

3218

Book "E"

4-679

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BOOK 3218

FIELD NOTES

OF THE RESURVEY OF

Portions of the East boundaries of

TOWNSHIPS 23 AND 24 NORTH, RANGE 9 EAST.

and SURVEY of

North and South boundaries, and

Subdivision lines of

TOWNSHIP 23 NORTH, RANGE 10 EAST.

Of the Gila and Meridian,

In the State of

EXECUTED BY

Thomas B. Matthews, U. S. Surveyor,

and

Jos. C. Clark, U. S. Transitman,

In the capacity of U. S. Surveyor, under Special Instructions dated Dec. 17, 191 5

issued by the United States Surveyor General to govern surveys included in Group

No. 68, which were approved by the Commissioner of the General Land

Office, Jan. 7, 1916, and Assignment Instructions dated Feb. 3, 1916

Resurvey and Survey commenced March 14, 191 6.

Resurvey and Survey completed March 27, 191 6.

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(1A)

3218
Book "E"

Group 68 - - - Arizona.

BOOK 3218

INDEX DIAGRAM.

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T. 23 N. - R. 10 E.

- Lines surveyed under this group, notes in this book. 3218
- - - Lines resurveyed under this group, notes in this book. 3218 Book.
- Lines surveyed under this group, notes in Book "C." 3216
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Survey of North and South Boundaries of T. 23 N., R. 10 E.
 Resurvey of Portions of East Bdy. of T. 23 N., R. 9 E.
 Survey of Subdivision of T. 23 N., R. 10 E.

10

Chains

Work executed by Thomas B. Matthews, U. S. Surveyor, and Jos. C. Clark, U. S. Transitman, using a Buff and Buff light mountain transit No. 10124 and Young and Sons light mountain transit No. 8535 respectively, on the dates shown on the diagram on page 42 of this book.

For description of instruments see beginning of notes in Books "A" and "B".

From recent and repeated field tests of the transits and solar attachments on a meridian established by observations on Polaris they are known to be in satisfactory adjustment. Throughout the survey of this township, frequent tests of the solar attachments were made to assure their accuracy.

South Bdy. of T. 23 N., R. 10 E.

From the cor. of Ts. 22 and 23 N., Rs. 10 and 11 E. cor. of Ts. 22 and 23 N., R. 11 E., described in Book "C", West bet. secs. 1 and 36.

Over rolling mountainous land, through scattering undergrowth.

- 21.70 Asc. SE. slope of peak, 192 ft. to
- 40.00 Top of peak. Desc. SW. slope 256 ft. to
- Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 36
 S 1
 1916

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

- 42.00 Desc. 23 ft.
- Old lava flow course S.
- 45.00 Head of draw, course S. Asc. SE. slope, 201 ft. to
- 70.00 Spur slopes S. for about 6 chs. dist. Desc. along SW. slope, 40 ft. to
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, mkd. on brass cap

T23N R10E.
 S35 | S36
 S 2 | S 1
 T22N
 1916

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

Land, rolling mountainous.
 Soil, volcanic ash, and lava rock.
 No timber.
 Undergrowth, scattering mountain rush and rabbit brush.
 Fair grass.
 E. 22 chs. drains E. W. 58 chs. drains S.

West bet. secs. 2 and 35.
 Over rolling mountainous land, through scattering undergrowth.

- 15.00 Desc. SW. slope 256 ft.
- Toe of slope brs. NW. and SE. Thence over gently rolling land, sloping W.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

2 Survey of South Bay of T. 23 N. R. 10 E.

Chains

1/4 S 35
S 2
1916

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.

80.00

Thence over level land.

Set an iron post, (in basin) 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, mkd. on brass cap

T23N R10E
S34 | S35
S 3 | S 2
T22N
1916

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

Land, rolling and mountainous.

Soil, volcanic ash on surface, dark moist loam 26 ins. deep; volcanic formation.

No timber.

Undergrowth, scattering rabbit brush.

Good grass.

35.90

West bet. secs. 3 and 34.

Over level land, through scattering undergrowth.

Road brs. N. 20° E. and S. 20° W. from Roden Springs to Flagstaff. Asc. gentle E. slope.

40.00

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

1/4 S 34
S 3
1916

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.

80.00

Asc. 183 ft.

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, mkd. on brass cap

T23N R10E
S33 | S34
S 4 | S 3
T22N
1916

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

Land, rolling mountainous and level.

Soil, dark loam, coarse texture, gravelly and rocky. W. half mile, lava formation; dark loam, 2 ft. deep, E.

No timber.

Undergrowth, scattering rabbit brush. 1/2 mile.

Good grass.

Drainage E.

21.15

West bet. secs. 4 and 33.

Over rolling mountainous land, through scattering timber and undergrowth.

Asc. 386 ft. to

Top of short ridge brs. N. 70° W. and S. 20° E. Desc. SW. slope.

Survey of South bdy. of Township 23 North, Range 10 East.

Chains.

40.00 Descend 163 ft. to
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 33
S 4
1916

from which,
A cedar, 9 ins. in diam., brs. N. 13° E., 145 lks. dist., marked $\frac{1}{4}$ S 33 B T.
A pinyon, 4 ins. in diam., brs. S. 71 $\frac{1}{2}$ ° E., 136 lks. dist., marked $\frac{1}{4}$ S 4 B T.

65.00 Descend 244 ft.
Enter medium dense low cedar timber, brs. SE. and NW., and change to W. slope.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T23N R10E
S32 | S33
S 5 | S 4
T22N
1916

from which,
A pinyon, 5 ins. in diam., brs. N. 11 $\frac{3}{4}$ ° E., 102 lks. dist., marked T 23 N R 10 E S 33 B T.
A cedar, 7 ins. in diam., brs. S. 46 $\frac{1}{4}$ ° E., 57 lks. dist., marked T 22 N R 10 E S 4 B T.
A cedar, 6 ins. in diam., brs. S. 13 $\frac{3}{4}$ ° W., 108 lks. dist., marked T 22 N R 10 E S 5 B T.
A cedar, 9 ins. in diam., brs. N. 35 $\frac{1}{2}$ ° W., 227 lks. dist., marked T 23 N R 10 E S 32 B T.

Land, mountainous.
Soil, poor, gravelly loam, medium and coarse texture.
Timber, cedar and pinyon.
Undergrowth, scattering rabbit brush.
Good grass.

West, bet. secs. 5 and 32.
Over rolling land, thru dense timber and scattering undergrowth.

15.00 Descend 40 ft. to
20.00 Land, nearly level.
25.00 Swale, course NE. Thence ascend gentle SE. slope.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ S 32
S 5
1916

from which,
A cedar, 6 ins. in diam., brs. N. 25 $\frac{3}{4}$ ° E., 183 lks. dist., marked $\frac{1}{4}$ S 32 B T.
A cedar, 6 ins. in diam., brs. S. 83 $\frac{3}{4}$ ° E., 146 lks. dist., marked $\frac{1}{4}$ S 5 B T.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 31 and 32, marked on brass cap,

T23N R10E
S31 | S32
S 6 | S 5
T22N
1916

from which,
A cedar, 8 ins. in diam., brs. N. 56 $\frac{1}{2}$ ° E., 134 lks. dist., marked T 23 N R 10 E S 32 B T.
A cedar, 6 ins. in diam., brs. S. 77 $\frac{1}{2}$ ° E., 61 lks. dist., marked T 22 N R 10 E S 5 B T.

4. South boundary of Township 23 North, Range 10 East.

Chains.

A cedar, 6 ins. in diam., brs. S. 73 $\frac{3}{4}$ ° W., 59 lks.
dist., marked T 22 N R 10 E S 6 B T.

A cedar, 7 ins. in diam., brs. N. 18 $\frac{1}{2}$ ° W., 143 lks.
dist., marked T 23 N R 10 E S 31 B T.

Land, mountainous, and gently rolling.
Soil, dark gravelly loam, medium and coarse texture.
Timber, dense cedar and pinyon.
Undergrowth, scattering rabbit brush.
Good grass.

West, bet. secs. 6 and 31.
Over gently rolling land, thru dense timber and scattering
undergrowth.

Ascend gradual SE. slope.

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

$\frac{1}{4}$ S 31
S 6
1916

from which,

A cedar, 7 ins. in diam., brs. N. 33 $\frac{1}{2}$ ° W.,
81 lks. dist., marked $\frac{1}{4}$ S 31 B T.

A cedar, 6 ins. diam., brs. S. 8 $\frac{1}{2}$ ° W., 74 lks.
dist., marked $\frac{1}{4}$ S 6 B T.

100.34 Intersect E. bdy. of T. 23 N., R. 9 E., 27.12 chs. N. 0° 27' E.
of the cor. of Ts. 22 and 23 N., R. 9 E., hereinafter de-
scribed.

At the point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
the ground, for closing cor. of Ts. 22 and 23 N., R. 10 E.,
marked on brass cap,

T23N
T23N | R10E
S36 | S31 — CC
R9E | S 6
T22N
1916

from which,

A cedar, 5 ins. in diam., brs. N. 20 $\frac{1}{2}$ ° E., 119
lks. dist., marked T 23 N R 10 E S 31 CC B T.

A pinyon, 7 ins. in diam., brs. S. 38 $\frac{1}{2}$ ° E., 64 lks.
dist., marked T 22 N R 10 E S 6 CC B T.

Land, gently rolling, general drainage S.
Soil, dark loam, medium texture, 26 ins. deep.
Timber, dense cedar, pinon, and scattering yellow pine.
Undergrowth, scattering rabbit brush and buck brush.
Good grass.

Resurvey of E. bdy. of sec. 36, Township 23 N., R. 9 East. 5.

Chains.

From the original cor. of secs. 25, 30, 31 and 36, a malpais stone 6x12x5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general, South, on random line on E. bdy. of sec. 36 (N. $\frac{1}{2}$).

39.56 Fall 86 lks. W. of original $\frac{1}{4}$ sec. cor., a malpais stone 15x10x5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 36 is therefore N.1° 15' W., 39.57 chs. Thence,

40.10 South, on random line, on E. bdy. of sec. 36 (S. $\frac{1}{2}$). Fall 32 lks. E. of original cor. of Ts. 22 and 23 N., Rs. 9 and 10 E., a lava stone, 8x8x5 ins. above ground, firmly set, marked and witnessed as described by the surveyor general. All bearing trees except NE. one are dead. True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 36 is therefore N.0° 27' E., 40.10 chs. Change original Tp. cor. above described, to cor. of Ts. 22 and 23 N., R. 9 E., only, by destroying markings on the original bearing trees NE. and SE. of cor., and the original NW. and SW. bearing trees being dead, destroy markings on them, and establish new bearing trees, as follows:

On a cedar, 6 ins. in diam., bearing S.42° W., 102 lks. dist., marked T 22 N R 9 E S 1 B T., and
On a pinyon, 10 ins. in diam., bearing N.15° W., 22 lks. dist., marked T 23 N R 9 E S 36 B T.

From reestablished Tp. cor. above described, N.0° 27' E., on a true line, on E. bdy. of sec. 36 (S. $\frac{1}{2}$). Over gently rolling land, thru dense timber and scattering undergrowth.

25.00 Descend 14 ft., over E. slope. Swale, drains SE. Ascend 69 ft., over S. slope.

40.10 Intersect the original $\frac{1}{4}$ sec. cor., hereinbefore described. Change this old cor. to refer to sec. 36 only, by destroying marking on SE. bearing tree. No other change necessary. Thence

N.1° 15' W., on true line on E. bdy. of sec. 36 (N. $\frac{1}{2}$). Over mountainous land, thru dense timber and scattering undergrowth. Ascend 291 ft.

22.00 Ridge, brs. NW. and SE. Descend 157 ft.

39.57 Intersect original cor. of secs. 25, 30, 31 and 36, hereinbefore described. Change this cor. to refer to secs. 25 and 36 only by destroying marks on NE. and SE. bearing trees. No other change necessary. Land, rolling and mountainous. Soil, rocky, coarse texture. Timber, cedar and pinon. Undergrowth, rabbit brush and buck brush. Short grass.

6. Survey of North bdy. of Township 23 North, Range 10 East.

Chains.

From the cor. of Ts. 23 and 24 N., Rs. 10 and 11 E., described in Book "D,"

West, bet. secs. 1 and 36.

Over gently rolling land, thru scattering undergrowth.

15.60 Wire fence brs. NE. and SW.

20.00 Ascend 29 ft. to

25.00 Top of knoll; descend gradual 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 36
S 1
1916

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

73.80 Road brs. NE. and SW.

75.75 NW. cor. of Kellum's corral, brs. S. 10 lks. dist.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap,

T24N R10E
S35 | S36
S 2 | S 1
T23N
1916

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

Land, gently rolling. Soil, volcanic ashes and rocky

No timber. Undergrowth, scattering rabbit brush.

Fair grass.

West, bet. secs. 2 and 35.

Ascend gradual E. slope.

.30 Kellum's ranch house, brs. S. 19 1/2 ° W., 4 chs. dist. Asc. 156 ft. to

17.32 Top of rim rock, brs. N. and S. Ascend 103 ft. to

33.27 Top of ascent. Descend 17 ft. to

35.00 Thence over gently rolling slope, to

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 35
S 2
1916

and raise mound of stone, 3 ft. base, 3 ft. high, N. of cor.

Over gently rolling land.

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

T24N R10E
S34 | S35
S 3 | S 2
T23N
1916

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

Land, low rolling, mts. & nearly level. Soil, volcanic ash & rock.

No timber. Undergrowth, scattering rabbit brush. Fair grass.

West, bet. secs. 3 and 34.

Over rolling, rocky prairie land, thru scattering undergrowth.

Ascend gradual 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
S 3
1916

and raise mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.

Ascend 52 ft. to

54.97 Top of rocky ridge, brs. NE. and SW. Desc. gradual slope.

80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap,

T24N R10E
S33 | S34
S 4 | S 3
T23N
1916

and raise mound of stone, 3 ft. base, 3 ft. high, W. of cor.

Land, rolling. Soil, volcanic ash & rock. No timber.

Undergrowth, scattering rabbit brush & cedar. Fair grass.

Survey of North Bdy. of T. 23 N., R. 10 E.

7

Chains

West bet. secs. 4 and 33.
Over gently rolling prairie land.

35.00

Asc. gradual slope.

40.00

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

$$\begin{array}{r} \frac{1}{4} \text{ S } 33 \\ \text{S } 4 \\ \hline 1916 \end{array}$$

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

43.98

Top of rocky point. Desc. gradual rolling slope.

57.45

Large natural mound of rock.

80.00

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in
the ground for cor. of secs. 4, 5, 32 and 33, mkd. on
brass cap

$$\begin{array}{c} \text{T24N R10E} \\ \text{S32|S33} \\ \text{S } 5 \text{ | S } 4 \\ \text{T23N} \\ \hline 1916 \end{array}$$

from which,

A cedar, 5 ins. diam., brs. N. $44\frac{3}{4}^{\circ}$ E.
7 lks. dist.; mkd. T 24 N R 10 E S 33 B T.

A cedar, 6 ins. diam., brs. S. $54\frac{1}{4}^{\circ}$ E.
202 lks. dist.; mkd. T 23 N R 10 E S 4 B T.

A cedar, 6 ins. diam., brs. S. $7\frac{1}{2}^{\circ}$ W.
63 lks. dist.; mkd. T 23 N R 10 E S 5 B T.

A cedar, 6 ins. diam., brs. N. $35\frac{1}{2}^{\circ}$ W.
297 lks. dist.; mkd. T.24N R 10 E S 32 B T.

Land, rolling.

Soil, volcanic ash and rock.

Timber, very scattering cedar.

Undergrowth, scattering rabbit brush.

Good grass.

West bet. secs. 5 and 32.

Over nearly level land, through scattering undergrowth,
and cedar.

20.00

Leave scattering cedar and enter grassy flat.

22.75

Wagon road brs. NW. and SE.

40.00

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

$$\begin{array}{r} \frac{1}{4} \text{ S } 32 \\ \text{S } 5 \\ \hline 1916 \end{array}$$

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

80.00

Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in th
ground, for cor. of secs. 5, 6, 31 and 32, mkd. on
brass cap

$$\begin{array}{c} \text{T24N R10E} \\ \text{S31|S32} \\ \text{S } 6 \text{ | S } 5 \\ \text{T23N} \\ \hline 1916 \end{array}$$

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

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Survey of North Bdy. of T. 23 N., R. 10 E.

Chains

Land, nearly level.
Soil, coarse gravel, 24 ins. deep.
Timber, scattering cedar.
Undergrowth, scattering rabbit brush.
Good grass.

West bet. secs. 6 and 31.
Over gently rolling prairie, through scattering timber and undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 31
 $\frac{1}{4}$ S 6
1916

from which,
A cedar, 4 ins. diam., brs. N. $41\frac{1}{2}^\circ$ W.
103 lks. dist.; mkd. $\frac{1}{4}$ S 31 B T.
A cedar, 6 ins. diam., brs. S. $27\frac{1}{2}^\circ$ E.
377 lks. dist.; mkd. $\frac{1}{4}$ S 6 B T.
101.05 Intersect E. bdy. of T. 24 N., R. 9 E., 11.38 chs. S. 0° 4' E. of ~~reestablished~~ $\frac{1}{4}$ sec. cor. of secs. 36 and 36, hereinafter described.
At the point of intersection
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for closing cor. of Ts. 23 and 24 N., R. 10 E., mkd. on brass cap

T24N
T24N | R10E
S36 | S31 CC
R 9E | T23N
1916

from which,
A cedar, 10 ins. diam., brs. N. $52\frac{3}{4}^\circ$ E.
129 lks. dist.; mkd. T 24 N R 10 E S 31 C C B T.
A cedar, 12 ins. diam., brs. S. 53° E.
129 lks. dist.; mkd. T 23 N R 10 E S 6 C C B T.

Land, gently rolling, almost level.
Soil, coarse gravel and volcanic ash.
Timber, scattering cedar in W. half.
Undergrowth, scattering rabbit brush.
Good grass.

Resurvey of South $\frac{1}{2}$ of E. Bdy. Sec. 36, T. 24 N., R. 9 E.

From the original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is a malpais stone, 8 X 8 X 6 ins. above ground, firmly set, mkd. and witnessed as described by the Surveyor General,
39.95 South on a random line along E. bdy. of sec. 36, (S. half) Fall 5 lks. W. of the original cor. of Ts. 23 and 24 N., Rs. 9 and 10 E., which is a malpais stone, 8 X 12 X 8 ins. above ground, firmly set, mkd. and witnessed as described by the Surveyor General.
Reestablish this cor., making it the cor. of Ts. 23 and 24 N., R. 9 E. only by obliterating marks on E. edge of stone and marks on bearing trees E. of line.
Thence
N. 0° 4' W. on true line on E. bdy. of sec. 36, (S. half).

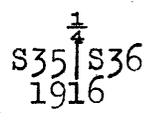
Resurvey of Portion of E. Bdy. Sec. 36, T. 24 N., R. 9 E. 9

Chains

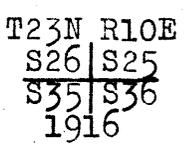
39.95 Over level land, through scattering timber and undergrowth. Intersect original $\frac{1}{4}$ sec. cor., hereinbefore described. Change this old cor. to refer to sec. 36 only, by destroying mark-
 going on SE. bearing tree.
 Land, level.
 Soil, sandy loam and rocky. Timber, scattering cedar.
 Undergrowth, scattering cedar.
 Short grass.

Subdivision of T. 23 N., R. 10 E.

From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., hereinbefore described,
 N. 0° 1' W. bet. secs. 35 and 36.
 Asc. S. slope of mountainous land, 760 ft. through scattering undergrowth.
 22.80 Rim of old crater brs. NW. and SE. Desc. NE. slope into crater, 155 ft. to
 31.90 Bottom of crater brs. E. 500 lks. dist. and about 80 ft. below line at this point. Crater is elliptical shape extending W. about 7 chs. and E. about 12 chs. dist.
 Asc. 177 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

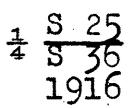


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Asc. 25 ft. to
 41.50 Rim of old crater brs. SW. and N. 70° E. Desc. abrupt NW. slope, 879 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, mkd. on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, poor, gravelly lava, 26 ins. deep.
 No timber.
 Undergrowth, scattering rabbit brush and mountain rush.
 Good grass.

40.00 East on a random line bet. secs. 25 and 36. Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect E. bdy. of Tp., 11 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in Book "D".
 Thence
 N. 89° 55' W. on a true line bet. secs. 25 and 36.
 Over mountainous land.
 Asc. NE. slope, 264 ft. to
 39.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



10

Subdivision of T. 23 N., R. 10 E.

Chains

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 Asc. 43 ft. to
 48.00 Spur slopes NE. Desc. NW. slope
 377 ft. to
 79.92 The cor. of secs. 25, 26, 35 and 36.
 Land, mountainous.
 Soil, poor, gravelly loam.
 No timber.
 No undergrowth.
 Good grass.

N. 0° 1' W. bet. secs. 25 and 26.
 Desc. rolling N. slope, 142 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S26 | S25
 1916

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Desc. 184 ft. to
 60.00 Foot of slope brs. NE. and SW. Thence over nearly level
 land. Cross swale course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 23, 24, 25 and 26, mkd. on
 brass cap

T23N R10E
 S23 | S24
 S26 | S25
 1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.;
 and raise a mound of earth, 4 ft. base, 2 ft. high,
 W. of cor.
 Land, rolling mountainous and nearly level.
 Soil, dark, gravelly loam, coarse texture.
 Timber, none.
 No undergrowth.
 Good grass.

East on a random line bet. secs. 24 and 25.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect E. bdy. of Tp., 11 lks. N. of cor. of secs.
 19, 24, 25 and 30, described in Book "D".

Thence
 N. 89° 55' W. on a true line bet. secs. 24 and 25.
 Asc. gradual NE. slope.
 25.00 Spur slopes NE. Desc. gradual slope.
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 24
 S 25
 1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 Desc. NW. slope, 86 ft. to
 51.00 Thence over nearly level land.
 79.94 The cor. of secs. 23, 24, 25 and 26.

Subdivision of T. 23 N., R. 10 E.

Chains

Land, rolling and mountainous.
Soil, dark loam, medium coarse texture with clay subsoil.
No timber.
No undergrowth.
Good grass.

29.00 N. 0° 1' W. bet. secs. 23 and 24.
Over nearly level land, through scattering undergrowth.
30.00 Road brs. NE. and SW. to Roden Springs.
Asc. 70 ft. over SE slope.
35.00 Rim-rock brs. SW. and NE. Thence over level mesa.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for 1/4 sec. cor., mkd. on brass cap

1
S23 | S24
1916

80.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
high, W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 13, 14, 23 and 24, mkd. on
brass cap

T23N R10E
S14 | S13
S23 | S24
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
W. of cor.
Land, gently rolling and level.
Soil, poor, dark loam, gravelly and rocky, 26 ins. deep.
No timber.
Undergrowth, scattering rabbit brush and schadscale.
Good grass.

40.00 East on a random line bet. secs. 13 and 24.
79.96 Set temp. 1/4 sec. cor.
Intersect E. bdy. of Tp., 10 lks. N. of cor. of secs.
13, 18, 19 and 24, described in Book "D".

Thence
N. 89° 56' W. on a true line bet. secs. 13 and 24.
Over gently rolling land, through scattering undergrowth.
38.30 Road brs. NE. to Roden Springs and SW. to Flagstaff.
39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 13
S 24
1916

55.00 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
68.50 dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
high, N. of cor.
Asc. 111 ft. to
Edge of rim-rock brs. N. and S. Thence over nearly level
land.
79.96 The cor. of secs. 13, 14, 23 and 24.
Land, level and rolling.
Soil, dark sandy loam, medium coarse texture, surface
covered with lava gravel.
No timber.
Undergrowth, scattering rabbit brush.
Good grass.

12

Subdivision of T. 23 N., R. 10 E.

Chains

N. 0° 1' W. bet. secs. 13 and 14.
Over level mesa, through scattering undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S14 | S13
1916

and raise a mound of stone, 3 ft. base, 2 ft. high,
W. of cor.
58.50 Rim-rock at edge of mesa brs. NW. and SE. Desc. gradual
N. slope, 68 ft. to
67.50 Draw, course NE. Thence along gentle E. slope.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 11, 12, 13 and 14, mkd. on
brass cap

T23N R10E
S11 | S12
S14 | S13
1916

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft.
dist.; and raise a mound of earth, 4 ft. base, 2 ft.
high, W. of cor.
Land, gently rolling.
Soil, dark loam, gravelly, 26 ins. deep to hardpan.
No timber.
Undergrowth, rabbit brush.
Good grass.

40.00 East on a random line bet. secs. 12 and 13.
Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect E. bdy. of Tp., 12 lks. N. of cor. of secs. 7,
12, 13 and 18, described in Book "D".
Thence
N. 89° 55' W. on a true line bet. secs. 12 and 13.
17.76 Over rolling land, through scattering undergrowth.
Road brs. N. 10° W. to Roden Springs and S. 10° E. to
Flagstaff.
Asc. gradual slope.
25.00 Asc. 40 ft. to
39.98 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the
ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd.
on brass cap

$\frac{1}{4}$ S 12
S 13
1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
43.10 Prehistoric indian ruins on line.
55.00 Desc. gentle NW. slope.
75.00 Draw, course NE.
79.96 The cor. of secs. 11, 12, 13 and 14.
Land, rolling.
Soil, dark loam, gravelly, 26 ins. deep, to hardpan.
No timber.
Undergrowth, rabbit brush.
Good grass.

40.00 N. 0° 1' W. bet. secs. 11 and 12.
Over nearly level land, through dense undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

Subdivision of T. 23 N., R. 10 E.

Chains

$\frac{1}{4}$
S11 | S12
1916

80.00 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, mkd. on brass cap

T23N R10E
S 2 | S 1
S11 | S12
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, gently rolling, almost level.
Soil, volcanic black cinders on surface, dark gravelly loam, 14 ins. deep to clay subsoil.
No timber.
Undergrowth, dense rabbit brush.
Good grass.

40.00 East on a random line bet. secs. 1 and 12.
79.92 Set temp. ¼ sec. cor.
Intersect E. bdy. of Tp., 9 lks. N. of cor. of secs. 1, 6, 7 and 12, described in Book "D".

Thence
N. 89° 56' W. on a true line bet. secs. 1 and 12.
Over nearly level land, though dense rabbit brush.
39.96 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for ¼ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 1
S 12
1916

62.20 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
79.92 Road brs. NW. to Roden Springs and SE. to Flagstaff.
The cor. of secs. 1, 2, 11 and 12.
Land, gently rolling, almost level.
Soil, poor, gravelly and rocky lava, 10 ins. to 24 ins. deep.
No timber.
Undergrowth, dense rabbit brush.
Good grass.

40.00 N. 0° 1' W. on a random line bet. secs. 1 and 2.
79.87 Set temp. ¼ sec. cor.
Intersect N. bdy. of Tp., 16 lks. W. of cor. of secs. 1, 2, 35 and 36, hereinbefore described.

Thence
S. 0° 6' W. on a true line bet. secs. 1 and 2.
Over almost level land, through dense rabbit brush.
4.17 Fence brs. NE. and SW.
4.57 SE. cor. of stone house 23 X 33 ft. belonging to Jos. Kellam, brs. W. 146 lks. dist.
4.97 Wire fence brs. NW. and SE.
7.87 SW. cor. of corral 150 X 150 ft. brs. E. 150 lks. dist.
12.47 Spring brs. W. 4.00 chs. dist., course E.
12.70 Wire fence brs. E. and W. NW. cor. of log building 12 X 15 ft. brs. E. 25 lks. dist.

14

Subdivision of T. 23 N., R. 10 E.

Chains
39.87

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

$\frac{1}{4}$
 S 2 | S 1
 1916

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

79.87

Asc. gradual slope.
The cor. of secs. 1, 2, 11 and 12.
Land, gently rolling.
Soil, dark brown gravelly loam, 26 ins. deep to hardpan.
No timber.
Undergrowth, dense rabbit brush.
Good grass.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp., hereinbefore described,

N. $0^{\circ} 1'$ W. bet. secs. 34 and 35.

Over level land, through scattering rabbit brush.

10.00

Leave level land; asc. S. slope of old crater, 270 ft. to

22.20

Rim of crater brs. N. 60° W. and S. 60° E. Desc. NE. slope 217 ft. to

32.40

Bottom of crater extends N. 60° W. 30 chs. dist. and S. 60° E. 10 chs. dist. Asc. S. slope, 100 ft. to

40.00

Set an iron post, 3 ft. long, 1 in. diam., on surface rock, 26 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S34 | S35
 1916

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

43.80

Asc. 34 ft. to Rim of crater brs. W. and SE. Desc. N. slope, 153 ft. to

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, mkd. on brass cap

T23N R10E
 S27 | S26
 S34 | S35
 1916

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

Land, mountainous. and level.

Soil, volcanic cinders on surface, dark gravelly clay loam 26 ins. deep.

No timber.

Undergrowth, dense rabbit brush and mountain rush.

Good grass.

40.00

East on a random line bet. secs. 26 and 35.

80.02

Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 12 lks. S. of cor. of secs. 25, 26, 35 and 36.

Thence

S. $89^{\circ} 55'$ W. on a true line bet. secs. 26 and 35.

Over mountainous land, through scattering rabbit brush.

Desc. W. slope, 277 ft. to

20.00

Foot of slope brs. NE. and SW. Thence over nearly level land.

Subdivision of T. 23 N., R. 10 E.

Chains

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

1/4 S 26
S 35
1916

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

80.02 The cor. of secs. 26, 27, 34 and 35.
Land, rolling mountainous and level.
Soil, coarse gravelly loam, 26 ins. deep.
No timber.
Undergrowth, scattering rabbit brush.
Good grass.

N. 0° 1' W. bet. secs. 26 and 27.

Over rolling land, through scattering rabbit brush.

20.00 Wire fenced corral brs. W. about 15 chs. dist.

29.60 Road brs. NE. to Roden Springs and SW. to Flagstaff.

33.00 Draw, course NE. Asc. gradual S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap

1/4 S27 | S26
1916

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

Asc. gradual slope.

62.00 Spur slopes SE. Thence asc. along E. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, mkd. on brass cap

from which
A cedar, 12 ins. diam., bears
T23N R10E
S22 | S23
S27 | S26
1916

S. 22 1/2° E., 437 lks. dist., marked T 23 N R 10 E S 26 R.T.
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. No other trees available.

Land, rolling and rolling mountainous, draining NE.

Soil, coarse gravelly loam, 26 ins. deep; volcanic origin.

Timber, scattering cedars.

Undergrowth, scattering rabbit brush.

Good grass.

Lava formation.

East on a random line bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line, 11 lks. S. of cor. of secs. 23, 24, 25 and 26.

Thence

S. 89° 55' W. on a true line bet. secs. 23 and 26.

Over rolling land, through dense rabbit brush.

31.66 Road brs. NE. to Roden Springs and SW. to Flagstaff.

34.96 Asc. 38 ft. to

38.15 Rim-rock brs. N. and S. Thence over gently rolling land.

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

1/4 S 23
S 26
1916

16

Subdivision of T. 23 N., R. 10 E.

Chains

79.96 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 Asc. gradual E. slope, 97 ft. to
 The cor. of secs. 22, 23, 26 and 27.
 Land, rolling.
 Soil, coarse gravelly loam, volcanic origin, 26 ins. deep.
 No timber.
 Undergrowth, dense short rabbit brush.
 Good grass.

17.20 N. 0° 1' W. bet. secs. 22 and 23.
 Over rolling mountainous land, through scattering rabbit brush.
 Asc. SE. slope, 137 ft. to
 Spur slopes E.; 10 chs. W. to top of hill. Desc. NE. slope, 202 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \hline S22 | S23 \\ \hline 1916 \end{array}$$

45.00 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.
 Desc. 17 ft. to
 Bottom of slope. Asc. gradual slope.
 70.00 Edge of rough rolling lava land.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, mkd. on brass cap

$$\begin{array}{c} T23N R10E \\ \hline S15 | S14 \\ \hline S22 | S23 \\ \hline 1916 \end{array}$$

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling mountainous.
 Soil, coarse gravelly loam, moist; volcanic origin.
 No timber.
 Undergrowth, dense short rabbit brush.
 Good grass..

40.00 East on a random line bet. secs. 14 and 23.
 Set temp. ¼ sec. cor.
 79.90 Intersect N. and S. line, 3 lks. S. of cor. of secs. 13, 14, 23 and 24.

Thence
 S. 89° 59' W. on a true line bet. secs. 14 and 23.
 Over rolling land, through dense rabbit brush.
 39.95 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

$$\begin{array}{c} \frac{1}{4} S 14 \\ \hline S 23 \\ \hline 1916 \end{array}$$

45.00 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 Over rough rolling bench land; brs. SW. and NE.
 79.90 The cor. of secs. 14, 15, 22 and 23.
 Land, rolling.
 Soil, coarse gravelly loam, volcanic origin.

Subdivision of T. 23 N. R. 10 E.

Chains

No timber.
Undergrowth, dense rabbit brush.
Good grass.

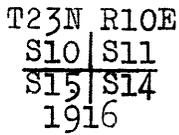
40.00 N. 0° 1' W. bet. secs. 14 and 15.
Over gently rolling bench land, through rabbit brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap



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

80.00 Leave bench land; thence over gradual NE. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, mkd. on brass cap



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

Land, rolling.
Soil, coarse gravelly loam, moist, volcanic origin, 26 ins. deep.

No timber.
Undergrowth, rabbit brush.
Good grass.

40.00 East on a random line bet. secs. 11 and 14.
79.82 Set temp. 1/4 sec. cor.

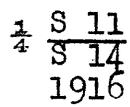
Intersect N. and S. line, 2 lks. S. of cor. of secs. 11, 12, 13 and 14.

Thence S. 89° 59' W. on a true line bet. secs. 11 and 14.

Over rolling mountainous land, through dense rabbit brush.

15.10 Asc. E. slope, 131 ft. to edge of mesa brs. NW. and SE. Thence over gently rolling mesa.

39.91 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, for 1/4 sec. cor., mkd. on brass cap



41.80 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. leave mesa.

49.80 Rim-rock brs. NE. and SW.; Desc. 57 ft. to swale course NE. Asc. gradual slope, 52 ft. to

79.82 The cor. of secs. 10, 11, 14 and 15.

Land, rolling and broken, general NE. drainage.
Soil, coarse gravelly and rocky loam; volcanic origin, 26 ins. deep.

No timber.
Undergrowth, dense rabbit brush. and shadscale.
Good grass.

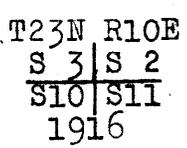
Lava formation.

Chains

N. 0° 1' W. bet. secs. 10 and 11.
 Over rolling land, through scattering rabbit brush.
 18.90 Old road brs. NE. to Roden Springs and SW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



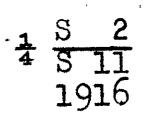
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Asc. gradual slope.
 41.00 Rim-rock brs. NE. and SW. Thence over mesa.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 2, 3, 10 and 11, mkd. on
 brass cap



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling and level.
 Soil, fair, dark loam, coarse and rocky texture, 26 ins.
 deep.
 Timber, none.
 Undergrowth, rabbit brush and shadscale.
 Fair grass.
 Lava formation. S. 40 chs. drains NE.

40.00 East on a random line bet. secs. 2 and 11.
 79.86 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. bdy. of Tp., at the cor. of secs. 1, 2, 11
 and 12.

Thence
 West on a true line bet. secs. 2 and 11.
 Over rolling land, through rabbit brush.
 10.26 Old road brs. SW. and NE. to Roden Springs.
 14.90 Asc. E. slope, 228 ft. to
 32.40 Edge of mesa brs. NE. and S.
 39.93 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor.
 79.86 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling and level.
 Soil, dark loam, coarse and rocky texture, 26 ins. deep.
 No timber.
 Undergrowth, rabbit brush and shadscale.
 Fair grass.
 Drainage E.

40.00 N. 0° 1' W. on a random line bet. secs. 2 and 3.
 79.80 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. bdy. of Tp., 9 lks. E. of cor. of secs.
 2, 3, 34 and 35, hereinbefore described.
 Thence
 S. 0° 5' E. on a true line bet. secs. 2 and 3.
 Over rolling land, through scattering rabbit brush.

Subdivision of T. 23 N., R. 10 E.

Chains

15.80
39.80

Asc. 52 ft. to Rocky knoll. Desc. 23 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 3¹/₄ S 2
1916

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

41.80
79.80

Prehistoric ruins on line.
The cor. of secs. 2, 3, 10 and 11.
Land, rolling, on top of mesa.
Soil, poor dark loam, coarse and rocky texture, 26 ins. deep.
No timber.
Undergrowth, scattering rabbit brush and shadscale.
Fair grass.
Lava formation.

40.00

From the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp., hereinbefore described,
N. 0° 2' W. bet. secs. 33 and 34.

Over rolling mountainous land, through scattering rabbit brush.

Desc. NE. slope, 193 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 33¹/₄ S 34
1916

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

50.00
80.00

Thence over gently rolling sloping NE.
Swale course NE.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, mkd. on brass cap

T23N R10E
S28 | S27
S33 | S34
1916

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

Land, rolling mountainous, S. $\frac{1}{2}$ mile; rolling, N. $\frac{1}{2}$ mile.
Soil, coarse gravelly loam, 26 ins. deep.
Timber, a few scattering cedars.
Undergrowth, scattering rabbit brush.
Good grass.
Lava formation. Drainage NE.

40.00
80.10

East on a random line bet. secs. 27 and 34.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 3 lks. S. of cor. of secs. 26, 27, 34 and 35.

Thence
S. 89° 59' W. on a true line bet. secs. 27 and 34.
Over rolling land, through scattering rabbit brush. Springs.
Swale course NE. Road brs. NE. and SW. Flagstaff to Roden
Road brs. N. to Black Falls and S. to Flagstaff.

25.40
36.95
40.05

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

20

Subdivision of T. 23 N., R. 10 E.

Chains

mkd. on brass cap

$\frac{1}{4}$ S 27
S 34
1916

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

80.10 The cor. of secs. 27, 28, 33 and 34.

Land, rolling.
Soil, dark, gravelly loam.
No timber.
Undergrowth, scattering rabbit brush.
Fair grass.

N. 0° 2' W. bet. secs. 27 and 28.

Over gently rolling land, through scattering undergrowth. Asc. gradual SE. slope.

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

$\frac{1}{4}$
S28 | S27
1916

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

65.00 Low spur slopes E. Desc. gradual NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, mkd. on brass cap

T23N R10E
S21 | S22
S28 | S27
1916

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

Land, rolling.
Soil, dark gravelly and rocky loam.
No timber.
Undergrowth, scattering rabbit brush.
Fair grass.

East on a random line bet. secs. 22 and 27.

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

80.16 Intersect N. and S. line, 1 lk. S. of cor. of secs. 22, 23, 26 and 27,

Thence

West on a true line bet. secs. 22 and 27.

Over rolling land, through scattering undergrowth.

Asc. SE. slope, 69 ft. to

20.15 Spur slopes SW. for 25 chs. dist.; Desc. 74 ft. to

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

$\frac{1}{4}$ S 22
S 27
1916

Subdivision of T. 23 N., R. 10 E.

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.
Desc. gradual slope, 40 ft.
Bottom in basin. Ascend E. slope.
Road brs. NW. to Black Falls and SE. to Flagstaff.
The cor. of secs. 21, 22, 27 and 28.
Land, rolling.
Soil, gravelly and rocky loam, coarse texture.
No timber.
Undergrowth, scattering rabbit brush.
Good grass.

55.00
55.35
80.16

N. 0° 2' W. bet. secs. 21 and 22.
Over rolling land, through scattering undergrowth.
Desc. gentle NE. slope, 46 ft. to
Swale course N. 60° E. to basin. Asc. gradual slope.
Road brs. NW. to Black Falls and SE. to Flagstaff.
Enter rough rolling lava land or mesa brs. NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground, in a mound of stone, for ¼ sec. cor., mkd. on
brass cap

15.00
16.30
25.00
40.00

$\frac{1}{4}$
 S21 | S22
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 15, 16, 21 and 22, mkd. on
brass cap

80;00

T23 N R10E
 S16 | S15
 S21 | S22
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, rolling.
Soil, N. 60 chs., gravelly and rocky, 26 ins. deep; re-
mainder dark loam, coarse texture.
No timber.
Undergrowth, scattering rabbit brush.
Fair grass.

East on a random line bet. secs. 15 and 22.
Set temp. ¼ sec. cor.
Intersect N. and S. line, 3 lks. S. of cor. of secs. 14, 15,
22 and 23.

40.00
80.18

Thence
S. 89° 59' W. on a true line bet. secs. 15 and 22.
Over nearly level land, through scattering rabbit brush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., mkd. on brass cap

40.09

$\frac{1}{4}$ S 15
 $\frac{1}{4}$ S 22
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.
The cor. of secs. 15, 16, 21 and 22.
Land, nearly level, lava formation.
Soil, gravelly and rocky.
No timber. -- Undergrowth, scattering rabbit brush.
Fair grass.

80.18

Chains

N. 0° 2' W. bet. secs. 15 and 16.
Over rolling lava covered land, through scattering rabbit brush.

34.00 Foot of lavas or mesa brs. NE. and SW. Thence over gently rolling land.

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

1/4
S16 | S15
1916

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

55.00 Swale course NE.

60.45 Wire fence brs. SW. and NE.

67.10 Road brs. SW. and NE.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, mkd. on brass cap.

T23N R10E
S 9 | S10
S16 | S15
1916

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

Land, rolling.

Soil, S. half, poor, gravelly and rocky; remainder, dark loam, gravelly, coarse texture, 24 ins. deep.

No timber.

Undergrowth, rabbit brush.

Fair grass.

40.00 East on a random line bet. secs. 10 and 15.

80.18 Set temp. 1/4 sec. cor.

Intersect N. and S. line, 10 lks. S. of cor. of secs. 10, 11, 14 and 15.

Thence

S. 89° 56' W. on a true line bet. secs. 10 and 15.

Over rolling land, through scattering rabbit brush.

Asc. gradual slope.

32.18 Edge of lava bed or mesa brs. NW. and SE.

40.09 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

and in a mound of
stone, 1/4 S 10
S 15
1916

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

50.18 Edge of lava bed or mesa brs. NE. and SW.

54.70 Fence brs. N. 15° W. and S. 15° E. 5 chs. dist.

55.20 Swale course NE.

57.00 Road brs. SW. and NE.

80.18 The cor. of secs. 9, 10, 15 and 16.

Land, rolling, general drainage, NE.

Soil, poor, gravelly and rocky, lava formation on benches; remainder, dark coarse, gravelly loam, 24 ins. deep.

No timber.

Undergrowth, rabbit brush.

Fair grass.

Subdivision of T. 23 N., R. 10 E.

Chains

N. 0° 2' W. bet. secs. 9 and 10.
Over rolling land, through scattering timber and undergrowth.

13.30

Asc. gentle S. slope.
Wire fence brs. E. and W.

20.00

Top of ascent brs. E. and W. Thence over mesa.

40.00

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

1/4
S 9 | S 10
1916

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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cof. of secs. 3, 4, 9 and 10, mkd. on brass cap

T23N R10E
S 4 | S 3
S 9 | S 10
1916

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

Land, rolling.

Soil, fair, dark loam, coarse and rocky texture, 26 ins. deep.

Timber, few scattering cedars.

Undergrowth, scattering rabbit brush.

Good grass.

40.00

East on a random line bet. secs. 3 and 10.

80.14

Set temp. 1/4 sec. cor.
Intersect N. and S. line, 9 lks. S. of cor. of secs. 2, 3, 10 and 11.

Thence

S. 89° 56' W. on a true line bet. secs. 3 and 10.

Over nearly level land, through scattering timber and undergrowth.

40.07

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

1/4 S 3
S 10
1916

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

80.14

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

Land, nearly level.

Soil, fair, dark loam, coarse and rocky texture, 26 ins. deep.

Timber, few scattering cedars.

Undergrowth, scattering rabbit brush.

Good grass.

40.00

N. 0° 2' W. on a random line bet. secs. 3 and 4.

79.90

Set temp. 1/4 sec. cor.
Intersect N. bdy. of Tp., 3 lks. E. of cor. of secs. 3, 4, 33 and 34, hereinbefore described.

Thence

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

Over nearly level land, through scattering timber and undergrowth.

Chains
39.90

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

$\frac{1}{4}$
S 4 | S 3
1916

from which,

A cedar, 9 ins. diam., brs. S. 77° E.

110 lks. dist.; mkd. $\frac{1}{4}$ S 3 B T.

A cedar, 12 ins. diam., brs. S. 83 $\frac{1}{4}$ ° W.

552 lks. dist.; mkd. $\frac{1}{4}$ S 4 B T.

79.90

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

Land, gently rolling, nearly level.

Soil, dark loam, coarse and rocky texture, 26 ins. deep.

Timber, scattering cedar.

Undergrowth, scattering rabbit brush.

Good grass.

Lava formation.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., hereinafter described,

N. 0° 3' W. bet. secs. 32 and 33, mountainous

5.00

Over rolling land, through timber and undergrowth.

20.00

Desc. 57 ft. to \rightarrow Leave heavy timber, bears E. and W.

25.00

Swale course E. Asc. gentle S. slope, 29 ft.

40.00

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

$\frac{1}{4}$
S 32 | S 33
1916

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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, mkd. on brass cap

T 23 N R 10 E
S 29 | S 28
S 32 | S 33
1916

from which,

A cedar, 8 ins. diam., brs. S. 18 $\frac{1}{2}$ ° W.

274 lks. dist.; mkd. T 23 N R 10 E S 32 B T.

No other trees within limits.

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

Land, rolling, mountainous, draining E.

Soil, poor, dark loam, gravelly, coarse texture, 26 ins. deep.

Timber, cedar and pinyon.

Undergrowth, rabbit brush.

Good grass.

Lava formation.

40.00

East on a random line bet. secs. 28 and 33.

80.04

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

Intersect N. and S. line, 4 lks. W. of cor. of secs. 27, 28, 33 and 34.

Thence

N. 89° 58' W. on a true line bet. secs. 28 and 33.

Over rolling land, through scattering timber and undergrowth, mountainous

40.02

Asc. gradual slope, 63 ft. to

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

Subdivision of T. 23 N. R. 10 E.

Chains

1/4 S 28
S 33
1916

from which,
 A cedar, 8 ins. diam., brs. N. 55 1/4° E.
 147 lks. dist.; mkd. 1/4 S 28 B T.
 A cedar, 9 ins. diam., brs. S. 79° E.
 71 lks. dist.; mkd. 1/4 S 33 B T.

80.04 The cor. of secs. 28, 29, 32 and 33.
 Land, gently rolling.
 Soil, poor, dark loam, gravelly, coarse texture, 26 ins. deep.
 Timber, scattering cedar and pinyon.
 Undergrowth, scattering rabbit brush.
 Good grass.
 Drainage E.

N. 0° 3' W. bet. secs. 28 and 29.
 Over gently rolling land, through scattering timber and undergrowth.

10.00 Low saddle brs. NE. and SW. Desc. gentle N. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 28
S 29 | S 28
1916

from which,
 A cedar, 6 ins. diam., brs. N. 72 1/2° E.
 78 lks. dist.; mkd. 1/4 S 28 B T.
 A cedar, 7 ins. diam., brs. N. 31° W.
 136 lks. dist.; mkd. 1/4 S 29 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, mkd. on brass cap

T23N R10E
S20 | S21
S29 | S28
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, rolling.
 Soil, gravelly, dark loam, coarse texture, 26 ins. deep.
 Timber, scattering cedar.
 Undergrowth, rabbit brush.
 Good grass.

East on a random line bet. secs. 21 and 28.
 40.00 Set temp. 1/4 sec. cor.
 80.02 Intersect N. and S. line, 2 lks. S. of cor. of secs. 21, 22, 27 and 28,
 Thence
 S. 89° 59' W. on a true line bet. secs. 21 and 28.
 Over rolling land, through scattering timber and undergrowth.

4.00 Top of low spur slopes NE. about 5 chs. dist.
 Desc. very gradual slope.

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

1/4 S 21
S 28
1916

26

Subdivision of T. 23 N., R. 10 E.

Chains

- from which,
 A cedar, 6 ins. diam., brs. N. $54\frac{1}{4}^{\circ}$ W.
 189 lks. dist. mkd. $\frac{1}{4}$ S 21 B T.
 A cedar, 9 ins. diam., brs. S. $26\frac{1}{4}^{\circ}$ W.
 45 lks. dist.; mkd. $\frac{1}{4}$ S 28 B T.
- 80.02 The cor. of secs. 20, 21, 28 and 29.
 Land, gently rolling.
 Soil, gravelly, dark loam, coarse texture, 26 ins. deep.
 Timber, scattering cedar.
 Undergrowth, rabbit brush.
 Good grass.
-
- N. $0^{\circ} 3'$ W. bet. secs. 20 and 21.
 Over rolling land, through scattering timber and undergrowth.
- 5.00 Swale course E. Asc. SE. slope, 44 ft. to
 12.50 Lava outcropping brs. E. and W. Thence over rolling lava land.
 35.00 Leave rolling lava land, brs. E. and W. Thence over nearly level land.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap
- $\frac{1}{4}$
 S20 | S21
 1916
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, mkd. on brass cap
- T23N R10E
 S17 | S16
 S20 | S21
 1916
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, gently rolling.
 Soil, 1st half mile, poor, gravelly and rocky; remainder, gravelly dark loam, coarse texture, 26 ins. deep.
 Timber, scattering cedar.
 Undergrowth, rabbit brush.
 Good grass.
-
- 40.00 East on a random line bet. secs. 16 and 21.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 1 lk. N. of cor. of secs. 15, 16, 21 and 22.
 Thence
 West on a true line bet. secs. 16 and 21.
 Over gently rolling land,
- 20.00 Over **lava bed.**
 Top of rolling lava mesa brs. NE. and SW. Desc. NW. slope of bench.
- 25.00 Thence over nearly level land.
 32.36 Road brs. NW. to Black Falls and SE. to Flagstaff.
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 16
 S 21
 1916

Subdivision of T. 23 N., R. 10 E

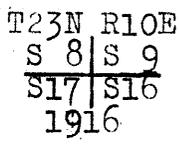
Chains

80.06 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 The cor. of secs. 16, 17, 20 and 21.
 Land, rolling.
 Soil, poor, dark loam, volcanic cinders on surface, coarse texture and rocky, 26 ins. deep.
 No timber.
 Undergrowth, scattering rabbit brush.
 Good grass.

40.00 N. 0° 3' W. bet. secs. 16 and 17.
 Over gently rolling land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap



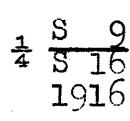
80.00 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, mkd. on brass cap



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, prairie, gently rolling.
 Soil, fair, dark loam, medium and coarse texture, 26 ins. deep.
 No timber.
 Undergrowth, scattering rabbit brush. and shadscale.
 Good grass.
 Drainage E.

40.00 East on a random line bet. secs. 9 and 16.
 80.06 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 2 lks. S. of cor. of secs. 9, 10, 15 and 16.

Thence
 S. 89° 59' W. on a true line bet. secs. 9 and 16.
 Over rolling land, through scattering undergrowth.
 Asc. gradual slope, 86 ft.
 12.50 Wire fence brs. N. and S.
 25.05 Low divide brs. NE. and SW. Desc. gradual slope.
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

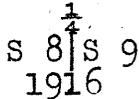


59.00 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
 Road brs. N. 20° W. to Black Falls and S. 20° E. to Flagstaff.
 80.06 The cor. of secs. 8, 9, 16 and 17.
 Land, rolling prairie.
 Soil, fair, dark loam, medium and coarse texture, 26 ins. deep.

Chains

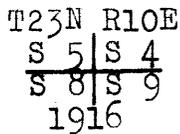
No timber.
Undergrowth, scattering rabbit brush.
Good grass.
Drainage E. Outcroppings of lava formation.

40.00 N. 0° 3' W. bet. secs. 8 and 9.
Over gently rolling prairie land, through scattering cedar and undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap



71.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.
Wagon road parallels line to E., brs. N. and SE. (Black Falls to Flagstaff).

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, mkd. on brass cap



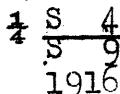
from which,
A cedar, 9 ins. diam., brs. S. 22° E.
104 lks. dist.; mkd. T 23 N R 10 E S 9 B T.

No other trees within limits.
Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling prairie.
Soil, good, dark loam, coarse texture, 26 ins. deep.
Timber, scattering cedar.
Undergrowth, scattering rabbit brush.
Good grass.

40.00 East 3' W. on a random line bet. secs. 4 and 9.
Set temp. 1/4 sec. cor.
80.12 Intersect the line bet. the cor. of secs. 3, 4, 9 and 10.

Thence
West on a true line bet. secs. 4 and 9
Over gently rolling prairie land, through scattering timber and undergrowth.

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



80.00 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.

80.12 Wagon road brs. N. to Black Falls and S. to Flagstaff.
The cor. of secs. 4, 5, 8 and 9.

Land, gently rolling prairie.
Soil, dark loam, gravelly, coarse texture, 26 ins. deep.
Timber, scattering cedar.
Undergrowth, scattering rabbit brush.
Good grass.

Chains

40.00 N. 0° 3' W. on a random line bet. secs. 4 and 5.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.94 Intersect N. bdy. of Tp., 9 lks. W. of cor. of secs.
 4, 5, 32 and 33, hereinbefore described.
 Thence
 S. 0° 1' W. on a true line bet. secs. 4 and 5.
 Over rolling land, through scattering timber and under-
 growth.
 10.00 Desc. gentle S. slope.
 20.00 Bottom brs. NE. and SW. Asc. 97 ft. to
 35.00 Mesa brs. NE. and SW.
 38.00 Prehistoric ruins on line.
 39.94 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S 5 | S 4
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 75.30 Wagon road brs. NW. to Black Falls and S. on E. side of
 line to Flagstaff. Thence parallel to road to
 79.94 The cor. of secs. 4, 5, 8 and 9.
 Land, rolling prairie.
 Soil, dark loam, coarse texture.
 Timber, scattering cedar.
 Undergrowth, scattering rabbit brush.
 Good grass.
 N. 35 chs. drains NE.; S. 45 chs. drains S.

40.00 From the cor. of secs. 5, 6, 31 and 32^{on} S. bdy. of Tp.,
 hereinbefore described,
 N. 0° 3' W. bet. secs. 31 and 32.
 Over level land, through scattering timber and undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S 31 | S 32
 1916

80.00 from which,
 A cedar, 6 ins. diam., brs. N. $7\frac{3}{4}$ ° E.
 88 lks. dist.; mkd. $\frac{1}{4}$ S 32 B T.
 A cedar, 5 ins. diam., brs. S. 50° W.
 22 lks. dist.; mkd. $\frac{1}{4}$ S 31 B T.
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for cor. of secs. 29, 30, 31 and 32, mkd. on
 brass cap

T23N R10E
 S30 | S29
 S31 | S32
 1916

from which,
 A cedar, 9 ins. diam., brs. S. 87° E.
 179 lks. dist.; mkd. T 23 N R 10 E S 32 B T.
 No other trees within limits.
 Dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.;
 and raise a mound of earth, 4 ft. base, 2 ft. high,
 W. of cor.
 Land, rolling.
 Soil, coarse texture, 26 ins. deep.
 Timber, scattering cedar.
 Undergrowth, scattering rabbit brush.
 Good grass.

30

Subdivision of T. 23 N., R. 10 E.

Chains

East on a random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.85 Intersect N. and S. line, 10 lks. S. of cor. of secs. 28, 29, 32 and 33.
 Thence
 S. $89^{\circ} 56'$ W. on a true line bet. secs. 29 and 32.
 Over rolling land, through scattering timber and undergrowth. Asc. 29 ft. to
 10.00 S. end of small knoll. Desc. 29 ft.
 15.00 Asc. gradual slope to
 17.50 Top of rocky knoll. Desc. 52 ft. to
 20.00 Thence over gently rolling land.
 39.92 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \text{ S } 29 \\ \frac{1}{4} \text{ S } 32 \\ \hline 1916 \end{array}$$

from which,

A pinyon, 4 ins. diam., brs. N. $7\frac{1}{4}^{\circ}$ W.
 225 lks. dist.; mkd. $\frac{1}{4}$ S 29 B T.

A cedar, 10 ins. diam., brs. S. $3\frac{3}{4}^{\circ}$ E.
 207 lks. dist.; mkd. $\frac{1}{4}$ S 32 B T.

Asc. 27 ft. to
 42.00 Top of rocky knoll. Desc. gradual slope.
 55.00 Asc. 58 ft. to
 66.50 Top of small knoll brs. NE. and SW. Desc. gradual slope.
 79.85 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling.
 Soil, coarse gravel and rock, 26 ins. deep.
 Timber, scattering cedar.
 Undergrowth, scattering rabbit brush.
 Good grass.

West on a true line bet. secs. 30 and 31.
 Over nearly level land, through scattering timber and undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \text{ S } 30 \\ \frac{1}{4} \text{ S } 31 \\ \hline 1916 \end{array}$$

from which,

A cedar, 6 ins. diam., brs. N. $52\frac{1}{2}^{\circ}$ E.
 190 lks. dist.; mkd. $\frac{1}{4}$ S 30 B T.

A cedar, 6 ins. diam., brs. S. $87\frac{3}{4}^{\circ}$ E.
 52 lks. dist.; mkd. $\frac{1}{4}$ S 31 B T.

Enter mountainous land; ascend 126 ft. to
 54.87 Foot of mountain brs. NW. and SE. Asc. 500 ft. to
 78.68 Top of ridge brs. NW. and SE. Desc. 262 ft. to
 100.00 Thence over gently rolling land.
 101.28 Intersect E. bdy. of T. 23 N., R. 9 E., 12.63 chs. S. $0^{\circ} 41'$ E. of the reestablished $\frac{1}{4}$ sec. cor. of sec. 25, hereinafter described.
 At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 30 and 31, mkd. on brass cap

	T23N
T23N	R10E
	S30
S25	S31 CC
R 9E	
	1916

Subdivision of Township 23 North, Range 10 East.

31.

Chains.

from which,

A pine, 12 ins. in diam., brs. N. 79 1/2° E., 103 lks. dist., marked T 23 N R 10 E S 30 C C B T.

A pine, 10 ins. diam., brs. S. 88 1/2° E., 62 lks. dist., marked T 23 N R 10 E S 31 C C B T.

Land, rolling and mountainous.

Soil, coarse, gravelly, volcanic origin.

Timber, scattering cedar and pinon.

Undergrowth, buck brush.

Fair grass.

Resurvey of portion of E. bdy. of sec. 25, T 23 N., R. 9 E.

From the original 1/4 sec. cor. of secs. 25 and 30, which is a malpais stone, 9x14x3 ins. above ground, firmly set, marked and witnessed as described by the surveyor general,

South, on a random line, on E. bdy. of sec. 25 (S. half).

39.95 Fall 5 lks. W. of the original cor. of secs. 25, 30, 31 and 36, hereinbefore described, and changed to cor. of secs. 25 and 36 only, as hereinbefore described.

Thence,

N. 0° 4' W., along E. bdy. of sec. 25 (S. half).

Over rolling and mountainous land, thru scattering timber and undergrowth.

Ascend 192 ft.

5.80 Top of knoll; descend 116 ft.

15.00 Ascend 52 ft.

20.00 Thence over rolling land.

25.00 Ascend 224 ft.

37.00 Top of ridge, brs. NW. and SE. Descend 65 ft.

39.95 Intersect original 1/4 sec. cor. of secs. 25 and 30, hereinbefore described. Change this old cor. to refer to sec. 25 only, by destroying marking on original SE. bearing tree. No other change necessary.

Land, rolling and mountainous.

Soil, coarse texture, rocky.

Timber, scattering pinon and cedar.

Undergrowth, scattering buck brush.

Fair grass.

Subdivision of Township 23 North, Range 10 East.

From cor. of secs. 29, 30, 31 and 32,

N. 0° 3' W., bet. secs. 29 and 30.

Over gently rolling land, thru scattering scrub timber.

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
S30 | S29
1916

from which,

A cedar, 5 ins. in diam., brs. N. 2° E., 435 lks. dist., marked 1/4 S 29 B T.

A cedar, 7 ins. in diam., brs. N. 74° W., 245 lks. dist., marked 1/4 S 30 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap,

T23N R10E
S19 | S20
S30 | S29
1916

32. Subdivision of Township 23 North, Range 10 East.

Chains.

from which,

A cedar, 12 ins. in diam., brs. N. 76° E., 120 lks. dist., marked T 23 N R 10 E S 20 B T.

A cedar, 10 ins. in diam., brs. S. 85 1/4° E., 250 lks. dist., marked T 23 N R 10 E S 29 B T.

A cedar, 8 ins. in diam., brs. S. 1° W., 36 lks. dist., marked T 23 N R 10 E S 30 B T.

A pinyon, 12 ins. in diam., brs. N. 89° W., 253 lks. dist., marked T 23 N R 10 E S 19 B T.

Land, rolling, nearly level.

Soil, coarse gravel and rocky.

Timber, scattering scrub cedar and pinyon.

Undergrowth, scattering buck brush.

Fair grass.

East, on a random line, bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect N. and S. line, 6 lks. S. of cor. of secs. 20, 21, 28 and 29.

Thence,

S. 89° 57' W., on a true line, bet. secs. 20 and 29.

Over rolling land, thru. scattering timber and undergrowth.

15.00 Ascend 23 ft. to

19.38 Top of rocky knoll. Descend gradual slope.

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

1/4 S 20 / S 29 1916

from which,

A cedar, 16 ins. in diam., brs. S. 6 1/2° W., 380 lks. dist., marked 1/4 S 29 B T.

No other trees within limits.

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

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

Land, rolling.

Soil, coarse cinders and rocks.

Timber, scattering scrub cedar and pinon.

Undergrowth, scattering buck brush.

Fair grass.

West, on a true line, bet. secs. 19 and 30.

Over nearly level land, thru. scattering timber and undergrowth.

34.00 Ascend 64 ft. to

35.12 Top of rocky point.

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

1/4 S 19 / S 30 1916

from which,

A pinon, 8 ins. in diam., brs. N. 56 1/4° E., 62 lks. dist., marked 1/4 S 19 B T.

A pinon, 9 ins. in diam., brs. S. 66 1/2° E., 118 lks. dist., marked 1/4 S 30 B T.

101.37 Intersect E. bdy. of T. 23 N., R. 9 E., 12.46 chs. S. 0° 29' E. of the reestablished 1/4 sec. cor. of sec. 24, hereinafter described.

At the point of intersection,

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,

Subdivision of Township 23 North, Range 10 East.

Chains.

	T23N
T23N	R10E
S24	S19 CC
R 9E	S50
1916	

from which,

A pinon, 6 ins. in diam., brs. N. 35 1/2° E., 186 lks. dist., marked T 23 N R 10 E S 19 CC BT.

A pinon, 8 ins. in diam., brs. S. 20 1/2° E., 92 lks. dist., marked T 23 N R 10 E S 30 CC BT.

Land, gently rolling lava fields.
Soil, coarse cinders and rock.
Timber, scattering pinon and cedar.
Undergrowth, scattering bunch brush.
Poor grass.

Resurvey of S 1/2 of East bdy, of sec. 24, T23 N., R. 9 E.

40.12 From original 1/4 sec. cor. of secs. 19 and 24, a malpais stone 10x12x4 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general, South, on random line, on E. bdy. of sec. 24 (S. 1/2).
Fall 34 lks. W. of original cor. of secs. 19, 24, 25 and 30, a flint stone 12x6x3 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.
True course and dist. of S. 1/2 of E. bdy. of sec. 24 is therefore N. 0° 29' W., 40.12 chs.
Change original sec. cor. above described, to refer to secs. 24 and 25 only, by destroying marking on SE. bearing tree.

No other change necessary.
Thence,
N. 0° 29' W., on true line, on E. bdy. of sec. 24 (S. 1/2).
Over nearly level land, thru. scattering timber and undergrowth.

40.12 Intersect original 1/4 sec. cor., hereinbefore described.
This cor. now refers to sec. 24 only. No change necessary.
Land, nearly level lava fields.
Soil, volcanic cinders and rock.
Timber, scattering scrub cedar and pinon.
Undergrowth, scattering buck brush.
Sparse grass.

Subdivision of Township 23 North, Range 10 East.

From corner of secs. 19, 20, 29 and 30,
N. 0° 3' W., bet. secs. 19 and 20.
Over nearly level land, thru. scattering timber and undergrowth.

23.00 Low ridge, brs. NE. and SW.
32.00 Leave lava field, and enter gently rolling grassy 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,

	S19	S20
	1916	

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

34. Subdivision of Township 23 North, Range 10 East.

Chains.

- 51.50 Dim wagon road, brs. NE. and SW.
 70.00 Descend gradual slope.
 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,

T23N R10E
 S18 | S17
 S19 | S20
 1916

from which

A cedar, 8 ins. in diam., brs. S. $72\frac{1}{2}^{\circ}$ E., 189 lks. dist., marked T23N R10E S20 BT.

No other trees within limits.

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

Land, rolling.

Soil, coarse gravel.

Timber, scattering cedar and pinon.

Undergrowth, scattering buck brush.

Good grass.

- 40.00 East, on a random line, bet. secs. 17 and 20.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line, 7 lks. S. of cor. of secs. 16, 17, 20 and 21.

Thence,

S. $89^{\circ} 57'$ W., on a true line, bet. secs. 17 and 20.

Over gently rolling land, thru scattering timber and undergrowth

- 19.50 Wagon road brs. NE. and SW.

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

$\frac{1}{4}$ S 17
 S 20
 1916

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

- 79.96 The cor. of secs. 17, 18, 19 and 20.
 Land, almost level.
 Soil, coarse gravel.
 Timber, scattering cedar.
 Undergrowth, scattering rabbit brush.
 Good grass.

West, on a true line, bet. secs. 18 and 19.

Over gently rolling land; thru scattering timber and undergrowth.

Ascend gradual E. slope.

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

$\frac{1}{4}$ S 18
 S 19
 1916

from which,

A pinon, 10 ins. in diam., brs. N. $32\frac{1}{2}^{\circ}$ W., 114 lks. dist., marked $\frac{1}{4}$ S 18 B T.

A pinon, 8 ins. in diam., brs. S. 84° E., 250 lks. dist., marked $\frac{1}{4}$ S 19 BT.

- 49.90 Foot of hill, brs. NE. and SW. Ascend SE. slope, 459 ft. to

Subdivision of Township 23 North, Range 10 East.

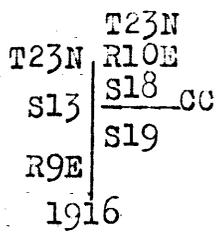
Chains.

76.73 Highest elevation reached on S. side of mountain. Thence along S. slope to

84.19 Descend W. slope of mountain, 334 ft. to

101.21 Intersect E. bdy. of T. 23 N., R. 9 E., 12.14 chs. S. 0° 3' W. of the reestablished $\frac{1}{4}$ sec. cor. of sec. 13, hereinafter described.

At the point of intersection,
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 18 and 19, marked on brass cap,



from which,

A pinon, 12 ins. in diam., brs. N. 24 $\frac{1}{2}$ ° E., 91 lks. dist., marked T 23 N R 10 E S18 CC BT.

A pinon, 9 ins. in diam., brs. S. 21 $\frac{1}{2}$ ° E., 170 lks. dist., marked T 23 N R10E S19 CC BT.

Land, rolling and mountainous.
Soil, coarse texture, 26 ins. deep.
Timber, cedar and pinon.
Undergrowth, scattering buck brush.
Fair grass.

Resurvey of S. $\frac{1}{2}$ of E. bdy. of sec. 13, T. 23 N., R. 9 East.

From original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, a malpais stone, 6x3x8 ins. above ground firmly set, marked and witnessed as described by the surveyor general,
South, on a random line on E. bdy. of sec. 13 (S. $\frac{1}{2}$).

39.66 Fall 3 lks. E. of the original cor. of secs. 13, 18, 19 and 24, a malpais stone, 9x12x6 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 13, is therefore N. 0° 3' E., 39.66 chs.

Change old sec. cor. above described, to refer to secs. 13 and 24 only, by destroying marking on bearing trees E. of line. No other change necessary.

Thence,
N. 0° 3' E., on true line, on E. bdy. of sec. 13 (S. $\frac{1}{2}$).

Over gently rolling land, thru scattering timber and undergrowth.

9.66 Ascend 281 ft.

39.66 Intersect original $\frac{1}{4}$ sec. cor. hereinbefore described.
Change this old cor. to refer to sec. 13 only by destroying marking on SE. bearing tree. No other change necessary.

Land, rolling.
Soil, coarse cinders and rock.
Timber, scattering cedar and pine.
Undergrowth, scattering buck brush.
Sparse grass.

Subdivision of Township 23 North, Range 10 East.

From cor. of secs. 17, 18, 19 and 20,
N. 0° 3' W., bet. secs 17 and 18.
Over gently rolling prairie land,

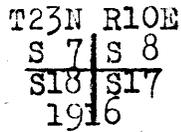
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

36. Subdivision of Township 23 North, Range 10 East.

Chains



80.00 dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap,



dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, gently rolling; almost level. Soil, coarse gravel, 26 ins. deep. Timber, very scattering scrub cedar. Undergrowth, scattering rabbit brush. Good grass.

40.00 East, on a random line, bet. secs. 8 and 17.

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

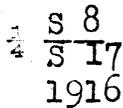
80.00 Intersect N. and S. line, 8 lks. S. of cor. of secs. 8, 9, 16 and 17.

Thence,

S. $89^{\circ}57'$ W., on a true line, bet. secs. 8 and 17.

Over gently rolling land, thru. scattering timber and undergrowth.

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



from which,

A cedar, 5 ins. in diam., brs. N. $2\frac{1}{4}^{\circ}$ E., 110 lks. dist., marked $\frac{1}{4}$ S 8 B T.

No other trees within limits.

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

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

Land, gently rolling, almost level.

Soil, coarse gravel.

Timber, scattering scrub cedar.

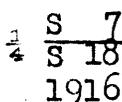
Undergrowth, rabbit brush.

Good grass.

West, on a true line, bet. secs. 7 and 18.

Over level land, thru. scattering timber and undergrowth.

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



from which,

A cedar, 6 ins. in diam., brs. S. $41\frac{3}{4}^{\circ}$ E., 100 lks. dist., marked $\frac{1}{4}$ S 18 B T.

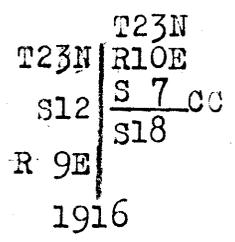
No other trees within limits.

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

Subdivision of Township 23 North, Range 10 East. 37/

Chains.

100.69 cor.
Intersect E bdy. of T. 23 N., R. 9 E., 11.51 chs. S. 0° 17' W. of the reestablished $\frac{1}{4}$ sec. cor. of sec. 12, hereinafter described.
At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 7 and 18, marked on brass cap,



from which,
A pinon, 14 ins. in diam., brs. N. 55 $\frac{1}{2}$ ° E., 111 lks. dist., marked T 23 N R10E S7 CC BT.
A pinon, 18 ins. in diam., brs. S. 71° E., 210 lks. dist., marked T 23 N R 10E S 18 C C BT.

Land, gently rolling, almost level.
Soil, coarse gravel and cinders.
Timber, scattering scrub cedar and pinon.
Undergrowth, scattering buck brush and rabbit brush.
Good grass.

Resurvey of E. bdy. of sec. 12, Township 23 N., R. 9 E.

From the original cor. of secs. 1, 6, 7 and 12, a malpais 6x8x4 ins., above ground, firmly set, marked and witnessed, as described by the surveyor general,
South, on random line on E. bdy. of sec. 12, (N. $\frac{1}{2}$)
39.98 Fall 25 lks. W. of original $\frac{1}{4}$ sec. cor., a malpais stone 8x10x5 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general.
True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 12, is therefore N. 0° 21' W., 39.98 chs.

Thence,
South, on random line on E. bdy. of sec. 12 (S. $\frac{1}{2}$)
39.74 Fall 20 lks. E. of original cor. of secs. 7, 12, 13 and 18, a malpais stone, 10x10x6 ins. above ground firmly set, marked and witnessed as described by the surveyor general.
True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 12 is therefore N. 0° 17' E., 39.74 chs.
Change the old sec. cor. to refer to secs. 12 and 13 only by filling in the pits E. of line. No other change necessary.

Thence,
N. 0° 17' E. on true line, on E. bdy. of sec. 12 (S. $\frac{1}{2}$)
Over rolling, mountainous land, thru. scattering timber, and undergrowth. Descend 359 ft.

22.44 Foot of descent, thence over rolling land.
39.74 Intersect original $\frac{1}{4}$ sec. cor., hereinbefore described. Change this old cor. to refer to sec. 12 only by destroying markings on SE. bearing tree. No other change necessary.

Thence,
N. 0° 21' W. on true line, on E. bdy. of sec. 12 (N. $\frac{1}{2}$)
Over nearly level land, thru. scattering timber and undergrowth. Descend 359 ft.

22.44 Foot of descent; thence over rolling land.
39.74 Intersect original $\frac{1}{4}$ sec. cor., hereinbefore described. Change this old cor. to refer to sec. 12 only by destroying markings on SE. bearing tree. No other change necessary.
Thence,

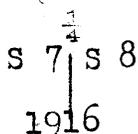
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Chains.

N. 0°21' W., on true line, on E. bdy. of sec. 12 (N. 1/2).
 Over nearly level land, thru. scattering timber and undergrowth.
 39.98 Intersect original cor. of secs. 1, 6, 7 and 12, hereinbefore described. Change this old cor. to refer to secs. 1 and 12 only by destroying markings on bearing trees E. of line. No other change necessary.
 Land, rolling and mountainous in S. 1/2; nearly level in N. 1/2.
 Soil, coarse gravel and cinders.
 Timber, scattering cedar and pinon.
 Undergrowth, scattering buck and rabbit brush.
 Good grass.

 Subdivision of Township 23 North, Range 10 East.

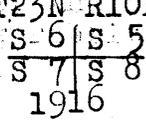
From cor. of secs. 7, 8, 17 and 18,
 N. 0°3' W., bet. secs. 7 and 8.
 Over gently rolling land, thru. scattering timber and undergrowth.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/2 sec. cor., marked on brass cap,



from which,

- A cedar, 20 ins. in diam., brs. S. 74° E., 50 lks. dist., marked T 23 N R 10 E S 7 B T.
- A cedar, 12 ins. in diam., brs. S. 58 1/2° W., 194 lks. dist., marked T 23 N R 10 E S 6 B T.

55.00 Ascend 40 ft. to top of small ridge, brs. E. and W. Descend gradual slope.
 61.46 Top of small ridge, brs. E. and W. Descend gradual slope.
 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.



from which,

- A cedar, 8 ins. in diam., brs. S. 74 3/4° W., 102 lks. dist., marked T 23 N R 10 E S 7 B T.
- A cedar, 18 ins. in diam., brs. N. 6 1/4° W., 106 lks. dist., marked T 23 N R 10 E S 6 B T.

No other trees within limits.
 Dig pits, 18x18x12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, coarse gravel and cinders.
 Timber, scattering cedar and pinon.
 Undergrowth, scattering rabbit brush.
 Good grass.

East, on a random line, bet. secs. 5 and 8.
 40.00 Set temp. 1/2 sec. cor.
 79.94 Intersect N. and S. line, 20 lks. S. of cor. of secs. 4, 5, 8 and 9.
 Thence,
 S. 89° 51' W., on a true line, bet. secs. 5 and 8.
 Over rolling land, thru. scattering timber and undergrowth.
 39.97 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/2 sec. cor., marked on brass cap,

Subdivision of Township 23 North, Range 10 East.

Chains.

$$\begin{array}{r} \frac{1}{4} \text{ S } 5 \\ \text{S } 8 \\ 1916 \end{array}$$

from which,

A cedar, 6 ins. in diam., brs.S.58° E., 251 lks. dist., marked $\frac{1}{4}$ S 8 B T.

A cedar, ins.diam., brs.N.74° W., 97 lks.dist. marked $\frac{1}{4}$ S 5 B T.

52.60 Top of slope, brs.NE and SW. Descend 63 ft. to
79.94 The cor.of secs. 5,6,7 and 8.

Land, rolling.

Soil, coarse gravel, 26 ins.deep.

Timber, scattering cedar.

Undergrowth, rabbit brush.

Good grass.

West, on a true line, bet. secs.6 and 7.

Over nearly level land, thru.scattering timber and undergrowth.

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

$$\begin{array}{r} \frac{1}{4} \text{ S } 6 \\ \text{S } 7 \\ 1916 \end{array}$$

from which,

Ac cedar, 6 ins. in diam., brs.N.63° W., 160 lks. dist., marked $\frac{1}{4}$ S 6 B T.

No other trees within limits.

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

100.86 Intersect E. bdy.of T.23 N.,R.9 E., 11.52 chs.S.0° 8'E.of the reestablished $\frac{1}{4}$ sec.cor. of sec.1 hereinafter described.

At the point of intersection,

Set an iron post, 3 ft. long, 2 ins. in diam., 24ins. in the ground, for closing cor.of secs.6 and 7, marked on brass cap,

$$\begin{array}{r} \text{T23N} \\ \text{T23N} \text{ R10E} \\ \text{S } 6 \text{ CC} \\ \text{S } 1 \text{ S } 7 \\ \text{R9 E} \\ 1916 \end{array}$$

Dig pits, 24x18x12 ins., crosswise on each line,N.and S., 3 ft.dist., and E.of post, 7 ft.dist., and raise a mound of earth, 4 ft.base, 2 ft. high,E.of cor.

Land, gently rolling.

Soil, coarse cinders, 26 ins. deep.

Timber, scattering scrub cedar and pine.

Undergrowth, thick buck brush.

Sparse grass.

Resurvey of East bdy.of sec.1, Township 23 N., R. 9 E.

From reestablished cor.of Ts. 23 and 24 N.,R.9 E., hereinafter described,

40.02 South, on random line on E bdy. of sec.1 (N. $\frac{1}{2}$). Fall 8 lks.W. of original $\frac{1}{4}$ sec.cor. of secs.1 and 6, a malpais stone 6x6x4 ins. above ground, firmly set, marked and witnessed as described by the surveyor general.

40 Resurvey of E. bdy. of sec. 1, Township 23 North, Range 9 East

- Chains.
- True course and dist. of N. $\frac{1}{2}$ of E. bdy. of sec. 1 is therefore N. $0^{\circ} 7' W.$, 40.02 chs.
Thence,
South, on random line on E. bdy. of sec. 1 (S. $\frac{1}{2}$).
40.17 Fall 10 lks. W. of the reestablished cor. of secs. 1 and 12, hereinbefore described.
True course and dist. of S. $\frac{1}{2}$ of E. bdy. of sec. 1 is therefore N. $0^{\circ} 8' W.$, 40.17 chs.
Thence,
N. $0^{\circ} 8' W.$, on true line, on E. bdy. of sec. 1 (S. $\frac{1}{2}$).
Over nearly level land, thru. scattering timber and undergrowth.
- 40.17 Intersect original $\frac{1}{4}$ sec. cor. hereinbefore described.
Change this old cor. to refer to sec. 1 only by destroying markings on NE. bearing tree, No other change necessary.
Thence,
N. $0^{\circ} 7' W.$, on true line on E. bdy. of sec. 1 (N. $\frac{1}{2}$).
Over nearly level land, thru. scattering timber and undergrowth.
- 40.02 Intersect reestablished cor. of Ts. 23 and 24 N., R. 9 E., hereinbefore described.
Land, nearly level.
Soil, coarse gravel and volcanic ash.
Timber, scattering cedar.
Undergrowth, scattering buck brush.
Good, grass.

Subdivision of Township 23 North, Range 10 East.

- From the cor. of secs. 5, 6, 7 and 8,
N. $0^{\circ} 3' W.$, on a random line, bet. secs. 5 and 6.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.23 Intersect N. bdy. of Tp., 2 lks. W. of cor. of secs. 5, 6, 31 and 32, hereinbefore described.
Thence,
S. $0^{\circ} 2' E.$, on a true line, bet. secs. 5 and 6.
Over slightly rolling, open prairie land.
- 40.23 Set an iron post, 3 ft. long, 1 in in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,

s6 | s5
1916

- Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 48.23 The top of E. slope of hill; descend.
80.23 The cor. of secs. 5, 6, 7 and 8.
Land, slightly rolling.
Soil, coarse gravel 26 ins. deep.
No timber.
No undergrowth.
Good grass.

GENERAL DESCRIPTION.

This township situated in the north central part of the State of Arizona, on the watershed of the Little Colorado River at the eastern foot of the San Francisco mountains has in general, a rolling surface. Several volcanic craters are located in the township, and the many scattered small buttes, ridges and spurs are of volcanic origin. The soil is a dark, gravelly and rocky clay loam, coarse texture, 3rd and 4th rate. There is no timber in the east half of the township, and the growth in the west half is mostly scattering, and consists of cedar and pinon. Undergrowth of rabbit and buck brush is prevalent over the whole township, in both scattering and dense growths. A good growth of

Subdivision of Township 23 North, Range 10 East.

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grass suitable for grazing covers the greater part of the surface. With the exception of a spring in sec. 2, there is no permanent water. The drainage is in general to the east, though there are no prominent or well defined washes of any considerable length. There is only one settler, Joseph Kellam, who has a stone house, corral and log building near the N. bdy. of the Tp., in secs. 1 and 2, and a fenced pasture in secs. 9, 10, 15 and 16. Several prehistoric and Indian ruins are observed in various parts of the township. No evidence of valuable mineral deposits could be found. Two main roads traverse the township.

Boundaries of Township 23 North, Range 10 East.
Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	500.34				500.34
	N. 0° 27' E.	12.98	12.98		.10	
	N. 1° 15' W.	39.57	39.56			.86
	N. 0° 4' W.	39.95	39.95			.05
	North,	40.00	40.00			
	N. 0° 29' W.	40.12	40.12			.34
West boundary,	North,	40.00	40.00			
	N. 0° 3' E.	39.66			.03	
	North,	40.00	40.00			
	N. 0° 17' E.	39.74	39.74		.20	
	N. 0° 21' W.	39.98	39.98			.25
	N. 0° 8' W.	40.17	40.17			.10
	N. 0° 7' W.	40.02	40.02			.08
	N. 0° 4' W.	28.57	28.57			.03
North boundary,	East,	501.05				501.05
East boundary,	South,	480.00		480.00		
Convergency,					.53	
	Totals,		480.75	480.00	501.91	502.05
			480.00			501.91
	Error in latitude,		0.75			
	Error in departure,					0.14

BOOK "E"

Group 68 - - Arizona.

Township 23 North, Range 10 East.

DATE DIAGRAM.

	3-17-16	3-17-16	3-16-16	3-16-16	3-15-16	3-17-16	3-17-16
3-17-16	6	5	4	3	2	1	3-15-16
3-27-16	3-27-16	3-27-16	3-24-16	3-24-16	3-22-16	3-17-16	
3-27-16	7	8	9	10	11	12	
3-27-16	3-27-16	3-24-16	3-22-16	3-20-16	3-22-16	3-17-16	3-15-16
3-24-16	18	17	16	15	14	13	
3-24-16	3-24-16	3-24-16	3-21-16	3-20-16	3-18-16	3-17-16	3-15-16
3-24-16	19	20	21	22	23	24	
3-22-16	3-22-16	3-22-16	3-21-16	3-20-16	3-18-16	3-16-16	3-15-16
3-22-16	30	29	28	27	26	25	
3-21-16	3-21-16	3-21-16	3-21-16	3-20-16	3-18-16	3-16-16	3-15-16
3-21-16	31	32	33	34	35	36	
3-15-16	3-15-16	3-15-16	3-15-16	3-14-16	3-14-16	3-14-16	3-15-16

Lines dated in red, surveyed by Thomas B. Matthews, U.S. Surveyor.

Lines dated in black, surveyed by Joseph C. Clark, U.S. Transitman.

For CERTIFICATE OF UNITED STATES SURVEYOR. & U.S. TRANSITMAN, See Book "B."

I, _____, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191____, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona. January 15, 1919

re- The foregoing field notes of the survey of _____

Portions of the East boundaries of _____

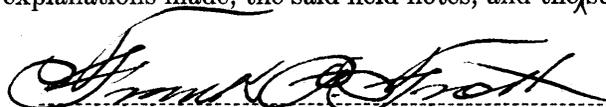
TOWNSHIPS 23 & 24 NORTH, RANGE 9 EAST.

and SURVEY of _____

North and South boundaries, and _____

Subdivision lines of TOWNSHIP 23 NORTH, RANGE 10 EAST.

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Thomas B. Matthews, U.S. Surveyor, & Joseph C. Clark, U.S. Transitman, under ~~his~~ special instructions dated Dec. 17, 1915, for Group 68, Arizona, 1915, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ^{re}surveys and surveys they describe, are hereby approved.


U. S. Surveyor General.

~~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.~~

U. S. Surveyor General