

FIELD NOTES

OF ~~THE~~ THE

Survey of:

- ✓ East Boundary of T. 25 N., R. 26 E.
- ✓ East " " T. 25 N., R. 25 E.
- ✓ South " " T. 26 N., R. 26 E.
- ✓ East " " T. 26 N., R. 26 E.
- ✓ East " " T. 26 N., R. 25 E.
- ✓ 6th Guide Meridian E., through T. 25 N., bet. Rgs. 24 and 25 E.
- ✓ 6th " " " " T. 26 N., " " " " " "
- ✓ North Boundary of T. 25 N., R. 25 E.
- North " " T. 26 N., R. 25 E.
- ✓ North " " T. 25 N., R. 24 E. (portion of)

Resurvey of:

- ✓ North Boundary of T. 26 N., R. 26 E.
- East " " T. 27 N., R. 26 E. (portion of)
- ✓ West " " T. 27 N., R. 26 E. (portion of)

(Navajo Indian Reservation)

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Fred'k C. Miller

In the capacity of U. S. Surveyor, under instructions dated June 1, Aug. 10, 1914,
 Commissioner of the General Land Office to A.F. Dunnington,
 issued by the ~~United States Surveyor General to govern surveys included in~~
 Topographer in Charge of Indian Surveys
 Group No. _____, which were approved by the Commissioner of the General Land
 Office, _____, 191

Survey commenced July 31, 1915

Survey completed October 8, 1915

2959

2959

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1A

Book No. 2959

BOOK 2959

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East Boundary of T. 25 N., R. 26 E.

Chains

Survey commenced July 31, 1915, by Fred'k C. Miller, U. S. Surveyor, and executed with a Young & Son's light mountain transit No. 8248, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The iron posts used in this survey are the regular General Land Office iron posts, 36 ins. long, filled with cement, fitted with brass caps and set 26 ins. in the ground. The posts at township corners and section corners on township and range lines are 3 ins. dia., and those at $\frac{1}{4}$, $\frac{1}{16}$, and $\frac{1}{64}$ sec. cors. and meanders cors. are 1 inch dia. Owing to the fact that no iron posts were available at the time the lines were run stone corners were set (as described in the notes) along the E. bdy. of T. 25 N., Rgs. 26 and 27 E., and along the township line bet. Tps. 25 and 26 N., R. 26 E.

Polaris observation taken at my camp in sec. 33, T.27 N., R. 26 E., Lat. $35^{\circ} 42' N.$, Long. $109^{\circ} 34' W.$

July 30, 1915. At 11h 03m p.m., l.m.t., I observe Polaris at Eastern Elongation and mark a point in the line thus determined by a tack in a stake driven in the ground about 10.00 chs. Northerly from my station.

July 31, 1915. At 7.00 a.m., l.m.t., I turn off the azimuth of Polaris, $1^{\circ} 25'$ to the left, or West, and mark the meridian thus determined by a tack in a stake driven in the ground about 10.00 chs. N. of my station.

The meridian obtained is used to make frequent tests of the solar while at work in Tps. 25 and 26 N., R. 26 E.

July 31, 1915. At 9.00 a.m., l.m.t., I set off $35^{\circ} 31'$ on the lat. arc, $18^{\circ} 30' N.$ on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 24 and 25 N., Rgs. 26 and 27 E.

I find this cor. to be a pinon post 4" x4" x 4 ft., rotted off at the ground. The post is marked according to the description in the General Land Office notes and the position of the rotted end of the post in the ground agrees with the position of the cor. as determined from the two bearing trees which are as described in notes of the General Land Office.

To perpetuate this cor., I set a sandstone 6x12x26 ins. 18 ins. in the ground, marked

S C T 25 N and 6 notches on N.

R 27 E and 6 notches on E.

T 24 N on S.

R 26 E and 6 notches on W.

Old bearing trees with marks plainly legible are as

East Boundary of T. 25 N., R. 26 E.

Chains

follows:

Pinon 12 ins. dia. brs. N. $52\frac{1}{4}^{\circ}$ W., 205 lks. dist.
Mkd. T 25 N R 26 E S 36 B T.

Pinon 16 ins. dia. brs. S. $82\frac{1}{2}^{\circ}$ E., 287 lks. dist.
Mkd. T 24 N R 27 E S 6 B T.

New tree -

Pinon 12 ins. dia. brs. N. $28\frac{1}{4}^{\circ}$ E., 287 lks. dist.
Mkd. T 25 N R 27 E S 31 S C B T.

Thence I run

North bet. secs. 31 and 36.

Over rolling land, through pinon and cedar brush and
timber.

26.60 Arroyo 20 lks. wide, 4 ft. deep, course W.

37.00 Road, brs. NW. and SE.

38.20 Arroyo 10 lks. wide, 2 ft. deep, course S. 30° W.

40.00 Set a sandstone 18x10x6 ins., 12 ins. in ground for
 $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, marked $\frac{1}{4}$ on W. face.

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.

No trees suitable for B.T.s.

56.90 Drain, course SW.

64.20 Top of spur brs. SW. Descend gradually.

79.60 Road, brs. E. and W.

80.00 Set a sandstone 8x8x22 ins., 15 ins. in the ground for
cor. of secs. 25, 30, 31 and 36, marked with 5 notches
on N., and 1 notch on S.

Dig 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.

No trees suitable for B.T.s.

Land, rolling.

Soil, 2nd rate.

Timber, small cedar and piñon.

North bet. secs. 25 and 30.

Over rolling land, through brush and timber, descending
gradually along NW. slope.

8.40 Foot of descent. Rocky gulch 30 lks. wide, course SW.
Ascend SE. slope.

12.40 Top of spur brs. SW. Descend along NW. slope.

24.10 Foot of descent. Gulch, course SW. Ascend SE. slope.

32.00 Top of spur, brs. SW.

40.00 Set a sandstone 18x 8x8 ins., 12 ins. in the ground, for

East Boundary of T. 25 N., R. 26 E.

$\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, marked $\frac{1}{4}$ on W.

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

Trees not large enough for bearing trees.

48.40 Arroyo, 100 lks. wide, 10 ft. deep, course SW. Ascend SE. slope.

57.30 Top of rocky ascent, brs. N. 70° E. and S. 70° W. Descend gradually.

80.00 Set a sandstone 25x10x6 ins., 16 ins. in the ground, for the cor. of secs. 19, 24, 25 and 30, marked with 4 notches on N. and 2 notches on S., from which a pinon 24 ins. dia. brs. S. 33° E., 162 lks. dist. Mkd. T 25 N R 27 E S 30 B T.

No other trees suitable for bearing trees.

Dig 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, 2nd rate.

Timber, small cedar and pinon.

North bet. secs. 19 and 24.

Over rollingland, through pinon and cedar brush and timber,

16.20 Road, brs. NE. and SW.

40.00 Set a sandstone 16x8x6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, mkd. $\frac{1}{4}$ on W.

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.

No trees suitable for B.T.s.

41.60 Arroyo 40 lks. wide, 2 ft. deep, course SW. Begin gradual ascent, brs. NE. and SW.

47.00 Road, brs. NW. and SE.

80.00 Set a sandstone 24x10x6 ins., 16 ins. in the ground, for the cor. of secs. 13, 18, 19 and 24, mkd. with 3 grooves on N. and 3 grooves on S.

Dig 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.

No trees large enough for bearing trees.

Land, rolling.

Soil, 3rd rate.

Timber, scrub pinon and cedar,

East Boundary of T. 25 N., R. 26 E.

North bet. secs. 13 and 18.

Over rolling land, through pinon and cedar brush and timber, ascending gradually from cor.

40.00 Set a sandstone 22x8x8 ins., 14 ins. in the ground, for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, mkd. $\frac{1}{4}$ on W., from which -

A pinon 12 ins. dia. brs. N. $44\frac{1}{2}^{\circ}$ E., 146 lks. dist.
Mkd. $\frac{1}{4}$ S 18 B T.

A pinon 12 ins. dia. brs. N. $73\frac{1}{2}^{\circ}$ W., 110 lks. dist.
Mkd. $\frac{1}{4}$ S 13 B T.

80.00 Set a sandstone 24x5x12 ins., 16 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, mkd. with 2 grooves on N. and 4 grooves on S., from which -

A pinon 10 ins. dia. brs. N. $39\frac{1}{2}^{\circ}$ E., 154 lks. dist.
Mkd. T 25 N R 27 E S 7 B T.

Pinon 10 ins. dia. brs. S. $21\frac{1}{2}^{\circ}$ E., 325 lks. dist.
Mkd. T 25 N R 27 E S 18 B T.

Pinon 8 ins. dia. brs. S. $30\frac{1}{2}^{\circ}$ W., 207 lks. dist.
Mkd. T 25 N R 26 E S 13 B T.

Pinon 8 ins. dia. brs. N. 45° W., 166 lks. dist.
Mkd. T 25 N R 26 E S 12 B T.

Land, rolling.

Soil, 3rd rate.

Timber, scrub cedar and pinon.

Cloudy at Noon today; no observation for lat. July 31.

Aug. 2, 1915. At 8.00 a.m., l.m.t., I set off $35^{\circ} 34'$ on the lat. arc, $17^{\circ} 58'$ N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 7, 12, 13 and 18.

Thence I run

North bet. secs. 7 and 12.

Over rolling land, through scrub cedar and pinon.

22.00 Top of ascent, brs. E. and W. Descend.

37.50 Foot of descent. Arroyo 5 lks. wide, 2 ft. deep, course S. 80° W.

40.00 Set a sandstone 18x18x8 ins., 12 ins. in the ground for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, mkd. $\frac{1}{4}$ on W., from which -

Pinon 14 ins. dia. brs. N. $14\frac{1}{2}^{\circ}$ E., 36 lks. dist.
Mkd. $\frac{1}{4}$ S 7 B T.

Pinon 8 ins. dia. brs. S. $39\frac{3}{4}^{\circ}$ W., 54 lks. dist.
Mkd. $\frac{1}{4}$ S 12 B T.

73.00 Top of low ridge brs. NE. and SW. Descend gradually.

80.00 Set a sandstone 20x10x6 ins., 12 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, mkd. with 1 notch on N. and 5 notches on S., from which

East Boundary of T. 25 N., R. 26 E.

Chains

A pinon 8 ins. dia. brs. N. 3° E., 102 lks. dist.
Mkd. T 25 N R 27 E S 6 B T.

Pinon 8 ins. dia. brs. S. 81 $\frac{3}{4}$ ° E., 79 lks. dist.
Mkd. T 25 N R 27 E S 7 B T.

Cedar 24 ins. dia. brs. S. 77° W., 28 lks. dist.
Mkd. T 25 N R 26 E S 12 B T.

Pinon 14 ins. dia. brs. N. 14 $\frac{3}{4}$ ° W., 97 lks. dist.
Mkd. T 25 N R 26 E S 1 B T.

Land, rolling.
Soil, 3rd rate.
Timber, scrub cedar and pinon.

North bet. secs. 1 and 6.

Over rolling land, through cedar and pinon timber,
gradually descending from cor.

27.70 Foot of descent. Drain, course W. Ascend E. and W.

34.30 Top of low ridge brs. N. 75° W. and S. 75° E.
Descend gradually.

40.00 Set a sandstone 22x8x6 ins., 14 ins. in the ground, for
 $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, mkd. $\frac{1}{4}$ on W., from
which -

A pinon 8 ins. dia. brs. N. 13° E., 56 lks. dist.
Mkd. $\frac{1}{4}$ S 6 B T.

A pinon 10 ins. dia. brs. S. 55° W., 60 lks. dist.
Mkd. $\frac{1}{4}$ S 1 B T.

67.60 Road, brs. N. 70° W. and S. 70° E.

80.00 Set an iron post 3 ins. dia. for cor. of Tps. 25 and 26
N., Rgs. 26 and 27 E., with brass cap stamped

T 26 N in N.
R 27 E S 31 in NE.
T 25 N in S.
S 6 in SE.
S 1 in SW.
R 26 E S 36 in NW.

Dig pits 24x24x12 ins. on each line N., E. and W. 4
ft., and S. of post 8 ft. dist.; and raise a mound of
earth 5 ft. base, 2 $\frac{1}{2}$ ft. high, S. of cor.

No trees large enough for bearing trees.

Land, rolling.
Soil, 3rd rate.
Timber, scrub cedar and pinon.

Aug. 2, 1915.

East Boundary of T. 25 N., R. 25 E.

Chains

Aug. 3, 1915. At 8.00 a.m., l.m.t., I set off $35^{\circ} 31'$ on the lat. arc, $17^{\circ} 43'$ N. on the decl. arc, and determine a meridian with the solar at the S.C. of Tps. 24 and 25 N., Rgs. 25 and 26 E.

After diligent search for this original corner post and for the stone reported to have been buried under ground, I find no evidence of either. I then go to the NE. bearing tree which is marked and described as reported in General Land Office notes, and measure a line S. $81^{\circ} W.$, ^{90 lks.} and set a point. I then go to the NW. bearing tree which is also as described in General Land Office notes, and measure S. $40^{\circ} E.$, 117 lks., and set a point. These two points do not agree by about 11 lks. I find no SE. tree as reported.

I then reestablish the corner in the following manner:

From the NE. bearing tree I describe an arc with my chain with a radius of 90 lks., which is the reported distance of the tree from the original cor. I then go to the NW. bearing tree and proceed in the same way, using 117 lks. as a radius for my arc. At the intersection of these two arcs, I set an iron post 3 ins. dia., for S.C. of Tp ~~24~~ 25 N., Rgs. 25 and 26 E. with cap stamped

S C T 25 N in N.
R 26 E S 31 in NE.
T 25 S in S.
R 25 E S 36 in NW.
1915 in S.

From which the old bearing trees with marks plainly legible bear as follows:

Pinon 17 ins. dia. brs. N. $72^{\circ} E.$, 90 lks. dist.
Mkd. T 25 N R 26 E S 31 B T.

Pinon 15 ins. dia. brs. N. $47\frac{1}{2}^{\circ} W.$, 117 lks. dist.
Mkd. T 25 N R 25 E S 36 B T.

Thence I run

North bet. secs. 31 and 36.

Over rolling land, through pinon and cedar brush and timber.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, with brass cap stamped

$\frac{1}{4}$ in N.
S 36 in W.
S 31 in E.
1915 in S.

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.

No trees suitable for bearing trees.

70.80 Drain, course S. $70^{\circ} W.$

80.00 Set an iron post 3 ins. dia., for cor. of secs. 25, 30, 31 and 36, with brass cap stamped

East Boundary of T. 25 N., R. 25 E.

Chains

T 25 N in N.
R 25 E S 25 in NW.
R 26 E S 30 in NE.
S 31 in SE.
S 36 in SW.
1915 in S.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

No trees suitable for bearing trees.

Land, rolling,
Soil, 2nd rate.
Timber, scrub cedar and pinon.

North bet. secs. 25 and 30.

Over rolling land, through scrub cedar and pinon.

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped

¼ in N.
S 25 in W.
S 30 in E.
1915 in S., from which

A pinon 6 ins. dia. brs. S. 82½° E., 48 lks. dist.
Mkd. ¼ S 30 B T.

A pinon 5 ins. dia. brs. N. 33° W., 40 lks. dist.
Mkd. ¼ S 25 B T.

56.00 Top of low ridge, brs. NE. and SW. Descend gradually.

65.00 Foot of descent. Drain, course S. 80° W.

80.00 Set an iron post 3 ins. dia. for cor. of secs. 19, 24, 25 and 30, with brass cap stamped

T 25 N in N.
R 25 E S 24 in NW.
R 26 E S 19 in NE.
S 30 in SE.
S 25 in SW.
1915 in S., from which

A pinon 6 ins. dia. brs. N. 35° E., 130 lks. dist.
Mkd. T 25 N R 26 E S 19 B T.

A pinon 7 ins. dia. brs. S. 55° E., 114 lks. dist.
Mkd. T 25 N R 26 E S 30 B T.

A pinon 12 ins. dia. brs. S. 38° W., 119 lks. dist.
Mkd. T 25 N R 25 E S 25 B T.

A pinon 8 ins. dia. brs. N. 81° W., 103 lks. dist.
Mkd. T 25 N R 25 E S 24 B T.

Land, rolling.
Soil, 3rd rate.
Timber, cedar and pinon trees and brush.

East Boundary of T. 25 N., R. 25 E.

Chains

North bet. secs. 19 and 24.

Over rolling land, through cedar and pinon brush and timber, ascending gradually.

3.00 Top of ridge, brs. NE. and SW. Descend gradually.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, with brass cap stamped

- $\frac{1}{4}$ in N.
- S 24 in W.
- S 19 in E.
- 1915 in S., from which

A pinon 12 ins. dia. brs. S. 78° E., 128 lks. dist.
Mkd. $\frac{1}{4}$ S 19 B T.

No other trees in vicinity.

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

46.50 Foot of descent. Draw, course S. 80° W.; ascend gradually.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped

- T 25 N in N.
- R 25 E S 13 in NW.
- R 26 E S 18 in NE.
- S 19 in SE.
- S 24 in SW.
- 1915 in S., from which

A pinon 8 ins. dia., brs. N. $71\frac{1}{2}^\circ$ E., 61 lks. dist.
Mkd. T 25 N R 26 E S 18 B T.

A pinon 9 ins. dia. brs. S. $9\frac{1}{2}^\circ$ E., 112 lks. dist.
Mkd. T 25 N R 26 E S 19 B T.

A cedar 14 ins. dia. brs. S. $46\frac{3}{4}^\circ$ W., 67 lks. dist.
Mkd. T 25 N R 25 E S 24 B T.

Land, rolling.
Soil, 3rd rate.
Timber, scrub cedar and pinon.

Aug. 3, 1915. At the above cor., I set off $17^\circ 40'$ N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $35^\circ 34'$, which is within 1' of the correct lat.

North bet. secs. 13 and 18.

Over rolling land, through brush and timber, ascending gradually from cor.

3.00 Top of ascent, brs. NE. and SW.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, with brass cap stamped

- $\frac{1}{4}$ in N.
- S 13 in W.
- S 18 in E.
- 1915 in S.

East Boundary of T. 25 N., R. 25 E.

Chains

From which -

A pinon 7 ins. dia. brs. N. $8\frac{1}{2}^{\circ}$ E., 200 lks. dist.
Mkd. $\frac{1}{4}$ S 18 B T.

A pinon 7 ins. dia. brs. S. $15\frac{1}{2}^{\circ}$ W., 126 lks. dist.
Mkd. $\frac{1}{4}$ S 13 B T.

53.00 Leave timber, brs. NE. and SW.

80.00 Set an iron post 3 ins. dia., for cor. of secs. 7, 12, 13 and 18, with brass cap stamped

T 25 N on N,
R 25 E S 12 in NW.
R 26 E S 7 in NE.
S 18 in SE,
S 13 in SW.
1915 in S.

Dig 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, 2nd rate.

Timber, scrub cedar and pinon, 53.00 chs.

Aug. 3, 1915.

Aug. 4, 1915. At 8.00 a.m., l.m.t., I set off $35^{\circ} 34'$ on the lat. arc, $17^{\circ} 27'$ N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 7, 12, 13 and 18.

North bet. secs. 7 and 12.

Over rolling sage brush land.

39.00 Enter timber, brs. E. and W.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with brass cap stamped

$\frac{1}{4}$ in N.
S 12 in W.
S 7 in E.
1915 in S., from which -

A pinon 8 ins. dia. brs. S. 26° E., 100 lks. dist.
Mkd. $\frac{1}{4}$ S 7 B T.

A pinon 5 ins. dia. brs. N. 11° W., 42 lks. dist.
Mkd. $\frac{1}{4}$ S 12 B T.

42.00 Top of ridge, brs. E. and W. Descend gradually.

47.20 Drain, course S. 70° W. Ascend gradually.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped

T 25 N in N.
R 26 E S 6 in NE.
R 25 E S 1 in NW.
S 7 in SE.
S 12 in SW.
1915 in S.

East Boundary of T. 25 N., R. 25 E.

Chains.

Dig pits 18x18x12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

No trees large enough for bearing trees.

Land, rolling.

Soil, 3rd rate.

Timber, scrub cedar and pinon, 41.00 chs.

North bet. secs. 1 and 6.

Over rolling land, through cedar and pinon brush and timber, ascending from cor.

2.40 Top of ascent, brs. N. 75° E. and S. 75° W. Descend gradually.

9.00 Leave brush and timber, brs. E. and W.

34.30 Foot of descent. Drain, course W. Ascend gradually.

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped

¼ in N.
S 1 in W.
S 6 in E.
1915 in S.

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

45.75 Enter brush and timber, brs. E. and W.

57.00 Leave timber, brs. N. 75° E. and S. 75° W.

80.00 Set an iron post 3 ins. dia., for the cor. of Tps. 25 and 26 N., Rgs. 25 and 26 E., with brass cap stamped

T 26 N in N.
R 25 E S 36 in NW.
R 26 E S 31 in NE.
S 6 in SE.
S 1 in SW.
T 25 N 1915 in S.

Dig pits 24x24x12 ins. on each line, N., E. and W. 4 ft. dist.; and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, 2½ ft. high, S. of cor.

Land, rolling.

Soil, 3rd rate.

Timber, scrub cedar and pinon, 21.25 chs.

Aug. 4, 1915.

South Boundary of T. 26 N., R. 26 E.

Chains

Aug. 5, 1915. At 8.00 a.m., l.m.t., I set off 35° 36' on the lat. arc, 17° 11' N. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 25 and 26 N., Rgs. 26 and 27 E.

Thence I run

West on a random line bet. Tps. 25 and 26 N., R. 26 E., setting temp. cors. at intervals of 40.00 chs.

479.42 Falls 27 lks. S. of the cor. of Tps. 25 and 26 N., Rgs. 25 and 26 E.

The falling answers to a correction of 0° 02' or 4½ lks. to the mile counting from the NE. cor. of the tp.

Thence I run

S. 89° 58' E. on a true line bet. secs. 6 and 31.

Over rolling land, descending.

12.60 Road, brs. N. 10° W., and S. 10° E.

21.50 Enter brush and timber, brs. N. and S.

39.42 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 6 and 31, with brass cap stamped

¼ in W.
S 31 in N.
S 6 1915 in S.

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

No trees large enough for bearing trees.

45.20 Arroyo 10 lks. wide, 2 ft. deep, course NE. Ascend NW. slope.

71.00 Top of spur brs. N. Descend gradually over broken land.

79.42 Set an iron post 3 ins. dia. for the cor. of secs. 5, 6, 31 and 32, with brass cap stamped

T 26 N R 26 E on N.
S 31 in NW.
S 32 in NE.
S 5 in SE.
S 6 in SW.
T 25 N 1915 in S., from which

A cedar 30 ins. dia. brs. N. 77° E., 82 lks. dist.
Mkd. T 26 N R 26 E S 32 B T.

A pinon 10 ins. dia. brs. S. 13° E., 89 lks. dist.
Mkd. T 25 N R 26 E S 5 B T.

A cedar 8 ins. dia. brs. S. 30½° W., 132 lks. dist.
Mkd. T 25 N R 26 E S 6 B T.

Pits impracticable.

Land, rolling and broken.

Soil, 3rd rate.

Timber, scrub cedar and pinon, 67.92 chs.

South Boundary of T. 26 N., R. 26 E.

Chains	
	S. 89° 58' E. bet. secs. 5 and 32.
	Over rolling land, through cedar and pinon brush and timber.
8.70	Arroyo, 20 lks. wide, 2 ft. deep, course N. 5° E.
31.00	Road, brs. N. and S.
40.00	Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 5 and 32, with brass cap stamped
	$\frac{1}{4}$ in W. S 32 in N. S 5 1915 in S.
	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.
	No trees large enough for bearing trees.
53.80	Arroyo, 15 lks. wide, course N.
80.00	Set a sandstone 24x8x8 ins., 18 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked with 2 grooves on W. and 4 grooves on E.
	Dig 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, 3rd rate. Scrub cedar and pinon timber.

	S. 89° 58' E. bet. secs. 4 and 33.
	Over rolling land, through scrub cedar and pinon.
40.00	Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 4 and 33, with brass cap stamped
	$\frac{1}{4}$ in W. S 33 in N. S 4 1915 in S.
	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.
	No trees large enough for bearing trees.
53.00	Leave timber brs. N. and S.
80.00	Set a sandstone 26x8x10 ins. 18 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked with 3 notches on W. and 3 notches on E.
	Dig 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, 3rd rate. Timber, scrub cedar and pinon, 53.00 chs.

South Boundary of T. 26 N., R. 26 E.

Chains

S. 89° 58' E. bet. secs. 3 and 34.

Over rolling sage brush land.

- 13.80 Arroyo 40 lks. wide, 6 ft. deep, course N.
- 22.80 Arroyo 20 lks. wide, 3 ft. deep, course NW.
- 24.50 Road, brs. NW. and SE.
- 36.30 Road, brs. NE. and SW.
- 37.00 Enter timber brs. N. and S.
- 40.00 Set an iron post 1 inch dia., for the $\frac{1}{4}$ sec. cor. bet. secs. 3 and 34, with brass cap stamped
- $\frac{1}{4}$ in W.
S 34 in N.
S 3 1915 in S., from which
- A pinon 12 ins. dia. brs. S. 89° W., 32 lks. dist.
Mkd. $\frac{1}{4}$ S 3 B T.
- A pinon 10 ins. dia. brs. N. 34° E., 154 lks. dist.
Mkd. $\frac{1}{4}$ S 34 B T.
- 44.00 Top of low spur, brs. S. Indian jogan brs. S. 10 lks. dist.
- 45.34 Fence, brs. NE. and SW.
Leave timber, brs. N. and S.
- 56.40 Fence, brs. NW. and SE.
- 61.90 Road, brs. NW. and SE.
- 80.00 Set a sandstone 24x8x8 ins., 16 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked with 4 grooves on W. and 2 grooves on E.
- Dig 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, 3rd rate.
Timber, scrub cedar and pinon 7.00 chs.
- Aug. 5, 1915. At the above cor. I set off 17° 08' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 35° 36', which is within 1' of the proper lat.

S. 89° 58' E. bet. secs. 2 and 35.

Over rolling land, through sage brush.

- 25.00 Arroyo, 120 lks. wide, 10 ft. deep, course N. 80° W.
- 40.00 Set an iron post 1 inch in dia., for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, with brass cap stamped
- $\frac{1}{4}$ in W.
S 35 in N.
S 2 1915 in S.

South Boundary of T. 26 N., R. 26 E.

Chains

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 Set a sandstone 24x8x8 ins., 16 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked with 5 notches on W. and 1 notch on E.

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

Land, rolling.
Soil, 3rd rate.
No timber.

S. 89° 58' E. bet. secs. 1 and 36.

Over rolling land, through sage brush.

24.40 Road brs. NW. and SE.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, with brass cap stamped

$\frac{1}{4}$ in W.
S 36 in N.
S 1 1915 in S.

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.

69.60 Arroyo, 20 lks. wide, 4 ft. deep, course S. 20° W,

80.00 The cor. of Tps. 25 and 26 N., Rgs. 26 and 27 E., previously described.

Land, rolling.
Soil, 3rd rate.
No timber.
Sage brush.

Aug. 5, 1915.

East Boundary of T. 26 N., R. 26 E.

Chains

Aug. 6, 1915. At 7.00 a.m., l.m.t., I set off $35^{\circ} 36'$ on the lat arc, $16^{\circ} 56'$ N. on the decl. arc, and determine a meridian with the solar at the corner of Tps. 25 and 26 N., Rgs. 26 and 27 E.

Thence I run

North bet. secs. 31 and 36.

Over rolling land, through cedar and pinon brush and timber, ascending.

6.00 Top of ascent, brs. N. 60° E. and S. 60° W.
Continue over rolling land.

40.00 Set an iron post 1 inch dia., for the $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, with brass cap stamped

$\frac{1}{4}$ in N.
S 36 in W.
S 31 in E.
1915 in S., from which

A pinon 14 ins. dia. brs. N. 51° E., 47 lks. dist.
Mkd. $\frac{1}{4}$ S 31 B T.

A pinon 8 ins. dia. brs. N. $48\frac{1}{2}^{\circ}$ W., 104 lks. dist.
Mkd. $\frac{1}{2}$ S 36 B T.

49.50 Foot of descent.
Drain, course S. 75° W. Ascend gradually.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped

T 26 N in N.
R 26 E S 25 in NW.
R 27 E S 30 in NE.
S 31 in SE.
S 36 in SW.
1915 in S., from which

A pinon 8 ins. dia. brs. N. $58\frac{3}{4}^{\circ}$ E., 54 lks. dist.
Mkd. T 26 N R 27 E S 30 B T.

A pinon 10 ins. dia. brs. S. $75\frac{3}{4}^{\circ}$ E., 59 lks. dist.
Mkd. T 26 N R 27 E S 31 B T.

A pinon 8 ins. dia. brs. S. $15\frac{1}{2}^{\circ}$ W., 80 lks. dist.
Mkd. T 26 N R 26 E S 36 B T.

A pinon 10 ins. dia. brs. N. $56\frac{1}{2}^{\circ}$ W., 61 lks. dist.
Mkd. T 26 N R 26 E S 25 B T.

Land, rolling.

Soil, 3rd rate.

Timber, scrub cedar and pinon brush and timber.

North bet. secs. 25 and 30.

Over rolling land, through sage brush, cedar and pinon brush and timber.

6.00 Top of low ridge, brs. N. 60° E. and S. 60° W.
Continue over rolling land.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, with brass cap stamped

East Boundary of T. 26 N., R. 26 E.

Chains

1/4 in N.
S 25 in W.
S 30 in E.
1915 in S., from which

A pinon 14 ins. dia. brs. S. 37 1/2° E., 18 lks. dist.
Mkd. 1/4 S 30 B T.

A pinon 8 ins. dia. brs. S. 56 1/4° W., 40 lks. dist.
Mkd. 1/4 S 25 B T.

45.90 Top of low ridge, brs. N. 60° E. and S. 60° W.
Descend gradually.

52.00 Leave timber, brs. NE. and SW.

72.00 Foot of gradual descent. Drain, course SW.
Ascend gradually.

80.00 Set an iron post 3 ins. dia. for the cor. of secs. 19,
24, 25 and 30, with brass cap stamped

T 26 N in N.
R 26 E S 24 in NW.
R 27 E S 19 in NE.
S 30 in SE.
S 25 in SW.
1915 in S.

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

Land, rolling.
Soil, 3rd rate.
Timber, scrub cedar and pinon, 72.00 chs.

North bet. secs. 19 and 24.

Over rolling sage brush land.

28.60 Enter cedar and pinon timber, brs. E. and W.

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs.
19 and 24, with brass cap stamped

1/4 in N.
S 24 in W.
S 19 in E.
1915 in S., from which

A pinon 6 ins. dia. brs. N. 29° W., 36 lks. dist.
Mkd. 1/4 S 24 B T,

A cedar 12 ins. dia. brs. S. 38 1/4° E., 41 lks. dist.
Mkd. 1/4 S 19 B T.

50.00 Top of lot ridge, brs. E. and W. Descend gradually.

72.40 Foot of gradual descent.
Drain, course SW.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 13,
18, 19 and 24, with brass cap stamped

East Boundary of T. 26 N., R. 26 E.

Chains

T 26 N in N.
R 26 E S 13 in NW.
R 27 E S 18 in NE.
S 19 in SE.
S 24 in SW.
1915 in S., from which

A cedar 14 ins. dia. brs. N. $76\frac{1}{2}^\circ$ E., 75 lks. dist.
Mkd. T 26 N R 27 E S 18 B T.

A pinon 8 ins. dia. brs. S. $54\frac{1}{2}^\circ$ E., 105 lks. dist.
Mkd. T 26 N R 27 E S 19 B T.

A cedar 8 ins. dia. brs. S. $70\frac{1}{4}^\circ$ W., 11 lks. dist.
Mkd. T 26 N R 26 E S 24 B T.

A pinon 8 ins. dia. brs. N. $31\frac{3}{4}^\circ$ W., 36 lks. dist.
Mkd. T 26 N R 26 E S 13 B T.

Land, rolling.
Soil, 3rd rate.
Timber, scrub cedar and pinon, 51.40 chs.

Aug. 6, 1915. At the above cor. I set off $16^\circ 52'$ N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $35^\circ 38'$, which is within 1' of the correct lat.

North bet. secs. 13 and 18.

Over rolling land, through cedar and pinon brush and timber; ascending gradually.

38.70 North edge of mesa, brs. E. and W.
Descend about 150 ft., over broken land.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, with brass cap stamped

$\frac{1}{4}$ in N.
S 13 in W.
S 18 in E.
1915 in S., from which

A pinon 8 ins. dia., brs. S. 66° E., 5 lks. dist.
Mkd. $\frac{1}{4}$ S 18 B T.

A pinon 8 ins. dia. brs. N. 87° W., 31 lks. dist.
Mkd. $\frac{1}{4}$ S 13 B T.

66.00 Foot of descent, brs. E. and W. Thence over rolling land, descending gradually.

80.00 Set an iron post for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped

T 26 N in N.
R 26 E S 12 in NW.
R 27 E S 7 in NE.
S 18 in SE.
S 13 in SW.
1915 in S., from which

A pinon 8 ins. dia. brs. S. $39^\circ 45'$ E., 16 lks. dist.
Mkd. T 26 E R 27 E S 18 B T.

East Boundary of T. 26 N., R. 26 E.

Chains

A pinon 8 ins. dia. brs. S. 36° 45' W., 22 lks. dist.
Mkd. T 26 N R 26 E S 13 B T.

A pinon 8 ins. dia. brs. N. 77° 45' W., 94 lks. dist.
Mkd. T 26 N R 26 E S 12 B T.

Land, rolling.
Soil, 3rd rate.
Timber, scrub cedar and pinon.

Aug. 6, 1915.

Aug. 7, 1915. At 8.00 a.m., l.m.t., I set off 35° 39' on the lat. arc, 16° 39' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 7, 12, 13 and 18.

Thence I run

North bet. secs. 7 and 12.

Over rolling land, through cedar and pinon brush and timber, descending gradually.

1.00 Leave timber and brush brs. NW. and SE.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with brass cap stamped

$\frac{1}{4}$ in N.
S 12 in W.
S 7 in E.
1915 in S.

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.

76.70 Road, brs. E. and W.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped

T 26 N in N.
R 26 E S 1 in NW.
R 27 E S 6 in NE.
S 7 in SE.
S 12 in SW.
1915 in S.

Dig 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, 3rd rate.
Timber, scrub cedar and pinon, 1.00 ch.

North bet. secs. 1 and 6.

Over rolling sage brush land.

East Boundary of T. 26 N., R. 26 E.

Chains

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 6, with brass cap stamped

$\frac{1}{4}$ in N.
S 1 in W.
S 6 in E.
1915 in S.

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.

80.00 Set an iron post 3 ins. dia. for the cor. of Tps. 26 and 27 N., Rgs. 26 and 27 E., with brass cap stamped

T 27 N in N.
R 26 E S 36 in NW,
R 27 E S 31 in NE.
S 6 in SE.
S 1 in SW.
T 26 N 1915 in S., from which

A pinon 24 ins. dia. brs. N. $55\frac{1}{2}^{\circ}$ E., 156 lks. dist.
Mkd. T 27 N R 27 E S 31 B T.

A pinon 18 ins. dia. brs. N. $37\frac{1}{2}^{\circ}$ W., 268 lks. dist.
Mkd. T 27 N R 26 E S 36 B T.

No other trees suitable for bearing trees.

Dig pits 24x24x12 ins. on line N., E. and W. 4 ft., and S. of post 8 ft. dist.; and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high, S. of cor.

The old Tp. cor., as described by the General Land Office, is North 6.94 chs. and West 7.84 chs. The old pinon post is rotted off and I chop out markings on the old bearing trees.

Land, rolling.

Soil, 3rd rate.

No timber excepting a few small pinons at the end of line.

Aug. 7, 1915.

Note: It will be noticed that I could not close within limits on the cor. of Tps. 26 and 27 N., Rgs. 26 and 27 E., and in order to avoid complications that would develop in later surveys, I established a new township corner. Markings on all old corners that were found in T. 27 N., R. 26 E., were destroyed.

East Boundary of T. 26 N., R. 25 E.

Chains	
	<p>Aug. 9, 1915. At 8.00 a.m., l.m.t., I set off 35° 36' on the lat. arc, 16° 05' N. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 25 and 26 N., Rgs. 25 and 26 E., previously described.</p> <p>Thence I run</p> <p>North bet. secs. 31 and 36.</p> <p>Over rolling land, through sage brush, ascending gradually.</p>
17.00	Top of ascent, brs. E. and W. Descend gradually.
18.55	Road, brs. N. 60° E. and S. 60° W.
24.75	Enter brush and timber, brs. E. and W.
40.00	<p>Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, with brass cap stamped</p> <p style="padding-left: 40px;">$\frac{1}{4}$ in N. S 36 in W. S 31 in E. 1915 in S., from which</p> <p style="padding-left: 40px;">A pinon 8 ins. dia. brs. N. 62$\frac{1}{2}$° E., 68 lks. dist. Mkd. $\frac{1}{4}$ S 31 B T.</p> <p style="padding-left: 40px;">A pinon 12 ins. dia. brs. S. 12$\frac{1}{2}$° W., 59 lks. dist. Mkd. $\frac{1}{4}$ S 36 B T.</p>
42.00	Foot of gradual descent. Draw, course N. 75° W. Ascend gradually.
49.00	Top of ascent. Spur brs. W. Descend along NW. slope.
69.70	Foot of gradual slope. Arroyo, 20 lks. wide, 5 ft. deep, course N. 40° E. Ascend gradually.
78.00	Top of gradual ascent brs. E. and W. Descend gradually.
80.00	<p>Set an iron post 3 ins. dia., for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped</p> <p style="padding-left: 40px;">T 26 N in N. R 25 E S 25 in NW. R 26 E S 30 in NE. S 31 in SE. S 36 in SW. 1915 in S., from which</p> <p style="padding-left: 40px;">A pinon 8 ins. dia. brs. N. 43° E., 168 lks. dist. Mkd. T 26 N R 26 E S 30 B T.</p> <p style="padding-left: 40px;">A pinon 10 ins. dia. brs. S. 35° E., 116 lks. dist. Mkd. T 26 N R 26 E S 31 B T.</p> <p style="padding-left: 40px;">A pinon 6 ins. dia. brs. S. 40° 45' W., 91 lks. dist. Mkd. T 26 N R 25 E S 36 B T.</p> <p style="padding-left: 40px;">A pinon 6 ins. dia. brs. N. 6° W., 101 lks. dist. Mkd. T 26 N R 25 E S 25 B T.</p>
	<p>Land, rolling, Soil, 3rd rate. Timber, scrub cedar and pinon.</p>

East Boundary of T. 26 N., R. 25 E.

Chains

North bet. secs. 25 and 30.

Over rolling land, through pinon and cedar timber.

16.25 Leave timber, brs. E. and W.

20.20 Arroyo, 20 lks. wide, course W.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, with brass cap stamped

$\frac{1}{4}$ in N.
S 25 in W.
S 30 in E.
1915 in S.

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.

41.15 Top of ^{low} ridge, brs. E. and W. Descend gradually.

43.20 Road brs. E. and W. Enter timber brs. E. and W.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped

T 26 N in N.
R 25 E S 24 in NW.
R 26 E S 19 in NE.
S 30 in SE.
S 25 in SW.
1915 in S., from which

A cedar 8 ins. dia. brs. S. $32\frac{1}{2}^{\circ}$ E., 237 lks. dist.
Mkd. T 26 N R 26 E S 30 B T.

A cedar 10 ins. dia. brs. S. 57° W., 80 lks. dist.
Mkd. T 26 N R 25 E S 25 B T.

A pinon 24 ins. dia. brs. N. $46\frac{1}{2}^{\circ}$ W., 528 lks. dist.
Mkd. T 26 N R 25 E S 24 B T.

No other trees suitable for bearing trees.

Land, rolling.
Soil, 3rd rate.
Timber, cedar and pinon 16.26 chs.
Scattered brush and timber, 36.00 chs.

North bet. secs. 19 and 24.

Over rolling land, through cedar and pinon brush and timber.

.70 Arroyo, 15 lks. wide, course N. 70° W.

39.50 Road, brs. N. 80° E. and S. 80° W.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, with brass cap stamped

$\frac{1}{4}$ in N.
S 24 in W.
S 19 in E.
1915 in S., from which

East Boundary of T. 26 N., R. 25 E.

3400 1959

Chains	
	<p>A pinon 12 ins. dia. brs. N. $39\frac{1}{2}^\circ$ E., 268 lks. dist. Mkd. $\frac{1}{4}$ S 19 B T.</p> <p>A cedar 10 ins. dia. brs. N. 80° W., 4 lks. dist. Mkd. $\frac{1}{4}$ S 24 B T.</p>
46.80	Begin steep ascent, brs. NE. and SW.
49.45	Top of steep ascent, 80 ft. high, brs. NE. and SW. Thence over rolling land.
58.25	Descend gradually along NW. slope.
80.00	Set an iron post 3 ins. dia., for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped
	<p>T 26 N in N. R 25 E S 13 in NW. R 26 E S 18 in NE. S 19 in SE. S 24 in SW. 1915 in S., from which</p>
	<p>A pinon 6 ins. dia. brs. N. 62° E., 38 lks. dist. Mkd. T 26 N R 26 E S 18 B T.</p>
	<p>A pinon 12 ins. dia. brs. S. 83° E., 140 lks. dist. Mkd. T 26 N R 26 E S 19 B T.</p>
	<p>A cedar 16 ins. dia. brs. S. 41° W., 10 lks. dist. Mkd. T 26 N R 25 E S 24 B T.</p>
	<p>A pinon 8 ins. dia. brs. N. 20° W., 41 lks. dist. Mkd. T 26 N R 25 E S 13 B T.</p>
	<p>Land, rolling. Soil, 3rd rate. Timber, scrub cedar and pinon.</p>
	<p>Aug. 9, 1915. At the above cor., I set off $16^\circ 02'$ N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is $35^\circ 38'$, which is within 1' of the correct lat.</p>
<hr style="border-top: 1px dashed black;"/>	
	<p>North bet. secs. 13 and 18.</p> <p>Over rolling land, through pinon and cedar brush and timber.</p>
27.75	Leave dense timber, brs. E. and W., and enter scattered pinon and cedar.
30.05	Road, brs. E. and W.
33.65	Road, brs. E. and W.
40.00	Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, with brass cap stamped
	<p>$\frac{1}{4}$ in N. S 13 in W. S 18 in E. 1915 in S.</p>
	<p>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, W. of cor.</p>
	No suitable trees for bearing trees.

East Boundary of T. 26 N., R. 25 E.

Chains

Thence over rolling land, ascending from cor.

48.75 Top of ascent, brs. E. and W.
Thence over rolling land.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped

T 26 N in N.
R 25 E S 12 in NW.
R 26 E S 7 in NE.
S 18 in SE.
S 13 in SW.
1915 in S., from which

A pinon 14 ins. dia. brs. S. 25° 20' E., 557 lks. dist.
Mkd. T 26 N R 26 E S 18 B T.

A pinon 10 ins. dia. brs. S. 74° 25' W., 172 lks. dist.
Mkd. T 26 N R 25 E S 13 B T.

A pinon 10 ins. dia. brs. N. 67° 15' W., 159 lks. dist.
Mkd. T 26 N R 25 E S 12 B T.

No other trees suitable for bearing trees.

Land, rolling.
Soil, 3rd rate,
Timber, scrub cedar and pinon.

North bet. secs. 7 and 12.

Over rolling land, through scattered pinon and cedar, ascending from cor.

20.55 Top of ascent, brs. NW. and SE.
Descend over rough broken land.

24.65 Foot of descent, about 100 ft. lower than rolling mesa, brs. NW. and SE.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 7 and 12, with brass cap stamped

$\frac{1}{4}$ in N.
S 12 in W.
S 7 in E.
1915 in S., from which

A pinon 8 ins. dia. brs. S. 86 $\frac{1}{4}$ ° W., 61 lks. dist.
Mkd. $\frac{1}{4}$ S 12 B T.

A pinon 10 ins. dia. brs. N. 47 $\frac{1}{2}$ ° W., 61 lks. dist.
Mkd. $\frac{1}{4}$ S 12 B T.

No tree available in sec. 7.

47.25 Leave brush and timber, brs. E. and W.

71.75 Arroyo, 90 lks. wide, 6 ft. deep, course N. 30° W.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped

East Boundary of T. 26 N., R. 25 E.

Chains

T 26 N in N.
R 25 E S 1 in NW.
R 26 E S 6 in NE.
S 7 in SE.
S 12 in SW.
1915 in S.

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

Land, rolling.
Soil, 3rd rate.
Timber, cedar and pinon, 47.25 chs.

North bet. secs. 1 and 6.

Over gently sloping land, descending through sage brush.

10.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 1 and 6, with brass cap stamped

1/64 in N.
S 1 in W.
S 6 in E.
1915 in S.

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.

18.60 Road, brs. E. and W.

20.00 Set an iron post 1 inch dia., for S. 1/16 sec. cor. bet. secs. 1 and 6, with brass cap stamped

S 1/16 in N.
S 1 in W.
S 6 in E.
1915 in S.

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

23.50 Arroyo, 100 lks. wide, 10 ft. deep, course N. 80° W.

30.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 1 and 6, with brass cap stamped

1/64 in N.
S 1 in W.
S 6 in E.
1915 in S.

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.

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs. 1 and 6, with brass cap stamped

1/4 in N.
S 1 in W.
S 6 in E.
1915 in S.

East Boundary of T. 26 N., R. 25 E.

Chains

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.

41.40 Left bank of Pueblo Colorado River.

Set an iron post 1 inch dia., for M.C. bet. secs. 1 and 6, with brass cap stamped

M C T 26 N in N.
R 25 E S 1 in W.
R 26 E S 6 in E.
1915 in S.

Dig a pit 36x36x12 ins. 8 ft. S. of cor., and raise a mound of earth 4 ft. base, 2 ft. high, S. of post.

Bank 5 ft. high. Thence across dry bed of river.

50.00 Right bank of Pueblo Colorado River.

Set an iron post 1 inch dia., for 1/64 sec. cor. ^{also M.C.} bet. secs. 1 and 6, with brass cap stamped

1/64 T 26 N in N.
R 25 E S 1 in W.
R 26 E S 6 in E.
M C 1915 in S.

Dig a pit 36x36x12 ins. 8 ft. N. of cor., and raise a mound of earth 4 ft. base, 2 ft. high, N. of cor.

Begin ascent along spur brs. N. 20° E. and S. 20° W.

60.00 Set an iron post 1 inch dia., for N. 1/16 sec. cor. bet. secs. 1 and 6, with brass cap stamped

N 1/16 in N.
S 1 in W.
S 6 in E.
1915 in S.

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.

67.00 Top of spur, brs. N. 20° E. and S. 30° W. Descend along NE. slope.

70.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 1 and 6, with brass cap stamped

1/64 in N.
S 1 in W.
S 6 in E.
1915 in S.

Raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post 3 ins. dia. for the cor. of Tps. 26 and 27 N., Rgs. 25 and 26 E., with brass cap stamped

T 27 N. in N.
R 25 E S 36 in NW.
R 26 E S 31 in NE.
S 6 in SE.
S 1 in SW.
T 26 N 1915 in S.

BOOK 2050

East Boundary of T. 26 N., R. 25 E.

Chains

Raise a mound of stone 3 ft. base, 2 ft. high, S. of cor.

Old stone cor., as described in notes of General Land Office, brs. N., 5.69 chs. and W. 9.22 chs. I destroy marks on old cor.

Land, rolling.
Soil, 2nd and 3rd rate.

Aug. 9, 1915.

Resurvey of
North Boundary of T. 26 N., R. 26 E.

Aug. 10, 1915. At 7.00 a.m., l.m.t., I set off 35°41' on the lat. arc, 15° 49' N. on the decl. arc, and determine a meridian with the solar, at the cor. of Tps. 26 and 27 N., Rgs. 26 and 27 E.

Thence I run

West on a random line bet. Tps. 26 and 27 N., R. 26 E., setting temp. corners at intervals of 40.00 chs. At

478.91 Fall 27 lks. S. of the cor. of Tps. 26 and 27 N., Rgs. 25 and 26 E.

The falling answers to a correction of 0° 02' or 4½ lks. to the mile, counting from the NE. cor. of the tp.

Therefore I run

S. 89° 58' E. bet. secs. 6 and 31.

Descending over rolling land, - E. slope.

7.80 Foot of descent, brs. NE. and SW. Thence over level land.

8.60 Arroyo, 20 lks. wide, 5 ft. deep, course SW.

8.91 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 6 and 31, with brass cap stamped

1/64 in W.
S 31 in N.
S 6 1915 in S.

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

18.91 Set an iron post 1 inch dia., for W. 1/16 sec. cor. bet. secs. 6 and 31, with brass cap stamped

North Boundary of T. 26 N., R. 26 E.

(Resurvey)

Chains

- W1/16 in W.
S 31 in N.
S. 6 1915 in S.

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.

28.91 Set a 1 inch iron post for 1/64 sec. cor. bet. secs. 6 and 31, with brass cap stamped

1/64 in W.
S 31 in N.
S 6 1915 in S.

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.
- 38.91 Set an iron post 1 inch diam. for 1/4 sec. cor. bet. secs. 6 and 31, with brass cap stamped

1/4 in W.
S 31 in N.
S 6 1915 in S.

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.
- 42.70 Enter cultivated field hrs. N. and S.
- 48.91 Set an iron post 1 inch diam. for 1/64 sec. cor. bet. secs. 6 and 31, with brass cap stamped

1/64 in W.
S 31 in N.
S6 1915 in S.

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.
- 53.56 Fence hrs. N. 10° E and S. 10° W.
- 53.59 Right bank of Pueblo Colorado River.

Set an iron post 1 in. diam., for M.C. bet. secs. 6 and 31 with brass cap stamped

T27 N R 26 E S 31 in N.
S 6 1915 in S.
M C in E.

Dig a pit 36x36x12 ins W. of cor. 8 ft dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Thence across dry channel of Pueblo Colorado River.
- 68.91 Left bank of Pueblo Colorado River, course SW., sloping bank

Set an iron post 1 inch diam. for 1/64 sec. cor. bet. secs 6 and 31, which I also mark for M.C. of frac. secs. 6 and 31, with brass cap stamped

M C 1/64 in W.
T27 N R 26 E S 31 in N
T 26 N S 6 1915 in S.

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.
- 78.91 Set an iron post 3 ins diam. for the cor of secs. 5, 6, 31 and 32, with brass cap stamped

North Boundary of T. 26 N., R. 26 E.
(Resurvey)

Chains	
	<p style="text-align: center;">T 27 N S 31 in NW. R 26 E S 32 in NE. S 5 in SE. S 6 in SW. T 26 N 1915 in S., from which</p> <p>A pinon 14 ins. dia. brs. N. 84° W., 24 lks. dist. Mkd. T 27 N R 26 E S 31 B T.</p> <p>No other trees suitable for bearing trees.</p> <p>Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>Land, rolling, 17.80 chs.; level, 56.20 chs. Soil, 2nd and 3rd rate, No timber.</p>
	<p>S. 89° 58' E. bet. secs. 5 and 32.</p> <p>Over rolling land, through scattered timber.</p>
10.00	<p>Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 5 and 32, with brass cap stamped</p> <p style="text-align: center;">1/64 in W. S 32 in N. S 5 1915 in S., from which</p> <p>A cedar 8 ins. dia. brs. N. 24½° E., 54 lks. dist. Mkd. 1/64 S 32 B T.</p> <p>No other trees suitable for bearing trees.</p>
15.90	Road, brs. NE. and SW.
16.10	<p>N. bdy. of right of way of South Side Canal, course SW.</p> <p>Set an iron post 1 inch dia., for M.C. of frac. secs. 5 and 32, with brass cap stamped</p> <p style="text-align: center;">T 27 N S 32 in N. M C in E. T 26 N S 5 1915 in S. R 26 E in W., from which</p> <p>A pinon 14 ins. dia. brs. N. 49° W., 68 lks. dist. Mkd. M C T 27 N R 26 E S 32 B T.</p> <p>No other trees suitable for bearing trees.</p>
20.00	Set temp. point for W. 1/16 sec. cor.
22.00	<p>N. bdy. of right of way of South Side Canal, course NW.</p> <p>Set an iron post 1 inch dia., for M.C. of frac. secs. 5 and 32, with brass cap stamped</p> <p style="text-align: center;">T 27 N S 32 in N. R 26 E in E. T 26 N S 5 1915 in S. M C in W.</p> <p>Dig apit 36x36x12 ins. E. of cor. 8 ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, E. of post.</p>
30.00	Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 5 and 32, with brass cap stamped

North Boundary of T. 26 N., R. 26 E.
(resurvey)

Chains

1/64 in W.
S 32 in N.
S 5 1915 in S.

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.

30.70 Arroyo 20 lks. wide, 6 ft. deep, course N. 20° W,
32.30 N. bdy. of right of way of South Side Canal, course SW.

Set an iron post 1 inch dia., for M.C. of frac. secs. 5
and 32, with brass cap stamped

T 27 N S 32 in N.
M C in E.
T 26 N S 5 1915 in S.
R 26 E in W.

Dig a pit 36x36x12 ins. 8 ft. W. of cor.; and raise
a mound of earth 4 ft. base, 2 ft. high, W. of post.

Begin ascent, brs. E. and W.

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs.
5 and 32, with brass cap stamped

1/4 in W.
S 32 in N.
S 5 1915 in S., from which

A pinon 8 ins. dia. brs. N. 5° W., 104 lks. dist.
Mkd. 1/4 S 32 B T.

No other trees available.
Pits impracticable.

48.00 Top of ascent about 100 ft. above 1/4 sec. cor., brs. N.
and S. Descend over broken land, along N. breaks of
mesa.

60.40 Foot of descent. Arroyo 40 lks. wide, 3 ft. deep,
course N. Ascend along NW. slope.

63.00 Top of ascent. Spur brs. N. Descend.

67.50 Foot of descent. Arroyo 40 lks. wide, 3 ft. deep,
course N.

72.00 Top of spur, brs. N.

77.00 Arroyo, 15 lks. wide, 3 ft. deep, course N. 70° W.
Continue along N. slope of mesa.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 4,
5, 32 and 33, with brass cap stamped

T 27 N S 32 in NW.
R 26 E S 33 in NE.
S 4 in SE.
S 5 in SW.
T 26 N 1915 in S., from which

Pinon 8 ins. dia. brs. N. 14° E., 105 lks. dist.
Mkd. T 27 N R 26 E S 33 B T.

Pinon 14 ins. dia. brs. S. 88° E., 122 lks. dist.
Mkd. T 26 N R 26 E S 4 B T.

North Boundary of T. 26 N., R. 26 E.
(Resurvey)

Chains

A pinon 12 ins. dia. brs. S. 10° W., 60 lks. dist.
Mkd. T 26 N R 26 E S 5 B T.

A pinon 8 ins. dia. brs. N. 33½° W., 114 lks. dist.
Mkd. T 27 N R 26 E S 32 B T.

Land, rolling and broken. (Grazing land).
Soil, 3rd rate.
Timber, scattered pinon and cedar.

S. 89° 58' E. bet. secs. 4 and 33.

Over rough, broken land, through cedar and pinon timber.
Along N. breaks of mesa, ascending.

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs.
4 and 33, with brass cap stamped

¼ in W.
S 33 in N.
S 4 1915 in S., from which

A pinon 7 ins. dia. brs. N. 29° W., 59 lks. dist.
Mkd. ¼ S 33 B T.

A pinon 8 ins. dia. brs. S. 10° W., 19 lks. dist.
Mkd. ¼ S 4 B T.

42.00 Top of spur, brs. N. Descend.

64.00 Foot of spur. Arroyo, 80 lks. wide, 8 ft. deep, course N.
Ascend over rough broken land.

78.40 Top of spur, brs. NE.
Descend over rough, broken land.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 3, 4,
33 and 34, with brass cap stamped

T 27 N S 33 in NW.
R 26 E S 34 in NE.
S 3 in SE.
S 4 in SW.
T 26 N 1915 in S., from which

A pinon 8 ins. dia. brs. N. 48° E., 49 lks. dist.
Mkd. T 27 N R 26 E S 34 B T.

A pinon 8 ins. dia. brs. S. 56° W., 7 lks. dist.
Mkd. T 26 N R 26 E S 4 B T.

No other trees suitable for bearing trees.
Pits impracticable.

Land, rough and rolling.
Soil, 4th rate.
Grazing land.
Timber, cedar and pinon.

Aug. 10, 1915. No observation for lat.; cloudy at Noon.

North Boundary of T. 26 N., R. 26 E.
(Resurvey)

Chains

Aug. 11, 1915. At 7.00 a.m., l.m.t., I set off 35°41' on the lat. arc, 15° 31' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34.

S. 89° 58' E. bet. secs. 3 and 34.

Over rough broken land, descending, through cedar and pinon timber.

5.70 Foot of descent. Arroyo 15 lks. wide, course N. Ascend over broken land.

25.70 Top of ascent, brs. N. 60° E. and S. 60° W. Edge of mesa about 150 ft. above valley land. Thence over mesa.

35.70 Road, brs. N. and S.

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 3 and 34, with brass cap stamped

¼ in W.
S 34 in N.
S 3 1915 in S.

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

No trees suitable for bearing trees.

63.50 Arroyo, 15 lks. wide, 3 ft. deep, course N.

70.00 Leave timber brs. NE. and SW. Enter sage brush with scattered trees.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 2, 3, 34 and 35, with brass cap stamped

T 27 N S 34 in NW.
R 26 E S 35 in NE.
S 2 in SE.
S 3 in SW.
T 26 N 1915 in S.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, rough and rolling, 25.70 chs.; rolling mesa land, 54.30 chs.

Soil, 3rd and 4th rate.

Timber, cedar and pinon, 70.00 chs.

S. 89° 58' E. bet. secs. 2 and 35.

Over rolling mesa land.

9.20 Road, brs. N. 20° E. and S. 20° W.

12.30 Arroyo, 10 lks. wide, 3 ft. deep, course N.

20.60 Arroyo, 20 lks. wide, 3 ft. deep, course N. 15° E.

33.00 Arroyo, 20 lks. wide, 3 ft. deep, course N. 15° E.

North Boundary of T. 26 N., R. 26 E.
(Resurvey)

Chains

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 2 and 35, with brass cap stamped

$\frac{1}{4}$ in W.
S 35 in N.
S 2 1915 in S.

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.

Ascend gradually from cor.

60.90 Road, brs. NE. and SW.

77.00 Top of low ridge, brs. N. and S.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped

T 27 N S 35 in NW.
R 26 E S 36 in NE.
S 1 in SE.
S 2 in SW.
T 26 N 1915 in S.

Dig 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 mesa.
Soil, 3rd rate.
Grazing land.

S. 89° 58' E. bet. secs. 1 and 36.

Over rolling mesa land, through scattered cedar and pinon timber.

29.90 Road, brs. N. and S.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs. 1 and 36, with brass cap stamped

$\frac{1}{4}$ in W.
S 36 in N.
S 1 1915 in S.

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 Tps. 26 and 27 N., Rgs. 26 and 27 E.

Land, rolling mesa land.
Soil, 3rd rate.
Timber, scattered pinon and cedar.

Aug. 11, 1915.

BOOK 2959

6th Guide Meridian E., through T. 25 N.,
bet. Rgs. 24 and 25 E.

Chains

Polaris observation taken at my camp in Sec. 15, T.26 N.,
R. 25 E. - -

Aug. 12, 1915. At 10h 12m p.m., l.m.t., I observe
Polaris at Eastern Elongation, and mark a point in
my line thus determined, by a tack in a stake driven
in the ground, 10.00 chs. northerly from my station.

Aug. 13, - At 7.00 a.m., l.m.t., I turn off the azimuth
of Polaris 1°24'42" to the left or W., and mark the meri-
dian thus determined by a tack in a stake 10.00 chs.
N. of my station.

This meridian is used to make frequent tests of my solar
transit while at work in T. 26 N., R. 25 E., and along
the 6th Guide Meridian E.

Aug. 13, 1915. At 8.00 a.m., l.m.t., I set off 35° 31'
on the lat. arc, 14° 54' N. on the decl. arc, and
determine a meridian with the solar at the S.C. of
T. 25 N., Rgs. 24 and 25 E.

I find this cor. to be a badly decomposed sandstone
10x10x10 ins. 6 ins. in the ground. The only marks
visible are three notches on the W. Alongside of this
stone I find a cedar post 4"x4"x4 ft., squared on four
sides and marked T 25 N S 36 on one face. The other
faces are decayed and no marks are visible. The post
is broken off at the surface, with old rotted end one
foot in the ground. There are no loose stones in this
vicinity.

In order to further satisfy myself that the stone found
is the S.C. of T. 25 N., Rgs. 24 and 25 E., I run
East 40.00 chs. and intersect the point for standard
¼ sec. cor. bet. secs. 6 and 31, which point I deter-
mine from a pinon pine which brs. N. 2½° W., 88 lks.
dist., marked as described in notes of the General
Land Office.

To perpetuate the S.C. of T. 25 N., Rgs. 24 and 25 E.,
I set an iron post 3 ins. dia., N. and alongside of
the old stone, with brass cap stamped

S C T 25 N in N.
R 24 E S 36 in NW.
R 25 E S 31 in NE.
1915 in S.

Dig pits 30x24x12 ins. crosswise on each line E. and W.
4 ft., and N. of post 8 ft. dist.; and raise a mound
of earth 5 ft. base, 2½ ft. high, N. of cor.

Thence I run

North bet. secs. 31 and 36.

Over rolling sage brush land.

Difference in measurement of 40.00 chs. by two sets of
chainmen - 0 lks., therefore at

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs.
31 and 36, with brass cap stamped

¼ in N.
S 36 in W.
S 31 in E.
1915 in S.

6th Guide Meridian E., through T. 25 N.
bet. Rgs. 24 and 25 E.

Chains	
	<p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p>
53.60	<p>Drain, course NW. Enter scattered timber, brs. E. and W.</p> <p>No difference bet. measurement of 80.00 chs. by two sets of chainmen; therefore at</p>
80.00	<p>Set an iron post 3 ins. dia. for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped</p> <p style="padding-left: 40px;">T 25 N in N. R 24 E S 25 in NW. R 25 E S 30 in NE. S 31 in SE. S 36 in SW. 1915 in S., from which</p> <p>A pinon 14 ins. dia. brs. N. 49¼° E., 109 lks. dist. Mkd. T 25 N R 25 E S 30 B T.</p> <p>A cedar 14 ins. dia. brs. N. 60° W., 89 lks. dist. Mkd. T 25 N R 24 E S 25 B T.</p> <p>Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>No other trees suitable for bearing trees.</p> <p>Land, rolling. (Grazing land). Soil, 3rd rate. Timber, scattered pinon and cedar, 25.70 chs.</p>

	<p>North bet. secs. 25 and 30.</p> <p>Over rolling land, through cedar and pinon brush and timber, descending.</p>
6.25	<p>Drain, course NW. Ascend gradually.</p>
26.55	<p>Top of spur, brs. SW. Descend gradually.</p> <p>Difference in measurement of 40.00 chs. by two sets of chainmen is 2 lks.;</p> <p style="padding-left: 40px;">By 1st set, 39.99 chs. By 2nd set, 40.01 " the mean of which is</p>
40.00	<p>Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped</p> <p style="padding-left: 40px;">¼ in N. S 25 in W. S 30 in E. 1915 in S., from which</p> <p>A pinon 12 ins. dia. brs. N. 69½° E., 55 lks. dist. Mkd. ¼ S 30 B T.</p> <p>A pinon 8 ins. dia. brs. S. 54½° W., 128 lks. dist. Mkd. ¼ S 25 B T.</p>
67.70	<p>Foot of descent. Drain, course S. 70° W. Ascend gradually.</p>

6th Guide Meridian E., through T. 25 N.,
bet. Rgs. 24 and 25 E.

Chains	
74.45	<p>Top of spur, brs. S. 60° W. Descend over broken NW. slope.</p> <p>Difference bet. measurement of 80.00 chs. by two sets of chainmen, is 4 lks.;</p> <p style="padding-left: 40px;">By 1st set, 79.98 chs. By 2nd set, 80.02 " the mean of which is</p>
80.00	<p>Set an iron post 3 ins. dia., for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped</p> <p style="padding-left: 40px;">T 25 N in N. R 24 E S 24 in NW. R 25 E S 19 in NE. S 30 in SE. S 25 in SW. 1915 in S.</p> <p>Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>No trees suitable for bearing trees.</p> <p>Land, rolling. Soil, 3rd rate. Scattered pinon and cedar.</p> <hr style="border-top: 1px dashed black;"/> <p>North bet. secs. 19 and 24.</p> <p>Over rolling land, through scattered pinon and cedar brush and timber, gradually ascending.</p>
29.50	<p>Top of ridge, brs. E. and W.</p> <p>Difference in measurement of 40.00 chs. by two sets of chainmen is 4 lks.;</p> <p style="padding-left: 40px;">By 1st set, 40.02 chs. By 2nd set, 39.98 " the mean of which is</p>
40.00	<p>Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped</p> <p style="padding-left: 40px;">¼ in N. S 24 in W. S 19 in E. 1915 in S., from which</p> <p style="padding-left: 40px;">A pinon 8 ins. dia. brs. N. 38° E., 49 lks. dist. Mkd. ¼ S 19 B T.</p> <p style="padding-left: 40px;">A pinon 8 ins. dia. brs. N. 35½° W., 76 lks. dist. Mkd. ¼ S 24 B T.</p>
46.25	<p>Road, brs. E. and W.</p> <p>Difference in measurement of 80.00 chs. by two sets of chainmen is 4 lks.;</p> <p style="padding-left: 40px;">By 1st set, 80.02 chs. By 2nd set, 79.98 " the mean of which is</p>
80.00	<p>Set an iron post 3 ins. dia., for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped</p>

6th Guide Meridian E., through T. 25 N.,
bet. Rgs. 24 and 25 E.

Chains

T 25 N in N.
R 24 E S 13 in NW.
R 25 E S 18 in NE,
S 19 in SE.
S 24 in SW.
1915 in S., from which

A pinon 8 ins. dia. brs. S. 81°30' E., 32 lks. dist.
Mkd. T 25 N R 25 E S 19 B T.

A pinon 8 ins. dia. brs. S. 8° W., 75 lks. dist.
Mkd. T 25 N R 24 E S 24 B T.

No other trees suitable for bearing trees.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and
raise a mound of earth 4 ft. base, 2 ft. high, W. of
cor.

Land, rolling. (Grazing land).
Soil, 3rd rate.
Timber, scattered pinon and cedar.

Aug. 13, 1915. At the above cor., I set off 14° 51' N.
on the decl. arc, and at apparent noon observe the
sun on the meridian; the resulting lat. is 35° 34',
which is within 1' of the correct lat.

North bet. secs. 13 and 18.

Over rolling land, through cedar and pinon timber.

No difference in measurement of 40.00 chs. by two sets
of chainmen; therefore at

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs.
13 and 18, with brass cap stamped

¼ in N.
S 13 in W.
S 18 in E.
1915 in S., from which

A pinon 6 ins. dia. brs. N. 1° E., 5 lks. dist.
Mkd. ¼ S 18 B T.

A pinon 10 ins. dia. brs. S. 75° W., 29 lks. dist.
Mkd. ¼ S 13 B T.

Descend gradually over broken N. slope.

Difference in measurement of 80.00 chs. by two sets of
chainmen is 8 lks.;

By 1st set, 79.96 chs.
By 2nd set, 80.04 " , the mean of which is

80.00 Set an iron post 3 ins. dia., for cor. of secs. 7, 12,
13 and 18, with brass cap stamped

T 25 N in N.
R 24 E S 12 in NW.
R 25 E S 7 in NE.
S 18 in SE.
S 13 in SW.
1915 in S., from which

6th Guide Meridian E., through T. 25 N.,
bet. Rgs. 24 and 25 E.

Chains

A pinon 10 ins. dia. brs. N. 69° E., 36 lks. dist.
Mkd. T 25 N R 25 E S 7 B T.

A pinon 6 ins. dia. brs. S. 48½° E., 27 lks. dist.
Mkd. T 25 N R 25 E S 18 B T.

A pinon 8 ins. dia. brs. S. 23° W., 25 lks. dist.
Mkd. T 25 N R 24 E S 13 B T.

No other trees suitable for bearing trees.

Land, rolling and broken.

Soil, 3rd rate.

Timber, scrub cedar and pinon.

Aug. 13, 1915.

Aug. 14, 1915. At 8.00 a.m., l.m.t., I set off 35° 34' on the lat. arc, 14° 37' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 7, 12, 13 and 18.

North bet. secs. 7 and 12.

Over rough broken land, descending from cor., through cedar and pinon brush and timber.

2.75 Foot of descent. Gulch 100 ft. deep, course N. 70° E. Ascend along steep SE. slope.

7.25 Top of short spur brs. E. ^{and W.} Descend steep NW. slope.

14.25 Foot of descent. Enter arroyo 10 ft. deep from E. to N.

22.25 Leave arroyo, 120 lks. wide from S. to N. 5° W. Begin ascent of spur about 150 ft. high.

27.45 Top of spur, brs. W. Descend steep NW. slope.

31.00 Bottom of canyon 150 ft. deep, N. 80° E. and S. 80° W. Ascend along SE. slope.

Difference in measurement of 40.00 chs. by two sets of chainmen is 8 lks.;

By 1st set, 39.96 chs.

By 2nd set, 40.04 " the mean of which is

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped

¼ in N.
S 12 in W.
S 7 in E.
1915 in S.

Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

40.70 No trees suitable for B.T.s. Top of ascent, brs. E. and W. Thence over rolling land.

Difference in measurement of 80.00 chs. by two sets of chainmen is 12 lks., position of middle point

By 1st set, 79.94 chs.

By 2nd set, 80.06 " the mean of which is

80.00 Set an iron post 3 ins. dia. for the cor. of secs. 1, 6, 7 and 12, with brass cap stamped

6th Guide Meridian E., through T. 25 N.,
bet. Rgs. 24 and 25 E.

Chains

T 25 N in N.
R 24 E S 1 in NW.
R 25 E S 6 in NE.
S 7 in SE.
S 12 in SW.
1915 in S.

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.

Trees too small for bearing trees.

Aug. 14, 1915. At the above cor., I set off 14° 33' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 35° 34', which is within 1' of the correct lat.

Thence I run

North bet. secs. 1 and 6.

Over rolling land, through cedar and pinon brush, ascending.

.25 Top of ascent. Ridge brs. N. 20° E. and S. 20° W. Descend gradually.

6.35 Road, brs. NE. and SW.

12.15 Road, brs. N. 60° E. and S. 60° W.

32.70 Descend more abruptly along N. slope.

Difference in measurement of 40.00 chs. by two sets of chainmen is 4 lks.;

By 1st set, 39.98 chs.

By 2nd set, 40.02 " the mean of which is

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs. 1 and 6, with brass cap stamped

1/4 in N.
S 1 in W.
S 6 in E.
1915 in S., from which

A pinon 8 ins. dia. brs. S. 34° E., 107 lks. dist.
Mkd. 1/4 S 6 B T.

A cedar 14 ins. dia. brs. N. 42° W., 100 lks. dist.
Mkd. 1/4 S 1 B T.

46.55 Foot of descent. Arroyo 10 lks. wide, 3 ft. deep, course NW. Ascend along SW. slope.

51.00 Top of spur, brs. NW. Descend over broken land.

54.75 Bottom of canyon about 100 ft. deep, course W. Ascend.

Difference in measurement of 80.00 chs. by two sets of chainmen is 10 lks.

6th Guide Meridian E., through T. 25 N.,
bet. Rgs. 24 and 25 E.

Chains

By 1st set, 79.95 chs.
By 2nd set, 80.05 " the mean of which is

80.00 Set an iron post 3 ins. dia., for cor. of Tps. 25 and 26
N., Rgs. 24 and 25 E., with brass cap stamped

T 26 N in N.
R 24 E S 36 in NW.
R 25 E S 31 in NE.
S 6 in SE.
S 1 in SW.
T 25 N 1915 in S., from which

A pinon 6 ins. dia. brs. N. 12° E., 87 lks. dist.
Mkd. T 26 N R 25 E S 31 B T.

A pinon 8 ins. dia. brs. S. 12½° E., 202 lks. dist.
Mkd. T 25 N R 25 E S 6 B T.

A pinon 8 ins. dia. brs. S. 25° W., 27 lks. dist.
Mkd. T 25 N R 24 E S 1 B T.

A pinon 8 ins. dia. brs. N. 19½° W., 106 lks. dist.
Mkd. T 26 N R 24 E S 36 B T.

Land, rolling. (Grazing land).
Soil, 3rd and 4th rate.
Timber, scrub cedar and pinon.

Aug. 14, 1915.

Polaris observation:

Aug. 14, 1915. At 10h 5m p.m., l.m.t., I observe Polaris
at Eastern Elongation, and mark a point in the line
thus determined by a lath driven in the ground about
20.00 chs. Northerly from my station, which is the
cor. of Tps. 25 and 26 N., Rgs. 24 and 25 E.

Aug. 16. At 8.00 a.m., l.m.t., I lay off the azimuth of
Polaris 1° 25' to the left or W. and mark the meridian
thus determined by a lath driven in the ground about
20.00 chs. N. of my station.

Aug. 16, 1915. At 9.00 a.m., l.m.t., I set off 35° 36'
on the lat. arc, 13° 59' N. on the decl. arc, and deter-
mine a meridian with the solar at the cor. of Tps. 25
and 26 N., Rgs. 24 and 25 E. This meridian coin-
cides with the meridian taken from Polaris on Aug. 14,
and I conclude that my instrument is correct.

Thence I run

North bet. secs. 31 and 36, T. 26 N., Rgs. 24 and 25 E.

Over rolling land, through pinon and cedar brush and
timber.

1.00 Begin descent from broken mesa to bottom land, brs. E.
and W.

13.00 Leave pinon and cedar brush and timber, brs. E. and W.

22.50 Begin steep descent brs. E. and W.
Over rocky land.

25.25 Foot of steep rocky descent, brs. E. and W. Thence over

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

Chains

gently sloping land, - sloping to the N.

31.55 Arroyo, 20 lks. wide, 8 ft. deep, course N. 30° W.

Difference in measurement of 40.00 chs. by two sets of chainmen is 2 lks.;

By 1st set, 39.99 chs.
By 2nd set, 40.01 " the mean of which is

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs. 31 and 36, with brass cap stamped

1/4 in N.
S 36 in W.
S 31 in E.
1915 in S.

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.

45.55 Road brs. NE and SW.
Difference in measurement of 50.00 chs. by two sets of chainmen is 0 lks., therefore at

50.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 31 and 36, with brass cap stamped

1/64 in N.
S 36 in W.
S 31 in E.
1915 in S.

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.

Difference in measurement of 60.00 chs. by two sets of chainmen is nothing.

60.00 Set an iron post 1 inch dia., for N. 1/16 sec. cor. bet. secs. 31 and 36, with brass cap stamped

N 1/16 in N.
S 36 in W.
S 31 in E.
1915 in S.

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.

Difference in measurement of 70.00 chs. by two sets of chainmen is nothing.

70.00 Set an iron post 1 inch in dia., for 1/64 sec. cor. bet. secs. 31 and 36, with brass cap stamped

1/64 in N.
S 31 in E.
S 36 in W,
1915 in S.

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.

71.00 Arroyo 230 lks. wide, course SW.

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

Chains

Difference in measurement of 80.00 chs. by two sets of chainmen is 2 lks.;

By 1st set, 79.99 chs.

By 2nd set, 80.01 " the mean of which is

80.00 Set an iron post 3 ins. dia. for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped

T 26 N in N.

R 24 E S 25 in NW.

R 25 E S 30 in NE.

S 31 in SE.

S 36 in SW.

1915 in S.

Dig 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, rough and broken, 25.25 chs.; gently rolling, 54.75 chs.

Soil, 2nd and 3rd rate.

Timber, pinon and cedar, 13.00 chs.

Grazing land, 40.00 chs.; agricultural land, 40.00 chs.

North bet. secs. 25 and 30.

Over gently sloping land, through sage brush.

Difference in measurement of 10.00 chs. by two sets of chainmen is nothing.

10.00 Set an iron post 1 inch dia., for $1/64$ sec. cor. bet. secs. 25 and 30, with brass cap stamped

$1/64$ in N.

S 25 in W.

S 30 in E.

1915 in S.

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.

Difference in measurement of 20.00 chs. by two sets of chainmen is nothing.

20.00 Set an iron post 1 inch dia., for S. $1/16$ sec. cor. bet. secs. 25 and 30 with brass cap stamped

S $1/16$ in N.

S 25 in W.

S 30 in E.

1915 in S.

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

22.30 Left bank of Pueblo Colorado River.

Set an iron post 1 inch dia., for M.C. of frac. secs. 25 and 30, with brass cap stamped

2059

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

Chains

M C in N.
R 24 E S 25 in W.
R 25 E S 30 in E.
T 26 N 1915 in S.

Dig a pit 36x36x12 ins. 8 ft. S. of post; and raise
a mound of earth 4 ft. base, 2 ft. high, S. of cor.

Thence across the Pueblo Colorado River.

23.80 Right bank of Pueblo Colorado River.

Set an iron post 1 inch dia., for M.C. of frac. secs.
25 and 30, with brass cap stamped

T 26 N in N.
R 24 E S 25 in W.
R 25 E S 30 in E.
M C 1915 in S.

Dig a pit 36x36x12 ins. 8 ft. N. of post; and raise a
mound of earth 4 ft. base, 2 ft. high, N. of cor.

27.75 Fence, brs. E. and W.

Measurement of 30.00 chs. by two sets of chainmen is the
same.

30.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet.
secs. 25 and 30, with brass cap stamped

1/64 in N.
S 25 in W.
S 30 in E.
1915 in S.

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.

Difference in measurement of 40.00 chs. by two sets of
chainmen is 1 lk.;

By 1st set, 39.99 1/2 chs.
By 2nd set, 40.00 1/2 " the mean of which is

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs.
25 and 30, with brass cap stamped

1/4 in N.
S 25 in W.
S 30 in E.
1915 in S., from which

Pinon 14 ins. dia. brs. N. 49° 45' E., 145 lks. dist.
Mkd. 1/4 S 30 B T.

Pinon 24 ins. dia. brs. N. 1° W., 66 lks. dist.
Mkd. 1/4 S 25 B T.

Measurement of 50.00 chs. by two sets of chainmen is the
same.

50.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet.
secs. 25 and 30, with brass cap stamped

1/64 in N.
S 25 in W.
S 30 in E.
1915 in S.

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

Chains

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.

Measurement of 60.00 chs. by two sets of chainmen is the
same.

60.00 Set an iron post 1 inch dia., for N. 1/16 sec. cor. bet.
secs. 25 and 30, with brass cap stamped

N 1/16 in N.
S 25 in W.
S 30 in E.
1915 in S.

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.

Measurement of 70.00 chs. by two sets of chainmen is the
same.

70.00 Set an iron post 1 inch dia. for 1/64 sec. cor. bet.
secs. 25 and 30, with brass cap stamped

1/64 in N.
S 25 in W.
S 30 in E.
1915 in S.

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.

70.53 Fence brs. E. and W.

Measurement of 80.00 chs. by two sets of chainmen is
the same.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 19,
24, 25 and 30, with brass cap stamped

T 26 N in N.
R 24 E S 24 in NW.
R 25 E S 19 in NE.
S 30 in SE.
S 25 in SW.
1915 in S.

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. (Agricultural when watered.)
Soil, 2nd rate.
Timber, about a half dozen trees near the 1/4 sec. cor.

North bet. secs. 19 and 24.

Over level land,

Measurement of 10.00 chs. by two sets of chainmen is the
same.

10.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet.
secs. 19 and 24, with brass cap stamped

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

Chains	
	<p>1/64 in N. S 24 in W. S 19 in E. 1915 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>Measurement of 20.00 chs. by two sets of chainmen is the same.</p>
20.00	<p>Set an iron post 1 inch dia., for S. 1/16 sec. cor. bet. secs. 19 and 24, with brass cap stamped</p> <p>S 1/16 in N. S 24 in W. S 19 in E. 1915 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>Measurement of 30.00 chs. by two sets of chainmen is the same.</p>
30.00	<p>Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 19 and 24, with brass cap stamped</p> <p>1/64 in N. S 24 in W. S 19 in E. 1915 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p> <p>Measurement of 40.00 chs. by two sets of chainmen is the same.</p>
40.00	<p>Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped</p> <p>¼ in N. S 24 in W. S 19 in E. 1915 in S.</p> <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.</p>
42.00	<p>Leave level land, brs. E. and W. Begin ascent of sandstone bluffs 100 ft. high, brs. E. and W.</p>
44.50	<p>Top of ascent of bluffs. Ascend more gradually, over rocky SE. slope.</p>
50.00	<p>Set temp. point.</p>
60.00	<p>Set temp. point.</p>
64.55	<p>Top of spur brs. N. 80° E. Enter scattered timber brs. E. and W. Begin descent over NW. slope.</p>
70.00	<p>Set temp. point.</p>

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

Chains	
77.45	<p>Arroyo 10 lks. wide, 3 ft. deep, course N. 75° E.</p> <p>Difference in measurement of 80.00 chs. by two sets of chainmen is 5 lks.;</p> <p style="padding-left: 40px;">By 1st set, 79.97½ chs. By 2nd set, 80.02½ " the mean of which is</p>
80.00	<p>Set an iron post 3 ins. dia., for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped</p> <p style="padding-left: 40px;">T 26 N in N. R 24 E S 13 in NW. R 25 E S 18 in NE. S 19 in SE. S 24 in SW. 1915 in S.</p> <p>Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.</p> <p>No trees suitable for bearing trees.</p> <p>Land, level, 42.00 chs.; rocky and rolling, 38.00 chs. Soil, 2nd and 3rd rate. Timber, scattered pinon and cedar, 13.45 chs. Agricultural land, if watered, 40.00 chs.; grazing land, 40.00 chs.</p> <p>Aug. 16, 1915. At the above cor. I set off 13° 55' N. on the decl. arc, and at apparent noon observe the sun on the meridian; the resulting lat. is 35° 38', which is within 1' of the correct lat.</p>
	<p>North bet. secs. 13 and 18.</p>
	<p>Over rough, rolling land, ascending from cor. along SW. slope.</p>
2.25	<p>Top of spur 100 ft. high, brs. E. and W. Descend along N. slope.</p>
6.00	<p>Foot of descent, brs. E. and W.</p>
10.00	<p>Set temp. point.</p>
15.00	<p>Arroyo, 20 lks. wide, 8 ft. deep, course S. 85° E. Begin ascent, brs. E. and W.</p>
20.00	<p>Set temp. point.</p>
30.00	<p>Set temp. point. Top of ascent, brs. NW. and SE. Descend.</p> <p>Difference in measurement of 40.00 chs. by two sets of chainmen is 2 lks.;</p>
	<p style="padding-left: 40px;">By 1st set, 39.99 chs. By 2nd set, 40.01 " the mean of which is</p>
40.00	<p>Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 13 and 18, with brass cap stamped</p> <p style="padding-left: 40px;">¼ in N. S 13 in W. S 18 in E. 1915 in S.</p>

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

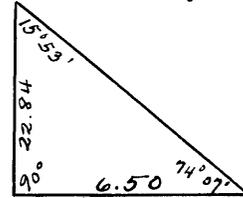
Chains

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

45.41 Arroyo, 15 lks. wide, course E.

53.76 In order to determine the distance to the top of a cliff 300 ft. high, on line, I proceed as follows:

I set a flag on line on the top of the cliff. Then at Station at 53.76 chs., I measure a base East 6.50 chs. and set a point. I then set up at this point at the east end of my base and measure the angle bet. the flag at my first station and the flag on top of the cliff, which I find to be 74° 07'.



Tang. 74° 07' is 3.51441
3.51441 x 6.50 = 22.84

53.76 + 22.84 = 76.60 chs.

Angle measured three times with same result.
Longer base impossible on account of mountains.

76.60 Top of cliff, brs. E. and W. Ascend over rocky S. slope.

Difference in measurement of 80.00 chs. by two sets of chainmen is nothing.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 7, 12, 13 and 18, with brass cap stamped

- T 26 N in N.
- R 24 E S 12 in NW.
- R 25 E S 7 in NE.
- S 18 in SE.
- S 13 in SW.
- 1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

Land, rough, rolling and mountainous.
Soil, 3rd and 4th rate.
No timber.

North bet. secs. 7 and 12.

Over rocky mountainous land, ascending.

10.00 Top of ascent. S. edge of mesa about 350 ft. above valley brs. E. and W. Thence over rolling mesa land, through scattered pinon and cedar.

Difference in measurement of 40.00 chs. by two sets of chainmen is 4 lks.;

By 1st set, 40.02 chs.
By 2nd set, 39.98 " the mean of which is

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 7 and 12, with brass cap stamped

- ¼ in N.
- S 7 in W.
- S 12 in E.
- 1915 in S., from which

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

Chains	
	A pinon 10 ins. dia. brs. S. 70° E., 202 lks. dist. Mkd. ¼ S 7 B T.
	A pinon 10 ins. dia. brs. S. 10° W., 20 lks. dist. Mkd. ¼ S 12 B T.
40.55	Drain, course N. 85° W.
61.15	Road, brs. E. and W.
73.00	Leave scattered timber, brs. E. and W.
	Difference in measurement of 80.00 chs. by two sets of chainmen is 6 lks.;
	By 1st set, 79.97 chs. By 2nd set, 80.03 " the mean of which is
80.00	Set an iron post 1 inch dia., for cor. of secs. 1, 6, 7 and 12, with brass cap stamped
	T 26 N in N. R 24 E S 1 in NW. R 25 E S 6 in NE. S 7 in SE. S 12 in SW. 1915 in S.
	Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
	Land, rocky mountainous, 10.00 chs.; rolling mesa 70.00 chs.
	Soil, 3rd and 4th rate.
	Scattered pinon and cedar, 73.00 chs.
	Aug. 16, 1915.
<hr style="border-top: 1px dashed black;"/>	
	Aug. 17, 1915. At 8.00 a.m., l.m.t., I set off 35° 40' on the lat. arc, 13° 40' N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 1, 6, 7 and 12.
	North bet. secs. 1 and 6.
	Over rolling mesa land.
	Measurement of 40.00 chs. by two sets of chainmen is the same.
40.00	Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 1 and 6, with brass cap stamped
	¼ in N. S 1 in W. S 6 in E. 1915 in S.
	Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor.
63.75	Enter pinon and cedar timber, brs. E. and W.
69.25	Leave cedar and pinon timber, brs. E. and W.

6th Guide Meridian E., through T. 26 N.,
bet. Rgs. 24 and 25 E.

Chains

Difference in measurement of 80.00 chs. by two sets of
chainmen is 6 lks.;

By 1st set, 79.97 chs.

By 2nd set, 80.03 " the mean of which is

80.00

Set an iron post 3 ins. dia., for the cor. of Tps. 26
and 27 N., Rgs. 24 and 25 E., with brass cap stamped

T 27 N in N.

R 24 E S 36 in NW.

R 25 E S 31 in NE.

S 6 in SE.

S 1 in SW.

T 26 N 1915 in S.

Dig pits 24x24x12 ins. on each line N., E. and W. 4
ft., and S. of post 8 ft. dist.; and raise a mound of
earth 5 ft. base, 2½ ft. high, S. of cor.

Land, rolling mesa land.

Soil, 3rd rate.

Timber, cedar and pinon, 5.50 chs.

Grazing land.

Aug. 17, 1915.

North Boundary of T. 25 N., R. 25 E.

Chains

August 18, 1915.

At 8.00 a.m., l.m.t., I set off 35° 36' on the lat. arc, 13° 21' N. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 25 and 26 N., Rs. 25 and 26 E.

Thence I run

West on a random line along the North boundary of T. 25 N., through R. 25 E., setting temp. corners at intervals of 40.00 chs. and at 479.81 chs. fall 42 lks. South of the cor. of Tps. 25 and 26 N., Rs. 24 and 25 E. The falling answers to a correction of 0° 03' or 7 lks. to the mile.

Therefore I run

S. 89° 57' E. bet. secs. 6 and 31.

Over rolling land, through pinon and cedar brush and timber.

6.00 Begin descent into canyon.

8.50 Bottom of canyon, 100 ft. deep, course S. 20° W. Ascend.

15.50 Top of ascent, out of canyon, brs. NE. and SW. Thence over rolling mesa.

23.50 Enter breaks along mesa. Along North slope.

39.81 Set an iron post 1" dia., for the ¼-sec. cor. bet. secs. 6 and 31, with brass cap stamped

¼ in W.
S 31 in N.
S 6 1915 in S.

From which -

Cedar, 16" dia., brs. S. 12° E., 30 lks. dist., mkd. ¼ S 6 B T

Pinon, 10" dia., brs. N. 5½° W., 144 lks. dist., mkd. ¼ S 31 B T

52.00 Leave North breaks of mesa, brs. NE. and SW. Continue through scattered timber, brs. N. and S.

79.81 Set an iron post 3" dia., for the cor. of secs. 5, 6, 31 and 32, with brass cap stamped

T 26 N S 31 in NW.
R 25 E S 32 in NE.
S 5 in SE.
S 6 in SW.
T 25 N 1915 in S.

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

Land, rolling.

Soil, 3rd rate.

Timber, scrub cedar and pinon,



BOOK 2969

North Boundary of T. 25 N., R. 25 E.

Chains	
	S. 89° 57' E. bet. secs. 5 and 32. Over rolling mesa land. Through sage and scattering cedar and pinon brush.
6.40	Road, brs. N. and S.
40.00	Set an iron post 1" dia., for the 1/4-sec. cor. bet. secs. 5 and 32, with brass cap stamped 1/4 in W. S 32 in N. S 5 1915 in S. Dig pits, 18 x 18 x 12 ins., E. and W. of cor. 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
80.00	Set an iron post 3" dia., for the cor. of secs. 4, 5, 32 and 33, with brass cap stamped T 26 N S 32 in NW. R 25 E S 33 in NE. S 4 in SE. S 5 in SW. T 25 N 1915 in S. 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 mesa land. Soil, 3rd rate. Timber, scattering pinon and cedar. Grazing land.
<hr style="border-top: 1px dashed black;"/>	
	S. 89° 57' E. bet. secs. 4 and 33. Over rolling sage brush land, through scattering pinon and cedar brush and timber, descending along gentle NE. slope.
19.00	Draw, course N. 15° W. Ascend gradual W. slope.
25.00	Top of low ridge, brs. N. and S. Descend.
40.00	Set an iron post 1" dia., for the 1/4-sec. cor. bet. secs. 4 and 33, with brass cap stamped 1/4 in W. S 33 in N. S 4 1915 in S. 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.
43.10	Draw, course North. Ascend gradually.
56.80	Road, brs. N. 20° W. and S. 20° E. Top of asc. Thence over rolling land.
76.70	Arroyo, 10 lks. wide, 3 ft. deep, course N.
80.00	Set an iron post 3" dia., for the cor. of secs. 3, 4, 33 and 34, with brass cap stamped

North Boundary of T. 25 N., R. 25 E.

Chains

T 26 N S 33 in NW.
R 25 E S 32 in NE.
S 3 in SE.
S 4 in SW.
T 25 N 1915 in S.

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

Land, rolling mesa.
Soil, 3rd rate.
Timber, scattering pinon and cedar brush and timber.
Grazing land.

August 18, 1915.

At the above corner, I set off 13° 17' on the decl. arc, and at apparent noon, observe the sun on the meridian. The resulting lat. is 35° 36', which is within 1' of the correct lat.

S. 89° 57' E. bet. secs. 3 and 34.

Over rolling mesa land, through scattering pinon and cedar brush and timber.

21.50 Top of low spur, brs. NW.

25.80 A rroyo, 30 lks. wide, 5 ft. deep, course NW.

40.00 Set an iron post 1" dia., for the ¼-sec. cor. bet. secs. 3 and 34, with brass cap stamped

¼ in W.
S 3 in S.
S 34 1915 in N.

Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

71.00 Road, brs. N. 30° E. and S. 30° W.

80.00 Set an iron post 3" dia., for the cor. of secs. 2, 3, 34 and 35, with brass cap stamped

T 26 N S 34 in NW.
R 25 E S 35 in NE.
S 2 in SE.
S 3 in SW.
T 25 N 1915 in S.

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

Land, rolling mesa.
Soil, 3rd rate.
Timber, scattering cedar and pinon.
Grazing land.

North Boundary of T. 25 N., R. 25 E.

Chains	<p>S. 89° 57' E. bet. secs. 2 and 35.</p> <p>Over rolling land, ascending. Through scattering pinon and cedar brush and timber.</p>
27.10	<p>Road, brs. N. 20° W. and S. 20° E.</p>
40.00	<p>Set an iron post 1" dia., for the $\frac{1}{4}$-sec. cor. bet. secs. 2 and 35, with brass cap stamped</p> <p style="padding-left: 40px;">$\frac{1}{4}$ in W. S 35 in N. S 2 1915 in S.</p> <p>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.</p>
80.00	<p>Set an iron post 3" dia., for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped</p> <p style="padding-left: 40px;">T 26 N S 35 in NW. R 25 E S 36 in NE. S 1 in SE. S 2 in SW. T 25 N 1915 in S.</p> <p>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.</p> <p>No trees suitable for B.T.s.</p> <p>Land, rolling mesa.</p> <p>Soil, 3rd rate.</p> <p>Timber, pinon and cedar brush and timber, 27.10 chs.</p>

25.80	<p>S. 89° 57' E. bet. secs. 1 and 36.</p> <p>Over rolling land, ascending gradually. Over sage brush land, through scattered brush and timber.</p> <p style="padding-left: 40px;">denser</p> <p>Enter timber, brs. N. and S. Top of asc., brs. N. and S. Descend gradually.</p>
32.00	<p>Leave timber, brs. N. and S.</p>
40.00	<p>Set an iron post 1" dia., for the $\frac{1}{4}$-sec. cor. bet. secs. 1 and 36, with brass cap stamped</p> <p style="padding-left: 40px;">$\frac{1}{4}$ in W. S 36 in N. S 1 1915 in S.</p> <p>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.</p>
80.00	<p>The cor. of Tps. 25 and 26 N., Rs. 25 and 26 E., previously described.</p> <p>Land, rolling mesa.</p> <p>Soil, 3rd rate.</p> <p>Timber, pinon and cedar,</p> <p>Grazing land.</p>

August 18, 1915.

North Boundary of T. 26 N., R. 25 E.

Chains

August 19, 1915.

At 8.00 a.m., l.m.t., I set off $35^{\circ} 41'$ on the lat. arc, $13^{\circ} 01'$ N. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 26 and 27 N., R. 25 and 26 E., established by me and previously described.

Thence I run

West on a random line bet. Tps. 26 and 27 N., through R. 25 E., setting temp. corners at intervals of 40.00 chs. and at 479.33 chs. fall 42 lks. South of the cor. of Tps. 26 and 27 N., Rs. 24 and 25 E. This falling answers to a correction of $0^{\circ} 03'$ or 7 lks. to the mile, counting from the NE. cor. of T. 26 N., R. 25 E.

Therefore I run

S. $89^{\circ} 57'$ E. on a true line bet. secs. 6 and 31.

Over rolling mesa land, through sage brush.

13.15 Road, brs. N. 20° E. and S. 20° W.

39.33 Set an iron post 1" dia., for the $\frac{1}{4}$ -sec. cor. bet. secs. 6 and 31, with brass cap stamped

$\frac{1}{4}$ in W.
S 31 in N.
S 6 1915 in S.

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.

51.00 Small drain, course NW.

52.00 Enter brush and timber, brs. NW. and SE.

71.00 Begin descent into cove. Desc., brs. NE. and SW. Over broken land.

79.33 Set an iron post 3" dia., for the cor. of secs. 5, 6, 31 and 32, with brass cap stamped

T 27 N S 31 in NW.
R 25 E S 32 in NE.
S 5 in SE.
S 6 in SW.
T 26 N 1915 in S.

From which -

Pinon, 10" dia., brs. S. 35° E., 115 lks. dist., mkd.
T 26 N R 25 E S 5 B T

Pinon, 10" dia., brs. N. 10° E., 72 lks. dist., mkd.
T 27 N R 25 E S 32 B T

No other trees suitable for bearing trees.

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

Land, rolling and broken.

Soil, 3rd and 4th rate.

Timber, pinon and cedar brush and timber, 27.33 chs.

Grazing land.

North Boundary of T. 26 N., R. 25 E.

Chains

S. 89° 57' E. bet. secs. 5 and 32.

Over rough broken land, through cedar and pinon brush and timber.

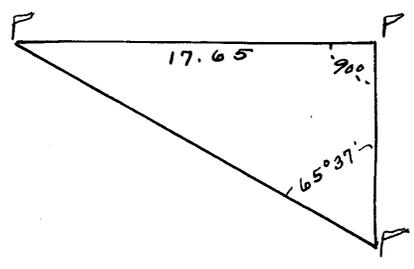
2.00 Drain, course S. Asc. along W. slope of cover.

15.00 Top of asc., about 100 ft. above drain, brs. NW. and SE. Thence over rolling mesa land.

30.70 Top of sandstone bluffs, 400 ft. high, brs. N. and S.

In order to determine the distance to the foot of the bluff, where chaining is again practical, I proceed as follows:

I set a flag at my station at 30.70 chs. I set another flag on line below foot of bluffs, and from this flag lay off a base, S. 0° 03' W., or at right angle to line, 8.00 chs. dist. I set up on this point and measure the angle bet. my flag on top of bluff and the flag at the N. end of my base, which I find to be 65° 37'.



Tang. 65° 37' is 2.20625

2.20625 x 8.00 is 17.65.

30.70
17.65

48.35 dist. to flag at N. end of base. Angle measured three times with same result. I measure N. 89° 57' W. 8.35 chs. and at

40.00 Set an iron post 1" dia., for the 1/4-sec. cor. bet. secs. 5 and 32, with brass cap stamped

1/4 in W.
S 32 in N.
S 5 1915 in S.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

This cor. is at the foot of steep hill leading to bluff, brs. N. and S. Timber ends on top of bluff.

69.50 Foot of desc. Arroyo, 10 lks. wide, 5 ft. deep, course N.

80.00 Set an iron post 3" dia., for the cor. of secs. 4, 5, 32 and 33, with brass cap stamped

T 27 N S 32 in NW.
R 25 E S 33 in NE.
S 4 in SE.
S 5 in SW.
T 26 N 1915 in S.

From which -

Pinon, 10" dia., brs. S. 52° E., 214 lks. dist., mkd. mkd. T 26 N R 25 E S 4 B T

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.

No other trees in vicinity.

North Boundary of T. 26 N., R. 25 E.

Chains	
	<p>Land, rolling and mountainous. Soil, 3rd and 4th rate. Timber, pinon and cedar, 30.70 chs. Grazing land.</p>
	<p>August 19, 1915.</p> <p>At the above cor., I set off 12° 58' N. on the decl. arc, and at apparent noon observe the sun on the meridian. The resulting lat. is 35° 41' which is within 1' of the correct lat.</p>
	<p>S. 89° 57' E. bet. secs. 4 and 33.</p> <p>Over rolling land. Ascending from cor.</p>
4.00	Top of spur, about 75 ft. high, Brs. N. Desc.
12.00	Foot of desc., brs. NE. and SW. Thence over rolling land.
40.00	Set an iron post 1" dia., for the ¼-sec. cor. bet. secs. 4 and 33, with brass cap stamped
	<p>¼ in W. S 33 in N. S 4 1915 in S.</p>
	<p>Dig pits, 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.</p>
61.00	Road, brs. N. and S.
62.70	Road, brs. N. 10° W. and S. 10° E.
80.00	Set an iron post 3" dia., for the cor. of secs. 3, 4, 33 and 34, with brass cap stamped
	<p>T 27 N S 33 in NW. R 25 E S 34 in NE. S 3 in SE. S 4 in SW. T 26 N 1915 in S.</p>
	<p>Dig pits, 18 x 18 x 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.</p>
	<p>Land, rolling. Soil, 3rd rate. Grazing land.</p>
	<p>August 19, 1915.</p>
	<p>August 20, 1915.</p> <p>At 7.00 a.m., l.m.t., I set off 35° 41' on the lat. arc, 12° 43' N. on the decl. arc, and determines a meridian with the solar at the cor. of secs. 3, 4, 33 and 34.</p> <p>Thence I run</p> <p>S. 89° 57' E. bet. secs. 3 and 34.</p>

North Boundary of T, 26 N., R. 25 E.

Chains	
	Over fairly level land.
6.50	Road, brs. N. 30° E. and S. 30° W.
40.00	Set an iron post 1" dia., for the $\frac{1}{4}$ -sec. cor. bet. secs. 3 and 34, with brass cap stamped $\frac{1}{4}$ in W. S 34 in N. S 3 1915 in S.
	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.
42.60	Road, brs. N. and S.
52.70	Arroyo, 10 lks. wide, 3 ft. deep, course S. 10° W.
80.00	Set an iron post 3" dia., for the cor. of secs. 2, 3, 34 and 35, with brass cap stamped T 27 N S 34 in NW. R 25 E S 35 in NE. S 2 in SE. S 3 in SW. T 26 N 1915 in S.
	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. Soil, 2nd rate. Grazing land.

	S. 89° 57' E. bet. secs. 2 and 35.
	Over rolling sage brush land.
30.00	Road, brs. N. 15° E. and S. 15° W.
34.00	Top of low ridge, brs. N. and S.
40.00	Set an iron post 1" dia., for the $\frac{1}{4}$ -sec. cor. bet. secs. 2 and 35, with brass cap stamped $\frac{1}{4}$ in W. S 35 in N. S 2 1915 in S.
	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.
42.00	Enter cedar and pinon brush and timber, brs. N. and S.
47.80	Arroyo, 10 lks. wide, 3 ft. deep, course S. 20° W.
48.20	Road, brs. N. and S.
52.40	Road, brs. N. 30° E. and S. 30° W.
80.00	Set an iron post 3" dia., for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped T 27 N S 35 in NW. R 25 E S 36 in NE. S 1 in SE.

North Boundary of T. 26 N., R. 25 E.

Chains

S 2 in SW.
T 26 N 1915 in S.

From which -

Pinon, 12" dia., brs. N. 42° E., 13 lks. dist., mkl.
T 27 N R 25 E S 36 B T

Cedar, 24 " dia., brs. S. 28° E., 69 lks. dist., mkl.
T 26 N R 25 E S 1 B T

Pinon, 12" dia., brs. N. 63° W., 11 lks. dist., mkl.
T 27 N R 25 E S 35 B T

Cedar, 13" dia., brs. S. 79° W., 125 lks. dist., mkl.
T 26 N R 25 E S 2 B T

Land, rolling.
Soil, 2nd rate.
Timber, cedar and pinon, 38.00 chs.
Grazing land.

S. 89° 57' E. bet. secs. 1 and 36.

Over rolling land, through pinon and cedar brush and timber.

16.30 Top of low ridge, brs. N. and S. Desc. gradually.

Leave timber.

40.00 Set an iron post 1" dia., for the $\frac{1}{4}$ -sec. cor. bet. secs. 1 and 36, with brass cap stamped

$\frac{1}{4}$ in W.
S 36 in N.
S 1 1915 in S.

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.

44.30 Arroyo, 10 lks. wide, 4 ft. deep, course S. Foot of desc. Asc. gradually.

74.00 Top of spur, about 75 ft. high, brs. S.

80.00 The cor. of Tps. 26 and 27 N., Rs. 25 and 26 E., previously described.

Land, rolling.
Soil, 3rd rate.
Timber, pinon and cedar, 16.30 chs.

August 20, 1915.

ECOV 2969

Portion of

North Boundary of T. 25 N., R. 24 E.

Chains

Aug. 21, 1915. At 8.00 a.m., l.m.t., I set off 35° 36' on the lat. arc, 12° 23' N. on the decl. arc, and determine a meridian with the solar at the Cor. of Tps. 25 and 26 N., Rgs. 24 and 25 E., on the 6th Guide Meridian E.

West on a true line bet. secs. 1 and 36.

Over rocky land, through pinon and cedar brush and timber. Descending along broken N. edge of mesa.

18.10 Foot of descent. Canyon brs. NW. and SE. Ascend along rocky NE. slope.

37.50 Top of ascent; spur brs. N. Descend gradually.

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs. 1 and 36, with brass cap stamped

1/4 in W.
S 36 in N.
S 1 1915 in S.

Build a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

Leave timber brs. NE. and SW.

No trees large enough for bearing trees.

40.50 Begin steep descent over perpendicular bluffs 80 ft. high, brs. NE. and SW.

45.20 Foot of steep descent. Continue descent over rolling sage brush land.

57.60 Road, brs. N. 30° E. and S. 30° W.

59.30 Left bank of Pueblo Colorado River, course S. 70° W. River dry at this season. About 100 lks. wide.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 1, 2, 35 and 36, with brass cap stamped

T 26 N S 35 in NW.
R 24 E S 36 in NE.
S 1 in SE.
S 2 in SW.
T 25 N 1915 in S.

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, rough and rolling, 45.20 chs.; level, 34.80 chs. Soil, 2nd and 3rd rate. Timber, pinon and cedar, 40.00 chs. Grazing land, 40.00 chs.; agricultural land, 40.00 chs.

West on a true line bet. secs. 2 and 35.

Over level land.

.50 Enter Pueblo Colorado River from SE. to W. Thence along river bed.

24.00 Leave Pueblo Colorado River, course S. 20° W. Thence

Portion of
North Boundary of T. 25 N., R. 24 E.

Chains

over gently rolling land, gradually ascending.

29.00 Road, brs. NE. and SW.

36.40 Arroyo, 60 lks. wide, 20 ft. deep, course S.
Begin ascent of rocky E. slope.

40.00 Set an iron post 1 inch dia., for $\frac{1}{4}$ sec. cor. bet. secs.
2 and 35, with brass cap stamped

$\frac{1}{4}$ in W.
S 35 in N.
S 2 1915 in S.

Cor. set 12 ins. in ground, with mound of stone, 3 ft.
base, $1\frac{1}{2}$ ft. high, built around corner. Impossible
to set cor. post deeper on account of rock.

40.90 Middle of ruins of Cassidy's store brs. S. 15° E., 3.40
chs. dist. The store was recently burned. Measure-
ment taken to middle of building which is determined
by standing adobe walls. Store was Sunrise Springs post-
office.

43.00 Enter scattered cedar and pinon.

62.00 Top of rocky ascend, brs. NE. and SW., about 150 ft.
above bottom land. Continue ascending gradually.

70.00 Top of ascent brs. NE. and SW. Descend gradually.

78.90 Foot of descent. Gully 30 ft. deep, course S. 30° W.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 2, 3,
34 and 35, with brass cap stamped

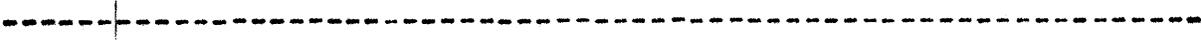
T 26 N S 34 in NW.
R 24 E S 35 in NE.
S 2 in SE.
S 3 in SW.
T 25 N 1915 in S.

Raise a mound of stone 3 ft. base, 2 ft. high, W. of
cor.

Pits impracticable. No suitable trees for bearing trees.

Land, rolling.
Soil, 2nd and 3rd rate.
Timber, pinon and cedar, 37.00 chs.

Aug. 21, 1915.



Portion of
East Boundary of T. 27 N., R. 26 E.
(Resurvey)

Chains

Oct. 7, 1915. At 7.30 a.m., l.m.t., I set off 35° 41' on the lat. arc, 5° 11' N. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 26 and 27 N., Rgs. 26 and 27 E., previously described.

Thence I run

North bet. secs. 31 and 36.

Over rolling sage brush land, through scattered cedar and pinon timber.

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped

¼ in N.
S 36 in W.
S 31 in E.
1915 in S.

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

No trees suitable for bearing trees.

75.70 Road, brs. N. 30° W. and S. 30° E.

80.00 Set an iron post 3 ins. dia. for cor. of secs. 25, 30, 31 and 36, with brass cap stamped

T 27 N in N.
R 26 E S 25 in NW.
R 27 N S 30 in NE.
S 31 in SE.
S 36 in SW.
1915 in S.

Dig pits 18x18x12 ins. in each sec. 5½ ft. dist.; and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

No trees suitable for bearing trees.

Land, rolling.

Soil, 3rd rate.

Timber, pinon and cedar (scattered).

North bet. secs. 25 and 30.

Over rolling land, through scattered pinon and cedar.

12.20 Road, brs. E. and W.

12.30 Telephone line, brs. E. and W.

23.20 Road, brs. E. and W. (Very dim)

31.40 Drain, course N. 50° E.

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 25 and 30, with brass cap stamped

¼ in N.
S 25 in W.
S 30 in E.
1915 in S., from which

Portion of

East Boundary of T. 27 N., R. 26 E.
(resurvey)

Chains	
	A pinon 14 ins. dia. brs. N. 74½° E., 130 lks. dist. Mkd. ¼ S 30 B T.
	A pinon 8 ins. dia. brs. S. 41½° W., 75 lks. dist. Mkd. ¼ S 25 B T.
40.30	Arroyo, 10 lks. wide, 2½ ft. deep, course N. 60° E. Begin ascent, brs. E. and W.
50.00	Begin descent over rolling land.
54.10	Drain, course N. 70° E.
80.00	Set an iron post 3 ins. dia., for the cor. of secs. 19, 24, 25 and 30, with brass cap stamped T 27 N in N. R 26 E S 24 in NW. R 27 E S 19 in NE. S 30 in SE. S 25 in SW. 1915 in S., from which A pinon 10 ins. dia. brs. N. 73° E., 94 lks. dist. Mkd. T 27 N R 27 E S 19 B T. A pinon 8 ins. dia. brs. S. 37½° W., 129 lks. dist. Mkd. T 27 N R 26 E S 25 E T. A pinon 30 ins. dia. brs. N. 46° W., 84 lks. dist. Mkd. T 27 N R 26 E S 24 B T. No other trees available. Land, rolling. Soil, 2nd rate. Timber, scattered pinon and cedar.

	North bet. secs. 19 and 24. Over rolling land, through cedar and pinon brush and timber, descending gradually.
37.00	Set an iron post 1 inch dia., for W.C. to the ¼ sec. cor. bet. secs. 19 and 24, with brass cap stamped W C ¼ in N. S 24 in W. S 19 in E. 1915 in S. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.; and raise a mound of earth 3½ ft. base, 1½ ft. high, W. of cor. Descend into arroyo.
40.00	Point for ¼ sec. cor. falls in arroyo, 40 ft. deep, course N. Thence along bed of arroyo.
48.00	Leave arroyo, bank 30 ft. high, course NW.
50.70	E. end of diversion dam across Pueblo Colorado River, brs. W., 10 lks. dist. Thence across dry bed of Pueblo Colorado River.
57.00	N. bank of Pueblo Colorado River.

Portion of
East Boundary of T. 27 N., R. 26 E.
(Resurvey)

Chains	
61.80	Road, brs. NE. and SW. Begin gradual ascent, brs. E. and W.
65.80	Begin steep ascent over sandstone boulders brs. E. and W.
70.00	Top of ascent. Ridge about 100 ft. high, brs. E. and W. Descend steep N. slope.
80.00	Set an iron post 3 ins. dia., for the cor. of secs. 13, 18, 19 and 24, with brass cap stamped
	<p style="margin-left: 40px;">T 27 N in N. R 26 E S 13 in NW. R 27 E S 18 in NE. S 19 in SE. S 24 in SW. 1915 in S., from which</p>
	<p>A pinon 10 ins. dia. brs. N. 20½° E., 65 lks. dist. Mkd. T 27 N R 27 E S 18 B T.</p>
	<p>A pinon 12 ins. dia. brs. S. 17° E., 41 lks. dist. Mkd. T 27 N R 27 E S 19 B T.</p>
	<p>A pinon 10 ins. dia. brs. S. 38½° W., 58 lks. dist. Mkd. T 27 N R 26 E S 24 B T.</p>
	<p>Old cor., as described by General Land Office notes, is North 6.94 chs. and West 7.91 chs. from my corner. I destroy marks on old cor.</p>
	<p>Land, rolling. Soil, 3rd rate. Timber, scattered cedar and pinon.</p>
	<p>Range line not continued further N.</p>
	<p>Oct. 7, 1915.</p>



Portion of
 West Boundary of T. 27 N., R. 26 E.
 (Resurvey)

Chains

Oct. 8, 1915. At 8.00 a.m., l.m.t., I set off 35° 41' on the lat. arc, 5° 58' S. on the decl. arc, and determine a meridian with the solar at the cor. of Tps. 26 and 27 N., Rgs. 25 and 26 E.

Thence I run

North bet. secs. 31 and 36.

Over rocky rolling land, descending along E. slope.

8.50 Foot of rocky E. slope. Thence over level land.

10.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 31 and 36, with brass cap stamped

1/64 in N.
 S 36 in W.
 S 31 in E.
 1915 in S.

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

20.00 Set an iron post 1 inch dia., for S. 1/16 sec. cor. bet. secs. 31 and 36, with brass cap stamped

S 1/16 in N.
 S 36 in W.
 S 31 in E.
 1915 in S.

Raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor.

28.40 Fence, brs. NW. and SE.

30.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 31 and 36, with brass cap stamped

1/64 in N.
 S 36 in W.
 S 31 in E.
 1915 in S.

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

40.00 Set an iron post 1 inch dia., for ¼ sec. cor. bet. secs. 31 and 36, with brass cap stamped

¼ in N.
 S 36 in W.
 S 31 in E.
 1915 in S.

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

50.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 31 and 36, with brass cap stamped

1/64 in N.
 S 36 in W.
 S 31 in E.
 1915 in S.

Portion of

West Boundary of T. 27 N., R. 26 E.

(Resurvey)

Chains

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.

60.00 Set an iron post 1 inch dia., for N. 1/16 sec. cor. bet. secs. 31 and 36, with brass cap stamped

N 1/16 in N.
S 36 in W.
S 31 in E.
1915 in S.

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.

70.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 31 and 36, with brass cap stamped

1/64 in N.
S 36 in W.
S 31 in E.
1915 in S.

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

75.77 Fence, brs. NE. and SW.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 25, 30, 31 and 36, with brass cap stamped

T 27 N in N.
R 25 E S 25 in NW.
R 26 E S 30 in NE.
S 31 in SE.
S 36 in SW.
1915 in S.

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

Land, rolling, 8.50 chs.
Soil, 2nd and 3rd rate.
Agricultural land, 70.00 chs. Grazing, 10.00 chs.

North bet. secs. 25 and 30.

Over level land.

8.60 Arroyo, 20 lks. wide, 5 ft. deep, course S. 5° E.

10.00 Set an iron post 1 inch dia., for 1/64 sec. cor. bet. secs. 31 and 36, with brass cap stamped

1/64 in N.
S 25 in W.
S 30 in E.
1915 in S.

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

20.00 Set an iron post 1 inch dia., for S. 1/16 sec. cor. bet. secs. 25 and 30, with brass cap stamped

Portion of
West Boundary of T. 27 N., R. 26 E.
(Resurvey)

Chains

S 1/16 in N.
S 25 in W.
S 30 in E.
1915 in S.

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.

38.00 Road, brs. E. and W.

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs.
25 and 30, with brass cap stamped

1/4 in N.
S 25 in W.
S 30 in E.
1915 in S.

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.

41.00 Enter pinon and cedar brush and timber, brs. E. and W.

55.00 Begin ascent over SE. slope.

80.00 Set an iron post 3 ins. dia., for the cor. of secs. 19,
24, 25 and 30, with brass cap stamped

T 27 N in N.
R 25 E S 24 in NW.
R 26 E S 19 in NE.
S 30 in SE.
S 25 in SW.
1915 in S., from which

A cedar 8 ins. dia. brs. N. 64° E., 118 lks. dist.
Mkd. T 27 N R 26 E S 19 B T.

A cedar 30 ins. dia. brs. S. 39 1/2° W., 33 lks. dist.
Mkd. T 27 N R 25 E S 25 B T.

No other trees suitable for bearing trees.

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

Land, rolling.

Soil, 2nd and 3rd rate.

Timber, pinon and cedar, 39.00 chs.

North bet. secs. 19 and 24.

Over broken SE. slope, ascending.

Through cedar and pinon brush and timber.

22.00 Top of ascent brs. NE. and SW.
Thence over rolling land.

40.00 Set an iron post 1 inch dia., for 1/4 sec. cor. bet. secs.
19 and 24, with brass cap stamped

1/4 in N.
S 24 in W.
S 19 in E.
1915 in S.

ECCOY 2959

Portion of
West Boundary of T. 27 N., R. 26 E.
(Resurvey)

Chains

from which -

A pinon 8 ins. dia. brs. N. $42\frac{1}{2}^{\circ}$ E., 61 lks. dist.
Mkd. $\frac{1}{4}$ S 19 B T.

A pinon 8 ins. dia. brs. N. 42° W., 54 lks. dist.
Mkd. $\frac{1}{4}$ S 24 B T.

- 42.20 Begin descent over broken land, brs. NE. and SW.
- 49.30 Foot of descent. Arroyo, 20 lks. wide, 3 ft. deep,
course W. Ascend.
- 49.50 Road, brs. N. 80° E. and S. 80° W.
- 61.00 Top of broken ascent, brs. NE. and SW.
About 100 ft. above arroyo.
Descend along NW. slope.
- 77.00 Descend over steep N. slope.
- 80.00 Set an iron post 3 ins. dia. for cor. of secs. 13, 18,
19 and 24, with brass cap stamped

T 27 N in N.
R 25 E S 13 in NW.
R 26 E S 18 in NE.
S 19 in SE.
S 24 in SW.
1915 in S., from which

A cedar 22 ins. dia. brs. N. $45\frac{1}{2}^{\circ}$ E., 132 lks. dist.
Mkd. T 27 N R 26 E S 18 B T.

A pinon 8 ins. dia. brs. S. 29° W., 105 lks. dist.
Mkd. T 27 N R 25 E S 24 B T.

No other trees suitable for bearing trees.

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
cor.

No sign of old cor. is found in this vicinity.

Land, broken and rocky.
Soil, 3rd rate.
Timber, cedar and pinon.
Grazing land.

Survey of range line bet. Rgs. 25 and 26 E., T. 27 N.,
discontinued at this point.

Oct. 8, 1915.

Frederick C. Miller,
U. S. Surveyor.

300

Denver, Colorado, *May 4* 1916.

I hereby certify that the survey of the foregoing exterior lines within the Navajo Indian Reservation, Arizona, was made under my direction and supervision, and to the best of my knowledge and belief the field work was executed in strict accordance with instructions dated June 1 and Aug. 10, 1914, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

A. F. Drummington

Topographer in Charge of
Indian Surveys.

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, Frederick C. Miller, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in surveying all those parts or portions of exterior lines of Tps. 25 N., Rgs. 24, 25 and 26 E., and Tps. 26 N., Rgs. 25 and 26 E., and T. 27 N., R. 26 E., and subdivision lines of T. 26 N., R. 25 E., and portion of Tps. 26 and 27 N., R. 26 E., Navajo Indian Reservation,

of the Gila & Salt River Meridian, in the State of Arizona which are represented in the foregoing field notes as having been executed 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 executed.

NAME.	PERIOD OF SERVICE.		CAPACITY.
	BEGUN.	ENDED.	
L. W. Cruce, Jr.	July 25, 1915	Sept. 16, 1915	Chainman
Henry Hudson	" " "	Nov. 16, 1915	Flagman
Wm Gibbs	" " "	" " "	Axman & Chainman
G. B. Hudson	" " "	" " "	Moundsman
H. M. Wilson, Jr.,	" " "	" 15 "	Axman & Chainman
H. R. Dillon	" " "	" 16 "	Chainman

Subscribed and certified to before me on the dates of the final service as shown above.

Frederick C. Miller

U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

I, Frederick C. Miller, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the Commissioner of the General Land Office by A.F. Dunnington, Topographer in Charge of Indian Surveys, bearing date of the 10th day of August, 1914, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of exterior lines of Tps. 25 N., Rgs. 24, 25, and 26 E., and Tps. 26 N., Rgs. 25 and 26 E., and T. 27 N., R. 26 E., and subdivision lines of T. 26 N., R. 25 E., and portion of Tps. 26 and 27 N., Rgs. 26 E., in the Navajo Indian Reservation, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed 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 Commissioner of the General Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Frederick C. Miller

U. S. Surveyor.

Subscribed by said Frederick C. Miller, and sworn to before me this 29th day of April, 1916.

Wilbur F. Stone

United States Commissioner for Colorado.



Wilbur F. Stone
United States Commissioner
District of Colorado.

APPROVAL.

OFFICE OF THE COMMISSIONER OF THE GENERAL LAND OFFICE.

~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~

Washington, D.C., June 20, 1917

The foregoing field notes of the survey of E. bdys. of Tps. 25 N., Rgs. 25 and 26 E., S. bdy. of T. 26 N., R. 26 E., E. bdys. of Tps. 26 N., Rgs. 25 and 26 E., 6th Guide Meridian through Tps. 25 and 26 N., Rgs. 24 and 25 E., N. bdys. of Tps. 25 and 26 N., R. 25 E., portion of N. bdy. of T. 25 N., R. 24 E., and resurvey of N. bdy. of T. 26 N., R. 26 E., and portions of E. and W. bdys. of T. 27 N., R. 26 E., (within the Navajo Indian Reservation), Gila and Salt River Meridian, Arizona,

executed by Fred'k C. Miller, U.S. Surveyor, under direction of A.F. Dunnington, Topographer in Charge of Indian Surveys, June 1 & Aug. 10, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed)

Clay Tallman

U.S. Surveyor General

Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in Navajo Indian Res'n., Ariz., has been correctly copied from the original notes on file in this office.

Handwritten signatures and initials of Clay Tallman and another official.

U. S. Surveyor General

Commissioner of the General Land Office

W.F.S.