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(1)

Subdivisional
BOOK "ZU"

2625

BOOK 2625

FIELD NOTES

OF THE SURVEY AND RESURVEY
OF THE

Subdivision lines of Township
No 27 North, Range No 20 East

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

EXECUTED
AS ~~SURVEYED~~ BY

Van L. White, U.S. Transitman, ~~United States Deputy Surveyor,~~
Special Instructions from the Commissioner of the General Land Office.
Under ~~His Contract No.~~ , dated Feb 2nd 1907 and May 15th , 1908

and Resurvey
Survey commenced September 10th 11 , 1910

and Resurvey
Survey completed September 23rd , 1910

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(1A)

BOOK 2625

NAMES AND DUTIES OF ASSISTANTS.

T. Y. White	Chainman
Oscar W. Fetters	Chainman
Ralph C. Sampson	Woodsman
George B. Seig	Axman
William R. Carson	Flagman

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FEB 8- 1913

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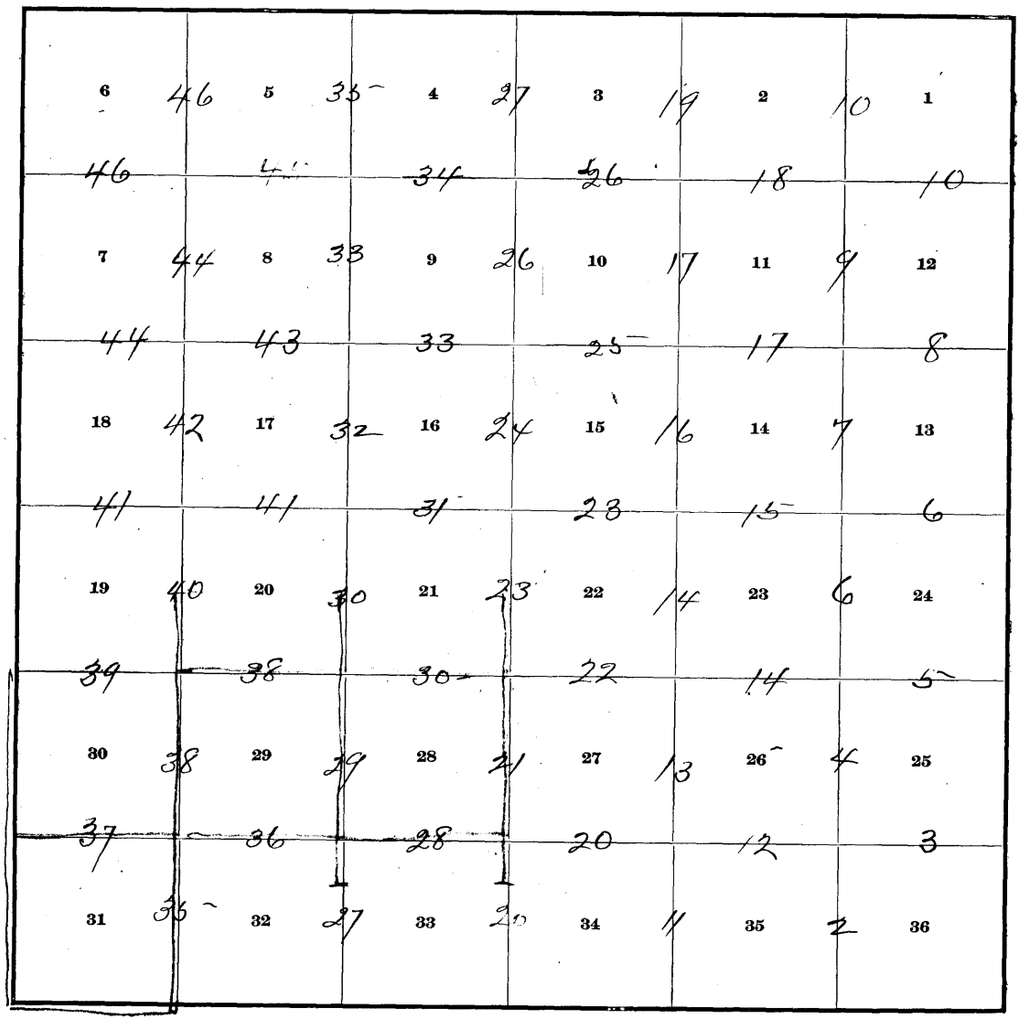
(113)

BOOK 2625

Book No. 2625

INDEX DIAGRAM.

Township 27 N., Range 20 E.



Meanders Page .....

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(C)

PRELIMINARY OATHS OF ASSISTANTS.

BOOK 2625

WE, T. Y. White and Oscar W. Fetters,

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 ~~and~~ resurvey of the Subdivision lines of Tp. 27 N. R. 20 E. G.&S.R.B.&M., Arizona

T. Y. White, Chainman.

Oscar W Fetters, Chainman.

Subscribed and sworn to before me this 9th day of September, 1910

Van L. White
U. S. Transitman

SEAL

~~I~~ Ralph C. Sampson ~~and~~

do solemnly swear that ~~I~~ will well and truly perform the duties of moundman in the establishment or reestablishment of corners, according to the instructions given ~~me~~ to the best of ~~my~~ skill and ability, in the survey ~~and~~ resurvey of the Subdivision lines of Tp. 27 N. R. 20 E. G.&S.R.B.&M., Arizona

Ralph C. Sampson, Moundman.

~~Moundman.~~

Subscribed and sworn to before me this 9th day of September, 1910

Van L. White
U. S. Transitman

SEAL

~~I~~ George B. Seig ~~and~~

do solemnly swear that ~~I~~ will well and truly perform the duties of axman in the establishment or reestablishment of corners and other duties, according to instructions given ~~me~~ to the best of ~~my~~ skill and ability, in the survey ~~and~~ resurvey of the Subdivision lines of Tp. 27 N. R. 20 E. G.&S.R.B.&M., Arizona.

George B Seig, Axman.

~~Axman.~~

Subscribed and sworn to before me this 9th day of September, 1910

Van L. White
U. S. Transitman

SEAL

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 and resurvey of the Subdivision lines of Tp. 27 N. R. 20 E. G.&S.R.B.&M., Arizona.

William R Carson, Flagman.

Subscribed and sworn to before me this 9th day of September, 1910

Van L. White
U. S. Transitman

SEAL

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Survy commenced Septem ber 10th 1910 and executed with a Gurley & Sons light mountain transit No. 10 with a Smith 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.

I examine 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 a.m. and p.m. hours with a meridian established by observations on Polaris I proceed as follows:

At my camp which is located near the cor. of sec. 15, 16, 21 and 22, Tp. 27 N. R 20 E. Latitude 35°43'37" N., Longitude 110°12½' W. At 8h 16m p.m. l.m.t. by my watch which is correct. local mean time 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.

September 10th 1910.

September 11th 1910 At. 7h 30m a.m. l.m.t. I lay off the azimuth of Polaris 1°26½' to the west. and mark the meridian thus determined by a tack driven in a stake set in the ground 5.00 chs N. of my instrument.

At. 7h 57m a.m. l.m.t. I set off 35°43½' N. on the lat. arc. 4°46' N. on the decl. arc and determine a meridian with the solar and mark a point there of by a tack driven in the stake already set 5.00 chs. N. of my instrument, on which the meridian falls. 0.4 links. East of the meridian established by the Polaris observation.

At noon I set off 4°41½' N. on the decl. arc. and observe the sun on the meridian the resulting latitude being 35°44' N.

At. 3h 54m p.m. l.m.t. I set off 35°44' N. on

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the lab. arc. 4°38½' N. ow 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 lks west of the meridian established by the Polaris observations

The solar apparatus by a.m. and p.m. observations defines positions for meridian respectively about 0'21" E and 0'10" W of the meridian established by the Polaris observation, therefore I conclude that the instrument is in satisfactory adjustment

September 11th 1910

September 12th 1910 @ 6h 57m a.m. l m.t. I set off 35°41' N. ow the lab. arc, 4°25' N ow the decl. arc and determine a meridian with the solar at the witness cor. to Cor. of secs. 1, 2, 35, and 36, on S. bdry. of Tp., recently established by Sidney E. Blout as described in Exterior Book "AY." From true point for cor. 0.10 E. of W.C. I run,

N. 0°01' W., teh. secs. 35 and 36,

A cmd Steep S.E. slope, over stony hilly land through scattering cedar and juniper pine timber and sage brush undergrowth

3.50 Nose of ridge bears N35°E, and S35°W. dec. steep N.W. slope.

13.00 Dry ravine 50 ft. below top of ridge Course S40°W arc.

24.50 Nose of sand ridge bears E. and W. dec. steeply.

27.20 Dry ravine Course S.E. arc. Steep S.W. slope.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked no brass Cap ¼ S 35 on W half and S 36 on E. half. from which.

A cedar 7 ins. in diam. bears S11°E 44 lks. dist. marked ¼ S 36 B.T. and

A cedar 12 ins. in diam. bears S51½°W. 118 lks. dist. marked ¼ S 35 B.T.

41.62 Nose of rocky ridge 40 ft. above ¼ sec. cor bears N35°E. and S35°W. dec.

46.30 Dry ravine Course West arc.

52.55 Nose of rocky ridge bears E and W. dec.

64.70 Dry ravine 60 ft. below top of ridge Course SW. arc.

70.00 Nps of high sand ridge bears E and W. dec.
72.66 Wood road bears S and W.
80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs 25, 26, 35 and 36. marked on brass Cap. T 27 N., S 26 in N.W., R 20 E. S 25 in N.E. S 36 in S.E. and S 35 in S.W. quarter sec. from which.
A pinion pine 6 ins. in diam bears N 31° E, 113 lks. dist. marked T 27 N., R 20 E, S 25 B.T.
A pinion pine 4 ins in diam. bears S 21° E 112 lks. dist, marked T 27 N. R 20 E. S 36 B.T.
A pinion pine 5 ins. in diam. bears S 3½° W 57 lks. dist. marked T 27 N. R 20 E. S 35 B.T. and
A Cedar 8 ins. in diam. bears N 27° W 74 lks dist. marked T 27 N. R 20 E S 26 B.T.
Land hilly.
Soil sandy and stony 3rd and 4th rate.
Timber pinion pine and cedar.

Each, on a random line, bet. secs. 25 and 36.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect the 5th Guide Meridian East, 10 lks. N. of the cor. of secs. 25, 30, 31 and 36, recently established by Sidney E. Blunt as described in Standard Book "M"; thence I run,
N. 89° 56' W., on a true line, bet. secs. 25 and 36.
Descend N.W. slope over stony hilly land through heavy cedar and pinion pine timber.
28.00 Dry ravine Course S.W. thence along ravine
29.65 The same ravine Course N.W. asc.
32.60 Nps of sand ridge bears N. and S. dec.
40.05 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 25 on N. half and 336 on S. half. from which.
A pinion pine 6 ins. in diam. bears N 89½° E 36 lks. dist, marked ¼ S 25 B.T. and
A pinion pine 8 ins. in diam. bears S 40¼° E 66 lks. dist. marked ¼ S 36 B.T.
42.85 Dry ravine Course N.W. thence along ravine
43.46 The same ravine Course S.W.
44.85 The same ravine Course N.W. asc.
49.00 Nps of sand ridge bears N. and S. dec.
52.68 Dry ravine Course North asc.

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59.26	Nose of sand ridge bears N. and S. dese.
77.35	Dry ravine 10 lks wide Course N.E. asc.
80.10	The Cor. of secs. 25, 26, 35 and 36; hereinbefore described. Land hilly. Soil sandy and stony 3rd and 4th rate. Timber pinion pine and cedar

NOTE: At this Cor. Deh. off 4° 18½' N, on the decl. arc and at noon observe the sun on the meridian and obtain a reading of 35° 42' N. on the lat. arc.

N. 0° 01' W, bet. secs. 25 and 26,
Descend N.E. slope over hilly sandy land through cedar and pinion pine timber, and sage brush undergrowth

16.40	Dry ravine 10 lks. wide Course N 10° E. asc.
19.00	Nose of rocky ridge bears E and W. Extends 100 lks. E. of line desc.
23.42	Dry ravine 20 lks wide 40 ft. below top of ridge Course N 80° W. asc.
35.00	Nose of sand ridge bears E and W. desc.
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 26 on W. half and S 25 on E. half, from which. A pinion pine 4 ins. in diam. bears N 42½° W 34 lks. dist. marked ¼ S 26 B.T. and A pinion pine 5 ins. in diam bears S 81½° E 3 lks. dist. marked ¼ S 26 B.T.
42.30	Dry ravine 20 lks. wide 20 ft. below ¼ sec. cor. Course Westerly. asc.
44.00	Nose of sand ridge bears E and W. desc.
67.15	Dry ravine 10 lks. wide Course West. asc.
69.70	Wood road bears N 60° W and S 60° E.
70.00	Nose of sand ridge bears E and W. desc.
80.00	Set an iron post 3 ft. long, 2 ins in diam. 24 ins. in the ground for Cor. of secs. 23, 24, 25 and 26, marked on brass Cap T 27 N. S 23 in N.W., R 20 E. S 24 in N.E. S 25 in S.E. and S 26 in S.W. Quadrant. from which. A pinion pine 10 ins. in diam. bears N 23¾° E 324 lks. dist. marked, T 27 N. R 20 E. S 24 B.T. A pinion pine 8 ins. in diam. bears S 23° E 305 lks. dist. marked T 27 N., R 20 E. S 26 B.T.

Chain

A pinion pine 6 ins. in diam. bears S 55° W 144 lks. dist. marked T 27 N., R 20 E. S 26 B.T. and
A cedar 6 ins. in diam. bears N 88¼° W 170 lks. dist. marked T 27 N. R 20 E, S 23 B.T.
Land hilly.
Soil sandy and stony 3rd and 4th rate.
Timber pinion pine and cedar.

S 89° 56' E, on a random line, between secs. 24 and 25;

40.00 Set temp ¼ sec. cor.

80.10 Intersect the 5th Guide Meridian East, 3 lks. S. of the cor. of secs. 19, 24, 25 and 30, recently established by Sig. E. Blunt as described in Standard Book "M", thence I run,

N. 89° 57' W, on a true line, between secs. 24 and 25;

Descend gradually N.W. slope over hilly stony land through cedar and pinion pine timber

17.80 East side of box canyon 40 ft. deep bears N.E. and S.W. desc. abruptly.

18.90 Bottom of canyon course North asc.

20.00 West side of canyon on sand stone wall 40 ft. high. bears N.W. and S.E. thence over rolling sandy mesa land.

29.56 Wood road bears N.W. and S.E.

35.00 The same road bears N.E. and S.W.

35.70 East edge of box Canyon 75 ft. deep. bears N.E. and S.W. descend abruptly into Canyon.

37.20 Bottom of Canyon Course N.W. asc. abruptly.

38.80 West side of Canyon on sand stone wall 75 ft. high bears N.W. and S.E., ascend gradually over N.E. slope.

40.05 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 24 on N. half and S 25 on S. half, from which.
A cedar 12 ins. in diam bears N 21¼° E 63 lks. dist. marked ¼ S 24 B.T. and
A pinion pine 10 ins. in diam bears S 2½° E 110 lks. dist. marked ¼ S 25 B.T.

42.00 The same Wood road bears N.W. and S.E.

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

80.10 The cor. of secs. 23, 24, 25 and 26, hereinbefore described.
Land hilly.
Soil sandy and stony 3rd and 4th rate.

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Timber Cedar and pinion pine.

September 12th 1910.

September 17th 1910 Ah. 6h 55m a.m. l.m.t. I set off.
35° 43' N. on the lat. arc. 2° 30' N. on the decl. arc and determine a meridian with the solar at the Cor. of secs. 23. 24. 25. and 26 hereinbefore ~~described~~ named Drum,
N. 0° 01 W., beh. secs 23 and 24,
Descend N. slope over hilly sandy & sandy land, through heavy pinion pine and Cedar timber
20.00 North edge of Mesa bears N.E. and S.W. descend steeply.
35.35 Dry rocky ravine course N 40° E. asc. steep S.E. slope
40.00 Set an iron post 3 ft. long 1 in. in diam 26 ins. in the ground for 1/4 sec. cor. marked on brass Cap 1/4 S 23 on W. half and S 24 on E half. from which. A pinion pine 4 ins. in diam bears N 26½° W 50 lks dist. marked 1/4 S. 23 B.T. and
A pinion pine 5 ins. in diam. bears S 6¾° E 39 lks. dist. marked 1/4 S 24 B.T.
43.00 Leave timber bears N.E. and S.W.
46.00 Top of ridge bears N 15° E and S 15° W. dec.
46.82 Old road from Indian Trading post. to Holbrook Arizona bears N.E. and S.W.
54.05 The same road bears N.W. and S.E.
70.50 Road to Spring bears E and W.
80.00 Set an iron post 3 ft. long 2 ins in diam. 24 ins. in the ground for Cor. of secs. 13, 14. 23 and 24 marked on brass Cap T 27 N. S 14 in N.W., R 20 E S 13 in N.E. S 24 in S.E. and S 23 in S.W. quadrants. 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 hilly.
Soil sandy 3rd rate.
Timber pinion pine and Cedar.

S. 89° 57' E, on a random line, beh. secs. 13 and 24
40.00 Set temp 1/4 sec. cor.
80.14 Intersect the 5th Guide Meridian East. 5 lks N. of the

Cor. of secs. 13, 18, 19, and 24, recently estab. by Sidney E. Blout as described in Standard Book "M," thence I run,
N. 89° 55' W., on a true line, bet. secs. 13 and 24.
Descend N.W. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.

27.30 Wood road bears N.W. and S.E.

40.07 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 3½ ft. base, 1½ ft. high N. of cor.

41.30 Dry ravine 20 lks. wide 3 ft. deep course N 60° W.

61.30 Dry ravine 50 lks wide 5 ft. deep course N.W.

68.25 Dry ravine 30 lks wide 5 ft. deep course North.

76.20 Dry ravine 20 lks wide 4 ft. deep course N 50° W.
Descend gradually.

80.14 The Cor. of secs. 13, 14, 23 and 24, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
No timber

N. 0° 01' W., bet. secs. 13 and 14,
Descend N. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.

10.87 Road to Old Indian trading post bears N 80° E and S 80° W.

27.95 Road to Old Indian trading post bears E and W.

37.80 Left bank of Jetteto Wash 10 ft. high bears N 80° E and S 80° W.

39.00 Right bank of Jetteto Wash 8 ft high bears N 80° E and S 80° W. exclud gentle S.E. slopes.

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 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. dist 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 secs. 11, 12, 13 and 14, marked

Survey & Resurvey of Subdivisional lines of Ps 27 N, R 20 E.

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ow brass Cor T 27 N. S 11 in N.W., R 20 E S 12 in N.E.
S 13 in S.E. and S 14 in S.W. quadrants.
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 sandy 3rd rate.
No timber

S. 89° 55' E., on a random line, brh. secs. 12 and 13.

40.00 Set temp. ¼ sec. cor.

80.06 Intersect the 5th Guide Meridian East, 3 lks. S. of the cor. of secs. 7, 12, 13 and 18, recently estab. by Sidney E. Blount as described in Standard Book "M" thence I run.

N. 89° 56' W., on a true line, brh. secs. 12 and 13,
Descend N.W. slope over rolling sandy land through sage and greasewood brush, undergrowth and bunch grass

5.25 Road to Indian trading post bears N.E. and S.W.

22.00 Left bank of the Jetteto Wash 8 ft. high bears N.E. and S.W.,

23.00 Right bank of the Jetteto Wash bears N.E. and S.W.
Ascend gradually over S.E. slope over hilly, sandy land.

33.00 Nob of sand ridge bears N and S. desc. steeply

36.00 Dry sand wash 80 lks. wide Course South asc.

40.03 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 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. dist. and raise a mound of earth 3½ ft. base 1½ ft. high. N. of Cor.

NOTE: At this cor Declination 2° 23½' E. on the decl. arc and at noon, observe the sun on the meridian and obtain a reading of 35° 44½' N. on the lat. arc.

47.00 Nob of sand ridge bears N and S. desc.

50.48 Road to Kearns Canyon Arizona bears N and S.

53.78 Dry ravine Course South., bears hilly land bears W and S., ascend S.E. slope over rolling land.

80.06	The cor. of secs. 11, 12, 13 and 14, hereinbefore described. Land rolling and hilly. Soil sandy 3rd rate. No timber
	N. 0° 01' W., bet. secs 11 and 12, Ascend gradually S.E. slope over rolling sandy land. through scattering sage and greasewood brush undergrowth and bunch grass
19.45	Road to St Johns Canyon Arizona bears N 30 E. and S 30° W., Enter scattering cedar and pinion pine timber bears N.E. and S.W.
40.00	Set an iron post 3 ft. long 1 in. in diam. 26 ins in the ground for 1/4 sec. cor. marked on brass Cap. 1/4 S 11 on W. half and S 12 on E. half. from which A cedar 8 ins. in diam. bears N 62 1/4° E 97 lks. dist marked 1/4 S 12 B.T. and A cedar 7 ins in diam. bears S 58° W 77 lks. dist. marked 1/4 S 11 B.T.
43.00	Top of sand ridge bears N 45° E. and S 45° W. Desc. N. slope over hilly land bears N.E. and S.W.
47.25	Dry ravine 15 lks. wide 25 ft. below top of ridge Course S 45° W. ase.
68.00	Top of sand ridge bears N 20° E and S 20° W. desc
70.60	Dry rocky ravine Course S 40° W ase, steep rocky. South slope of Mesa
78.40	Top of ridge bears E and W, Extends 20 lks. E. of line. descend over sand stone ledge 8 ft. high
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins in the ground for cor. to secs. 1, 2, 11 and 12. marked on brass Cap. T 27 N. S 2 in N.W. R 20 E S 1 in N.E., S 12 in S.E. and S 11 in S.W. quadrant from which. A cedar 6 ins. in diam bears N 63° E 43 lks. dist marked T 27 N. R 20 E. S 1 B.T. No other trees suitable for bearing trees within limits A sand stone cliff marked with a Cross (+) B.C. S 2. bears N. 56° W. 9 lks. dist. Raise a mound of stone 2 ft. base 1 1/2 ft. high. W. of cor Pits impracticable. Land rolling, hilly, and broken.

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

S. 89° 36' E, on a random line, Beh. secs. 1 and 12.
40.00 Beh temp. 1/4 sec. cor.
80.12 Intersect the 5th Guide Meridian East, 8 lks. S. of the cor. of secs. 1, 6, 7, and 12, recently established by Sidney E. Blunt as described in Standard Book "M," thence I run;
N. 89° 54' W, on a true line, Beh. secs. 1 and 12,
Descend W. slope over hilly sandy and stony land through scattering cedar and Juniper pine timber and brush.
2.58 Dry ravine 50 lks. wide 4 ft. deep. Course S.E. asc.
6.35 Road to Indian Reading Pork. bears N 80° E and S 80° W.
25.00 Pass of sand ridge bears N.E. and S.W. desc.
34.00 Dry ravine 20 lks. wide Course S.W. asc.
40.06 Beh an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on bears Cop. 1/4 S on N. half and S now S. half. from which.
A cedar 8 ins. in diam. bears N 37 1/2° E 210 lks. dist. marked 1/4 S1 B.T. and
A cedar 6 ins. in diam. bears S 19 1/4° W 247 lks. dist. marked 1/4 S 12 B.T.
46.00 Old wood road. bears N.W. and S.E.
48.05 Dry ravine 25 lks. wide Course South asc. steep rocky E. slope
54.53 Road to Kearns Canyon Arizona bears N and S.
59.00 Pass of. steep ascent on each edge of Mesa bears N 30° E and S 30° W. Descend abruptly over S.W. slope
65.00 Dry rocky ravine Course South. desc.
80.12 The Cor. of secs. 1, 2, 11, and 12, hereinbefore described.
Land hilly.
Soil sandy, and stony 3rd and 4th rate.
Timber Juniper pine and cedar.

N. 0° 01' W, on a random line Beh. secs. 1 and 2,
40.00 Beh temp. 1/4 sec. cor.
79.98 Intersect N. bdry. of Twp, 5 lks. W. of the cor. of secs. 1, 2, 35 and 36, recently established by me as described in Exterior Book "AK," thence I run,
S. 0° 01' W, on a true line, Beh. secs. 1 and 2.
Descend S. slope over rolling sandy Mesa land, through

Chains

scattering sage and greasewood bush under-growth and bunch grass.

8.00 Enter scattering cedar timber bears E. and W.

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 2 on W. half, and S 1 on E. half, from which
A cedar 12 ins in diam. bears N 45½ W. 14 lks. dist. marked 1/4 S 2 B.T. and
A cedar 4 ins. in diam bears N 52° E. 59 lks. dist. marked 1/4 S 1 B.T.

72.65 Road to Keams Canyon bears N 70° W. and S 70° E.

79.15 Begin abrupt descent over South edge of Mesa.

79.98 The cor. of secs. 1, 2, 11, and 12, hereinbefore described.
Land rolling and broken.
Soil sandy and stony 3rd and 4th rate.
Timber cedar

September 17th 1910.

September 13th 1910 At 7h 26m a.m. l.m.t. I set off 35° 41' N. on the lat. arc 4° 01' N. on the decl. arc. and determine a meridian with the solar at the cor. of secs. 2, 3, 34 and 35 on S. bdry. of Tp., recently established by Sidney E. Blout, as described in Exterior Book "AY," thence I run,
N. 0° 01' W., bet. secs. 34 and 35,
Ascend S. slope of sand ridge over rolling sandy land, through scattering cedar timber and sage brush undergrowth

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

19.10 Dry ravine 18 lks. wide course S 45° W. asc. S.E. slope

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins in the ground for 1/4 sec. cor. marked on brass cap 1/4 S. 34 on W. half and S 35 on E. half, from which
A pinion pine 8 ins. in diam. bears N 85½° W 309 lks dist, marked 1/4 S 34 B.T. and
A pinion pine 4 ins. in diam. bears S 57½° E 245 lks. dist. marked 1/4 S 35 B.T.

51.63 Wood road bears E and W.

72.00 Top of divide bears E and W. desc.

77.00 North edge of Mesa bears N.E. and S.W., Leave rolling land bears N.E. and S.W., Descend abrupt N.W. slope over broken hilly land.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins.

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in the ground for cor. of secs. 26. 27. 34 and 35.
marked on brass Cap. T 27 N S, 27 in N.W., R 20 E S 26
in N.E., S 35 in S.E. and S 34 in S.W. quadrant.
from which.
A cedar 7 ins. in diam. bears N 24½° E 103 lks. dist.
marked T 27 N, R 20 E, S 26 B.T.
A cedar 8 ins. in diam. bears S 69½° E 134 lks. dist,
marked T 27 N R 20 E. S 35 BT.
A cedar 9 ins. in diam bears S 50° W. 80 lks. dist.
marked T 27 N. R 20 E S 34 B.T. and
A cedar 12 ins. in diam bears N 74° W 78 lks. dist.
marked T 27 N, R 20 E, S 27 B.T.
Land rolling hilly and broken
Soil sandy and stony 3rd and 4th rate.
Timber Cedar and pinion pine

Each, on a random line, bet. secs. 26 and 35,

40.00 Set temp. ¼ sec. cor.
80.02 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
25. 26 35 and 36, hereinbefore described, thence I run,
N. 89° 58' W, on a true line, bet. secs. 26 and 35.
Over hilly sandy land. through scattering sage and
greasewood brush underkgrowth and cedar timber
6.80 Dry ravine 35 ft. below. Cot. course N 20° E. asc. E. slope
10.00 Top of a sand ridge bears N 20° E, and S 20° W. desc.
15.48 Wood road bears N 60° W, and S 60° E.
40.01 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 26 on N. half. and S 35 on S. half., from which.
A cedar 6 ins. in diam. bears N 58° E 282 lks. dist.
marked ¼ S 26 B.T. and
A pinion pine 4 ins. in diam bears S 10° E 104 lks. dist.
marked ¼ S 35 B.T.
44.22 Road to Indian Trading Post. from Holbrook Arizona
bears N and S.
44.58 Road to Holbrook Arizona bears N 10° W. and S 10° E
joins the first road. 1.00 ch S of line.
76.40 West edge of Mesa bears N 75° E. and S 75° W
descends abruptly over N.W. slope.
80.02 The cor. of sec. 26, 27, 34 and 35, hereinbefore described.
Land hilly and broken.

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

N. 0° 01' W., bet. secs. 26 and 27,
Ascend steep rocky N.W. slope over hilly land through scattering cedar and juniper pine trees
6.70 Dry ravine Course West. asc.
10.20 Top of sand ridge bears E. and W. desc.
14.30 Dry ravine 15 lks. wide course West. asc. steep S. slope.
26.00 Top of rocky ridge bears E. and W. desc.
31.54 Road bears E. and W.
37.90 Dry ravine course N.W. asc.
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, from which. A cedar 10 ins. in diam. bears N 36 1/4° E 89 lks. dist. marked 1/4 S 26 B.T. and
A cedar 8 ins. in diam bears S 65 1/2° W, 34 lks. dist. marked 1/4 S 27 B.T.
40.30 Top of rocky ridge bears E. and W. desc.
43.00 Road bears E. and W.
50.50 Dry ravine 40 lks. wide 5 ft. deep course West. asc.
55.00 Top of rocky ridge bears E. and W. desc.
68.32 Dry ravine 30 lks. wide course West. asc.
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. 1/4 27 N. S 22 in N.W. R 20 E. S 23 in N.E. S 26 in S.E. and S 27 in S.W. quadrant. Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of Cor. Pits impracticable
Land hilly.
Soil sandy and stony 3rd and 4th rate.
Timber Cedar

NOTE:— At this Cor. Dec. 3° 56' N. on the declination and at noon, observed the sun on the meridian and obtained on the Lat. arc a reading of 35° 42 1/2' N. on the Lat. arc.

Survey & Resurvey of Subdivisional lines of Tp. 27 N., R 20 E.

Chains

BOOK 2625

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

40.00 Set temp. ¼ sec. cor.

79.90 Intersect N and S. line, 10 lks. N. of the cor. of secs. 23, 24, 25 and 26; hereinbefore described, thence I run,

N. 89° 54' W., on a true line, bet. secs. 23 and 26, Descend N. W. slope over rolling sandy land through scattering cedar and junior pine timber and sage brush undergrowth.

11.00 Wood road bears N 35° W. and S 35° E.

23.12 Road to Dud'an Trading Post bears N and S.

39.95 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 23 on N. half. and S 26 on S. half. from which. A pinion pine 6 ins. in diam. bears North 16 lks. dist. marked ¼ S 23 B.T. and.

A pinion pine 12 ins. in diam. bears S 37° W 129 lks. dist. marked ¼ S 26 B.T.

48.55 West edge of Mesa on sand stone bluff 60 ft. high. Level rolling land bears N 15° W. and S 15° E. Descend abrupt rocky S.W. slope of Mesa over stony hilly land.

52.00 Foot of abrupt. descent in ravine course S.W. Level stony land bears N.W. and S.E. Enter sandy land. Ascend S.E. slope of sand ridge.

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

73.10 Dry ravine course S.W. asc.

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

79.90 The cor. of secs. 22, 23, 26 and 27, hereinbefore described.

Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate

Timber Cedar and junior pine.

N. 0° 01' W., bet. secs. 22 and 23,

ascend S.W. slope of ridge over hilly sandy and clayey land through scattering sage brush. undergrowth.

3.00 Top of ridge 30 ft. above cor. bears N 80° W and S 80° E. desc.

26.67 Dry ravine 75 lks. wide course N 70° W. asc.

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

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 22 on W. half and S 23 on E half.
Dig pits 18 x 18 x 12 ins N and S. of. post. 3 ft. dist and raise a mound of earth 3½ ft. base 1½ ft. high. W. of cor.

42.50 Dry sand wash. 25 lks. wide, 15 ft. deep course N 60° W dec.

43.40 Nob of ridge bears E and W. dec.

44.05 Dry ravine 100 lks. wide course West

49.50 Dry ravine 75 lks wide 3 ft. deep course West.

59.57 Dry ravine 50 lks. wide 5 ft. deep course N.W.

67.32 Road to Indian Trading Post. bears N 45° E and S 45° W.

80.00 Set an iron post. 3 ft. long ½ ins. in diam. 24 ins. in the ground for cor. of secs. 14, 15, 22, and 23 marked on brass cap T 27 N. S 15 in N.W., R 20 E. S 14 in N.E. S 23 in S.E. and S 22 in S.W. quadrant Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 2 ft. base 2 ft. high. W. of cor.
Land hilly.
Soil sandy and stony 3rd and 4th rate.
No timber

September 13th 1910.

September 19th 1910 At. 6h 54m a.m. l.m.l. Sun. off. 35° 43½' N. on the lat. arc. 1° 44' N. on the decl. arc. and determine a meridian with the solar at the cor. of secs. 14, 15, 22 and 23, above described thence I run,
S 89° 54' E, on a random line, bet. secs. 14 and 23,

40.00 Set temp. ¼ sec. cor.

79.94 Intersect. N and S. line, 3 lks. S. of the cor. of secs. 13, 14, 23, and 24, hereinbefore described, thence I run,
N. 89° 56' W, on a true line, bet. secs. 14 and 23.
Descend N.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth

3.10 Road to Indian Trading Post bears N 10° E and S 10° W

5.62 Road to Spring bears N 20° W. and S 20° E.

6.00 Road to Spring bears N 13° W. and S 13° E.

21.00 Enter road bears N.E. and W.

23.86 Leave road bears East and S.W.

39.97 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 14 on N. half and S 23 on S. half.

Survey & Resurvey of Subdivisional lines of Tp. 27 N., R 20 E.

Chaine

BOOK 2625

Dig pits 18 X 18 X 12 ins. E and W. of post. 3 lks. dist. and raise a mound of earth 3½ lks. base 1½ lks. high. N. of cor.

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

79.94 The cor. of secs. 14, 15, 22, and 23, hereinbefore described.

Land rolling.

Soil sandy 3rd rate

No timber

N. 0° 01' W., bet. secs. 14 and 15,

Descend gradually over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.

2.12 Left bank of the Jetteto Wash bears N.E. and S.W.

3.65 Right bank of the Jetteto Wash bears N.E. and S.W.

Ascend gradually over S.E. slope.

33.00 Nose of sand ridge bears E. and W. desc. gently

38.10 Dry ravine 10 lks. wide Course S 35° E asc.

40.00 Set an iron post 3 lks. long 1 in. in diam. 26 ins. in the ground for ¼ sec. cor. marked on brass cap. ¼ 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 lks. dist. and raise a mound of earth 3½ lks. base 1½ lks. high. W. of cor.

48.50 Enter scattering cedar timber bears N 20° E and S 20° W.

49.00 Nose of sand ridge bears N.E. and S.W. desc

56.93 Dry ravine 10 lks. wide Course S.W. asc.

72.66 Road bears N 8° W. and S 8° E. leads to Kanab Canyon Arizona.

80.00 Set an iron post 3 lks. long 2 ins. in diam 24 ins. in the ground for Cor of secs, 10. 11. 14, and 15 - marked on brass Cap. T 27 N. S 10 in N.W., R 20 E S 11 in N.E., S 14 in S.E. and S 15 in S.W. quadrant. from which.

A cedar 10 ins. in diam. bears N 14° E 253 lks. dist marked T 27 N, R 20 E, S 11 B.T.

A cedar 10 ins. in diam. bears S 10½° E 230 lks. dist marked T 27 N. R 20 E. S 14 B.T.

A cedar 12 ins. in diam. bears S 49½° W. 348 lks. dist marked T 27 N. R 20 E. S 15 B.T.

A cedar 7 ins. in diam. bears N 19° W 134 lks. dist
marked T 27 N. R 20 E. S 10 B.T.
Land hilly and rolling.
Soil sandy 3rd rated
Timber Cedar.

S. 89° 55' E, on a random line, to ch. sec. 11 and 14,

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 11. 12. 13. and 14, hereinbefore described, thence I run,

N. 89° 56' W, on a true line, to ch. sec. 11 and 14.

Ascend gradually over S.E. slope, through scattering sage and greasewood brush undergrowth and bunch grass

3.65 Road to Keam's Canyon Arizona bears N.E. and S.W.

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

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

27.00 Dry Sand wash. 100 lks wide Course South.

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 11 on N. half and S 14 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.

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

47.82 Dry ravine Course South.

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

71.75 Dry ravine Course South asc.

75.00 Enter scattering cedar timber bears N.E. and S.W.

79.96 The Cor. of secs. 10, 11, 14 and 15, hereinbefore described.

Land hilly
Soil sandy 3rd rate
Timber Cedar

N. 0° 01' W, to ch. secs. 10 and 11,

Ascend South slope over hilly sandy land through scattering sage and greasewood brush undergrowth and Cedar timber

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

18.90 Dry ravine 10 lks. wide Course S.E. ascend steep

Survey & Resurvey of Subdivisional lines of Twp 27 N., R 20 E.
Chains

BOOK 2625

S. slope of Mesa

34.50 Top of steep ascent on S. edge of Mesa bears N45°E. and S45°W., Leave hilly land bears N45°E and S45°W., Enter rolling sandy mesa land., asc. gradually.

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 S10 on W. half and S11 on E. half., from which. A cedar 10 ins. in diam. bears N5½°E 96 lks. dist. marked 1/4 S11 B.T. and
A cedar 14 ins. in diam. bears S32°W 128 lks. dist. marked 1/4 S10 B.T.

NOTE: At this cor I set off 1° 37' N. on the declination arc and at noon observed the sun on the meridian and obtain a reading of 35° 45' N. on the lat. arc.

78.86 Road to Kearns Canyon Arizona bears N40°E and S40°W.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of Sects. 2, 3, 10, and 11. marked on brass Cap T 27 N. S 3 in N.W., R 20 E S 2 in N.E. S 11 in S.E. and S 10 in S.W. quadrants. from which.
A cedar 4 ins. in diam. bears N40°E 263 lks. dist. marked T 27 N. R 20 E S 2 B.T.
A cedar 5 ins. in diam. bears S36¾°E 228 lks. dist. marked T 27 N. R 20 E, S 11 B.T.
A cedar 14 ins. in diam. bears S52¼°W 198 lks. dist. marked T 27 N. R 20 E, S 10 B.T. and
A cedar 12 ins. in diam. bears N48½°W 132 lks. dist. marked T 27 N. R 20 E. S 3 B.T.
Land rolling and hilly.
Soil sandy and stony 3rd and 4th rate.
Timber Cedar.

S.89°56' E., on a random line, between Sects. 2 and 11

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect N and S. line, 3 lks. E. of the cor. of Sects 1, 2, 11 and 12, hereinbefore described, thence I run N.89°57' W. on a true line, set 2 and 10.
Ascend E. slope over said Stone ledge 10 ft. high.

2.00 Top of steep ascent. ascend gradually over

Survey & Resurvey of Subdivisional lines of Nps 27 N., R 20 E.

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	rolling & sandy mesa land.
30.00	Nps of sand ridge bears N.E. and S.W., Enter scattering cedar timber bears N.E. and S.W. dec.
39.96	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass Cap. 1/4 S 2 on W. half and S 11 on S half, from which. A cedar 8 ins. in diam: bears N 49° E 166 lks. dist marked 1/4 S 2 B.T. and. A cedar 14 ins. in diam bears S 9 1/4° W 129 lks. dist. marked 1/4 S 11 B.T.
46.15	Each. edge of Canyon 75 ft. deep. bears N. and S. dec abruptly over stony land.
53.00	Bottom of Canyon bears N. and S. acc
63.40	Nps of steep ascent on each edge of Canyon bears N 50° E and S 50° W. acc. gradually.
68.00	A point 26 lks. S. of Indian Hogan
78.22	Road to Keams Canyon bears N 40° E and S 40° W.
79.92	The Cor. of secs. 2. 3. 10. and 11, hereinbefore described. Land rolling and broken Soil sandy and stony 3rd and 4th rate. Timber Cedar.

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

40.00	Set temp 1/4 sec. cor.
79.96	Intersect N. bdry. of Nps, 14 lks. E of the Cor. of secs. 2, 3, 34, and 35; recently estab. by me as described in Exterior Book "AK", thence I run, S. 0° 07' E, on a true line, bet. secs. 2 and 3. Descend S.E. slope over rolling sandy mesa land through scattering cedar timber and sage brush undergrowth
39.96	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. Cor. marked on brass Cap. 1/4 S 3 on W. half and S 2 on E. half, from which. A cedar 9 ins. in diam. bears S 48 1/2° E. 158 lks. dist. marked. 1/4 S 2 B.T. and A cedar 7 ins. in diam bears S 64 1/2° W 237 lks. dist. marked 1/4 S 3 B.T.
79.96	The Cor. of secs. 2, 3, 10 and 11, hereinbefore described. Land Rolling Soil sandy 3rd rate. Timber Cedar

September 19th 1912

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Survey & Resurvey of Subdivisional lines of Twp. 27 N., R 20 E.

Chains

BOOK 2625

September 14th 1910 At. 7h 56m a.m. l.m.l. Deh. off. 35° 41' N. on the lat. arc., 3° 37' N. on the decl. arc. and determine a meridian with the solar at the cor. of secs. 3, 4, 33, and 34 on S. bdry. of Twp., recently estab. by Sidney E. Blout as described in Exterior Book "AY," thence I run,

N. 0° 02' W., Deh. secs. 33, and 34, surveying to 60.00 thence resurveying

Ascend S. slope over rolling sandy land through scattering cedar timber

13.40 Leave rolling land bears N.E. and S.W. Enter stony hilly land. Ascend abruptly over sand stone ledge 20 ft. high.

15.00 Top of ledge bears E and W., thence ascend gradually over stony mesa land.

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

40.00 Deh an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. cor. marked on brass cap. 1/4 S 33 on W. half and S 34 on E. half, from which a cedar 10 ins. in diam. bears N 37¾° W 196 lks. dist. marked 1/4 S 33 B.T. and

A cedar 8 ins. in diam. bears S 42½° E. 33 lks. dist. marked 1/4 S 34 B.T.

49.95 Top of bluff 25 ft. high along North edge of Mesa. Bears N 20° W. and S 16° E, Leave rolling mesa land bears N.W. and S.E., Enter stony hilly land

Descend abruptly over N. E. slope. Leave timber bears N.W. and S.E.

60.00 No trace of old 1/16 sec. cor. can be found. Thence resurveying.

64.00 Leave stony land bears N.W. and S.E. enter rolling sandy land.

80.00 Deh an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for 1/4 Cor. of secs. 27, 28, 33 and 34 re-established marked on brass Cap. T 27 N. S 28 in N.W., R 20 E. S 27 in N.E. S 34 in S.E. and S. 33 in S.W. quadrant. 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. No trace of old sec. cor. can be found.

Land rolling and hilly.

Soil sandy and stony 3rd and 4th rate

Timber Cedar

East, on a random line, Deh. secs 27 and 34

40.00 Deh. temp. 1/4 sec. cor.

80.04 Intersect N. and S. line, 5 lks. N. of the cor. of secs.

26, 27, 34 and 35, hereinbefore described, thence I run,
N. 89° 58' W., on a true line, bet. secs. 27 and 34
Descend W. slope over hilly sandy land through
scattering cedar timber

7.70 Dry ravine course north asc.

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

19.15 Dry ravine 20 lks. wide course North ascend steep
rocky N.E. slope of mesa

27.25 Top of steep ascent, asc gradually over rolling
mesa land.

39.65 Old road bears N. and S.

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 S 27 on N. half and S 34 on S. half., from which
A cedar 12 ins. in diam. bears N 75 1/4° E 79 lks. dist.
marked 1/4 S 27 B.T. and
A juniper tree 8 ins. in diam. bears S 35 1/2° E 242 lks.
dist. marked 1/4 S 34 B.T.

42.00 Top of divide bears N 75° W and S 75° E. desc. gradually
each S.W. slope.

49.10 Wash edge of Mesa or bluff 30 ft. high. bears N 75° W
and S 75° E, desc. abrupt rocky S.W. slope of mesa

58.00 Foot of abrupt rocky descent desc. gradually
Level timber bears N.W. and S.E.

74.00 Dry ravine course North asc.

76.00 Top of sand ridge bears N and S desc.

80.04 The re-established Cor. of secs. 27, 28, 33, and 34, hereinbefore described.
Land rolling and hilly.
Soil sandy and stony 3rd and 4th rate.
Timber Cedar and juniper trees.

N. 0° 02' W., bet. secs. 27 and 28, resurveying,
Descend N. slope over rolling sandy land through
sage and greasewood brush undergrowth and
bunch grass.

20.00 No trace of old 1/16 sec. cor. can be found.

25.80 Road bears N 30° W. and S 30° E.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins.
in the ground for re-established 1/4 Sec. cor. marked on brass cap.
1/4 S 28 on W. half and S 27 on E. half.
Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist.
and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high

Survey & Resurvey of Subdivisional lines of Twp 27 N., R 20 E.

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W. of Cor. No trace of old 1/4 sec. cor. can be found.

49.18 Road bears N 50° W. and S 50° E.

60.00 No trace of old 1/16 sec. cor. can be found.

67.80 Dry ravine 30 lks. wide 6 ft. deep course N.W.

79.95 Road from Indian Trading Post to Holbrook Arizona bears N 65° E and S 65° W.

80.00 Set an iron post 3 ft. long, 2 ins. in diam 24 ins. in the ground for 1/16 (re-established) Cor. of secs. 21. 22. 27. and 28. marked on brass Cap. T 27 N. S 21 in N.W., R 20 E S 22 in N.E. S 27 in S.E. and S 28 in S.W. quadrant. 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. No trace of old sec. cor. can be found. From this Corner Jetto. Spring bears N 37° 16' W. a house bears N 36° 55' W.

NOTE: At this cor. I set off 3° 33' N. on the decl. arc and at noon observe the sun on the mer. diam and obtain a reading of 35° 43' N. on the lat. arc.

Land rolling.
Soil Sandy 3rd rate
No timber

S. 89° 58' E, on a random line, bet. secs. 22 and 27,

40.00 Set temp ¼ sec. cor.

80.00 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26, and 27, hereinbefore described. thence I run, N. 89° 56' W, on a true line, bet. secs. 22 and 27, Descend S.W. slope, over rolling sandy land.

15.90 Dry ravine 45 lks. wide 8 ft. deep Course N 40° W. ascend gently.

22.00 Pass N and S sand ridge bears N.W. and S.E. desc.

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 22 on N. half and S 27 on S. half Dig pits 18 X 18 X 12 ins. E. and W. of post. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

70.25 Road to Keams Canyon Arizona bears N 75° W and S 75° E.

79.90 Road to Indian Trading Post from Holbrook Arizona bears N 65° E. and S 65° W.

80.00 The (re-established) Cor of secs, 21. 22. 27. and 28, hereinbefore described. Land rolling

Soil sandy 3rd rate.
No timber

N. 0° 02' W., bet. secs. 21 and 22, resurveying to 40.00 thence surveying.
Descend N.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth and bunch grass.

3.28 Road to Jette's Spring bears N.W. and S.E.

14.85 Left bank of the Jette's Wash. 10 ft high. bears E and W., Lake undergrowth and bunch grass, Enter cultivated land.

16.00 Right bank of the Jette's Wash bears E and W.

20.00 No trace of old 1/16 sec. cor. can be found.

21.00 Leave cultivated land bears E and W., Enter undergrowth. Ascend gradual S. slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for re-established 1/4 sec. Cor. marked on brass Cap 1/4 S 21 on W half and S 22 on E half.
Dig pit 18 x 18 x 12 ins. N. and S. of post 8 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. W. of cor. No trace of old 1/4 sec. cor. Thence surveying N. ½ mile.

53.00 Dry ravine 16 lks. wide 4 ft. deep Course S 10° E.

59.00 Top of sand ridge bears N.E. and S.W. dist.

63.40 Dry ravine Course S.W. dist.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22. marked on brass Cap T 27 N. S 16 in N.W. R 20 E. S 15 in N.E. S 22 in S.E. and S 21 in S.W. quadrants.
Raise a mound of stone 2 ft. base, 1½ ft. high. W. of cor.
Pits impracticable
Land rolling
Soil sandy 3rd rate.
No timber

S 89° 56' E, on a random line, bet. secs. 15 and 22,

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 14, 15, 22, and 23, hereinbefore described, thence I run,
N. 89° 55' W., on a true line, bet. secs. 15 and 22,
Descend N.W. slope over rolling sandy land through scattering sage and greasewood brush undergrowth

Survey & Resurvey of Subdivisional lines of Twp 27 N., R 20 E.

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BOOK 2625

	and brush grass
1.00	Left bank of the Jetteto Wash. 25 ft. high bears N 40° E and S 40° W.
2.30	Right bank of the Jetteto Wash. bears N 40° E and S 40° W. Ascend gradually over S.E. slope.
15.75	Post of sand ridge bears NE. and S.W. dist.
20.00	Dry ravine 10 lks. wide course South asc. E. slope
40.02	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 15 on N. half and S 22 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 3½ ft. base, 1½ ft. high. N. of cor.
50.00	Post of sand ridge bears N. and S. dist.
54.45	Dry ravine Course South. asc.
64.00	Post of sand ridge bears N. and S. dist.
67.75	Dry ravine 15 lks wide, 3 ft. deep course South asc.
80.04	The cor. of secs. 15, 16, 21, and 22, hereinbefore described.
	Land rolling and hilly.
	Soil sandy 3rd rate.
	No timber

September 14th 1910.

September 20th 1910 At. 7h 24m a.m. (mean) sun obs. 35° 43½' N. on the tab. arc. 1° 19' N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 15. 16. 21, and 22, hereinbefore described, thence I run,

N. 0° 02' W, bet. secs. 15 and 16,

Ascend S.E. slope over hilly stony land. through sage brush undergrowth

3.65	Post of spur 50 ft. above cor. bears E and W. dist.
7.32	Dry ravine Course East asc.
16.00	Post of sand ridge bears E and W. dist.
25.00	Dry ravine 10 lks. wide course S 70° E asc.
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 16 on W. half and S 15 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 3½ ft. base 1½ ft. high. W. of cor
45.00	Post of sand spur, bears N 30° E and S 30° W. dist.
53.45	Dry ravine 20 lks. wide Course S.E. asc.

56.00 Pcts of sandstone, bears N.W. and S.E. dist.
58.80 Dry ravine 15 lks. wide Course East. acc.
80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins in the ground. for Cor. of Secs. 9, 14, 15, and 16 marked on brass Cap T 27 N. S 9 in N.W., R 20 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 ins. in each sec. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of cor
Land hilly
Soil sandy and stony, 3rd and 4th rate.
No timber

S. 89° 55' E., on a random line, bet. Secs. 10 and 15,—
40.00 Set temp. ¼ sec. cor.
80.00 Intersect N and S. line, At the Cor. of secs. 10, 11, 14 and 15, hereinbefore described, thence I run,
N. 89° 55' W, on a true line, bet. secs. 10 and 15—
Descend S.W. slope over rolling and hilly land through scattering cedar timber and sage brush undergrowth
2.10 Road bears N and S.
15.12 Dry ravine 20 lks. wide 3 ft. deep Course S.E.
28.00 Brook of Mead bears N.E. and S.W. ascend abruptly
39.40 Pct of slate ascend. on E. edge of Mead 10 ft. high. bears N 70° E and S 70° W ascend gradually.
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 10 on N. half and S 15 on S half. From which.
A cedar 8 ins. in diam. bears N 73 ¾° W 97 lks. dist. marked ¼ S 10 B.T. and
A cedar 6 ins. in diam, bears S 60½° W 126 lks. dist. marked ¼ S 15 B.T.
54.00 Pcts of divide bears N and S, dist. gradually over W. slope
59.10 Wet edge of Mead bears N. and S. Bears timber bears N. and S. dist abrupt rocky W. slope.
65.60 Dry ravine Course S 25° W. acc.
80.00 The cor. of secs. 9, 10, 15, and 16, hereinbefore described.
Land hilly.
Soil sandy and Stony 3rd and 4th rate.
Timber Cedar

80

26

Survey & Resurvey of Subdivisional lines of Twp 27 N., R 20 E

Claims

BOOK 2625

N. 0° 02' W., bet. secs 9 and 10,
Ascend S. slope over hilly sandy and stony land
.30 Wpt of sand ridge bears E and W dists.
3.67 Dry ravine 20 lks wide course S 25° E., asc. Enter
scattering cedar timber bears N.W. and S.E.
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 9 on W. half. and S 10 on E half. from which.
A cedar 4 ins. in diam. bears N 59° E 78 lks. dist.
marked 1/4 S 10 B.T. and
A cedar 30 ins. in diam. bears S 9 1/2° W. 65 lks. dist.
marked 1/4 S 9 B.T.
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
on brass Cap T 27 N. S 4 in N.W., R 20 E S 3 in N.E.
S 10 in S.E. and S 9 in S.W. quadrants. from which.
A cedar 10 ins. in diam. bears N 6° E, 188 lks. dist.
marked T 27 N. R 20 E S 3 B.T. and
A cedar 6 ins. in diam. bears N 31 1/2° W 88 lks. dist.
marked T 27 N, R 20 E S 4 B.T.
No other trees available
Dig pits 18 x 18 x 12 ins. in each sec. S.E. and S.W.
of post 5 1/2 ft. dist. and raise a mound of earth
3 1/2 ft. base, 1 1/2 ft. high W. of cor.
Land rolling.
Soil sandy and stony 3rd and 4th rate.
Timber Cedar

NOTE: At this cor. Dec. 0ff. 1° 14' N. on the declination and at noon observed the sun on the meridian and obtain a reading of 35° 45 1/2' N. on the lat. arc.

S. 89° 55' E., on a random line, bet. secs. 3 and 10,
40.00 Set temp 1/4 sec. cor.
79.98 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
2, 3, 10 and 11, hereinbefore described, thence I run,
N. 89° 58' W., on a true line, bet. secs. 3 and 10,
Ascend S.E. slope over rolling sandy land through
scattering cedar timber and sage brush undergrowth
28.60 Wpt of sand ridge bears N 20° E and S 20° W. dists
gradually over S.W. slope

39.99 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 3 on N. half and S 10 on S. half, from which.
A cedar 8 ins. in diam. bears N 74½° E 105 lks. dist. marked ¼ S 3 B.T. and
A cedar 14 ins. in diam. bears S 26¾° W 87 lks. dist. marked ¼ S 10 B.T.

79.98 The cor. of secs. 3, 4, 9, and 10, hereinbefore described.
Land rolling.
Soil sandy 3rd rate
Timber Cedar

N. 0° 02' W, on a random line, brh. secs. 3 and 4,
40.00 Set temp. ¼ sec. cor.
79.86 Intersect N. bdry. of Twp., 12 lks. E. of the cor. of secs. 3, 4, 33 and 34, recently estab. by J. me as described in Exterior Book "AK", thence I run,
S. 0° 07' E, on a true Line, bet Secs 3 and 4,
descend N. W. slope over rolling sandy land through scattering cedar and pine on pine timber and sage brush undergrowth.
11.85 Pass S. dist. bears N 75° E and S 75° W. dist.
39.86 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 4 on W. half and S 3 on E. half from which.
A cedar 10 ins. in diam bears N 58¾° E 63 lks. dist. marked ¼ S 3 B.T. and
A cedar 8 ins. in diam. bears N 43¼° W 191 lks. dist, marked ¼ S 4 B.T.
79.86 The cor. of secs. 3, 4, 9, and 10, hereinbefore described.
Land rolling
Soil sandy 3rd rate,
Timber Cedar and juniper pine

September 20th 1910.

September 15th 1910 At. 7h 26m a.m. I run Dect off. 35° 41' N. on the Lab. arc. 3° 15' N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 4, 5, 32, and 33 on S. bdry of Twp., recently established by Sidney E. Blunt as described in Exterior Book "AY", thence I run,
N. 0° 03' W., brh. secs. 32 and 33, surveying to 60.00 thence resurveying.
Descend N. slope over stony hilly land through sage and greasewood brush undergrowth and trench. grade.

Survey & Resurvey of Subdivisional lines of Twp 27 N. R 20 E.
Chaves

BOOK 2625

1.85	N. & S. sand stone bluff 20 ft. high along N. edge of mead bears N.W. and S.E. desc abruptly.
10.00	Dry ravine 100 ft. below cor. course N 45° E. asc.
15.00	N. & S. sand ridge 50 ft. above ravine bears E and W. desc.
25.45	Dry ravine 20 lks. wide course N.E. asc.
35.00	N. & S. sand ridge bears N.E. and S.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 on brass Cap. 1/4 S 32 on W half and S 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 3½ ft. base, 1½ ft. high W. of cor
60.00	No trace of old 1/16 sec. cor. can be found, thence resurveying.
74.20	Road from Kearns Canyon to Holbrook Arizona bears N 30° W, and S 30° E.
80.00	Set an iron post 3 ft. long 2 ins. in diam, 24 ins. in the ground for re-established 1/4 cor. of secs, 28, 29, 32, and 33 marked on brass Cap T 27 N, S 29 in N.W. R 20 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. 5½ ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high W. of Cor. No trace of old sec. cor. can be found.
	Land hilly.
	Soil sandy and stony 3rd and 4th rate
	No timber

	East, on a random line, between secs. 28 and 33;
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. and S. line 18 lks. N. of the re-established cor. of secs. 27, 28, 33, and 34, hereinbefore described, thence resurvey, N. 89° 52' W, on a true line, between secs. 28 and 33. Ascend E. slope over hilly sandy land, through sage and greasewood brush undergrowth and much grass.
2.00	N. & S. sand ridge bears N. and S. desc.
20.015	No trace of old 1/16 sec. cor. can be found.
22.00	Mouth of descent in depression bears N 45° E. and S 45° W drains N.E., ascend.
27.50	N. & S. 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 re-estab. 1/4 sec. cor. marked on brass Cap 1/4 S 28 on N. half and S 33 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 3½ ft. base, 1½ ft high N. of Cor.

43.20 Road from Keams Canyon Arizona to Holbrook Arizona bears N60°E and S60°W.

44.70 Road leads to Keams Canyon Arizona bears N20°W and S20°E.

60.045 No trace of old 1/16 sec. cor. can be found.

63.90 Dry ravine 30 lks. wide, 5 ft. deep. Course N.W.

67.77 Road to Keams Canyon Arizona bears N.W and S.E.

80.06 The re-established Cor. of secs. 28. 29. 32. and 33, hereinbefore described.
Land hilly.
Soil sandy 3rd rate.
No timber

N. 0°03' W., lks. secs. 28 and 29, resurveying,
Descend N. slope, over rolling Sandy land through Sage and greasewood brush undergrowth and bunch grass.

20.00 No trace of old 1/4 sec. cor. can be found.

37.30 Road leads to Keams Canyon Arizona bears N.W. and S.E.

40.00 The point for the 1/4 sec. cor. falls in a dry Sand wash 30 lks. wide course west., where natural causes would insure the destruction of the cor., No trace of old 1/4 sec. cor. can be found. therefore I continued my line acc. S. slope

40.30 Old road bears N.E. and S.W.

41.50 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for witness Cor. to the 1/4 sec. cor. marked on brass Cap. T 27 N., R 20 E., S 28. S 29 in N. half. and W.C. 1/4 in S. half
Dig pits 18 x 18 x 12 ins. N. and S. of post. 3 ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high. W. of Cor.
This cor. is situated on top of Sand ridge bears bears E. and W. dec.

42.35 Dry ravine 50 lks. wide course S.W. acc.

45.00 Top of Sand ridge bears E and W. dec.

46.65 Left bank of the Jette to Wash. 6 ft. high bears N60°E and S60°W.

47.70 Right bank of the Jette to Wash. 5 ft. high bears N60°E. and S60°W., Ascend S.E. slope

60.00 No trace of old 1/16 sec. cor. can be found.

80.00 Set an iron post 3 ft. long 2 ins. in diam 24 ins. in the ground for re-established Cor. of secs. 20, 21, 28, and 29, marked.

on brass cap T 27 N. S 20 in N.W., R 20 E. S 21 in N.E.
S 28 in S.E. and S 29 in S.W. quadrants.
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.
No trace of old sec. cor. can be found.
Land rolling.
Soil sandy 3rd rate.
No timber

NOTE:- At this cor. I set off 3°10' N. on the decl. arc and at noon observe the sun on the meridian and obtain a reading of 35°43' N. on the lat. arc.

S 89°52' E., on a random line, bet. secs. 21 and 28.
40.00 Set temp. 1/4 sec. cor.
80.04 Intersect N and S. line, 3 lks. S. of the re-established cor. of secs. 21, 22, 27, and 28, hereinbefore described, thence I resurvey,
N 89°53' W., on a true line, bet. secs. 21 and 28,
Over rolling sandy land, through scattering sage and greasewood brush undergrowth and bunch grass.
12.16 Road to Jetito spring bears N.E. and S.W.
20.01 No trace of old 1/16 sec. cor. can be found.
38.00 The Jetito Spring bears N22°17'E.
A house bears N22°1'45"E.
40.02 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for re-established 1/4 sec. cor. marked on brass cap 1/4 S21 on N. half and S28 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 3½ ft. base, 1½ ft. high N. of cor.
No trace of old 1/4 sec. cor. can be found.
43.80 Leave undergrowth bears N.E and S.W., Enter cultivated land bears N.E. 15.00 chs. dist. and S.W. 10.00 chs. dist.
44.80 Left bank of the Jetito Wash 12 ft. high bears N40°E. and S40°W.
45.80 Right bank of the Jetito Wash 10 ft. high bears N40°E. and S40°W., ascend gentle S.E. slope.
46.50 Leave cultivated land bears N.E. 12.00 chs. dist. and S.W. 10.00 chs. dist., Enter sage brush undergrowth.
60.03 No trace of old 1/16 sec. cor. can be found.
80.04 The re-established cor. of secs. 20, 21, 28 and 29, hereinbefore described.
Land rolling
Soil sandy 3rd rate
No timber

N 0°03' W., bet. secs. 20 and 21, resurveying to 40.00 thence surveying.

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

20.00 No trace of old 1/16 sec. cor. can be found.

21.66 Road bears E. and W.

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

36.20 Dry sand wash 40 lks. wide 5 ft. deep. Course S 45° W. Ascend steeply.

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for reestablished 1/4 sec. cor. marked on brass cap 1/4 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. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor. No trace of old 1/4 sec. cor. can be found. Thence I survey N. ½ mile.

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

77.00 Dry ravine 25 lks. wide 2 ft. deep course S.W. asc.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins in the ground for cor. of secs. 16, 17, 20, and 21 marked on brass cap T 27 N., S 17 in N.W., R 20 E. S 16 in N.E. S 21 in S.E and S 20 in S.W. quadrants; from which
A cedar 14 ins. in diam. bears S 9½° E 251 lks. dist. marked T 27 N. R 20 E. S 21 B.T. and
A cedar 16 ins. in diam. bears N 42½° W. 379 lks. dist. marked T 27 N. R 20 E. S 17 B.T. No other trees available.
Dig pits 18 X 18 X 12 ins. in each sec., N.E. and S.W. of post 5½ ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor.
Land hilly.
Soil sandy 3rd rate,
Timber scattering cedars at cor.

September 15th 1910.

September 21st 1910, at 7h 54m a.m. l.m.t. I set off 35° 43½' N. on the lat. arc. 0° 55' N. on the decl. arc and determine a meridian with the solar at the cor. of secs. 16, 17, 20, and 21, above described thence I run,
S 89° 53' E., on a random line, bet. secs. 16 and 21,

40.00 Set temp. 1/4 sec. cor.

80.12 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 15, 16, 21 and 22, hereinbefore described, thence I run,
N. 89° 51' W., on a true line, bet. secs. 16 and 21.
Ascend steep rocky E. slope of mesa over hilly land.

1.90 Top of steep ascent on E. edge of Mesa 50 ft. above cor.

BOOK 2625

	bears N 20° E. and S 20° W., ascend gradually.
9.00	Top of divide bears NE. and SW. desc. NW. slope
33.10	Dry ravine course South asc.
34.54	Road, from Teams Canyon Arizona to Holbrook Arizona bears N. and S.
40.06	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 16 on N. half and S 21 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 3½ ft. base, 1½ ft. high. N. of cor. This cor. is situated on top of low sand ridge, bears N. and S. desc.
52.10	Dry ravine 15 lks. wide course South asc.
55.00	Top of sand ridge 30 ft. high. bears N and S. desc.
77.50	Dry ravine 10 lks. wide course SW. asc.
80.12	This cor. of secs. 16, 17, 20, and 21, hereinbefore described. Land hilly, Soil sandy and stony 3rd and 4th rate. No timber

	N 0° 03' W. bet. secs. 16 and 17. Ascend South slope over hilly sandy land through sage and greasewood brush undergrowth and bunch grass
15.50	Top of rocky ridge bears E and W., Extends 25 lks. E. of line desc.
20.55	Dry ravine course S.E. asc.
34.55	Top of sand ridge bears NW. and S.E. desc.
38.30	Dry ravine 25 lks. wide course S.E. ascend steep S. slope of mesa.
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 17, on W. half and S 16 on E. half. Raise a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable.
43.70	Top of steep ascent on S. edge of Mesa 100 ft. high. bears N 30° E. and S 30° W., Level hilly land bears NE. and SW., Enter rolling sandy mesa land. ascend gradually on SE. slope.
80.00	Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for Cor. of secs. 8, 9, 16, and 17, marked on

brass Cop T 27 N. S 8 in N.W. R 20 E, S 9 in N.E., S 16 in S.E. and S 17 in S.W. quadrant.
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 and hilly.
Soil sandy and stony 3rd and 4th rate.
No timber

S 89° 51' E., on a random line, beh. secs. 9 and 16.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N. and S. line, 10 lks. S. of the cor. of secs 9, 10 15 and 16, hereinbefore described, thence I run,
N. 89° 55' W., on a true line, beh. secs, 9 and 16,
Ascend East. slope over rolling sandy land through scattering cedar timber and edge brush undergrowth.
18.66 Road from Keams Canyon Arizona to Holbrook. Arizona bears N. and S.,
40.05 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 9 on N. half and S 16 on S. half.
from which.
A cedar 8 ins. in diam. bears N 52½° E 2 11 lks. dist. marked ¼ S 9, B.T.
A cedar 5 ins. in diam. bears S 70¼° E 77 lks. dist. marked ¼ S 16 B.T.
46.00 Top of divide bears N. and S. dist.
58.00 Drop cairn 40 ft. below top of divide course south. Ascend. Leave timber bears N.W. and S.E.
80.10 The cor. of secs. 8, 9, 16, and 17, hereinbefore described.
Land rolling
Soil sandy 3rd and 4th rate.
Timber Cedar

N. 0° 03' W., beh. secs. 8 and 7,
Ascend S.E. slope over low rolling sand hills.
4.00 Enter scattering Cedar timber bears E. and W.
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 8 on W. half and S 9 on E. half, from which.

A Cedar 16 ins. in diam. bears N 43¾° E 327 lks. dist. marked ¼ S 9 B.T. and
A Cedar 14 ins. in diam. bears N 15° W 187 lks. dist. marked ¼ S 8 B.T.

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 27 N. S 5 in N.W. R 20 E. S 4 in N.E. S 9 in S.E. and S 8 in S.W. quadrant. from which
A Cedar 20 ins. in diam. bears S 24½° E 171 lks. dist. marked T 27 N., R 20 E; S 9 B.T. and
A Cedar 5 ins. in diam. bears N 29¼° W 257 lks. dist. marked T 27 N. R 20 E. S 5 B.T. No other trees within the prescribed limits
Dig pits 18 X 18 X 12 ins in each sec. N.E. and S.W. of post 5½ ft. dist. and raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor.
Land rolling sand hills
Soil sandy 3rd rate.
Timber scattering cedar

NOTE: At this cor I set off 0°51' N. on the decl arc and at noon observe the sun on the meridian the resulting latitude being 35°45½' N.

S. 89°55' E., on a random line, bet. secs. 4 and 9,

40.00 Set temp. ¼ sec. cor.

80.14 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 3, 4, 9, and 10, hereinbefore described, thence I run,
N. 89°57' W., on a true line, bet. secs 4 and 9,
Over rolling sandy mesa land

11.00 Enter scattering cedar timber bears N.W. and S.E.

23.12 Road from Keams Canyon Arizona to Holbrook Arizona bears N 20° W. and S 20° E.

40.07 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 4 on N. half and S 9. on S. half. from which
A Cedar 7 ins. in diam. bears S 37½° E 32 lks. dist. marked ¼ S 9 B.T. No other trees available
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.

40 15 N. & S. of sand ridge bears N. and S. desc gentle W. slope
59.00 Bottom of descent in depression bears N.E. and S.W. drains to the N.E. asc. gently.
80.14 The cor. of secs. 4, 5, 8, and 9, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
Timber scattering cedar

N 0°03' W. on a random line bet. secs. 4 and 5
40.00 Set temp. 1/4 sec. cor.
79.88 Intersect N. bdry. of Twp., 5 lks. E. of the cor. of secs. 4, 5, 32, and 33, recently estab. by me as described in Exterior Book "AK," thence I run,
S. 0°05' E, on a true line, bet. secs. 4 and 5.
Ascend N.W. slope over hilly land through scattering cedar and pinion pine timber and greasewood brush undergrowth.
9.00 N. & S. sand ridge bears N 26° E and S 25° W. desc.
15.00 Dry wash 15 lks. wide Course N 25° E. asc.
19.00 N. & S. Mesa bears N 45° E. and S 45° W, bears hilly land bears N.E. and S.W., Enter rolling land bears N.E. and S.W. desc. gradually over S.E. slope
39.88 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 5 on W. half and S 4 on E. half., from which.
A cedar 12 ins. in diam. bears N 76 1/2° E. 71 lks. dist. marked 1/4 S 4 B.T. and
A cedar 8 ins. in diam. bears N 73° W 73 lks. dist. marked 1/4 S 5 B.T.
79.88 The cor. of secs. 4, 5, 8, and 9, hereinbefore described.
Land rolling and hilly
Soil sandy 3rd and 4th rate.
Timber pinion pine and cedar.

September 21st 1910.

September 16th 1910 Ah. 7h 25m a.m. l.m.l.t. Set off 35° 41' N. on the lat. arc. 25° 2' N. on the dec. arc an determine a meridian with the solar at the cor. of secs 5, 6, 31, and 32, on S. bdry. of Twp., recently re-established by Sidney E. Blout as described in Exterior Book "AY," thence I resurvey,
N. 0°03' W, bet. secs. 31 and 32,
Descend N.E. slope over hilly sandy land through

Surveys & Resurvey of Subdivisional lines of Ns 27 N., R 20 E.

36 Chains

BOOK 2625

scattering sage and greasewood brush undergrowth and bunch grass.

16.00 Dry sand wash 35 lks. wide 4 ft. deep course N 10° W approx.

20.00 No trace of old 1/16 sec. cor. can be found.

29.70 N & S. sand ridge bears N.W. and S.E. dist.

38.43 Dry ravine 20 lks. wide 4 ft. deep course west. approx

40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for re-established 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. dist. and raise a mound of earth 3½ ft. base 1½ ft. high W. of cor. No trace of old 1/4 sec. cor. can be found.

46.35 N & S ridge bears E. and W. dist.

52.35 Dry ravine 30 lks. wide 8 ft. deep. course N.E.

57.20 Sandy ravine 25 lks. wide 8 ft. deep. course N.W approx.

59.00 N & S ridge bears N.W. and S.E. dist.

60.00 No trace of old 1/16 sec. cor. can be found.

80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for re-established Cor. of Secs. 29, 30, 31 and 32, marked on brass Cap. T 27 N., S 30 in N.W. R 20 E, S 29 in N.E. S 32 in S.E. and S 31 in S.W. quadrant.

Dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raise a mound of earth 2 ft. base, 2 ft. high W. of cor. No trace of old sec. cor. can be found.

Land hilly.

Soil sandy 3rd and 4th rate.

No timber

Earth, on a random line bet. Secs. 29 and 32,

40.00 Set temp. 1/4 Sec. Cor.;

79.96 Intersect N. and S. line, 8 lks. W. of the re-established Cor. of secs. 28, 29, 32 and 33, hereinbefore described, thence I resurvey N. 89° 57' W., on a true line, bet. Secs. 29 and 32.

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

7.43 Old road bears N 20° W. and S 20° E.

19.99 No trace of old 1/16 sec. cor. can be found.

39.98 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for re-established 1/4 Sec. Cor. marked on brass Cap 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 3½ ft. base, 1½ ft. high N. of Cor. No trace of old 1/4 sec. cor. can be found.

59.97	No trace of old 1/16 sec. cor. can be found.
79.96	The Cor. of secs 29, 30, 31 and 32, hereinbefore described. Re-established
	Land rolling.
	Soil sandy 3rd rate.
	No timber
	Westh, bk. secs. 30 and 31, resurveying on true line, descend N.W. slope over rolling sandy land through sage and greasewood brush undergrowth and bunch grass.
13.00	A point 100 lks. South of Indian hogan.
14.70	Leave undergrowth bears N.W. and S.E. Enter Cultivated land extends N.W. 10.00 Chs. and S.E. 8.00 Chs. dist.
16.20	Dry ravine 20 lks. wide course N 75° W.
20.00	No trace of old 1/4 sec. cor. can be found.
22.30	Leave Cultivated land bears N.W. and S.E. Enter sage brush undergrowth
40.00	Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for 1/4 sec. Cor. Re-established marked on bears Cop. 1/4 S 30 on N. half. and S 31 on S. half. Dig pit 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. No trace of old 1/4 sec. cor. can be found.
44.00	Road bears N 65° E. and S 65° W.
47.64	Road bears N.W. and S.E.
51.95	Left bank Jetteto Wash 8 ft. high bears N 45° E and S 45° W.
52.35	The same road bears N.E. and S.W.
53.05	Right bank of the Jetteto Wash. 10 ft. high bears N 45° E and S 45° W.
54.57	The same road bears N.W. and S.E.
55.87	The same road bears N.E. and S.W.
60.06	No trace of old 1/16 sec. cor. can be found.
67.36	Intersect W. bdy of Tp., 5.28 Chs. S. of the Cor. of secs 25, 30, 31, and 36, Re-established by Sidney E. Blout, July 11, 1908, as described in Exterior Book "AX," Change markings on this corner to refer to secs. on the West only and at point of intersection
	Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for Closing Corner of secs. 30 and 31, marked on brass Cap. T 27 N. in N. half, R 19 E., R 20 E. in S. half C.C. S 25, S 36 in W. half. S 30 in N.E. and S 31 in S.E. quadrant.
	Dig pit 24 x 18 x 12 ins. Crosswise on each line N. and S. 3 ft. and E. of post 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high E. of Cor

BOOK 2625

Level rolling
Soil sandy 3rd rate.
No timber

NOTE: At this cor. I set off 2°47' N. on the decl. arc, and at noon observed the sun on the meridian and obtained a reading of 35°42' N. on the lat. arc.

N. 0°03' W., lat. secs 29 and 30, resurveying,
Descend N. W. slope over rolling sandy land through
sage and greasewood brush and bunch grass

13.34 Road bears E. and W.
20.00 No trace of old 1/16 sec. cor. can be found.
23.25 Left bank of the Jotteto Wash. 16 ft. high bears N 45° E.
on S 45° W.
24.00 Right bank of the Jotteto Wash. 16 ft. high bears
N 45° E. and S 45° W. Ascend gradually over S. E. slope
40.00 Set an iron post 3 ft. long 1 in in diam. 26 ins. in the
ground for re-established 1/4 sec. cor., marked on brass Cap 1/4 S 30 on
W. half and S 29 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 3½ ft. base 1½ ft. high W. of cor.
This cor. is situated on top of sand ridge bears
E. and W. dec. No trace of old 1/4 sec. cor. can be found.
41.45 Dry ravine 20 lks. wide 6 ft. deep Course S 25° W.
60.00 No trace of old 1/16 sec. cor. can be found.
80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins.
in the ground for re-established Cor. of secs 19, 20, 29 and 30
marked on brass Cap T 27 N, S 19 in N.W., R 20 E.
S 20 in N.E., S 29 in S.E. and S 30 in S.W. quadrants
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's. No trace of old sec. cor. can be found.
Land rolling.
Soil sandy 3rd rate.
No timber

S 89°57' E., on a random line, left secs. 20 and 29,
40.00 Set temp 1/4 sec. cor.
79.92 Intersect N. and S. line, 5 lks. S. of the re-established Cor. of secs
20, 21, 28 and 29, hereinbefore described, thence I resurvey

N.89°59' W, on a true line, bet. secs. 20 and 29,
Ascend East slope over rolling sandy land through
sage and greasewood brush undergrowth.
12.12 Road trails N20°E and S20°W.
14.50 An indian hogan bears South 175 lks. dist.
19.98 No trace of old 1/16 sec. cor. can be found.
20.50 Nose of sand ridge bears N and S. desc.
24.70 Dry ravine 30 lks. wide Course South asc.
39.96 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in
the ground for re-established 1/4 sec. cor. marked on brass Cap. 1/4
S20 on N. half and S29 on S half.
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 trace of old 1/4 sec. cor. can be found.
59.94 No trace of old 1/16 sec. cor. can be found.
79.92 re-established Mon. Cor. of secs. 19, 20, 29, and 30, hereinbefore described.
Land rolling
Soil sandy 3rd rate.
No timber

September 16th 1910.

September 22nd 1910 At. 7h 23m a. m. l.m.d. set.
off 35°43' N. on the Lat. arc 0°38' N. on the decl.
arc and determine a meridian with the solar
at the re-established Cor. of secs. 19, 20, 29, and 30, hereinbefore described thence true
West; bet. secs 19 and 30, on true line,
Ascend East slope over rolling sand hills through
sage and greasewood brush undergrowth and
bunch grass
24.50 Nose of sand ridge bears N.W. and S.E. desc
27.55 Dry ravine Course S40°E. asc.
38.00 Nose of sand ridge bears N.W. and S.E. 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 on brass
Cap 1/4 S19 on N. half and S30 on S half.
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.
40.54 Dry ravine 10 ft. below 1/4 sec. cor. Course South
ascend
53.00 Nose of sand ridge bears N.W. and S.E. desc
63.05 Dry ravine 20 lks. wide Course South asc
67.30 Intersect W. bdy of Twp. 5.36 chs. S. of the cor.
of secs. 19, 24, 25 and 30, re-established by Sidney E. Blout as described in Exterior Book "AX,"

Survey & Resurvey of Subdivisional lines of Nps 27 N., R 20 E.

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Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for Closing Cor. of Secs. 19 and 30, marked on brass Cap. T 27 N., in N. half, R 19 E., R 20 E. in S half. C.C. S 24, S 25 in W. half S 19 in N.E. and S 30 in S.E. quadrant.
Dig pits 24 x 18 x 12 ins. crosswise on each line N. and S 3 ft. and E. of post. 7 ft. dist. and raise a mound of earth 4 ft. base, 2 ft. high E. of cor.
Change the Cor. of Secs. 19, 24, 25 and 30 on W. bdry of Nps. from a Cor. Common to 4 Secs. to a cor. Common to 2 Secs. for the Nps on the West.
Land hilly.
Soil sandy and stony 3rd rate
No timber

N. 0° 03' W., bet. Secs. 19 and 20, resurveying to 40.00 thence surveying.
Ascend S.E. slope over hilly sandy land through scattering sage and greasewood brush undergrowth and lunch Grass

11.00 Pass Sandridge bears N.E. and S.W. desc.
20.00 No trace of old 1/16 sec. cor. can be found.
22.00 Dry ravine course S.W. asc.
32.90 Pass of ridge bears N 35° W and S 35° E. descend steep N.E. slope.
36.00 Pass of descent in depression bears N.W. and S.E. drains S.E. asc.
40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for re-established 1/4 Sec. cor. marked on brass Cap 1/4 S 19 on W. half and S 20 on E half.
Raise a mound of stone 2 ft. base 1 1/2 ft. high W. of Cor.
Pits impracticable. No trace of old 1/4 sec. cor., thence surveying.
44.30 Enter Stony land bears N 30° E. and S 30° W.
50.75 Leave Stony land bears N.E. and S.W. Enter Sandy land
80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for Cor. of Secs 17, 18, 19 and 20 marked on brass Cap T 27 N. S 18 in N.W. R 20 E. S 17 in N.E. S 20 in S.E. and S 19 in S.W. quadrant; from which.
A lone cedar 4 ins. in diam. bears S 44 3/4° W 19 lks dist. marked T 27 N, R 20 E S 19 B.T. No other trees available.
Dig pits 24 x 18 x 12 ins. in each Sec. N.E. S.E. and N.W. of post. 5 1/2 ft. dist, and raise a mound of earth 4 ft. base 2 ft. high W. of cor.
Land hilly.

Soil sandy and stony 3rd and 4th rate.
No timber

NOTE:- At this cor Dsh off 0°27' N on the decl. arc, and at noon observe the sun on the meridian and obtain a reading of 35°43½' on the Lat. arc.

S 89°59' E, on a random line, bet. secs 17 and 20,
40.00 Set temp ¼ Dist. Cor.
80.02 Intersect N and S line, 10 lks. N of the cor. of secs. 16, 17, 20, and 21, hereinbefore described, thence I run,
N 89°56' W, on a true line, bet. secs. 17 and 20,
Ascend East. slope over hilly sandy land through sage and greasewood brush undergrowth.
6.00 Top of sand ridge bears N and S. desc.
8.32 Dry ravine 20 lks. wide course South asc
17.00 Top of ridge bears N and S. desc.
22.00 Dry ravine 20 lks. wide course South. asc.
34.64 Top of sand 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 ¼ sec. Cor. marked on brass cap ¼ S 17 on N half and S 20 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 3½ ft. base, 1½ ft. high. N of cor.
41.28 Dry ravine 15 lks. wide Course S 20° W. asc.
43.00 Top of sand ridge bears N and S. desc.
44.58 Dry ravine 25 lks. wide 3 ft. deep Course S.E. asc.
80.02 The Cor. of secs. 17, 18, 19 and 20, hereinbefore described.
Land hilly.
Soil sandy 3rd rate.
No timber

West, bet. secs. 18 and 19, on true line,
Ascend S.E. slope over hilly sandy land through sage and greasewood brush undergrowth.
13.20 Top of Mesa bears N.E. and S.W. Rears hilly, land bears N.E. and S.W. Enter rolling land.
38.80 Leave rolling land bears N. and S. Enter stony hilly land. desc steep W. slope over sand stone ledges.
40.00 Set an iron post 3 ft. long 1 in. in diam. 26 ins. in

Survey & Resurvey of Subdivisional lines of Tp 27 N., R 20 E.

BOOK 2625

the ground for 1/4 sec. cor. marked on brass Cap 1/4 S 18 on W. half and S 19 on S. half.
Raise a mound of stone 2ft. base, 1½ft. high. N. of cor.
Pits impracticable
41.86 Dry rocky ravine 25 lks. below 1/4 sec. cor. course South acc.
64.75 Top. of steep ascent on E. edge of mesa bears N 40° E. and S 40° W., bears hilly land bears N.E. and S.W.
Enter broken stony land.
67.26 Intersect W. bdy. of Tp., 5.58 chs. S. of the cor. of secs. 13, 18, 19 and 24, (established by Sidney E. Blout as described in Exterior Book "AX,"
Set an iron post 3ft. long 2 ins. in diam 24 ins. in the ground for closing cor. of secs. 18 and 19, marked on brass Cap. T 27 N. in N. half, R 19 E., R 20 E. in S. half. and C C S 13, S 24 in W. half., S 18 in N.E. and S 19 in S.E. quadrant.
Raise a mound of stone 2ft. base 1½ft. high E. of cor.
Pits impracticable
Change the cor. of secs 13, 18, 19, and 24, from a cor. common to 4 Secs. to a cor. common to 2 secs. for the Tp. on the West.
Land hilly rolling and broken
Soil sandy and stony 3rd and 4th rate.
No timber

September 22nd 1910

September 23rd 1910 At. 6h 53m a.m. I mount & Set. off. 35° 43½' N. on the Lat. arc, 0° 11' N. on the decl. arc and determine a meridian with the polar at the cor. of secs. 17, 18, 19 and 20, (hereinbefore described) thence I run, N. 0° 03' W., bet. secs. 17 and 18,
ascend S.E. slope over hilly sandy land through scattering cedar timber and sage brush, undergrowth.
0.25 Top of ridge bears N.E. and S.W. desc.
1.35 Dry ravine 30 ft. below top of ridge course East acc.
4.50 Top of sand ridge bears E. and W. desc.
7.10 Dry ravine 10 lks. wide course East and rocky S. slope.
15.20 Top of steep ascent, bears hilly land bears N.E. and S.W. Enter rolling land bears N.E. and S.W. ascend gradually over S.E. slope.
40.00 Set an iron post 3ft. long 1 in in diam 26 ins.

Survey & Resurvey of Subdivisional lines of Twp 27 N., R 20 E.

Chains 43

Chains	
	in the ground for 1/4 sec. cor. marked ow brass cap. 1/4 S 18 ow W half and S 17 ow E half., from which A cedar 10 ins. in diam. bears S 7 1/2° W, 160 lks. dist. marked 1/4 S 18 B.T. No other trees available Dig pits 18 x 18 x 12 ins. N and S of post. 3 fh. dist. and raise a mound of earth 3 1/2 fh. base, 1 1/2 fh high. W of cor.
80.00	Set an iron post. 3 fh. long 2 ins. in diam. 24 ins in the ground for cor. of Secs. 7, 8, 17 and 18, marked ow brass cap T 27 N, S 7 in N.W., R 20 E. S 8 in N.E. S 17 in S.E. and S 18 in S.W. quadrants. from which A cedar 5 ins. in diam. bears N 11° E 387 lks. dist. marked T 27 N, R 20 E, S 8 B.T. and A cedar 7 ins. in diam. bears N 12 1/2° W 246 lks. dist marked T 27 N, R 20 E, S 7 B.T. No other trees available. Dig pits 18 x 18 x 12 ins. in each sec S.E. and S.W. of post 5 1/2 fh. dist. and raised a mound of earth 3 1/2 fh. base, 1 1/2 fh. high W. of cor. Land rolling and hilly. Soil sandy and stony 3rd and 4th rate Timber Cedar
	S. 89° 55' E, on a random line, bet. secs 8 and 17,
40.00	Set temp. 1/4 sec. cor.
79.96	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 8. 9. 16 and 17, hereinbefore described, thence I run, N. 89° 53' W, on a true line, bet. secs. 8 and 17, Ascend S.E. slope over rolling sandy land through sage and greasewood brush undergrowth
39.98	Set an iron post. 3 fh. long 1 ins. in diam. 26 ins in the ground for 1/4 sec. cor. marked ow brass Cap. 1/4 S 8 on N. half and S 17 ow S half. Dig pits 18 x 18 x 12 ins. E. and W. of post. 3 fh. dist. and raise a mound of earth 3 1/2 fh. base, 1 1/2 fh high. N. of cor.
79.96	The cor. of secs. 7. 8. 17. and 18, hereinbefore described. Land rolling. Soil sandy 3rd rate. No timber

BOOK 2625

West; Fel. secs. 7 and 18, on true line
Ascend S.E. slope over rolling sandy land through scattering cedar timber and sage brush undergrowth.
22.75 Top of sand ridge bears N 36° E and S 30° W. desc. gently over N.W. slope.
39.80 Hook of descent in circular depression asc.
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 18 on S. half, from which.
A cedar 8 ins. in diam. bears N 42° E. 248 lks. dist. marked 1/4 S 7 B.T. and
A cedar 7 ins. in diam. bears S 30° W 339 lks. dist. marked 1/4 S 18 B.T.
67.10 Intersect W. bdry. of Pp, 560 chs. S. of the cor. established by Sidney E. Blout, July 11, 1908 as described in Exterior Book "AX," I change markings on this cor. to refer to secs. on the West only and at point of intersection,
Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for Closing Corner of secs. 7 and 18, marked on brass cap T 27 N. in N. half R 19 E. R 20 E. in S. half. C.C. S 12, S 13 in W. half S 7 in N.E. and S 18 in S.E. quadrant.
No trees within limits.
Dig pits 24 x 18 x 12 ins. crosswise on each line N. and S. 3 ft. and E. of post 7 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high E. of cor.
Land rolling
Soil sandy 3rd rate.
Timber scattering cedar

N. 0° 03' W., Fel. secs. 7 and 8.
Ascend S.E. slope over rolling sandy land through scattering cedar timber and sag brush under growth.
15.00 Top of sand ridge bears N 60° E and S 60° W desc. gradually over N.W. slope
40.06 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 W. half and S 8 on E. half, from which.
A cedar 12 ins. in diam bears S 22 1/2° E 226 lks. dist. marked 1/4 S 8 B.T. No other trees within limits
Dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist. and raise mound of earth 3 1/2 ft. base 1 1/2 ft. high W. of cor.
46.50 Hook of descent in circular depression ascend.

54.78 Road to Kearns Canyon, Arizona bears N 35° E. and S 35° W
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for Cor. of secs. 5, 6, 7, and 8, marked on brass Cap. T 27 N., S 6 in N.W. R 20 E. S 5 in N.E. S. 8. in S.E., S 7 in S.W. quadrant, from which a Cedar 7 ins. in diam. bears N 75¼° E 224 lks. dist. marked T 27 N., R 20 E. S 5 B.T.
A Cedar 14 ins. in diam. bears S 38¼° E 150 lks. dist. marked T 27 N., R 20 E. S 8 B.T.
A pinion pine 7 ins. in diam. bears S 26½° W 86 lks. dist. marked T 27 N., R 20 E. S 7, B.T. and
A Cedar 9 ins. in diam. bears N 35° W 58 lks. dist. marked T 27 N., R 20 E. S 6 B.T.
Land rolling.
Soil Sandy 3rd rate.
Timber Cedar

NOTE:- At this Cor. Deck off 0° 04' N. on the decl. arc. and at noon observed the sun on the meridian and obtain on the lab. arc a reading of 35° 45½' N.

S. 89° 53' E., on a random line, bet. secs. 5 and 8.
40.00 Set temp. ¼ sec. cor.
79.82 Intersect N and S. line, at the Cor. of secs. 4, 5, 8 and 9, hereinbefore described, thence I run,
N. 89° 53 W, on a true line, bet. secs 5 and 8, over rolling sandy land through scattering Cedar and pinion pine timber and sage brush. undergrowth.
33.00 Lead timber bears N.E. and S.W.
38.00 Road to Kearns Canyon bears N 30° E and S 30° W
39.91 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 5 on N. half and S 8 on S. half. Dig pits 18 x 18 x 12 ins. E and W. of post 3 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high N. of Cor.
45.85 Road to Kearns Canyon Arizona bears N 25° E and S 25° W.
52.00 Enter Cedar and pinion pine timber bears N and S.
70.00 Depression bears N.W. and S.E., drains S.E., ascend.

Survey & Resurvey of Subdivisional lines of Wp 27 N., R 20 E.

Chains

BOOK 2625

7982 Tree cor. to secs. 5, 6, 7 and 8, hereinbefore described.
Land rolling.
Soil sandy 3rd rate.
Timber pinion pine and cedar

West, 4 chs. secs. 6 and 7, on true line,
Ascend S.E. slope over rolling sandy land.
through scattering pinion pine and cedar
timber and sage brush undergrowth
6.00 Wp of divided bears N 65° E. and S 65° 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 My sec. cor. marked on
brass cap 1/4 S 6 on N. half and S 7 on S. half.
from which.
A cedar 6 ins. in diam. bears N 44¼ E 18 lks.
dist, marked 1/4 S 6 B.T. and
A cedar 10 ins. in diam. bears S 44¼ E 13 lks.
dist, marked 1/4 S 7 B.T.
46.85 Wood road, bears N 15° E.
and S 15° W.
65.53 Dry ravine 10 lks, wide course North asc.
67.14 Intersect W. bdry of Wp. 5 68 chs. S. of the
cor. of secs 1, 6, 7 and 12, estab. by Sidney E. Bryant as described in Exterior Book "AX", I change markings on this cor. to refer to secs. on the west only, and at point of intersection
Set an iron post 3 ft. long 2 ins. in diam. 24
ins. in the ground for closing corner of secs
6 and 7, marked on brass Cap T 27 N. in N.
half, R 19 E. R 20 E in S half, C.C. S 1., S 12 in
W. half. S 6 in N.E. and S 7 in S.E. quadrants
from which
A cedar 10 ins in diam. bears N 19° E 65 lks.
dist, marked T 27 N. R 20 E. S 6 B.T. and.
A pinion pine 5 ins. in diam. bears S 39° E 44 lks.
dist. marked T 27 N. R 20 E. S 7 B.T.
Land rolling,
Soil sandy 3rd rate.
Timber pinion pine and cedar

N. 0° 03' W., on a random line, 4 chs. secs. 5 and 6.
40.00 Set temp. 1/4 sec. cor.

Survey & Resurvey of Subdivisional lines of Twp 27 N, R 20 E.

Chains

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Chains	
79.80	Intersect N. bdry of Twp., 7 lks. E of the cor. of secs 5, 6, 31, and 32, recently estab. by me as described in Exterior Book "AK," thence I run, S. 0° 06' E., on a true line, bet. secs. 5 and 6, Ascend N. slope over hilly sandy land through cedar and pinion pine timber and greasewood brush. undergrowth
13.00	N of a sand ridge bears N.W. and S.E. desc.
17.30	Dry ravine 20 lks. wide course N 45° W. asc
20.00	N of ridge bears N.W. and S.E. desc.
21.16	Dry ravine 10 lks. wide course N.W. asc
35.75	N of ridge bears N.W. and S.E. desc.
39.80	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.C. on W half and S 5 on E. half from which. A cedar 7 ins. in diam. bears S 32¾° E 79 lks. dist, marked 1/4 S 5 B.T. and A cedar 6 ins. in diam, bears S 45° W 105 lks. dist. marked 1/4 S 6 B.T.
42.60	Dry ravine course N.W. asc.
56.00	N of a sand ridge bears N 50° W, and S 50° E. desc. steeply
57.55	Dry ravine 20 lks. wide course S 50° W asc
75.00	N of divide bears N.E. and S.W. Land hilly land bears N.E. and S.W. Enter rolling land bears N.E. and S.W. desc. gradually over S.E. slope.
79.80	The cor. of secs. 5, 6, 7, and 8, hereinbefore described. Land rolling and hilly Soil sandy 3rd and 4th rate. Timber Cedar and pinion pine.

September 25th 1910.

General Description

The land embraced in this township varies from level land along the Jetteto Wash in the central part, to hilly mesa land in the northern and southern portions, and the soil ranges from an adobe sandy loam, to barren & and stone ledges, with very little soil on them.

The soil of the bottom land along the Jetteto Wash is a sandy loam, which produces fair crops

& Indian corn without irrigation
The soil of the remaining portions of the township except the sand stone mesa bluffs can nearly all be classed as third rate. is covered with bunch grass. and furnishes good range for stock. Teh is not suited for agricultural purposes.
Stons of scattering cedar and pinion pine timber is found on the mesa portions of the township and on the ridges that lead down from the mesas.
The sand stone ledges which underlie the mesa portions of the township are to soft to be of any commercial value as a building stone. No minerals of any kind were found in the township.
The township is poorly watered, the Jetteto Spring in sec. 21 being the only living water found in the township
The only settlers in the township are Navajo Indians who live a portion of the time in the hogans in secs. 30, 29, 21 and 2.

Sept. 23-1910 Sam L. White
U.S. Mineral Surveyor

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

BOOK 2625

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 and resurvey of the Subdivision lines of Tp 27 N. R. 20 E, G. & S. R. Base and Meridian, Arizona. showing the respective capacities in which they acted:

T. J. White, *Chainman.*
Oscar W. Fetters, *Chainman.*
Ralph C. Sampson, *Moundman.*
~~, *Moundman.*~~
George B. Seig, *Axman.*
~~, *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~~ resurveying all those parts or portions of the Subdivision lines of Tp. 27 N. R. 20 E.

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

T. J. White, *Chainman.*
Oscar W Fetters, *Chainman.*
Ralph C Sampson, *Moundman.*
~~, *Moundman.*~~
George B Seig, *Axman.*
~~, *Axman.*~~
William R Carson, *Flagman.*

Subscribed and sworn to before me this 23rd day of Sept., 1910

SEAL

Van L. White
U.S. Transitman

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BOOK 2625

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

I, Van L. White U.S. Transitman, ~~United States Deputy Surveyor~~, do solemnly swear that, in pursuance of ~~a contract~~ Special Instructions received from the Commissioner of the ~~United States Surveyor General for~~ General Land Office, bearing date of the 2nd day of Oct. 1907 ~~day of~~ 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 ~~United States Surveyor~~ Commissioner of the General ~~for~~ Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed, or resurveyed all those parts or portions of the Subdivision lines of Township No. 27 North of Range No. 20 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, or resurveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey, and resurvey have been established, or re-established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the ~~United States Surveyor~~ Commissioner of the General ~~for~~ Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey and resurvey.

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 Cruces, N.M.

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, APR 25, 1914

The foregoing field notes of the survey, and resurvey of the Subdivision lines of Township No. 27 North, Range No. 20 East of the Gila and Salt River Base and Meridian, Arizona.

executed by Van L. White, U.S. Transitman, under Special Instructions from the ~~executed by~~ Commissioner of the General Land Office ~~under his contract No.~~, dated October 2, 1907 and May 15, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys, and resurveys 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.~~

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