S 18 in S.W. quadrant from which.

A cedar 5 ins. in diam. bears N 41 $\frac{1}{2}$ ° E 46 lbs. dist. marked T 30 N R 15 E S 8 B.T.

A cedar 10 ins. in diam. bears S 69° E 114 lbs. dist. marked T 30 N R 15 E S 17 B.T.

A cedar 10 ins. in diam. bears S 66 $\frac{3}{4}$ ° W 82 lbs. dist. marked T 30 N R 15 E S 18 B.T.

A cedar 14 ins. in diam. bears N 41° W 112 lbs. dist. marked T 30 N R 15 E S 7 B.T.

Land hilly.

Soil sandy 3rd rate.

Number pinon pine and cedar.

S 89° 59' E on a random line bet. sec 8 and 17.

40.00

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

79.86

Intersect N and S line 5 lbs. S of the cor. of sec. 8, 9, 16 and 17 ^{heretofore described}

BOOK 2599

- Thence down
 $S 89^{\circ} 59' W$, on a true line bet. secs. 8 and 17.
 Descend N.W. slope over hilly sandy land through scattering
 juniper pine and cedar timber and sage brush undergrowth.
- 1.00 Dry ravine 30 lks. wide course N.W. asc. N.E. slope.
 3.00 Top of ridge bears N.W. and S.E. desc
 27.00 Dry rocky ravine 100 lks wide course S.W. asc.
 39.93 Set an iron post 3ft. long 1 in in diam. 26 ins. in the
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4} S 8$ on
 N. half and $S 17$ on S. half. from which.
 A cedar 10 ins. in diam. bears $N 41^{\circ} E, 96$ lks. dist. marked
 $\frac{1}{4} S 8 B.T.$
 A cedar 9 ins. in diam. bears $S 20^{\circ} E, 221$ lks. dist. marked
 $\frac{1}{4} S 17 B.T.$
- 73.25 Top of high sand ridge bears N. and S. desc
 78.25 Dry ravine 40 lks. wide course S. asc.
 79.86 The cor. of secs. 7, 8, 17 and 18, heretofore described.
 Land hilly.
 Soil sandy 3rd rate.
 Number juniper pine and cedar
-
- $S 89^{\circ} 58' W$, on a random line bet. secs. 7 and 18.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 78.64 Intersect W. line of $N 14$ lks. N. of the cor. of secs
 recently established by $N 14$ and described in Exterior Book "X"
 $7, 12, 13$ and 18 Thence down
- $N 89^{\circ} 52' E$ on a true line bet. secs. 7 and 18.
 Ascend W. slope over hilly sandy and stony land
 through scattering sage and greasewood brush undergrowth.
- 13.00 Top of rocky ridge bears N and S. desc
 14.50 Dry rocky ravine course S. ascent W. slope of mesa
 17.60 Top of steep rocky ascent on mesa bears N.W. and S.E.
 Back hilly land bears N.W. and S.E., enter rolling
 sandy land and scattering juniper pine and cedar timber
 bears N.W. and S.E.
- 38.64 Set an iron post 3ft. long 1 in in diam 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4} S 7$ on N.
 half and $S 18$ on S. half. from which.
 A cedar 7 ins. in diam. bears $N 40^{\circ} W, 204$ lks. dist.
 marked $\frac{1}{4} S 7 B.T.$
 A cedar 8 ins. in diam. bears $S 76^{\circ} W, 241$ lks. dist.
 marked $\frac{1}{4} S 18 B.T.$
- 50.50 Top of high sand ridge bears N and S. desc.

Subdivision of 97/20 N, R 15 E

Chain

78.64 E. slope over hilly broken land.
 The cor. of sec. 7, 8, 17 and 18, heretofore described.
 Land rolling and hilly.
 Soil sandy and stony 3rd and 4th rate.
 Timber pinon pine and cedar.

N 0° 03' W 1/4 bet. Sec 7 and 8.

Descend NW. slope over hilly sandy and stony land through scattering pinon pine and cedar timber and sage brush undergrowth.

0.70 My robin's course S.E. base SW. slope.
 18.50 Begin steep rocky ascent over S. slope of mesa.

20.60 Top of ascent on S. edge of mesa, leave hilly land bear E and W, enter rolling land bear E and W ascend gradually

31.00 An Indian Hogan bear E 20 lbs. dist.
 32.75 An Indian Hogan bear W. 40 lbs. dist.

40.00 Set an iron post. 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 70 W. half and S 80 W. E half. from which. A cedar 14 ins. in diam. bear S 83 1/2° E 44 lbs. dist. marked 1/4 S 8 B.T.

A cedar 4 ins. in diam. bear S 69 1/4° W 17 lbs. dist. marked 1/4 S 7 B.T.

54.00 Top of ridge bear NE and SW desc. gradually over NW. slope

60.00 Leave timber bear E and W.

80.00 Set an iron post. 3 ft. long 2 ins in diam. 24 ins. in the ground for cor. of sec. 5, 6, 7 and 8. marked on brass cap T 30 N S 6 in NW. R 15 E S 5 in NE. S 8 in SE. and S 7 in SW. quadrants.

Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land hilly.
 Soil sandy and stony 3rd and 4th rate.
 Timber pinon pine and cedar.

N 89° 59' E on a random line bet. sec 5 and 8.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect N. and S. line 5 lbs. N. of the cor. of sec. 4 5, 8 and 9. ^{heretofore described} Hence I run

BOOK 2599

- $N 89^{\circ} 59' W$ on a true line bet. sec. 5 and 8.
 Descend rocky n.w. slope over hilly land, through Cedar timber.
 2.00 Dry ravine course S.W. asc.
 12.00 Top of sand ridge bears N.E. and S.W., least timber
 bears N.E. and S.W. descend gradually over n.w. slope.
 24.00 Foot of descent in depression bears N and S. drains S.
 ascend E. slope.
 29.00 Top of ridge bears N and S. desc. W. slope.
 39.95 Set an iron post, 3 ft. long 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$
 S 5 on n. half and S 8 on S. half
 Dig pits 18 x 18 x 12 ins. E and W. of post, 3 ft. deep and
 raise a mound of earth $3\frac{1}{2}$ ft. base $11\frac{1}{2}$ ft. high W.
 of cor.
 78.00 Foot of descent in depression bears N and S. drains
 to the North asc. E. slope.
 79.90 The cor. of sec. 5, 6, 7 and 8, here before described.
 Land hilly.
 Soil sandy 3rd rate.
 Number Cedar.
-
- $S 89^{\circ} 52' W$ on a random line bet. sec. 6 and 7.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 78.60 Intersect W. line of $N\frac{1}{2}$ on the cor. of sec. 1, 6, 7
 recently established by the $N\frac{1}{2}$ described in Exterior Book "X"
 and 13. $N\frac{1}{2}$ sec 6 and 7
 $N 89^{\circ} 52' E$ on a true line bet. sec. 6 and 7.
 Descend E. slope over hilly sandy land through
 scattering pinion pine and cedar timber and sage
 brush undergrowth.
 0.65 Dry ravine course n. asc. W. slope.
 8.00 Top of sand ridge bears N and S. desc. E slope.
 24.10 Dry ravine 50 lbs. wide 5 ft. deep course n.w. asc.
 S.W. slope
 38.60 Set an iron post, 3 ft. long 1 in. in diam 26 ins in the
 ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S.
 6 on n. half and S 7 on S. half., from which
 A cedar 8 ins in diam. bears $N 16\frac{1}{4} W$ 60 lbs. dist.
 marked $\frac{1}{4}$ S 6 B.T.
 A cedar 10 ins in diam. bears $S 7^{\circ} W$ 128 lbs. dist.
 marked $\frac{1}{4}$ S 7 B.T.
 45.00 Least timber bears N.E. and S.W.

Subdivision of Tp. 30 N, R15 E.

Chain

41

- 45.50 Top of high sand ridge bears N. and S. desc. over E. slope.
- 78.60 The cor. of secs. 5, 6, 7 and 8, heretofore described.
Land hilly.
Soil sandy and stony 3rd and 4th rate.
Timber pinon pine and cedar

- 40.00 $N 0^{\circ} 03' W$, on a random line bet. secs 5 and 6.
Set temp $\frac{1}{4}$ sec. cor.
- 74.74 Intersect N. edge of Tp. 4 lks. $589^{\circ} 59' W$ of the cor. of secs. 5, 6, 7 and 8, recently estab. by me and described in Exterior Book "X" ^{Pinon & Cedar}
- $S 0^{\circ} 01' E$ on a true line bet. secs. 5 and 6.
Acres gradually NW, slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass
- 27.00 Dry sand wash 100 lks. wide 2 ft. deep curved NW. asc.
- 39.74 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 60 W W. half and 35 on E half.
Dig pits 18 x 18 x 12 ins. N and S. of post. 3 ft. deep and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
- 44.00 Enter scattering cedar timber bears E. and W.
- 50.00 Bears timber bears NW. and SE.
- 79.74 The cor. of secs. 5, 6, 7 and 8, heretofore described.
Land rolling.
Soil sandy 3rd rate.
Timber pinon pine and cedar timber

MAY 28th 1909

General Description

This township contains every variety of land from level to mountainous, and the soil ranges from stony to sandy loam. The soil along the De Nebo Wash, which flows through the south eastern part of the township in a south westerly direction is a sandy loam mixed with adobe and is capable of producing crops without irrigation. The soil of the remaining portion of the township is capable

BOOK 2599

the stony mountainous portion can nearly all be classed as 3rd rate. produces a heavy growth of different varieties of grasses, affording fine pasture for cattle horses and sheep.

The tops and sides of the mesa portion of the township is covered with a scattering growth of dwarf piñon pine and cedar timber the most of which is too small to be of any value except for wood and posts for fencing purposes.

The vast bodies of sand stone which underlie all of the mesa portion of the township is very soft, disintegrating upon exposure to the wind and rains, and valueless for building purposes.

No mineral was discovered in the township although it is quite probable that beds of coal underlie portions of the township.

The township is watered by small springs and by the De Nebo Wash which flows water for a short time during the early Spring months, and after heavy rains during the Summer months.

There is one spring, referred to upon the Geological maps of this section as the "White Cow Spring" in sec. 12 which furnishes water to a large number of horses and sheep, which graze in this and the adjoining townships.

There are two Hogans in the township, one in sec 7 and the other in sec. 8. which are occupied by the Navajo Indians, who are the only actual settlers in the township.

May 23-1909

Sidney E. Blount

U.S. Examiner of Surveys

NOTE Original Affidavits in book of Subdivision

LIST OF NAMES.

A list of the names of the individuals employed by Sidney E. Blouk
Examining Surveyor
~~Deputy Surveyor~~, United States ~~Deputy Surveyor~~, to assist in running, measuring, and

marking the lines and corners described in the foregoing field notes of the survey of the Subdivision
lines of M. No. 30 N. R. No 15 East of the Gila and Salt River Base and Meridian in
the Territory of Arizona
showing the respective capacities in which they acted:

- Law E. White Compassman
- Lolayette Jennings Chainman.
- Chas. L. Shumway Chainman.
- Fred L. Warner Moundman.
- ~~Moundman.~~
- Arthur A. Beard Axman.
- ~~Axman.~~
- Jay E. Jellick Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____
_____, United States Deputy Surveyor, in surveying all

those parts or portions of the _____

_____ of the _____

_____ meridian, _____, which are represented
in the foregoing field notes as having been surveyed by him and under his direction; and that said survey
has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
corner monuments established according to the instructions furnished by the United States Surveyor
General for _____

See Subdivisional Book "V"

- _____ Chainman.
- _____ Chainman.
- _____ Moundman.
- _____ Moundman.
- _____ Axman.
- _____ Axman.
- _____ Flagman.

Subscribed and sworn to before me this _____
day of _____, 19 _____ }



FINAL OATH OF UNITED STATES EXAMINER OF SURVEYS DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____ United States Surveyor General for _____, bearing date of the _____ day of _____, 19 _____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

See Subdivisional Book

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 19 _____ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25 1, 1914

The foregoing field notes of the survey of the Subdivision lines of

Township 30 North, Range 15 East of the
Gila and Salt River Base and Meridian, Arizona.

executed by Sidney E. Blout, U.S. Examiner of Surveys,
under ~~his contract No.~~ Special Instructions from the Commissioner of the General Land Office,
dated Oct. 2, 1907 and May 15, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.
SURVEYOR-GENERAL OF ARIZONA

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.