

Subdivisional
BOOK "ZH"

2612

(1)

FIELD NOTES

OF THE SURVEY OF THE

Subdivision lines of Townships N^o
26 North, Range N^o 13 East

Of the Gila and Salt River Base and Meridian,
in the Territory of Arizona

AS EXECUTED BY

Wm L. White

United States Transitman

Special Instructions from the Commissioner of the General Land Office

Under ~~the Contract No. 26~~, dated Dec 2nd 1907 and May 15th 1908

Survey commenced October 15th _____, 1910

Survey ~~_____~~ October 28th _____, 1910



NAMES AND DUTIES OF ASSISTANTS.

T. Y. WhiteChairmanOscar W. FettersChairmanRalph C. SampsonMoundmanGeorge B. SeigAxmanNelson PolaccoAxmanWilliam R. CarsonFlagman

LB

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BOOK 2612

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PRELIMINARY OATHS OF ASSISTANTS.

WE, J. H. White and Oscar W. Wetters
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Subdivision lines of P. 26 N., R. 13 E. of the G. & S. R. B. & M., Arizona.

J. H. White, Chainman.
Oscar W. Wetters, Chainman.

Subscribed and sworn to before me this 13th
day of Oct, 1910



Van L. White

U.S. Transitman

I, Ralph C. Sampson

do solemnly swear that me will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given me to the best of my skill and ability, in the survey of the Subdivision lines of P. 26 N., R. 13 E. of the G. & S. R. B. & M., Arizona.

Ralph C. Sampson, Moundman.

Subscribed and sworn to before me this 13th
day of Oct, 1910



Van L. White

U.S. Transitman

WE, George B. Seig and Nelson Polacca

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the Subdivision lines of P. 26 N., R. 13 E. of the G. & S. R. B. & M., Arizona.

George B. Seig, Axman.
Nelson Polacca, Axman.

Subscribed and sworn to before me this 13th
day of Oct, 1910



Van L. White

U.S. Transitman

I, William R. Carson, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the Subdivision lines of P. 26 N., R. 13 E. of the G. & S. R. B. & M., Arizona.

William R. Carson, Flagman.

Subscribed and sworn to before me this 13th
day of Oct, 1910



Van L. White

U.S. Transitman

Chain

1 D.

Survey commenced October 15th 1910 and executed with a W. & L. E. Gurley engineers transit No. 76 with a Burh. solar attachment. The horizontal limb being provided with arc double verniers, reading to single minutes of arc; the verniers of the latitude and declination arcs, reading to 0' 30" of arc.

I examined the adjustments of the transit and correct the level and collimation errors; then to test the solar apparatus by comparing its indications resulting from solar observations made during am. and p.m. hours with a meridian determined by observations on Polaris I proceed as follows.

At my camp which is located near the cor. of sec. 15 16, 21 and 22. T 26 N., R 13 E., Latitude $35^{\circ} 38\frac{1}{2}' N.$ Longitude $110^{\circ} 57\frac{1}{2}' W.$ At 5^h 58^m p.m. l.m.t. I observe Polaris at eastern elongation in accordance with instructions in the Manual and mark the direction thus determined by a tack driven in a stake set firmly in the ground 5.00 chs. N. of my instrument
October 15th 1910

October 16th 1910 At 8^h 21^m a.m. l.m.t. I lay off the azimuth of Polaris $1^{\circ} 26\frac{1}{2}'$ to the west and mark the meridian thus determined by a tack driven in a stake set firmly in the ground 5.00 chs. N. of my instrument.

At 8^h 46^m a.m. l.m.t. I set off $35^{\circ} 38\frac{1}{2}' N.$ on the lat. arc $8^{\circ} 42' S.$ on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set 5.00 chs. N. of my instrument on which the solar meridian falls 0.1 ins. East of the meridian established by the Polaris observation.

At 11^h 46^m a.m. l.m.t. I set off $8^{\circ} 45\frac{1}{2}' S.$ on the decl. arc and observe the sun on the meridian and obtain a reading of $35^{\circ} 38\frac{1}{2}' N.$ on the lat. arc.

At 2^h 46^m p.m. l.m.t. I set off $35^{\circ} 38\frac{1}{2}' N.$ on the lat. arc $8^{\circ} 48' S.$ on the decl. arc and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set 5.00 chs. N. of my instrument, this point falls 0.2 ins. West of the meridian established by the Polaris observation. The solar apparatus by a.m. and p.m. observations

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defined positions for meridians respectively about 0'06" East and 0'10" West, of the meridian, established by the Polaris observations therefore Deuchville that the adjustments of the instrument are satisfactory
October 16th 1910.

October 17th 1910 At 7^h 46^m a.m., l. mt. Dep. off 35°36'N. or the lat. arc. 9°03' S. on the decl. arc, and determine a meridian with the solar at the cor. of sec. established by Sidney E. Stout Feb. 9, 1910 and described in Station Book "L" 1, 2, 35 and 36 on S. side of T₂₆N, which is an iron post 3 ins. in diam. 12 ins. above ground firmly set, marked on brass cap T₁₃E. in E. half. T₂₆N. S₃₆ in N.E., T₂₅N. S₁ in S.E., S₂ in S.W., and S₃₅ in N.W. quadrants, with pits 18x18x12 ins. in each sec., 5½ ft. dia. and a mound of earth 4 ft. base 2 ft. high. W. of cor. then run W 0°01' W. to sec. 35 and 36
Over rolling sandy land through sage and greasewood brush undergrowth and bunch grass

9.00 Dry sand wash 100 lbs. wide 3 ft. deep. course S.W. arc.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap ¼ S 35 on W. half and S 36 on E. half.
Dig pits 18x18x12 ins. N and S. of post. 3 ft. dia. and raise a mound of earth 3½ ft. base 1½ ft. high. W. of cor.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 25, 26, 35 and 36, marked on brass cap. T₂₆N S₂₆ in N.W. T₁₃E S₂₅ in N.E., S₃₆ in S.E., S₃₅ in S.W. quadrants.

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

Land rolling,

Soil sandy 3rd rate.

No timber

N 89°58' E over random line to sec. 25 and 36.

40.00 Set temp ¼ sec. cor.

- 79.94 Intersect E. edge of Twp. 3 lks S. of the cor. of sec. estab. by Sidney E. Clark on May 3, 1909, & described in Exterior Book "AB" 25, 30, 31 and 36. *Three Drums*
 S 89° 57' W. on a true line bet. sec. 25 and 36. arend S.E. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass
- 39.97 Set an iron post, 3 ft. long 1 in. in diam 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked on bears cap. 1/4 S 25 on N. half and S 36 on S. half. Dig pits 18x18x12 ins. E and W. of post, 3 ft. dia. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.
- 79.94 The cor. of sec. 25-26-35 and 36, heretofore described.
 Land rolling.
 Soil sandy 3rd rate.
 No timber
-
- N 0° 01' W. bet. sec. 25 and 26.
 Over rolling sandy land through sage and greasewood brush undergrowth and bunch grass
- 10.60 Dry ravine 25 lks. wide 3 ft. deep course S.W. arend. S.E. slope.
- 40.00 Set an iron post, 3 ft. long 1 in. in diam 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked on bears cap. 1/4 S 26 on W. half and S 25 on E. half.
 Dig pits 18x18x12 ins. N. and S. of post, 3 ft. dia. and raise a mound of earth 3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high W. of cor.
- 45.00 Top of mesa bears N.E. and S.W., level rolling land bears N.E. and S.W. Enter hilly land bears N.E. and S.W. are. steep S.E. slope.
- 53.40 Top of steep arend on S. edge of mesa bears N 76° E and S 70° W. Level hilly land bears N.E. and S.W. Enter rolling land.
- 80.00 Set an iron post, 3 ft. long 2 in. in diam, 24 in. in the ground for cor. of sec. 23, 24, 25, and 26. marked on bears cap. T. 26 N. S 23 in N.W. R 13 E S 24 in N.E. S 25 in S.E. and S 26 in S.W. quadrants.
 Dig pits 18x18x12 ins. in each sec. 5 $\frac{1}{2}$ ft.

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

(NOTE) On this cor. I set off $9^{\circ}07\frac{1}{2}'$ S. on the decl.
arc, and at noon observed the sun on the
meridian and obtain a reading of $35^{\circ}37\frac{1}{2}'$ N.
on the lat. arc.

$N89^{\circ}57'E$. on a random line bet. sec. 24 and 25 -
40.00 Set trip $\frac{1}{4}$ sec. cor.

79.90 Intersect E. l. of Twp. At the cor. of sec. 19, 24
estab. by Sidney E. Blunt Nov 13, 1909 & described in Extract Book "AB"
25 and 30, thence S run.

$S89^{\circ}57'W$. on a true line bet. sec. 24 and 25 -
Descend W. slope over rolling sandy land through
sage and greasewood bush undergrowth and
 bunch grass

18.00 Leave rolling land head N and S. Enter hilly
land head N and S. ascend E. slope.

35.30 Top of ridge head N and S. desc

36.70 Dry ravine 10 ft. below top of ridge Course South
arc.

39.95 Set an iron post 3 ft. long 1 in. in diam. 26
ins. in the ground for $\frac{1}{4}$ sec. cor. marked out
from cap $\frac{1}{4}$ S 24 on N. half and S 25 on S. half
Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high.
N. of cor. Pits impracticable.

44.50 Top of ridge head N and S. desc.

62.00 Dry ravine 10 lbs. wide Course South. arc.

79.90 This cor. of sec. 23, 24, 25, and 26, heretofore described.
Land rolling and hilly.
Soil sandy 3rd rate.
No timber

$N0^{\circ}01'W$. bet. sec. 23 and 24.

Over rolling sandy mesa land through sage and
greasewood bush undergrowth and bunch grass

11.00 Top of divide head $N65^{\circ}E$. and $S65^{\circ}W$. desc gently.
over N.W. slope.

Subdivision of Twp 26 N. R. 13 E.

Chain

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 23 on W. half and S 24 on E half.

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

80.00 Set an iron post 3 ft. long 2 ins in diam 24 ins in the ground for cor. of sec. 13, 14, 23 and 24, marked on brass cap T 26 N. S 14 in N.W. R 13 E S 13 in N.E. S 24 in S.E. and S 23 in S.W. quadrant.

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

Land rolling.

Soil sandy 3rd rate.

No timber

October 17th 1910

October 22nd 1910 A.M. 7^h 45^m A.M. L. and D. set off. 35° 38 1/2' N. on the lat. arc. 10° 50 1/2' S. on the decl. arc. and determine a meridian with the solar at the cor. of sec. 13, 14, 23 and 24, ^{above described} thence I run N 89° 57' E on a random line bet. sec. 13 and 24

40.00 Set temp 1/4 sec. cor.

79.96 Intersect E. line of Twp. 3 lks S. of the cor. of ^{estab. by Sidney G. Elliott, Nov. 3, 1909 & described in Exterior Book "AB."} sec. 17, 18, 19 and 24, thence I run

S 89° 56' W. on a true line bet. sec. 13 and 24, Descend N.W. slope over rolling sandy lands through sage and greasewood bush undergrowth and bunch grass

39.98 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 13 on N. half and S 24 on S. half

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

79.96 The cor. of sec. 13, 14, 23 and 24, heretofore described.

Land rolling.

Soil sandy 3rd rate.

No timber

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N^o 01' W. bet. secs. 13 and 14.

Over low rolling sand hills through sage and greasewood bush undergrowth and bunch grass
40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap N 45 14 on W. half and S 13 on E half.

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

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, marked on brass cap T 26 N. S 11 in N. W. R 13 E S 12 in N. E. S 13 in S. E. and S 14 in S. W.

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

Sand rolling sand hills.

Soil sandy 3rd rate.

No timber.

N 89° 56' E on a random line bet. secs. 12 and 13

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

79.94 Intersect E. line of Twp. 26 N. N. of the cor. of sec. estab. by Sidney E. Gifford Nov 3, 1909 & described in Exterior Book "AB" 7, 12, 13 and 18, thence S run

S 89° 57' W. on a true line bet. secs. 12 and 13.

Descend W. slope over low rolling sand hills.

through scattering sage and greasewood bush undergrowth and bunch grass.

39.97 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap N 4 S 12 on N. half and S 13 on S half

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

79.94 The cor. of secs. 11, 12, 13 and 14, heretofore described.

Sand rolling sand hills

Soil sandy 3rd rate.

No timber

N^o 01' W. bet. secs. 11 and 12.

Descend N slope over hilly sandy land through sage and greasewood bush undergrowth and bunch grass.

- 11.70 Dry ravine 20 lks. wide course west, are
 21.15 Top of sand ridge bears E and W. desc.
 33.78 Dry ravine 18 lks. wide course S 60° W are.
 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins
 in the ground for $\frac{1}{4}$ sec. cor. marked on brass
 cap N 511 on W. half and S 12 on E half.
 Dig pits 18x18x12 ins N. and S of post 3 ft. dia.
 and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$
 ft. high W. of cor.

43.00 Top of sand ridge bears E and W. desc.

48.25 Dry ravine 25 lks wide 3 ft. deep course
 S 35° W are.

60.50 Top of ridge bears N.E. and S.W. desc.

80.00 Set an iron post 3 ft. long 2 ins. in diam.
 24 ins. in the ground for cor. of sec. 1, 2, 11
 and 12. marked on brass cap T 26 N, S 2 in N.W.
 R 13 E S 1 in N.E. S 12 in S.E. and S 11 in S.W.
 quadrants.

Dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft.
 dia. and raise a mound of earth 4 ft. base
 2 ft. high W. of cor.

Land hilly.

Soil sandy 3rd rate.

No timber

NOTE At this cor. I set off $10^{\circ}56'$ S. on the decl arc.
 and at noon observed the sun on the meridian
 and obtain a reading of $35^{\circ}40'$ N. on the lat.
 arc.

N 89° 57' E on a random line bet. sec. 1 and 12
 40.00 Set temp $\frac{1}{4}$ sec. cor.

79.96 Intersect E. edge of Twp. 8 lks. S. of the cor. of sec.
 estab. by Sidney E. Bluff Nov. 3, 1909 & described in Exterior Book "AB"
 1, 6, 7 and 12, 11. Three Truss.

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

Over rolling sandy mesa land through scattering
 sage and greasewood bush undergrowth and
 bunch grass.

1.35 West edge of mesa bears N 45° E and S 45° W,
 Level rolling land bears N.E. and S.W. Enter hilly.

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10.30 Stony land bears N.E. and S.W. Desc. steep N.W. slope
Dry ravine 100 ft. below top of Merid Course North
asc.

11.25 Top of rocky ridge bears N and S. decl.

30.00 Dry ravine 15 lbs. wide course N 40° W, asc.

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

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

79.96 The cor. of sec. 1, 2, 11, and 12, heretofore described.

Land hilly, and rolling.

Soil sandy and stony 3^d and 4th rate.

No timber

N 0° 01' W. on a random line bet. sec. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

80.22 Intersect N. line of Twp. at the cor. of sec. 1, 2,
recently re-established by ~~map~~ ^{map} deposited in Exterior Book "AL"
35 and 36, ~~thence S. run~~

S 0° 01' E. on a true line bet. sec. 1 and 2.

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

16.18 Dry ravine 15 lbs. wide course S.W. asc.

19.00 Top of ridge bears N.E. and S.W. decl.

40.22 Set an iron post, 3 ft. long 1 in. in diam. 26
ins. in the ground for 1/4 sec. cor. marked on
brass cap 1/4 S 2 on W. half and S 1 on E half.

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

73.00 Dry ravine 20 lbs. wide 3 ft. deep course S.W. asc.

80.22 The cor. of sec. 1, 2, 11, and 12, heretofore described.

Land hilly and rolling

Soil sandy 3^d rate

No timber

October 22nd 1910

October 18th 1910
At 7^h 46^m a.m. l.m.t. Set off 35° 36' N.
on the lat. arc. 9° 24' S. on the decl. arc and determine
a meridian with the solar at the cor. of sec. 2, 3.

Subdivision of Tp 26 N, R 13 E.

chains

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estab. by Sidney E. Blout, Feb. 9, 1910 & described in Exterior Book "L" 34. and 35 on S dry. of No. 1 which is an iron post. 3 ins. in diam 12 ins. above ground, firmly set marked on brass cap. R 13 E in S half T 26 N S 35 in N.E. T 25 N S 2 in S.E. S 3 in S.W. and S 34 in N.W. quadrant with pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and a mound of earth 4 ft. base 2 ft. high W. of cor.

Thence Drum

N 0° 01' W. bet. secs. 34 and 35 -

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

11.20 Dry sand wash 15 lbs. wide 2 ft. deep course S.W.

39.60 Dry sand wash 10 lbs. wide 1 ft. deep course S 45° W

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

1/4 S 34 on W. half and S 35 on E. half

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

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 26, 27, 34 and 35 marked on brass cap. T 26 N S 27 in N.W., R 13 E S 26 in N.E. S 35 in S.E. and S 34 in S.W. quadrant.

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

Land rolling

Soil sandy 3rd rate.

No timber

N 89° 58' E. on a random line bet. secs. 26 and 35 -

40.00 Set temp 1/4 sec. cor.

80.02 Intersect N and S line 9 lbs. N. of the cor. of secs.

25 26, 35 and 36, ^{herein before described} thence Drum N 89° 58' W. on a true line bet. secs. 26 and 35 -

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

4.00 Dry ravine 30 lbs. wide 4 ft. deep course S.W. and

20.75 Top of sand ridge base N. and S. desc.

40.01 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap.

1/4 S 26 on N. half and S 35 on S. half

Dig pits 18x18x12 ins. E and W. of post. 3 ft. dist.

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and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

50.40 Dry ravine 35 lks. wide, 4 ft. deep course south arc.

80.02 The cor. of secs. 26, 27, 34 and 35, heretofore described.

Land rolling.

Soil sandy 3rd rate

No timber

Wood's W. 1/4 sec. 26 and 27.

Around S. slope over hilly sandy land through sage and greasewood bush undergrowth and bunch grass

26.40 Top of sand stone bluff 150 ft. high base E and W. Leave hilly land base E and W. Enter rolling sandy land base E and W.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 27 on W. half and S 26 on E. half.

Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27. marked on brass cap. T 26 N S 22 in N.W. R 13 E. S 23 in N.E. S 26 in S.E. and S 27 in S.W. quadrant.

Dig pits 18x18x12 ins in each sec $5\frac{1}{2}$ ft. dia. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate.

No timber

S 89° 58' E. on a random line bet. secs. 23 and 26

40.00 Set temp 1/4 sec. cor.

79.98 Intersect rand & line 3 lks. S. of the cor. of secs 23, 24, 25 and 26, ^{heretofore described} thence run

N 89° 59' W. on a true line bet. secs. 23 and 26

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

Subdivision of Twp 26 N, R 13 E.

Lehain

11

39.99 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S 23 on N. half and S 26 on S half. Dig pits 18x18x12 ins. East 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.

NOTE Clouds obscured the sun at noon today rendering an observation for latitude impossible

79.98 The cor. of secs. 22, 23, 26 and 27, heretofore described. Sand rolling. Soil sandy 3rd rate. No timber

No. 01 W. bet. secs. 22 and 23.

Over low rolling sand hills through sage and greasewood brush undergrowth and bunch grass.

40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap. $\frac{1}{4}$ S 22 on W half and S 23 on E. half. Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.

80.00 Set an iron post 3 ft. long 2 in. in diam 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23 marked on brass cap. T 26 N S 16 in N.W. R 13 E S 14 in N.E. S 23 in S.E. and S 22 in S.W. quadrants.

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.

Sand rolling sand hills.

Soil sandy 3rd rate.

No timber

40.00 S 89° 59' E on a random line bet. secs. 14 and 23. Set temp $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line 2 lks S. of the cor. of secs. 13, 14, 23 and 24, ^{heretofore described} thence drive West on a true line bet. secs 14 and 23

BOOK 2612

Over low rolling sand hills through sage and greasewood brush undergrowth and bunch grass

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 14 on N. half and S 23 on S. half.

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

A spring bears N. 8° W. 18.10 chs. dist.

53.45 Road to Indian Hogan bears N.W. and S.E.

59.00 Tops of sand ridge bears N.E. and S.W. desc

80.00 The cor. of sec. 14, 15, 22 and 23, hereinbefore described.

Rand hilly.

Soil sandy 3rd rate.

No timber

October 18th 1910

October 24th 1910, Ab. 7^h 15^m a.m. l.m.t. D set off 36° 38 $\frac{1}{2}$ ' N. on the lap. arc. 11° 30 $\frac{1}{2}$ ' S. on the decl. arc and determine a meridian with the solar at the cor. of sec. 14, 15, 22 and 23, ^{hereinbefore described} thence run N 0° 01' W. to sec 14 and 15

Descend rolling N. slope over sandy land through sage and greasewood brush undergrowth and bunch grass

2.750 Mouth of descent in depression bears E and W, drains to the west. asc. S. slope

3.15 Road to Indian Hogan bears E and W.

13.00 Tops of sand ridge bears E and W, desc.

36.50 Mouth of descent in depression bears E and W, drains to the west. asc

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap $\frac{1}{4}$ S 15 on W. half and S 14 on E. half

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

This cor. is situated on top of ridge bears E and W. desc.

73.75 Mouth of descent in depression bears N.E. and S.W. drains to the S.W. asc.

Chains

78.75' Top of sand ridge bears E. and W. desc.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 2 1/4 ins. in the ground for cor. of Secs. 10, 11, 14, and 15 marked out brass cap T 26 N, S 10 in N.W., R 13 E S 11 in N.E. S 14 in S.E. and S 15 in S.W. quadrants
 Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land hilly.
 Soil sandy 3rd rate.
 No timber

Eastward random line bet. secs. 11 and 14.
 40.00 Set temp. 1/4 sec. cor.
 80.04 Intersect N. and S. line, 10 lbs. S. of the cor. of sec. 11, 12, 13 and 14, ^{heretofore described} thence drum
 S 89° 56' W. on a true line bet. secs. 11 and 14.
 Descend N.W. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.

40.02 Set an iron post 3 ft. long 1 in. in diam. 2 1/2 ins. in the ground for 1/4 sec. cor. marked out brass cap 1/4 S 10 on N. half and S 14 on S. half.
 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high.
 N. of cor.

80.04 The cor. of secs. 10, 11, 14, and 15, heretofore described.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

W 0° 01' W. bet. secs 10 and 11
 Descend N.W. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass

4.66 Dug ravine 20 lbs. wide course S.W. and S.
 40.00 Set an iron post 3 ft. long 1 in. in diam. 2 1/2 ins. in the ground for 1/4 sec. cor. marked out brass cap 1/4 S 10 on W. half and S 11 on E. half.
 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high.

BOOK 2612

W. of cor.
 41.75 Top of sand ridge bears N.E. and S.W. desc.
 44.35 Dry ravine 30 lbs. wide 4 ft. deep course S 60° W. and
 55.00 Top of sand ridge bears N.E. and S.W. desc.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24
 ins. in the ground for cor. of sec. 2, 3, 10, and 11.
 marked out brass cap. T 26 N. S 3 in NW, R 13 E.
 S. 2 in N.E., S 11 in S.E. and S 10 in S.W. quadrants
 Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dia.
 and raise a mound of earth 4 ft. base 2 ft. high.
 W. of cor.
 Land rolling sand hills.
 Soil sandy 3rd rate.
 No timber
 NOTE Ob this cor. I set off 11° 38' S. on the decl. arc and
 at noon observe the sun on the meridian and
 obtain a reading of 35° 40' N. on the lab. arc.

N 89° 56' E on a random line bet. sec. 2 and 11
 40.00 Set temp 1/4 sec. cor
 80.02 Intersect N and S. line. At the cor. of sec. 1, 2, 11
 and 12, ^{heretofore described} thence draw
 S 89° 56' W. on a true line bet. sec. 2 and 11.
 Descend W. slope over rolling sandy land
 through sage and greasewood brush undergrowth
 and bunch grass
 5.25 Dry ravine 20 lbs. wide course S.W. asc.
 17.00 Top of ridge bears N.E. and S.W. desc.
 40.01 Set an iron post. 3 ft. long 1 in. in diam. 26 ins.
 in the ground for 4 sec. cor. marked out brass
 cap. 1/4 S 2 on N. half and S 11 on S. half.
 Dig pits 18x18x12 ins. E and W. of post. 3 ft. dia.
 and raise a mound of earth 3 1/2 ft. base 1 1/2 ft.
 high - N. of cor.
 80.02 The cor. of sec. 2, 3, 10, and 11, heretofore described.
 Land rolling sand hills.
 Soil sandy 3rd rate.
 No timber

N 0° 01' W. on a random line bet. sec. 2 and 3.

Chains

- 40.00 Sec. temp 1/4 sec. cor.
- 80.30 Intersect N. bdy of Twp 5. l. N. 89.59 E. of the cor. of sec. recently re-estab. by the ~~type~~ described in Exterior Book "A" 2. 3. 34 and 35, thence ~~thence~~ ^{thence} from:
- So 0° 03' E. on a true line to sec. 2 and 3 around N. slope over rolling sand hills.
- 10.00 Top of sand ridge bears N 78. and S. W. decl.
- 40.30 Saw an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 33 on W. half and 32 on E. half. Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. W. of cor.
- 80.30 The cor. of sec. 2, 3, 10, and 11, heretofore described. Sand rolling sand hills. Soil sandy 3rd rate. No timber

October 24th 1910

October 19th 1910 Ah. 7^h 15^m a.m. l. m. 6' Dist. off. 35° 36' N. on the lat. arc. 9° 43' S. on the decl. arc and determined a meridian with the solar alt. the cor. of sec. 3, estab. by Sidney E. Blunt, Feb. 9, 1910 and described in Exterior Book "L" 4: 33 and 34 on S. bdy of Twp. which is an iron post 3 ins. in diam. 12 ins. above ground, firmly set marked R 13 E in E. half T 26 N, S 34 in N. E. T 25 N. S 33 in S. E. S 4 in S. W. and S 33 in N. W. quadrants with pits 18 x 18 x 12 ins. in each sec 5 1/2 ft. dia. and mound of earth 4 ft. base, 2 ft. high. W. of cor. thence from

No 0° 02' W. to sec. 33 and 34.

Around S. W. slope over low rolling sand hills through sage and greasewood brush undergrowth and bunch grass

31.00 Top of sand ridge bears N 50° E and S 50° W. decl. gentle N. slope

40.00 Saw an iron post. 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 33 on W. half and 34 on E. half. Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. W. of cor.

48.05 Dry iron pipe 30 lbs. wide, 4 ft. deep course S 65° W around.

Submission of Twp 26 N., R 13 E.

16 2612 Chain
BOOK

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 in. in the ground for cor. of sec. 27, 28, 33 and 34 marked on base of T 26 N S 28. in N.W., R 13 E S 27 in N.E. S 34 in S.E. and S 33 in S.W. quadrants. Dig pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

Land rolling sand hills.
Soil sandy 3rd rate.
No timber

N 89° 58' E. on a random line bet. sec. 27 and 34
40.00 Set temp. 1/4 sec. cor
80.06 Intersch N and S. line at the cor. of sec. 26, 27, 34, and 35, ^{hereinbefore described} thence run

S 89° 58' W. on a true line bet. sec. 27 and 34. Ascend S.E. slope over hilly, sandy land through sage and greasewood bush undergrowth and bunch grass.

35.00 Top of sand ridge bears N. and S. desc.

40.03 Set an iron post 3 ft. long, 1 in. in diam. 26 ins in the ground for 1/4 sec. cor marked on base of T 4 S 27 on N. half and S 34 on S. half. Raise a mound of stone 2 ft. base, 1 1/2 ft. high. W. of cor. Pits impracticable

49.80 Dry ravine 20 lks. wide course south asc.

51.80 Top of stony ridge bears N and S. desc.

63.96 Dry ravine course south asc.

80.06 The cor. of sec. 27, 28, 33 and 34, hereinbefore described. Land hilly.
Soil sandy and stony 3rd and 4th rate.
No timber

N 0° 02' W. bet. sec. 27 and 28.

Ascend S. slope of mesa over hilly sandy land through sage and greasewood bush undergrowth and bunch grass.

34.00 Top of divide bears E and W. desc gradually over N. slope

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

Chains

the ground for 1/4 sec. cor. marked on brass cap 1/4 S 28 W. half and S 27 on E. half.

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

73.00 South edge of canyon 100 ft. deep bears E and W. descend abruptly into canyon

76.00 Bottom of canyon course W. h. are

79.00 North edge of canyon bears E and W. thence over rolling sandy land.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 21, 22, 27 and 28 marked on brass cap T₂₆N. S 21 in NW, R₁₃E S 22 in NE, S 27 in SE. and S 28 in SW. quadrant.

Raise a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor. Pits impracticable
Land rolling and hilly.
Soil sandy 3rd rate.
No timber

NOTE

At this cor. set off 9° 5 1/2' S. on the decl. arc and at noon observe the sun on the meridian and obtain a reading of 35° 37 1/2' N. on the lab. arc.

40.00 Set temp. 1/4 sec. cor.
79.98 Intersect N and S. line 2 hrs. N. of the cor. of sec. 22 23, 26 ^{heretofore described} and 27, thence run.

S 89° 59' W. on a true line bet. sec. 22 and 27, ascend E. slope over low rolling sand hills, through sage and greasewood brush undergrowth and bunch grass.

23.70 Top of sand ridge bears N and S desc.

39.99 Set an iron post 3 ft. long 1 1/2 in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap 1/4 S 28 W. N. half and S 27 on S half.

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

79.98 the cor. of sec. 21, 22, 27 and 28, heretofore described
Land rolling sand hills.

Soil sandy 3rd rate.
No timber

N₉₀°02' W. beh. sec. 21 and 22.

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

.40 South edge of canyon, bears E and W. bears rolling land bears E and W. Entire stony hilly land. Desc. abruptly N. slope into canyon.

10.50 North of descent in canyon Course W. are.

22.80 North edge of canyon bears E and W. bears hilly land bears E and W. Entire rolling mesa land.

32.00 North edge of mesa bears N.E. and S.W. desc. gradually over rolling N.W. slope.

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

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

79.50 Old road bears E and W.

80.00 Set an iron post 3 ft. long 2 in. in diam. 24 in. in the ground for cor. of sec. 15, 16, 21 and 22. marked on brass cap T₂₆N, S₁₆ in N.W., R₁₃E S₁₅ in N.E. S₂₂ in S.E. and S₂₁ in S.W. quadrants.

Dig pits 18x18x12 in. in each sec. 5 $\frac{1}{2}$ ft. dia. and raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land rolling and hilly.

Soil sandy 3rd rate.

No timber

N₈₉°59' E. on a random line beh. sec. 15 and 22.

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

79.90 Intersect N and S. line at the cor. of sec. 14, 15, 22. and 2 $\frac{1}{4}$ ^{herebefore described} hence drum.

S₈₉°59' W. on a true line beh. sec. 15 and 22.

Descend N.W. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.

Chains

19

- 39.95 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. Cor. marked on brass cap. 14515 on N. half and 322 on S. half.
Dig pits 18 x 18 x 12 in. East W 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.
- 70.60 Road to deserted Dandrew Hogan bears N.E. and S.W.
- 79.90 The cor. of secs. 15, 16, 21 and 22, heretofore described.
Land rolling.
Soil sandy 3rd rate.
No timber

October 19th 1910.

1910
October 25th Ch. 7^h 15^m a.m. Cut Dsch of $35^{\circ} 38' N$ on the lat. arc. $11^{\circ} 51' S$ on the decl arc and determine a meridian with the solar on the cor. of secs. 15, 16, 21 and 22, ^{heretofore described} ~~heretofore described~~ ^{thence} ~~thence~~ ^{Drum} ~~Drum~~

$170^{\circ} 02'$ W. bet. secs. 15 and 16.

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

- 28.68 Road to deserted Dandrew Hogan bears $N 30^{\circ} E$ and $S 30^{\circ} W$.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. Cor. marked on brass cap. 14516 on W. half and 315 on E. half.
Dig pits 18 x 18 x 12 in. 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.
- 45.20 Left bank of the De Nebeto Wash. 20 ft. high. bears $N 30^{\circ} E$ and $S 30^{\circ} W$. bears undergrowth bears N.E. and S.W.
- 48.00 Right bank of the De Nebeto Wash. 20 ft. high bears $N 30^{\circ} E$ and $S 30^{\circ} W$. around gentle S.E. slope.
- 74.00 Top of sand ridge bears East W desc.
- 80.00 Set an iron post 3 ft. long 2 in. in diam. 24 in. in the ground for cor. of secs. 9, 10, 15 and 16 marked on brass cap 726 N. S 9 in N.W. R 13 E S 10 in N.E. S 15 in S.E. and S 16 in S.W. quadrant.
Dig pits 18 x 18 x 12 in. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Land rolling.

Soil sandy 3rd rate
No timber

W89°59'E. on a random line bet. sec. 10 and 15
40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N and S. line 5 lks. N of the cor. of sec. 10
11.14. and 15. ^{heretofore described.} thence drum.

W89°59' W. on a true line bet. sec. 10 and 15

Descend N.W. slope over rolling sandy land through
sage and greasewood brush undergrowth and
bunch grass.

9.90 Dry ravine 20 lks. wide 3 ft. deep course S.W.

39.98 Set an iron post 3 ft. long 1 in. in diam. 26 in. in
the ground for 1/4 sec. cor. marked out brass cap 1/4
S 10 on N. half and S 15 on S. half.

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

51.15 Road bears N 20° E. and S 20° W.

55.90 Dry ravine 15 lks. wide 4 ft. deep course S.W.

71.75 E. bank of the De Nebets Wash. 25 ft. high bears
N and S. Leads undergrowth bears N and S.

72.45 W. bank of the De Nebets Wash. 25 ft. high bears
N and S. Enters undergrowth bears N. and S.

79.96 The cor. of sec. 9, 10, 15 and 16, heretofore described.
Land rolling.

Soil sandy 3rd rate,
No timber

W 0° 02' W. bet. sec. 9 and 10.

Descend N.W. slope over rolling sandy land through
sage and greasewood brush undergrowth and
bunch grass.

30.00 Land rolling land bears N.E. and S.W. Enter
level land bears N.E. and S.W.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 in. in
the ground for 1/4 sec. cor. marked out brass cap 1/4
S 9 on W. half and S 10 on E. half.

Dig pits 18 x 18 x 12 in. N. and S. of post 3 ft. dia.
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. W

of cor.
 80.00 Set an iron post 3 ft. long, 2 ins in diam. 24 ins in the ground for cor. of secs. 3, 4, 9 and 10. marked out brass cap T 26 N. 54 in N.W. R 13 E. S. 3 in N.E. S 10 in S.E. and S 9 in S.W. quadrant.
 Dig pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. deep and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.
 Land level and rolling
 Soil sandy 2nd and 3rd rate.
 No timber

NOTE At this cor. Set off N 59° S. on the decl. arc and at noon observe the sun on the meridian and obtain a reading of 35° 40' N. on the lab. arc.

40.00 S 89° 59' E, on a random line bet. secs 3 and 10
 Set temp. 1/4 sec. cor.
 79.90 Intersect N and S. line 8 lvs. S. of the cor. of secs. 2, 3, 10, and ^{heretofore described} W. thence run S 89° 58' W. on a true line bet. secs. 3 and 10.
 Descend W. slope over rolling sandy land through sage and greasewood brush, undergrowth and bunch grass

39.95 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the ground for 1/4 sec. cor. marked out brass cap. No 3 on N. half and S 10 on S. half.
 Dig pits 18 X 18 X 12 ins. East W. of post 3 ft. deep, and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

46.40 Road bears N 20° E and S 20° W.

51.52 Left bank of the De Veto Wash 30 ft. high bears N.E. and S.W. Leave undergrowth bears N.E. and S.W.

53.30 Right bank of the De Veto Wash 30 ft. high bears N.E. and S.W. Enter undergrowth bears N.E. and S.W., thence over level sandy land.

79.90 The cor. of secs. 3, 4, 9 and 10, heretofore described.
 Land level and rolling.
 Soil sandy 2nd and 3rd rate.
 No timber

40.00 N 0° 02' W. on a random line bet. secs. 3 and 4.
 Set temp 1/4 sec. cor.

Subdivision of T₂₆N, R₁₃E.

- 80.30 Intersect N. fdry of T₁₄ N. 89° 59' of the Cor. of sec 3, recently re-estab. by me and described in Exterior Book "AL" 4, 33 and 34, ^{thru} the Drum
S 0° 08' E. on a true line bet. sec. 3 and 4
Over level sandy land through sage and greasewood brush undergrowth and bunch grass
- 40.30 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked out brass cap 4 S 4 on W. half and 33 on E. half
Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.
- 80.30 The cor. of sec. 3, 4, 9 and 10, heretofore described.
Land level.
Soil sandy 2nd and 3rd rate.
No timber

October 25th 1910.

- October 20th 1910 At 7^h 15^m a.m. line. L. Ditch off 35° 36' N. on the loc. arc. 10° 05' S. on the decl. arc and determine a meridian with the solar at the cor. of sec 4, 5, estab. by Sidney E. Boyd Feb. 9, 1910 & described in Exterior Book "L" 32 and 33 on S. fdry. of T₁₄ N. which is an iron post 3 ins. in diam. 12 ins. above ground, firmly set marked out brass cap R13 E in E. half T26 N S33 in N.E. T25 N S4 in S.E. S5 in S.W. and S32 in N.W. quadrant., with pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and a mound of earth 4 ft. base 2 ft. high W. of cor. the end Drum.
N 0° 03' W. bet. sec 32 and 33.
Are on S. slope over low rolling sand hills. through sage and greasewood brush undergrowth and bunch grass
- 18.00 Top of sand ridge bear E and W. desc.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked out brass cap 4 S 32 on W. half and 33 on E. half.
Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dist. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor
- 44.00 Foot of descent in depression from N.E. and S.W. drawn to the S.W. asc.
- 70.00 Top of sand ridge bear N.E. and S.W. desc.
- 74.35 Dry ravine course S.W. asc. S.W. slope.
- 80.00 Set an iron post 3 ft. long 2 in. in diam. 24 ins. in.

Subdivision of No 26 N, R 13 E.

Chains

23

the ground for cor. of secs. 28, 29, 32 and 33, marked
on brass Cap T 26 N 329 in N.W., R 13 E, S 28 in N.E.
S 33 in S.E. and S 32 in S.W. quadrants.

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

Land rolling sand hills.

Soil sandy 3rd rate.

No timber

N 89° 58' E on a random line bet. sec. 28 and 33.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line at the cor. of sec.

27, 28, 33 and 34 ^{heretofore described} then run

S 89° 58' W. on a true line bet. sec. 28 and 33.

Around E. slope of sand ridge over sandy land
through sage and greasewood bush undergrowth
and bunch grass.

1.00 Top of ridge bears N and S. desc.

40.01 Set an iron post 3 ft. long 1 in. in diam 26 ins. in
the ground for 1/4 sec. cor. marked on brass Cap 14528
on N. half and S. 33 on S. half

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

75.15 Foot of desc. in depression bears N.E. and S.W. drains
to the S.W. are gradually.

80.02 The cor. of sec. 28, 29, 32 and 33, heretofore described.

Land rolling and hilly.

Soil sandy 3rd rate.

No timber

N 0° 03' W. bet. sec. 28 and 29.

Around S.W. slope over rolling sandy land through
sage and greasewood bush undergrowth and
bunch grass.

2350 Top of sand ridge bears N.E. and S.W. desc. gradually
over N.W. slope.

40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the
ground for 1/4 sec. cor. marked on brass Cap 4529 on

Subdivision of Twp 26 N., R 13 E.

W. half and S 28 on E. half.
 Dig pits 18x18x12 ins. N and S. of post 3 ft. dia and raise
 a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.
 4246 Pyramid 15 lbs wide, course S.W. asc.
 6384 Road bears N.E. and S.W.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in
 the ground for cor. of secs. 20, 21, 28 and 29, marked on
 brass cap T 26 N. S 20. in N.W. R 13 E. S 21 in N.E. S 28 in S.E.
 and S 29 in S.W. quadrants.
 Dig pits 18x18x12 ins. in each sec. 5 1/2 ft. dia. and
 raise a mound of earth 4 ft. base 2 ft. high W. of cor.
 Land rolling and hilly.
 Soil sandy 3rd rate.
 No timber

NOTE On this cor. set off. 10° 13' S. on the decl. arc and at
 noon observe the sun on the meridian and obtain a
 reading of 35° 37 1/2' N. on the lab. arc.

W 89° 58' E on a random line bet. secs. 21 and 28.
 40.00 Set temp. 1/4 sec. cor.
 80.06 Intersect N and S. line at the cor. of secs 21, 22,
 27 and 28, ^{hereinbefore described} thence run
 S 89° 58' W on a true line bet. secs. 21 and 28.
 Over rolling sandy land through sage and greasewood
 brush undergrowth and bunch grass.
 1.42 West edge of mesa bears N.E. and S.W. Leave rolling
 land bears N.E. and S.W. Enter stony hilly land.
 Descend abruptly over sandstone cliffs 100 ft high.
 3.50 Foot of steep descent. Leave hilly land bears N.E. and S.W.
 Enter rolling sandy land.
 40.03 Set an iron post 3 ft. long 1 1/2 ins. in diam. 26 ins. in the
 ground for 1/4 sec. cor. marked on brass cap 1/4 S 21 on N.
 half and S 28 on S. half.
 Dig pits 18x18x12 ins. East W. of post 3 ft. dia. and raise
 a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.
 69.47 Road bears N.E. and S.W.
 80.06 The cor. of secs. 20, 21, 28, and 29, hereinbefore described.
 Land rolling and hilly.
 Soil sandy and stony 3rd and 4th rate.
 No timber

Chain

- N 0° 03' W. bet. sees. 20 and 21.
 Descend N.W. slope over rolling sandy land through
 sage and greasewood brush undergrowth and
 bunch grass
- 1.82 Left bank of the De Nebeto Wash 20 ft. high bears
 N.E. and S.W. bears undergrowth bears N.E. and S.W.
- 11.60 Right bank of the De Nebeto Wash. 20 ft. high bears
 N.E. and S.W. Enter undergrowth bears N.E. and
 S.W. ascend gradually over S.E. slope.
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 in. in the
 ground for 1/4 sec. cor. marked on brass Cop. 4 S 20
 on W. half and S 21 on E. half.
 Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dish and
 raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of
 cor.
- 80.00 Set an iron post 3 ft. long 2 in. in diam. 24 in. in
 the ground for cor. of sees. 16, 17, 20 and 21 marked
 on brass Cop T 26 N. S 17 in N.W. R 13 E S 16 in N.E. S
 21 in S.E. and S 20 in S.W. quadrants.
 Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dish and
 raise a mound of earth 4 ft. base, 2 ft. high W.
 of cor.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

October 20th 1910

- October 26th 1910
 Ch. 7^h 44^m a.m. level Dish off 35° 38 1/2'
 Now the lat. are. 12° 14' S on the decl. arc and
 determine a meridian with the solar on the
 cor. of sees. 16, 17, 20, and 21, ^{above described} thence run
 N 89° 58' E on a random line bet. sees. 16 and 21
- 40.00 Set trip. 1/4 sec. cor.
- 80.06 Intersect N and S. line 5 lvs. N. of the cor. of sees.
 16, 17, 21 and 20, ^{here before described} thence run
 West on a true line bet. sees. 16 and 21
 Descend N.W. slope over rolling sandy land through
 sage and greasewood brush undergrowth and
 bunch grass.
- 2.27 Road bears N 70° W. and S 70° E.
- 16.12 Road bears N 25° E and S 25° W.
- 18.61 Left bank of the De Nebeto Wash. 25 ft. high bears

BOOK

NE. and S.W. Corn undergrowth bears NE. and S.W.
19.60 Right bank of the De Nebito wash. 25 ft. high bears NE.
and S.W. Cutover undergrowth bears NE. and S.W. are
gradually over SE. slope

40.03 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked out bears Cap. $\frac{1}{4}$ S 16 on
N. half and S 21 on S. half.

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

80.06 The cor. of secs. 16, 17, 20, and 21, heretofore described.

Land rolling.

Soil sandy 3rd rate

No timber

N $0^{\circ}03'$ W. Secs. 16 and 17.

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

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked out bears cap $\frac{1}{4}$ S 17 on
W. half and S 16 on E. half.

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

80.00 Set an iron post 3 ft. long 2 in. in diam. 24 ins. in
the ground for cor. of Secs. 8, 9, 16 and 17, marked out
bears Cap T 26 N 38 in N.W., R 13 E S 9 in N.E. S 16 in
S.E. and S 17 in S.W. quadrants.

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

Land rolling.

Soil sandy 3rd rate.

No timber

Each on a random line Secs. 9 and 16.

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

80.06 Intersect N and S. line & lvs. N. of the cor. of secs.
9, 10, 15 and 16, ^{heretofore described} three drums

N $89^{\circ}57'$ W. on a true line Secs. 9 and 16.

Chain

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

40.03 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 90 W half and S 16 or S. half.

Dig pits 18 X 18 X 12 ins. East W. 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 The cor. of secs. 8, 9, 16 and 17, hereinbefore described.

Land rolling.
Soil sandy 3rd rate
No timber

N^o 03' W. 1/4 sec. 8 and 9.

Over rolling sandy S.E. slope through sage and greasewood brush undergrowth and bunch grass

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 80 W. half and S 90 W. E. half.

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

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 4, 5, 8, and 9, marked on brass cap T 2671 S 5 in N.W. R 13 E, S 4 in N.E. S 9 in S.E. and S 8 in S.W. quadrants.

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

Land rolling.
Soil sandy 3rd rate.
No timber

NOTE At this cor. I set off $12^{\circ} 19\frac{1}{2}'$ S. on the decl. arc and at noon observe the sun on the meridian and obtain on the hor. arc a reading of $35^{\circ} 40' N.$

S 89^o 57' E on a random line bet. sec. 4 and 9,

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

80.12 Intersect. N. and S. line 5 lks. N. of the cor. of secs. 3, 4, 9 and 10, ^{hereinbefore described} thence I run.

Subdivision of Twp 26 N., R 13 E.

- N 89° 55' W. on a true line bet. sec. 4 and 9
Over rolling sandy land through sage and greasewood,
brush undergrowth and bunch grass.
- 40.06 Set an iron post 3 ft. long 1 in. in diam 26 in. in
the ground for $\frac{1}{4}$ sec. cor. marked out brass cap.
44 54 on N. half and 59 on S. half.
Dig pits 18 x 18 x 12 in. E and W. of post 3 ft. dist. and
raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high. W.
of cor.
- 44.00 Level rolling land bears N.E. and S.W. Enter hilly
land. Ascend S.E. slope.
- 49.00 Top of aspen. Level hilly land bears N.E. and S.W.
Enter rolling land.
- 59.00 Top of sand ridge bears N and S. desc. gently over
W. slope.
- 67.40 Top of descent in depression bears N and S. drains
to the south, asc. gently.
- 80.12 The cor. of sec. 4, 5, 8 and 9, heretofore described.
Land rolling and hilly
Soil sandy 3rd rate.
No timber

- N 0° 03' W. on a random line bet. sec. 4 and 5
Set temp. $\frac{1}{4}$ sec. cor.
- 80.14 Intersect N. bdy. of Twp. 14 Ch. N. 89° 59' E. of the cor. of sec.
recently estab. by some (see) described in Extent Book "AL"
4, 5, 32 and 33. N. line of drive.
- S 0° 09' E. on a true line bet. sec. 4 and 5.
Ascend N.E. slope over hilly sandy land through sage
and greasewood brush undergrowth and bunch
grass.
- 7.50 Top of ridge bears E. and W. desc.
- 16.10 Dry random course East asc.
- 21.65 Top of steep aspen on mesa bears E. and W. Level
hilly land bears E. and W. Enter rolling land. Continue
gradual aspen.
- 37.00 Top of sand ridge bears N.E. and S.W. desc
- 40.14 Set an iron post 3 ft. long 1 in. in diam. 26 in. in
the ground for $\frac{1}{4}$ sec. cor. marked out brass cap 44 55
on W. half and 54 on E. half
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high. W. of cor.
Pit impracticable

Subdivision of T₂₆N R₁₃E.

Claims

- 57.63 Dry ravine 8 lks. wide course S.E. asc. gently
- 80.14 The cor. of secs. 4, 5, 8, and 9, heretofore described.
Land rolling and hilly.
Soil sandy 3rd rate.
No timber

October 26th 1910

October 21st 1910; Ab. 7^h 45^m a.m. l.m.t. Desc. off.
35° 36' N. on the lat. arc, 10° 29' S. on the decl arc
and determine a meridian with the solar at
the cor. of secs. 5, 6, 31 and 32, on S. l. of T₂₆N
estab. by Sidney E. Clark, Feb 2, 1910 & described in Exhibit Book "A"
which is an iron post 3 ins. in diam. 12 ins. above
ground, firmly set, marked R13E in E half, T₂₆N
S 32 in NW, T₂₅N S 5 in SE, S 6 in SW, and S 31
in NW. quadrants, with pits 18 x 18 x 12 ins. in each.
sec. 5 1/2 ft. dia. and a mound of earth 4 ft. base 2 ft.
high W. of cor. three drums
No° 03' W. bet. secs. 31 and 32.

Descend N.W. slope over low rolling sand hills.
through sage and greasewood bush undergrowth
and bunch grass

- 3.00 Foot of descent in depression toward E. and W. drains
to the east asc. gently
- 40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cor. marked on brass cap 1/4
S 31 on W. half and S 32 on E. half
Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dia. sh.
and raise a mound of earth 3 1/2 ft. base 1 1/2 ft.
high W. of cor.
- 68.00 Top of sand ridge toward E. and W. desc. N. slope
- 75.00 Foot of descent in depression toward E. and W. drains
east. asc.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins.
in the ground for cor. of secs. 29, 30, 31 and 32
marked on brass cap T₂₆N S 30 in NW, R13E S
29 in NE, S 32 in SE and S 31 in SW. quadrants.
Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dia. sh.
and raise a mound of earth 4 ft. base, 2 ft.
high W. of cor.
Land rolling sand hills.
Soil sandy 3rd rate.
No timber

BOOK 2612

- N 89° 58' E on a random line bet. sec. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.10 Intersect N. and S. line at the cor. of sec.
 28, 29, 32, and 33, ^{heretofore described} thence Iron
 S 89° 58' W. on a true line bet. sec. 29 and 32.
 Ascend S.E. slope over low rolling sand hills
 through sage and greasewood brush undergrowth
 and bunch grass
- 4.00 Top of sand ridge bears N.E. and S.W. desc.
 16.44 Rodd bears N. 25° E and S 25° W.
 19.50 Left bank of the De Nebeto Wash 25 ft. high bear
 N 25° E and S 25° W. bears undergrowth bears N.E.
 and S.W.
- 20.25 Right bank of the De Nebeto Wash 20 ft. high bear
 N 25° E and S 25° W. Enter undergrowth bears N.E.
 and S.W.
- 40.05 Set an iron post 3 ft. long 1 in. in diam. 26 ins
 in the ground for $\frac{1}{4}$ sec. cor. marked on brass
 Cap $\frac{1}{4}$ S 29 on N. half. and S 32 on S. half.
 Dig pits 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.
- 80.10 The cor. of sec. 29, 30, 31 and 32, heretofore described.
 Sand hilly
 Soil sandy sed. rate.
 No timber

- S 89° 58' W. on a random line bet. sec. 30 and 31
 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.46 Intersect 3rd Guide Meridian East. 6 lks S. of the
 recently estab. by me & described in Standard Book "Q"
 Cor. of sec. 25, 30, 31 and 36, thence Iron.
 S 89° 59' E on a true line bet. sec. 30 and 31.
 Descend S.E. slope over rolling sandy land through
 sage and greasewood brush undergrowth and
 bunch grass.
- 37.00 Dry ravine 100 lks. wide 1 ft. deep curved S 25° W
 ascend gradually.
- 39.46 Set an iron post 3 ft. long 1 in. in diam 26 ins.
 in the ground for $\frac{1}{4}$ sec. cor. marked on brass
 Cap $\frac{1}{4}$ S 30 on N. half and S 31 on S. half.
 Dig pits 18 x 18 x 12 ins. E. and W. of post 3 ft. dist.

Subdivision of Twp 26 N., R 13 E.

Chains

and raise a mound of earth 3 1/2 ft base 1 1/2 ft high N. of cor.

NOTE

At this cor I set off 10° 34 1/2' S on the decl. arc, and at noon observed the sun on the meridian the resulting latitude being 35° 37' N.

65.00

Top of low sand ridge bears N.E. and S.W. dec. gently.

79.46

The cor. of secs. 29, 30, 31 and 32, herein before described.
Sand rolling
Soil sandy 3rd rate.
No timber

N 0° 03' W. bet. secs. 29 and 30.

Around S.E. slope over rolling sandy land through sage and greasewood brush undergrowth

15.00

Top of sand ridge bears N.E. and S.W. dec. gently

40.00

Saw iron post 3 ft. long 1 in. in diam. 26 in. in the ground for 1/4 sec. cor. marked out brass cap 44 530 on W. half and 329 on E. half.

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

68.30

Dry sand wash 100 lbs. wide 4 ft. deep covered shell.

78.20

Enter same sand wash. in bend from N.W. to S.E. thence in wash.

80.00

This point for cor. of secs. 19, 20, 29, and 30 falls in bed of wash. where natural cause would insure the destruction of the cor. therefore at

77.00

Saw iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for witness cor. to the cor. of secs. 19, 20, 29 and 30. marked out brass cap N.C. in N. half. T 26 N. S 19 in N.W., R 13 E S 20 in N.E. S 29 in S.E. and S 30 in S.W. quadrant.

Dig pits 18x18x12 ins. N.E., S.E., S.W. and N.W. of post 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high. W. of cor.

Sand rolling.
Soil sandy 3rd rate.
No timber

Subdivision of Twp 26 N., R 13 E.

Chain

BOOK 2612

- From true point for cor. of secs. 19, 20, 29 & 30, in wash, Drum
- N 89° 58' E. on a random line bet. secs. 20 and 29
- 40.00 Set temp. 1/4 sec. cor.
- 80.04 Intersect N and S line 5 lks. N. of the cor. of secs. 20, 21, 28, and 29. thence Drum
- West on a true line bet. secs 20 and 29,
- Over rolling sandy land through sage and greasewood bush undergrowth and bunch grass
- 1.45' Left bank of the De Nebeto Wash. 20 ft. high. bears N.E. and S.W. Leave undergrowth bears N.E. and S.W.
- 2.04 Right bank of the De Nebeto Wash. 20 ft. high. bears N.E. and S.W. Enter undergrowth bears N.E. and S.W.
- 40.02 Set an iron post. 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked out bears Cap. 14520 on N. half and 329 on S. half.
- Dig pits 18 x 18 x 12 ins. East W of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high N. of cor.
- 80.04 The point for cor. of secs. 19, 20, 29, and 30, in wash. Land rolling. Soil sandy 3rd rate. No timber

October 21st 1910

- 1910
- October 27th Ah. 7^h 44^m a.m. local - Dren off 35° 37 1/2' N. on the lab. arc. 12° 34 1/2' S. on the decl. arc. and determine a meridian with the solar at the ^{true point for} cor. of secs 19, 20, 29 and 30, ^{herein before described} thence Drum
- N 89° 59' W. on a random line bet. secs. 19 and 30.
- 40.00 Set temp 1/4 sec. cor.
- 79.42 Intersect the 3rd Guide Meridian East. at the cor. recently estab. by me & described in Standard Book "O" of lps. 19, 24, 25 and 30, thence Drum.
- N 89° 59' E. on a true line bet. secs. 19 and 30.
- Descend S.E. slope over rolling sandy land through sage and greasewood bush undergrowth and bunch grass.
- 8.00 Foot of depression in depression bears N.E. and S.W. drains to S.W. arc.
- 28.00 Top of sand ridge bears N.E. and S.W. desc.
- 39.42 Set an iron post. 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked out bears cap 14519 on N. half and 330 on S. half.

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

78.30 Enter sand wash Course S.E.

79.42 ^{Find} The point for cor. of sec. 19, 20, 29, and 30, ^{hereinbefore described.}

Land rolling.

Soil sandy 3rd rate

No timber

N 0° 03' W., bet. sec. 19 and 20. from the true point for cor. of sec. 19, 20, 29 and 30, in wash.

Over dry bed of sand wash.

2.50 Leave wash Course S.W. thence over rolling sandy

land through sage and greasewood brush and lignum.

16.70 The same wash 100 lbs wide, 4 ft. deep Course S.E.

Begin gradual ascent over S.W. slopes.

40.00 Show iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass Cop. T 26 N. S 18 in N.W. R 13 E. half and S 20 in E. half.

Dig pits 18 x 18 x 12 ins. East 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.

56.00 Leave rolling land bear E and W, Enter stony hill land bear E and W. ascend abruptly over rock ledge 40 ft. high.

56.90 Top of ledge bears E and W. desc. N. slope.

58.00 Dry ravine Course S.W. asc.

73.00 Top of ridge bears E and W. desc.

80.00 Show iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of sec. 17, 18, 19 and 20. marked on brass Cop. T 26 N. S 18 in N.W. R 13 E.

S 17 in N.E. S 20 in S.E. and S 19 in S.W. quadrants

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

W. of cor

Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate.

No timber

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

BOOK 2612

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 80.04 Intersect 7th and S. line 14 lks. S. of the cor. of sec 16, 17, 20, and 21, ^{heretofore described} thence Drive
S89°58' W. on a true line bet. sec. 17 and 20.
Ascend S.E. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass
- 40.02 Set all iron post 3 ft. long 1 in. in diam. 26 in. in the ground for $\frac{1}{4}$ sec. cor. marked out brass cap. 14 S 17 on N. half and S 20 on S. half.
Dig pits 18x18x12 ins. East W. of post 3 ft. deep. and raise a mound of earth 3 $\frac{1}{2}$ ft. face 1 $\frac{1}{2}$ ft. high N. of cor.
- 64.00 Top of sand ridge bears N.E. and S.W. desc. gently.
- 80.04 The cor. of sec. 17, 18, 19 and 20; heretofore described.
Land rolling.
Soil sandy 3rd rate.
No timber

- W 89°59' W. on a random line bet. sec 18 and 19
- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.34 Intersect the 3rd Guide Meridian East, 4 lks S. ^{recently estab. by me & described in Standard Book "D"} of the Cor. of sec. 13, 18, 19 and 24, thence Drive
S89°57' E. on a true line bet. sec. 18 and 19,
Descend E. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.
- 39.34 Set all iron post 3 ft. long 1 in. in diam. 26 in. in the ground for the sec. cor. marked out brass cap. 14 S 18 on N. half and S 19 on S. half.
Dig pits 18x18x12 ins East W. of post 3 ft. deep. and raise a mound of earth 3 $\frac{1}{2}$ ft. face 1 $\frac{1}{2}$ ft. high N. of cor.
- 79.70 High bank of dry sand wash 3 ft. high bears N and S. Leaves undergrowth bears N and S.
- 52.20 High bank of sand wash 3 ft. high. bears N and S.
Enter undergrowth bears N and S.
- 79.34 The cor. of sec. 17, 18, 19 and 20, heretofore described.
Land rolling.
Soil sandy 3rd rate
No timber

Chain

N 0° 03' W. beh. sec. 17 and 18.

Descend n.w. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap 4 S 18 on W. half. and S 17 on E. half. Dig pits 18 x 18 x 12 ins. N and S. of post. 3 ft. diam. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. W. of cor.

77.00 Foot of descent in depression bears NE and S.W. drains to the S.W. asc. gradually.

80.00 Set an iron post 3 ft. long 2 in. in diam. 24 ins. in the ground for cor. of sec. 7, 8, 17, and 18. marked on brass cap T 26 N. 37 in N.W. R 13 E. 38 in N.E. S 17 in S.E. and S 18 in S.W. quadrant. Dig pits 18 x 18 x 12 ins. in each sec 5 1/2 ft. diam. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.

Land rolling
Soil sandy 3rd rate.
No timber

NOTE

Clouds obscure the sun ab. noon today rendering an observation for latitude impossible. Oct 27, 1910.

October 28th 1910. Ch. 7^h 44^m am. Com. D. set off. 35° 3 1/2' N. on the lat. arc, 12° 55' S. on the decl. arc and determine a meridian with the solar at the cor. of sec. 7, 8, 17 and 18, ^{above described} thence draw N 89° 58' E on a random line beh. sec. 8 and 17.

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

80.00 Intersect N and S. line at the cor. of sec. 8, 9, 16, and 17, ^{heretofore described} thence draw S 89° 58' W. on a true line beh. sec. 8 and 17

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

16.00 Begin rapid descent over W. slope.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap 4 S 8 on N. half and S 17 on S. half. Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft. diam. and raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high. N. of cor.

BOOK 2612

76.00 Foot of descent in depression toward N.E. and S.W.
drains S.W. are gently

80.00 The cor. of secs 7, 8, 17 and 18, heretofore described.
Land rolling.
Soil sandy 3rd rate.
No timber

N 89° 57' W. on a random line bet. secs. 7 and 18.

40.00 Set temp 1/4 sec. cor.

79.26 Intersect the 3rd Guide Meridian East. 3 lks. S. of the
recently estab. by me & described in Standard Book "O"
Cor. of secs 7, 12, 13 and 18, thence run
S 89° 56' E. on a true line bet. secs. 7 and 18.
Ascend gradually over NW slope through sage and
greasewood brush undergrowth and bunch grass

35.75 Top of ridge toward N and S. desc.

39.26 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cor. marked on brass
cap 1/4 S 7 on N. half and 3/8 on S half.
Dig pits 18 x 18 x 12 ins. E and W. of post. 3 ft. dia.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
high N. of cor.

47.85 Dry wash 30 lks. wide course south are.

73.20 Top of sand ridge toward N and S. desc.

79.26 The cor. of secs. 7, 8, 17, and 18, heretofore described.
Land rolling and hilly.
Soil sandy 3rd rate.
No timber

N 0° 03' W. bet. secs. 7 and 8.

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

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
the ground for 1/4 sec. cor. marked on brass cap.
1/4 S 7 on N. half and S 8 on E. half
Dig pits 18 x 18 x 12 ins. N and S. of post 3 ft. dia.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft.
high W. of cor.

47.00 Top of sand ridge toward N.E. and S.W. desc.

70.00 Dry sand wash 40 lks. wide 2 ft. deep course
S.W. are.

Chains

37

80.00 Set an iron post 3 ft. long, 2 in. in diam. 24 ins. in the ground for cor. of sec. 5, 6, 7, and 8 marked on Brass Cap. T₂₆N. S₆ in N.W. R₁₃E S₅ in N.E. S₈ in S.E. and S₇ in S.W. quadrants.
 Dig pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dia. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
 Land rolling
 Soil sandy 3rd rate.
 No timber

NOTE. At this cor. Deb. off. 13° 00 1/2' S. on the decl. arc and at noon observe the sun on the meridian the resulting lat. being 35° 40' N.

40.00 Set temp. 1/4 sec. cor.
 80.04 Intersect N. and S. line 3 lks. S. of the cor. of sec. 4, 5, 8, and ^{heretofore described} _{the} ^{thence} Drum.
 S 89° 57' W. on a true line bet. sec. 5 and 8.
 Over rolling sandy land slopes to S.W. through sage and greasewood brush undergrowth and bunch grass

40.02 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on Brass Cap 1/4 S₅ on N. half and S₈ on S. half.
 Dig pits 18 x 18 x 12 ins. East W. of post 3 ft. dia. and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.

65.25 Dry ravine 25 lks. wide 3 ft. deep course S.W.
 72.60 Dry ravine 15 lks. wide 2 ft. deep course South and gradually
 80.04 The cor. of sec. 5, 6, 7 and 8, heretofore described.
 Land rolling.
 Soil sandy 3rd rate.
 No timber

40.00 Set temp. 1/4 sec. cor.
 79.16 Intersect the 3rd Guide Meridian East. 2 lks N. ^{recently established & described in Stafford Book "O"} of the cor. of sec. 1, 6, 7 and 12, thence Drum

BOOK 2612

- $89^{\circ}57'E$, on a true line bet. sec. 6 and 7.
 Ascend W. slope over hilly sandy land through
 scattering sage and greasewood brush undergrowth
 and bunch grass.
- 4.00 Top of sand ridge bears N. and S. desc.
- 32.60 Dry ravine 50 lbs. wide course South acc. W. slope
- 39.16 Saw iron post 3 ft. long 1 in. in diam. 26 in. in the
 ground for $\frac{1}{4}$ sec. cor. marked on brass cap $\frac{1}{4}$ S 6 on
 N. half and S 7 on S. half.
- Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high N.
 of cor. Pits impracticable
- 44.20 Dry ravine 20 lbs. wide course S.W. acc.
- 49.00 Top of ridge bears N.E. and S.W. desc.
- 50.60 Dry ravine 15 lbs. wide course S.W. acc.
- 74.00 Top of sand ridge bears N. and S. desc.
- 79.16 The cor. of sec. 5, 6, 7 and 8; here as before described.
 Land hilly.
 Soil sandy 3rd rate.
 No timber

- $N 0^{\circ}03' W$, on a random line bet. sec. 5 and 6.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.14 Intersect N. l. by of Twp. 21 lbs. $N 89^{\circ}57'E$ the cor. of sec.
 recently estab. by the post described in Extens. Book "AL"
 5, 6, 7, and 8, hence true.
- $80^{\circ}12'E$, on a true line bet. sec. 5 and 6.
- Over rolling sandy land through sage and greasewood
 brush undergrowth and bunch grass
- 17.75 Leave rolling land bears N.E. and S.W. Enter stony
 hilly land. Descend steep S.W. slope of mesa.
- 33.40 Top of steep descent in dry ravine 60 ft. below top
 of mesa course S.W. acc.
- 37.65 Top of ridge bears $N 20^{\circ} E$ and $S 20^{\circ} W$ desc.
- 40.14 Saw iron post 3 ft. long 1 in. in diam. 26 in.
 in the ground for $\frac{1}{4}$ sec. cor. marked on brass
 cap $\frac{1}{4}$ S 6 on W. half and S 5 on E. half.
- Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W
 of cor.
- 80.14 The cor. of sec. 5, 6, 7, and 8, here as before described.
 Land rolling and hilly.
 Soil sandy and stony 3rd and 4th rate.
 No timber

October 28th 1910

General Description

This township contains every variety of land from high broken mesas to level bottom land and the soil ranged from a sandy loam to barren rock.. The soil of the bottom land along the De Nebito Wash in the central part of the township is a sandy loam mixed with adobe and is capable of producing good crops with irrigation to which nearly the whole valley is susceptible.

The soil of the remaining portions of the township except the bluffs along the Mesas can nearly all be classed as third rate, is covered with an abundant growth of bunch grass which furnished excellent pasture for stock..

No timber is found in the township and very little water except in time of the rainy season when the De Nebito Wash flows water for a short-time and in a spring in sec. 14.

No mineral or stone of value was found in the township, however from surface indications it is probable that coal in large quantities underlies the south eastern part of the township. There are no permanent settlers in this township.

Jan L. White
U.S. Geologist

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BOOK 2612

U. S. TRANSITMAN
FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Van L. White U.S. Transitman, ~~United States Deputy Surveyor~~, do solemnly swear that, in pursuance of Special Instructions received from The Commissioner of the General Land Office, bearing date of the 2nd day of Oct. 1907 and the 15th day of May, 1908, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the Commissioner of the General Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Subdivision lines of Township No. 26 North of Range No. 13 East

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the 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.

Van L. White
~~United States Deputy Surveyor~~
Transitman

Subscribed by said Van L. White and sworn to before me }
this 27th day of December, 1912



Lytton R. Taylor
U.S. Commissioner
at Las Vegas, N.M.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona APR 25 1914

The foregoing field notes of the survey of the Subdivision lines of Township 26 North, Range 13 East of the Gila and Salt River Base and Meridian, Arizona.

executed by VAN L. WHITE U.S. Transitman, under Special Instructions from the Commissioner of the General Land Office, dated Oct. 2, 1907 and May 15, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank Ingalls
United States Surveyor General
SURVEYOR GENERAL OF ARIZONA

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

~~United States Surveyor General~~

U.S. TRANSITMAN
FINAL OATHS OF ~~DEPUTY SURVEYOR~~ AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Van L. White

U.S. Transitman, ~~United States Deputy Surveyor~~, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Subdivision lines of T. 26 N., R. 13 E. of the G. & S. P. B. & M., Arizona. showing the respective capacities in which they acted:

- Van L. White Chairman.
- Oscar W. Fellers Chairman.
- Ralph C. Sampson Moundman.
- ~~Moundman~~
- George B. Seig Axman.
- Nelson Polacca Axman.
- William R. Carson Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Van L. White

U.S. Transitman, ~~United States Deputy Surveyor~~, in surveying all those parts or portions of the Subdivision lines of T. 26 N., R. 13 E.

..... of the Gila and Salt River Base Meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the corner monuments established, according to the instructions furnished by the ~~United States~~ Commissioner of the General Land Office

- J. G. White Chairman.
- Oscar W. Fellers Chairman.
- Ralph C. Sampson Moundman.
- ~~Moundman~~
- George B. Seig Axman.
- Nelson Polacca Axman.
- William R. Carson Flagman.

Subscribed and sworn to before me this 28th day of Oct., 1910

Van L. White
U. S. Transitman

