

3221

Book "H."  
4-679

JAN 1 1916

BOOK 3221

# FIELD NOTES

RE-  
OF THE SURVEY OF THE

East boundary of

TOWNSHIP 22 NORTH, RANGE 9 EAST.

and SURVEY of

South boundary, and

Subdivision lines of

TOWNSHIP 22 NORTH, RANGE 10 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Thos. 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, 1915  
Jan. 12, 1916,

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

No. 68 and 69, which were approved by the Commissioner of the General Land

Office, Jan. 7 & 22, 1916 and Assignment Instructions dated Feb. 3, & Apr. 7, 1916.

Resurvey & Survey commenced March 3, 1916

Resurvey & Survey completed April 14, 1916

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(A)

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Book "H"

Group 68 - - - Arizona,

BOOK 3221

including part of Group 69.

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2	RESERVED											
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T. 22 N. - R. 10 E.

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Survey of South Boundary of T. 22 N., R. 10 E.  
Resurvey of the East boundary of T. 22 N., R. 9 E.  
Survey of Subdivision of T. 22 N., R. 10 E.

18

Chains

Work executed by Thos. B. Matthews, U. S. Surveyor, and Jos. C. Clark, U. S. Transitman, using Buff and Buff light mountain transit No. 10124 and Young and Sons light mountain transit No. 8535, respectively, on the dates shown on the diagrams on pages 43 and 44 of this book.

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

For a complete record of tests for the instruments and their solar attachments on meridians established by observations on Polaris, see beginning of notes in Book "G".

Throughout the survey, frequent tests were made to insure the accuracy of the solar attachments.

Five-chain steel tapes and clinometers were the instruments employed in determining all distances.

Survey of South boundary of Township 22 N., R. 10 E.

From the cor. of Ts. 21 and 22 North, Ranges 10 and 11 East, described in Book "B," described in Book "E", West on a true line bet. secs. 1 and 36. timber and. Over gently rolling land, through scattering undergrowth.

39.00  
40.00

Desc. NW. slope from bench bearing NE. and SW.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 36  
S 1  
1916

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

47.50

Bottom of hollow, 30 ft. below  $\frac{1}{4}$  sec. cor., course NE. Asc. gradual slope.

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

T22N R10E  
S35|S36  
S 2|S 1  
T21N  
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, poor, clay loam, 24 ins. deep, gravelly and rocky, volcanic ash on surface.

Timber, scattering scrub cedar.

Undergrowth, rabbit brush.

Good grass.

Drainage NE.

West bet. secs. 2 and 35.

Over gently rolling land, through scattering timber and undergrowth.

11.15

Road brs. NE. and SW, to Angell station.

33.15

Irrigation ditch, 10 lks. wide 1 ft. deep, course NE.

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 35  
S 2  
1916

2 Survey of South Bdy. of T. 22 N., R. 10 E.

Chains

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

T22N R10E  
 S34 | S35  
 S 3 | S 2  
 T21N  
 1916

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, gently rolling.  
 Soil, poor, dark loam, 1 ft. deep, brown clay-loam subsoil.  
 Timber, scattering scrub cedar.  
 Undergrowth, rabbit brush.  
 Good grass.

Drainage NE: Volcanic formation.

40.00 West bet. secs. 3 and 34.  
 Over gently rolling land, through scattering timber and undergrowth.  
 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

¼ S 34  
 S 3  
 1916

60.00 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.

60.00 Enter heavy scrub cedar brs. N. and S.  
 80.00 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

T22N R10E  
 S33 | S34  
 S 4 | S 3  
 T21N  
 1916

from which,  
 A pine, 5 ins. diam., brs. N. 22¼° E.  
 182 lks. dist.; mkd. T 22 N., R 10 E S 34 B T.  
 A pine, 4 ins. diam., brs. S. 79° E.  
 99 lks. dist.; mkd. T 21 N R 10 E S 3 B T.  
 A cedar, 6 ins. diam., brs. S. 64¾° W.  
 100 lks. dist.; mkd. T 21 N R 10 E S 4 B T.  
 A pine, 8 ins. diam., brs. N. 85¼° W.  
 138 lks. dist.; mkd. T 22 N R 10 E S 33 B T.

Land, gently rolling. 1 ft. deep  
 Soil, poor, dark loam, gravelly, coarse texture, rocky brown loam subsoil.  
 Timber, cedar and pinyon, dense in last ¼ mile.  
 Undergrowth, rabbit brush.

40.00 West bet. secs. 4 and 33.  
 Over level land, through dense timber and scattering undergrowth.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins in the ground, in a mound of stone, for cor. of secs. comp, marked

Survey of South boundary of Township 22 North, Range 10 East. 3.

Chains

on brass cap

S	33
S	4
1916	

from which,

- A pinon, 8 ins. in diam., brs. N.  $2\frac{1}{4}^{\circ}$  W., 175 lks. dist., marked  $\frac{1}{4}$  S 33 B T.
- A cedar, 7 ins. diam., brs. S.  $25\frac{1}{4}^{\circ}$  E., 36 lks. dist., marked  $\frac{1}{4}$  S 4 B T.

- 51.50 Small draw, 100 lks. wide, course NE.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground, in a mound of stone, for cor. of secs. 4, 5, 32 and 33, marked on brass cap,

T22N R10E	
S32	S33
S 5	S 4
T21N	
1916	

from which,

- A pinon, 12 ins. in diam., brs. N.  $26\frac{1}{2}^{\circ}$  E., 184 lks. dist., marked T 22 N R 10 E S 33 B T.
- A cedar, 9 ins. in diam., brs. S.  $49^{\circ}$  E., 49 lks. dist., marked T 21 N R 10 E S 4 B T.
- A cedar, 6 ins. in diam., brs. S.  $27^{\circ}$  W., 92 lks. dist., marked T 21 N R 10 E S 5 B T.
- A cedar, 6 ins. in diam., brs. N.  $63\frac{1}{2}^{\circ}$  W., 39 lks. dist., marked T 22 N R 10 E S 32 B T.

Land, level.  
 Soil, coarse gravelly loam, 10 to 20 ins. deep.  
 Timber, dense cedar and pinon.  
 Undergrowth, scattering rabbit brush.  
 Sparse grass.  
 Drainage NE.

- 40.00 West, bet. secs. 5 and 32.  
 Over level land, thru timber and undergrowth.  
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S	32
$\frac{1}{4}$ S	35
1916	

from which,

- A cedar, 8 ins. in diam., brs. N.  $77\frac{1}{2}^{\circ}$  E., 34 lks. dist., marked  $\frac{1}{4}$  S 32 B T.
- A cedar, 16 ins. in diam., brs. S.  $70\frac{1}{4}^{\circ}$  W., 23 lks. dist., marked  $\frac{1}{4}$  S 5 B T.

- 50.00 Ascend gradual slope 50 ft. to
- 65.00 Low spur, slopes NE. Descend gentle NW slope.
- 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,

T22N R10E	
S31	S32
S 6	S 5
T21N	
1916	

from which,

- A cedar, 7 ins. in diam., brs. N.  $45\frac{1}{2}^{\circ}$  E., 75 lks. dist., marked T 22 N R 10 E S 32 B T.
- A pine, 8 ins. in diam., brs. S.  $57^{\circ}$  E., 150 lks. dist., marked T 21 N R 10 E S 5 B T.
- A pine, 6 ins. in diam., brs. S.  $14\frac{1}{4}^{\circ}$  W., 65 lks. dist., marked T 21 N R 10 E S 6 B T.
- A pine, 10 ins. in diam., brs. N.  $20\frac{1}{4}^{\circ}$  W., 90 lks. dist., marked T 22 N R 10 E S 31 B T.

4. Survey of South boundary of Township 22 North, Range 10 East.

Chains

Land, nearly level.  
Soil, dark loam, coarse texture.  
Timber, dense cedar and pinon. No undergrowth.  
Fair grass. Drainage NE.

West, bet. secs. 6 and 31.  
Over gently rolling land, thru. heavy timber.  
Road brs. N. and S. to Piper's ranch.

6.80  
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, 9 ins. diam., brs. N.  $21\frac{1}{2}^{\circ}$  E., 95 lks. dist., marked  $\frac{1}{4}$  S 31 B T.

A pinon, 6 ins. in diam., brs. S.  $56\frac{1}{2}^{\circ}$  W., 87 lks. dist., marked  $\frac{1}{4}$  S 6 B T.

Ascend gradual E. slope, 57 ft. to

57.50  
65.00

Spur, slopes NE. for 30 chs.  
Swale, course NE. Ascend gentle SE. slope. Thence over gently rolling land.

101.65

Intersect E. bdy. of T. 22 N., R. 9 E., 26.28 chs. N.  $0^{\circ}3'$  E. of the cor. of Ts. 21 and 22 N., R. 9 E., hereinafter described.

At point of intersection,

Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for closing cor. of Ts. 21 and 22 N., R. 10 E., marked on brass cap,

T22N  
R9 E | R10E  
S31  
C  
S36 C  
S 1 S 6  
T21N  
1916

from which,

A cedar, 10 ins. in diam., brs. N.  $73\frac{1}{2}^{\circ}$  E., 58 lks. dist., marked T 22 N R 10 E S 31 C C B T.

A pinon, 12 ins. in diam., brs. S.  $47\frac{1}{2}^{\circ}$  E., 130 lks. dist., marked T 21 N R 10 E S 6 C C B T.

Land, rolling. Soil, dark gravelly loam and cinders.

Timber, cedar and pinon.

Undergrowth, scattering rabbit brush. Fair grass.

Resurvey of East bdy. of sec. 36, T. 22 N., R. 9 E.

From original cor. of Ts. 21 & 22 N., Rs. 9 & 10 E., which is a malpais stone, 18x10x7 ins., firmly set, marked and witnessed as described by the surveyor general,

North, on random line, on E. bdy. of sec. 36 (S. half).

39.95

Fall  $3\frac{1}{2}$  lks. W. of original  $\frac{1}{4}$  sec. cor., which is a lava stone, 10x8x6 ins., above ground, firmly set, marked & witnessed as described by the surveyor general.

True course and dist. of S.  $\frac{1}{2}$  of E. bdy. of sec. 36 is therefore S.  $0^{\circ}3'$  W., 39.95 chs.

Thence,

North on random line, on E. bdy. of sec. 36 (N. half).

39.92

Fall 48 lks. W. of original cor. of secs. 25, 30, 31 and 36, a lava stone 10x6x6 ins. above ground, firmly set, marked & witnessed, as described by the surveyor general.

Change this cor. to refer to secs. 25 and 36 of T. 22 N., R. 9 E. only by destroying marks on bearing trees E. of line.

True course and dist. of N.  $\frac{1}{2}$  of E. bdy. of sec. 36 is therefore S.  $0^{\circ}41'$  W., 39.92 chs.

From cor. of secs. 25 and 36, above described,

S.  $0^{\circ}41'$  W., on true line, on E. bdy. of sec. 36 (N. half).

Over slightly rolling land, thru. heavy cedar and pinon, and scattering yellow pine timber.

Ascend 40 ft.

37.00

Ridge, brs. SE. and NW. Descend.

4. Resurvey of East bdy. of sec. 36, T. 22 N., R. 9 E. 5.

- Chains.
- 39.92 Intersect the  $\frac{1}{4}$  sec. cor., hereinbefore described. Change this cor. to refer to sec. 36 only, by destroying the marking on bearing tree, E. of line.  
Thence,  
S. 0° 3' W., on true line, on E. bdy. of sec. 36 (S. half).  
Over slightly rolling land, thru. heavy cedar and pinon timber.
- 13.67 Intersect the closing cor. of Ts. 21 and 22 N., R. 10 E., hereinbefore described.
- 39.95 Intersect the original Tp. cor., hereinbefore described. Change this cor. to refer to Ts. 21 and 22 N., R. 9 E. only, by destroying notches on E. edge of stone, and destroying the markings on bearing trees E. of line,  
Land, slightly rolling.  
Soil, dark loam, coarse texture.  
Timber, heavy cedar and pinon timber, and scattering yellow pine.  
No undergrowth. Fair grass.

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Subdivision of Township 22 North, Range 10 East.

- 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.  
Over gently rolling land, thru. scattering undergrowth.
- 13.60 Road brs. NE. and SW. to Angell.
- 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,  
$$\begin{array}{c} \frac{1}{4} \\ S35 \quad | \quad S36 \\ 1916 \end{array}$$
- 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. 5 lks. wide 1 ft. deep
- 52.60 Irrigation ditch, course NE. to reservoir.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground in a mound of stone, for cor. of secs. 25, 26, 35 and 36, marked on brass cap,  
$$\begin{array}{c} T22N R10E \\ S26 \quad | \quad S25 \\ S35 \quad | \quad S36 \\ 1916 \end{array}$$
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
Land, gently rolling.  
Soil, dark clay loam, with gravel, rocky subsoil, coarse texture.  
No timber. Undergrowth, rabbit brush and mountain rush.  
Fair grass. Drainage NE. Lava formation.

- East, on a random line, bet. secs. 25 and 36.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect E. bdy. of Tp., 4 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in Book "C."  
Thence,  
N. 89° 58' W., on a true line, bet. secs. 25 and 36.  
Over gently rolling land, thru. scattering undergrowth.
- 5.20 Top of dam, brs. NW. 1 ch., and SE. about 6 chs. dist.
- 6.00 Edge of water in reservoir, brs. N. and S.
- 10.00 Edge of water in reservoir, brs. N. and S.
- 37.15 Wire fence brs. N. and S.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
$$\begin{array}{c} \frac{1}{4} \\ S \quad 25 \\ S \quad 36 \\ 1916 \end{array}$$

## 6. Subdivision of Township 22 North, Range 10 East.

Chains.

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 80.00 The cor. of secs. 25, 26, 35 and 36.  
 Land, gently rolling.  
 Soil, dark clay loam, with gravel, rocky subsoil, coarse texture.  
 No timber.  
 Undergrowth, rabbit brush and mountain rush.  
 Fair grass.  
 Lava formation. Drainage NE.

N.  $0^{\circ} 1' W.$ , bet. secs. 25 and 26.  
 Over gently rolling land, thru. scattering undergrowth.  
 28.40 Rim-rock on right bank of San Francisco wash, brs. E. and W.  
 Descend 46 ft.  
 30.00 San Francisco wash, 70 lks. wide, 5 ft. deep, clear water,  
 course N.  $80^{\circ} E.$  Ascend 57 ft. to  
 31.80 Rim rock on left bank of wash, brs. E. and W. Thence over  
 rolling land.  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in  
 the ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., marked  
 on brass cap,

S26 | S25  
 1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of  
 cor.  
 65.00 Top of low spur, slopes E. about 30 chs. dist. Descend 28 ft.  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in  
 the ground, for cor. of secs. 23, 24, 25 and 26, marked  
 on brass cap,

T22N R10E  
 S23 | S24  
 S26 | S25  
 1916

from which,

- A cedar, 6 ins. in diam., brs. N.  $50\frac{1}{2}^{\circ} E.$ , 73 lks.  
 dist., marked T22 N R10E S24 B T.
- A cedar, 8 ins. in diam., brs. S.  $51^{\circ} E.$ , 614 lks. dist.,  
 marked T 22 N R10E S25 B T.
- A cedar, 8 ins. in diam., brs. S.  $22\frac{1}{2}^{\circ} W.$ , 230 lks.  
 dist., marked T 22 N R10 S26 B T.
- A cedar, 7 ins. in diam., brs. N.  $7\frac{1}{2}^{\circ} W.$ , 221 lks.  
 dist., marked T 22 N R10 E S 23 B T.

Land, rolling.

Soil, thin and rocky clay loam, about 2 ft. deep.

Timber, scattering scrub cedar and walnut.

Undergrowth, rabbit brush and mountain rush.

Good grass.

Volcanic formation. Drainage E.

East, on a random line, bet. secs. 24 and 25.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.98 Intersect E. bdy. of sp., 7 lks. N. of the cor. of secs. 19, 24,  
 25 and 30, described in Book "C."  
 Thence,  
 N.  $89^{\circ} 57' W.$ , on a true line, bet. secs. 24 and 25.  
 Over rolling land, through scattering timber and dense  
 undergrowth.



Chains

34.40 Road brs. SE. to Flagstaff and NW. to Leupp.  
39.99 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

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

45.00 Swale course SE. Asc. gradual slope.

79.98 The cor. of secs. 23, 24, 25 and 26.

Land, gently rolling.

Soil, clay loam, gravelly and rocky, coarse texture.

Timber, scattering scrub cedar.

Undergrowth rabbit brush and mountain rush.

Good grass.

Lava formation. Drainage SE.

N. 0° 1' W. bet. secs. 23 and 24.

Over rolling land, through scattering timber and undergrowth.

10.80 Road brs. E. to Flagstaff and W. to Leupp.

15.00 Swale course SE. Asc. 93 ft.

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

$\frac{1}{4}$   
S23 | S24  
1916

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

70.00 Foot of ascent brs. E. and W. Asc. SE. slope, 130 ft.

80.00 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

T22N R10E  
S14 | S13  
S23 | S24  
1916

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

Land, rolling and mountainous.

Soil, clay loam, gravelly and rocky, coarse texture with volcanic ash on surface.

Timber, scattering cedar.

Undergrowth, dense rabbit brush.

Good grass.

Volcanic formation. Drainage SE.

40.00 East on a random line bet. secs. 13 and 24.

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

79.98 Intersect E. bdy. of Tp., 4 lks. N. of cor. of secs. 13, 18, 19 and 24, described in Book "C".

Thence

N. 89° 58' W. on a true line bet. secs. 13 and 24.

Over gently rolling land, through scattering timber and undergrowth.

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

$\frac{1}{4}$  S 13  
S 24  
1916

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

Chains

60.00

Foot of ascent brs. N. and SW. Asc. 136 ft. to

79.92

The cor. of secs. 13, 14, 23 and 24.

Land, rolling and nearly level.

Soil, clay loam, gravelly and rocky, coarse texture with volcanic ash on surface.

Timber, scattering cedar.

Undergrowth, dense rabbit brush.

Good grass.

Drainage S.

N. 0° 1' W. bet. secs. 13 and 14. Over mountainous land.

Asc. SE. slope, 135 ft. to

7.20

Top of ascent. Thence along E. slope.

15.00

Desc. 385 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

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

Thence over level land.

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

T22N 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, mountainous and level.

Soil, deep clay loam, gravelly on level land.

No timber.

Undergrowth, scattering rabbit brush.

Good grass.

Drainage SW.

East on a random line bet. secs. 12 and 13.

40.00

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

79.90

Intersect E. bdy. of T., 16 lks. N. of cor. of secs. 7, 12, 13 and 18, described in Book "C".

Thence

N. 89° 53' W. on a true line bet. secs. 12 and 13.

Over level land, through dense undergrowth.

39.95

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 12  
S 13  
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.

79.90

The cor. of secs. 11, 12, 13 and 14.

Land, level.

Soil, clay loam, gravelly and rocky, volcanic ash on surface.

No timber.

Undergrowth, dense rabbit brush.

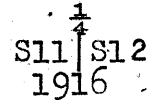
Good grass.

Subdivision of T. 22 N., R. 10 E.

Chains

N. 0° 1' W. bet. secs. 11 and 12.  
 Over level land, through scattering timber and undergrowth  
 Road brs. SW. to Flagstaff and NE. to Grand Falls.  
 Foot of slope brs. NE. and SW. Asc. SE. slope, 109 ft.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for 1/4 sec. cor., mkd. on brass cap

30.10  
33.00  
40.00



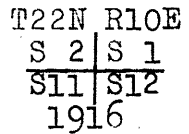
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,  
 W. of cor.

42.50

Spur slopes E. for 10 chs. Desc. NE. slope over head of  
 draw.  
 Desc. gradual slope. 40 ft. to

55.00  
70.00  
80.00

Head of draw, course E. Asc. 35 ft. to  
 Ridge brs. SW. and N. 15° E. Desc. 34 ft. to  
 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



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

Land, level, mountainous and rolling.  
 Soil, clay loam, gravelly, and rocky, coarse texture,  
 volcanic ash on surface.  
 Timber a few scattering cedar trees.  
 Undergrowth, dense rabbit brush.  
 Good grass.  
**Volcanic formation. Drainage SW.**

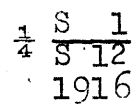
40.00  
79.90

East on a random line bet. secs. 1 and 12.  
 Set temp. 1/4 sec. cor.  
 Intersect E. bdy. of Tp.;, 4 lks. N. of cor. of secs.  
 1, 6, 7 and 12, described in Book "C".

Thence  
 N. 89° 58' W. on a true line bet. secs. 1 and 12.  
 Over mountainous land, thru scattering timber and under-  
 growth.

34.90  
35.40  
39.95

Dsc. 309 ft. to  
 Foot of slope brs. NE. and SW. Thence over rolling land.  
 Bottom of swale heads about 30 chs. SW., course NE.  
 Road brs. SW. to Flagstaff and NE. to Grand Falls.  
 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the  
 ground, in amount of stone, for 1/4 sec. cor., mkd. on  
 brass cap



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

65.00  
76.90  
79.90

Thence over level land.  
 Enter rolling land; ascend 57 ft. to  
 Ridge brs. N. 15° E. and S. 15° W. Desc. gradual slope.  
 The cor. of secs. 1, 2, 11 and 12.  
 Land, mountainous, level and rolling.  
 Soil, dark, clay loam, gravelly and rocky, coarse texture,  
 volcanic ash on surface.  
**Timber, scattering cedars.**  
 Undergrowth, scattering rabbit brush.  
 Good grass.

10

Subdivision of T. 22 N., R. 10 E.

Chains

N.  $0^{\circ} 1' W.$  bn a random line bet. secs. 1 and 2.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. bdy. of Tp., 2 lks. W. of the cor. of secs.  
 1, 2, 35 and 36, described in Book "E".  
 Thence  
 South on a true line bet. secs. 1 and 2.  
 Over rolling hilly land, through scattering undergrowth.  
 Desc. S. slope, 118 ft.  
 5.00 Desc. gradual slope, 57 ft. to  
 15.00 Thence over gently rolling land.  
 40.02 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

$$\begin{array}{c} \frac{1}{4} \\ S 2 \frac{1}{2} S 1 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
 dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
 high, W. of cor.  
 80.02 The cor. of secs. 1, 2, 11 and 12.  
 Land, rolling and hilly.  
 Soil, dark clay loam, gravelly and rocky, coarse texture,  
 volcanic ashes on surface.  
 No timber.  
 Undergrowth, scattering rabbit brush.  
 Good grass.

From the cor. of secs. 2, 3, 34 and 35 <sup>on</sup> S. bdy. of Tp.,  
 hereinbefore described,  
 N.  $0^{\circ} 1' W.$  bet. secs. 34 and 35.  
 Over gently rolling 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

$$\begin{array}{c} \frac{1}{4} \\ S 34 \frac{1}{2} S 35 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.  
 dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft.  
 high, W. of cor.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 26, 27, 34 and 35, mkd. on  
 brass cap

$$\begin{array}{c} T 22 N R 10 E \\ S 27 \frac{1}{2} S 26 \\ S 34 \frac{1}{2} S 35 \\ 1916 \end{array}$$

from which,

- A cedar, 6 ins. diam., brs. N.  $28\frac{1}{2}^{\circ} E.$   
 276 lks. dist.; mkd. T 22 N R 10 E S 26 B T.
- A cedar, 9 ins. diam., brs. S.  $60\frac{1}{2}^{\circ} E.$   
 306 lks. dist.; mkd. T 22 N R 10 E S 35 B T.
- A pinyon, 8 ins. diam., brs. N.  $31^{\circ} W.$   
 195 lks. dist.; mkd. T 22 N R 10 E S 27 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, gently rolling.  
 Soil, dark gravelly loam, coarse texture.  
 Timber, scattering scrub cedar.  
 Undergrowth, rabbit brush.  
 Good grass.

Subdivision of T. 22 N., R. 10 E.

Chains

40.00 East on a random line bet. secs. 26 and 35.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect N. and S. lines, 4 lks. N. of cor. of secs. 25, 26, 35 and 36,  
Thence  
N.  $89^{\circ} 58'$  W. on a true line bet. secs. 26 and 35.  
Over nearly level land, through scattering timber and undergrowth.

40.01 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 26  
S 35  
1916

80.02 and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
The cor. of secs. 26, 27, 34 and 35.  
Land, nearly level.  
Soil, dark sandy clay loam, medium texture and hardpan subsoil.  
Timber, scattering scrub cedar.  
Undergrowth, rabbit brush.  
Good grass.

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N.  $0^{\circ} 1'$  W. bet. secs. 26 and 27.  
Over gently rolling land, through scattering timber and undergrowth.

2.50 Right bank of San Francisco Wash brs. NE. and SW.

3.60 San Francisco wash, 80 lks. wide, 5 ft. deep, clear water, course NE.

7.00 Left bank of wash brs. NE. and SW. Thence over rolling 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

$\frac{1}{4}$   
S27 | S26  
1916

from which,  
A cedar, 4 ins. diam., brs. S.  $71\frac{1}{2}^{\circ}$  E.  
168 lks. dist.; mkd.  $\frac{1}{4}$  S 26 B T.  
A cedar, 5 ins. diam., brs. S.  $75\frac{1}{2}^{\circ}$  W.  
115 lks. dist.; mkd.  $\frac{1}{4}$  S 27 B T.

Asc. gradual slope.

55.00 Low spur slopes NE. Thence 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

T22N R10E  
S22 | S23  
S27 | S26  
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 sandy loam, medium texture, 24 ins. deep, gravelly surface.  
Timber, scattering cedar.  
Undergrowth, dense short rabbit brush.  
Good grass.  
Lava formation. Drainage NE.

12

Subdivision of T. 22 N. R. 10 E.

Chains

40.00 East on a random line bet. secs. 23 and 26.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 23, 24, 25 and 26.  
 Thence  
 S.  $89^{\circ} 59'$  W. on a true line bet. secs. 23 and 26.  
 Over gently rolling land, through scattering undergrowth, and scrub timber.  
 39.98 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 23  
 $\frac{1}{4}$  S 26  
 1916

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Leave timber and undergrowth, bears NE. and SW.  
 79.96 The cor. of secs. 22, 23, 26 and 27.  
 Land, gently rolling.  
 Soil, dark clay loam, coarse texture, gravelly surface.  
 Timber, scattering scrub cedar in first half mile.  
 Undergrowth, scattering rabbit brush in first half mile.  
 Good grass.

N.  $0^{\circ} 1'$  W. bet. secs. 22 and 23.  
 Over gentle NE. slope through scattering timber and undergrowth.  
 29.70 Road brs. S.  $75^{\circ}$  E. to Flagstaff and N.  $75^{\circ}$  W. to Leupp.  
 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

$\frac{1}{4}$   
 S22 | S23  
 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.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of sec. 14, 15, 22 and 23, mkd. on brass cap

T22N R10E  
 S15 | S14  
 S22 | S23  
 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 post.  
 Land, rolling to NE.  
 Soil, dark sandy loam, medium texture, gravelly on surface.  
 Timber, scattering scrub cedar.  
 Undergrowth, rabbit brush.  
 Fair grass.

40.00 East on a random line bet. secs. 14 and 23.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect N. and S. line, 9 lks. S. of cor. of secs. 13, 14, 23 and 24.  
 Thence  
 S.  $89^{\circ} 56'$  W. on a true line bet. secs. 14 and 23.  
 Over mountainous land, through scattering timber and undergrowth.

Subdivision of T. 22 N., R. 10 E.

Chains

6.00 Asc. gradual slope, 52 ft.  
 26.00 Spur slopes S. for 5 chs. Desc. 120 ft.  
 31220 Bottom of head of draw, course SE. Asc. 102 ft. to  
 39.98 Spur slopes S. for 5 chs. dist. Desc. 233 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

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

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

65.00 Desc. 75 ft.  
 79.96 Swale course NW. Thence over nearly level land.  
 The cor. of secs. 14, 15, 22 and 23.  
 Land, mountainous and rolling.  
 Soil, poor to medium gravelly and rocky, coarse texture.  
 Timber, scattering cedar.  
 Undergrowth, rabbit brush, schadscale.  
 Fair grass.  
 Lava formation. Drainage SE.

N. 0° 1' W. bet. secs. 14 and 15.  
 Over gently rolling land, through scattering  
 timber and dense 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

$$\begin{array}{r} \frac{1}{4} \\ S15 | S14 \\ \hline 1916 \end{array}$$

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. Thence over level land.

63.10 Road brs. SW. to Flagstaff and NE. to Grand Falls.  
 80.00 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

$$\begin{array}{r} T22N R10E \\ S10 | S11 \\ \hline S15 | S14 \\ 1916 \end{array}$$

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

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

40.00 East on a random line bet. secs. 11 and 14.  
 79.88 Set temp.  $\frac{1}{4}$  sec. cor:  
 Intersect N. and S. line, 5 lks. S. of cor. of secs. 11,  
 12, 13 and 14.

Thence  
 S. 89° 58' W. on a true line bet. secs. 11 and 14.  
 Over level land, through scattering undergrowth.  
 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

$$\begin{array}{r} S 11 \\ \frac{1}{4} S 14 \\ \hline 1916 \end{array}$$

14

Subdivision of T. 22 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, 3½ ft. base, 1½ ft. high, N. of cor.  
 40.88 Road brs. SW. to Flagstaff and NE. to Grand Falls.  
 79.88 The cor. of secs. 10, 11, 14 and 15.  
 Land, level.  
 Soil, fairly good, dark sandy loam, medium texture, lava gravel on surface.  
 No timber.  
 Undergrowth, scattering rabbit brush and schadscale.  
 Good grass.

N. 0° 1° W. bet. secs. 10 and 11.  
 Over rolling land, through scattering timber and undergrowth.  
 Asc. SE. slope, 86 ft.  
 6.50 Edge of mesa brs. NE. and SW. Thence over gently rolling top of mesa.  
 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

$\frac{1}{4}$   
 S10 | S11  
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 68.00 Leave mesa; descend N. slope, 66 ft.  
 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

T22N R10E  
 S 3 | S 2  
 S10 | S11  
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
 Land, rolling.  
 Soil, poor dark loam, medium texture, rocky, gravelly surface, volcanic formation.  
 Timber, few scattering cedar trees.  
 Undergrowth, dense rabbit brush and buck brush.  
 Good grass.

40.00 East on a random line bet. secs. 2 and 11.  
 79.84 Set temp. ¼ sec. cor.  
 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 1, 2, 11 and 12.

Thence  
 S. 89° 59' W. on a true line bet. secs. 2 and 11.  
 Over rolling land, through scattering timber and undergrowth.

34.80 Bottom of hollow course NE.  
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

$\frac{1}{4}$  S 2  
 S 11  
 1916

55.00 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. & raise mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.  
 Asc. gradual slope.



Subdivision of T. 22 N., R. 10 E.

Chains

65.00 Spur slopes NE. 25 chs. Desc. 46 ft.  
 79.84 The cor. of secs. 2, 3, 10 and 11.  
 Land, rolling and broken, general drainage, NE.  
 Soil, dark loam, coarse texture, rocky, gravelly on surface.  
 Timber, scattering cedar.  
 Undergrowth, scattering rabbit brush.  
 Good grass.

40.00 N. 0° 1' W. on a random line bet. secs. 2 and 3.  
 Set temp. 1/4 sec. cor.  
 79.95 Intersect N. bdy. of Tp., 22 lks. E. of the cor. of secs.  
 2, 3, 34 and 35, described in Book "E".  
 Thence  
 S. 0° 10' E. on a true line bet. secs. 2 and 3.  
 39.95 Over rolling land, through scattering 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

1/4  
 S 3 | S 2  
 1916

75.00 Dig pits, 18x18x12 ins. N. & S. of post, 3 ft. dist., & raise a  
 mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor. of secs. 2, 3, 10 and 11.  
 79.95 Thence over level land.  
 Asc. gradual slope from basin to  
 The cor. of secs. 2, 3, 10 and 11.  
 Land, gently rolling and level.  
 Soil, good, dark sandy loam, medium texture, lava gravel  
 on surface.  
 No timber.  
 Undergrowth, scattering rabbit brush.  
 Good grass.

40.00 From the cor. of secs; 3, 4, 33 and 34 <sup>on</sup> S. bdy. of Tp.,  
 hereinbefore described.  
 N. 0° 2' W. bet. secs. 33 and 34.  
 Over gently rolling land, through dense timber and  
 scattering 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.

1/4  
 S 33 | S 34  
 1916

from which,

- A pinyon, 6 ins. diam., brs. S. 79 3/4° E.  
 92 lks. dist.; mkd. 1/4 S 34 B T.
- A pinyon, 6 ins. diam., brs. N. 71 3/4° W.  
 17 lks. dist.; mkd. 1/4 S 33 B T.

53.00 Right bank of San Francisco wash, bears N. 80° E. and SW.  
 Desc. 50 ft. to  
 54.40 Edge of water of San Francisco wash, 100 lks. wide, 5 ft.  
 deep, clear water, course N. 80° E.  
 58.00 Left bank of wash, brs. NE. and SW. Ascend SE slope of  
 mound in center of wash.  
 80.00 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

T22N R10E  
 S28 | S27  
 S33 | S34  
 1916

from which,

16

Subdivision of T. 22 N. R. 10 E

Chains

- A cedar, 5 ins. diam., brs. N.  $54\frac{3}{4}^{\circ}$  E.  
87 lks. dist.; mkd. T 22 N R 10 E S 27 B T.  
A cedar, 10 ins. diam., brs. S.  $35\frac{1}{2}^{\circ}$  E.  
118 lks. dist.; mkd. T 22 N R 10 E S 34 B T.  
A cedar, 9 ins. diam., brs. S.  $25\frac{3}{4}^{\circ}$  W.  
65 lks. dist.; mkd. T 22 N R 10 E S 33 B T.  
A cedar, 7 ins. diam., brs. N.  $23\frac{3}{4}^{\circ}$  W.  
88 lks. dist.; mkd. T 22 N R 10 E S 28 B T.

Land, rolling and rolling mountainous.  
Soil, dark clay loam, coarse texture, gravelly surface.  
Timber, dense cedar and pinyon, and walnut trees along wash.  
Undergrowth, scattering rabbit brush.  
Good grass.  
Drainage E.

- East on a random line bet. bsecs. 27 and 34.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
40.09 On account of rim-rock along bank of river, at this point  
offset N. 2 chs. dist. Thence east on offset line.  
55.09 Offset S. 2 chs. dist. to random line.  
80.18 Intersect N. and S. line, 10 lks. S. of cor. of secs.  
26, 27, 34 and 35.  
Thence  
S.  $89^{\circ} 56'$  W. on a true line bet. secs. 27 and 34.  
Over rolling and broken land, through dense timber and  
scattering undergrowth.  
4.00 Right bank of San Francisco wash brs. NE. and SW.  
4.40 San Francisco wash, 100 lks. wide, 5 ft. deep, clear water,  
course NE. Asc. 34 ft. to  
9.18 Rim-rock on left bank of wash brs. NE. and SW.  
25.09 Offset N. 2.00 chs. dist. to avoid San Francisco wash.  
Thence  
S.  $89^{\circ} 56'$  W. on offset line.  
25.90 Edge of rim-rock on left bank of wash brs. SE. and NW.  
27.70 Edge of water in wash brs. SE. and NW.  
35.20 Edge of water in wash brs. E. and W. Asc. 34 ft.  
38.20 Edge of rim-rock on left bank of wash brs. NE. and SW.  
40.09 Offset S. 2.00 chs. to true line at the intersection of  
which  
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the  
ground, in a mound of stone, for  $\frac{1}{4}$  sec. cor., mkd. on  
brass cap

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

- from which,  
A cedar, 7 ins. diam., brs. N.  $60\frac{1}{2}^{\circ}$  E.  
209 lks. dist.; mkd.  $\frac{1}{4}$  S 27 B T.  
A cedar, 10 ins. diam., brs. S.  $76\frac{1}{2}^{\circ}$  W.  
297 lks. dist.; mkd.  $\frac{1}{4}$  S 34 B T.  
80.18 thence over rolling E. slope. Ascend 95 ft.  
The cor. of secs. 27, 28, 33 and 34.  
Land, rolling and broken, general drainage, E.  
Soil, poor, rocky and gravelly loam.  
Timber, dense cedar and pinyon.  
Undergrowth, scattering rabbit brush.  
Sparse grass.  
Lava formation.

- N.  $0^{\circ} 2'$  W. bet. secs. 27 and 28.  
Over rolling and broken land, through dense timber and  
scattering undergrowth.  
Desc. 58 ft.  
20.00 Swale course SE. Asc. gentle S. 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

Chains

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

from which,

A cedar, 5 ins. diam., brs. N.  $46\frac{1}{4}^\circ$  E.  
16 lks. dist.; mkd.  $\frac{1}{4}$  S 27 B T.

A cedar, 5 ins. diam., brs. N.  $35^\circ$  W.  
35 lks. dist.; mkd.  $\frac{1}{4}$  S 28 B T.

Continuous cover gently rolling land.

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

T22N R10E  
S21 | S22  
S28 | S27  
1916

from which,

A cedar, 6 ins. diam., brs. N.  $71\frac{1}{4}^\circ$  E.  
105 lks. dist.; mkd. T 22 N R 10 E S 22 B.T.

A cedar, 9 ins. diam., brs. S.  $31\frac{1}{4}^\circ$  E.  
174 lks. dist.; mkd. T 22 N R 10 E S 27 B T.

A cedar, 6 ins. diam., brs. S.  $34\frac{1}{4}^\circ$  W.  
84 lks. dist.; mkd. T 22 N R 10 E S 28 B T.

A cedar, 5 ins. diam., brs. N.  $53\frac{1}{4}^\circ$  W.  
120 lks. dist.; mkd. T 22 N R 10 E S 21 B T.

Land, rolling, mountainous, general drainage, SE.

Soil, dark loam, medium texture.

Timber, dense cedar and pinyon.

Undergrowth, very scattering and none.

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, 2 lks. S. of cor. of secs. 22, 23, 26 and 27.

Thence

S.  $89^\circ 59'$  W. on a true line bet. secs. 22 and 27.

Over rolling mountainous land, through scattering timber and undergrowth.

Asc. E. slope, 130 ft.

30.15

Change to SE. slope.

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

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

Asc. 160 ft. to

50.45

Ridge brs. N.  $20^\circ$  W. and S.  $20^\circ$  E. Desc. 222 ft.

60.15

Enter rolling land; descend gradual SE. slope. Enter heavy

80.16

The cor. of secs. 21, 22, 27 and 28. timber, bears NW. and SE.

Land, mountainous and rolling.

Soil, poor, gravelly loam, medium texture.

Timber, cedar and pinion.

Undergrowth, rabbit brush.

Fair grass.

Chains

N. 0° 2' W. bet. secs. 21 and 22.  
 Over rolling mountainous land, through dense timber and  
 Ass. 29 ft. on S. slope.  
 16.20 Top of ascent brs. E. and W. 10 chs. Desc. NE. slope, 33  
 ft.  
 24.70 Draw, course NE. Asc. SE. slope, 32 ft. to  
 35.00 Top of spur slopes N. 60° E. for 10 chs. Desc. 62 ft.  
 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

1  
 S21 | S22  
 1916

from which,  
 A cedar, 8 ins. diam., brs. S. 42¾° E.  
 313 lks. dist.; mkd. ¼ S 22 B T.  
 A cedar, 8 ins. diam., brs. S. 34½° W.  
 188 lks. dist.; mkd. ¼ S 21 B T.

53.40 Enter rolling land; descend gradual NE. slope.  
 Road brs. SE. to Flagstaff and NW. to Leupp Indian School.  
 80.00 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

T22N R10E  
 S16 | S15  
 S21 | S22  
 1916

from which,  
 A cedar, 7 ins. diam., brs. N. 71¾° E.  
 91 lks. dist.; mkd. T 22 N R 10 E S 15 B T.  
 A cedar, 7 ins. diam., brs. S. 37° E.  
 185 lks. dist.; mkd. T 22 N R 10 E S 22 B T.  
 A cedar, 8 ins. diam., brs. S. 19¾° W.  
 94 lks. dist.; mkd. T 22 N R 10 E S 21 B T.  
 A cedar, 8 ins. diam., brs. N. 79½° W.  
 125 lks. dist.; mkd. T 22 N R 10 E S 16 B T.

Land, mountainous and rolling, 10 chs. drains S. remainder, NE.  
 Soil, poor, gravelly and rocky loam, volcanic ash on sur-  
 face.  
 Timber, dense cedar and pinyon.  
 Undergrowth, scattering rabbit brush.  
 Sparse grass.  
 Formation, lava.

40.00 East on a random line bet. secs. 15 and 22.  
 Set temp. ¼ sec. cor.  
 80.20 Intersect N. and S. line, 5 lks. S. of cor. of secs. 14,  
 15, 22 and 23.  
 Thence  
 S. 89° 58' W. on a true line bet. secs. 15 and 22.  
 Over gently rolling land, through timber and undergrowth.  
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for ¼ sec. cor., mkd. on brass cap

¼ S 15  
 ¼ S 22  
 1916

from which,  
 A cedar, 5 ins. diam., brs. N. 26½° W.  
 366 lks. dist.; mkd. ¼ S 15 B T.  
 A cedar, 9 ins. diam., brs. S. 10¼° E.  
 207 lks. dist.; mkd. ¼ S 22 B T.

52.10 Road brs. SE. to Flagstaff and NW. to Leupp.  
 Leave scattering timber, enter dense timber and under-  
 80.20 The cor. of secs. 15, 16, 21 and 22. growth, bears N.  
 and S.

Chains

Land, rolling, general drainage, E.  
Soil, medium dark gravelly loam, volcanic ash on surface.  
Timber, cedar and pinyon.  
Undergrowth, rabbit brush.  
Good grass on east half mile.

N. 0° 2' W. bet. secs. 15 and 16.  
Over gently rolling land, sloping NE. through dense timber  
and scattering undergrowth.  
32.60 Road brs. SE. to Flagstaff and NW. to Leupp.  
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

from which,  
A cedar, 9 ins. diam., brs. S. 70 3/4° E.  
150 lks. dist.; mkd. 1/4 S 15 B T.  
A cedar, 6 ins. diam., brs. S. 28 3/4° W.  
45 lks. dist.; mkd. 1/4 S 16 B T.

Leave dense timber enter scattering timber and dense  
undergrowth, bears E. and W.  
50.00 Swale course E. Asc. gradual SE. slope.  
57.75 Road brs. W. to Grand Falls and E. to Flagstaff.  
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

T22N R10E  
S 9 | S10  
S16 | S15  
1916

from which,  
A pinyon, 5 ins. diam., brs. N. 77° E.  
75 lks. dist.; mkd. T 22 N R 10 E S 10 B T.  
A cedar, 7 ins. diam., brs. S. 59 1/4° E.  
111 lks. dist.; mkd. T 22 N R 10 E S 15 B T.  
A cedar, 7 ins. diam., brs. S. 17 1/2° W.  
130 lks. dist.; mkd. T 22 N R 10 E S 16 B T.  
A cedar, 9 ins. diam., brs. N. 21 1/2° W.  
120 lks. dist.; mkd. T 22 N R 10 E S 9 B T;

Land, rolling  
Soil, good, dark sandy loam, medium texture.  
Timber, cedar and pinyon.  
Undergrowth, rabbit brush.  
Good grass.

40.00 East on a random line bet. secs. 10 and 15.  
80.22 Set temp. 1/4 sec. cor.  
Intersect N. and S. line, 12 lks. S. of the cor. of secs.  
10, 11, 14 and 15.

Thence  
S. 89° 55' W. on a true line bet. secs. 10 and 15.  
Over rolling land, through scattering timber and under-  
growth.

17.70 Asc. SE. slope, 91 ft.  
40.11 Thence across mesa brs. NE. and SW.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., mkd. on brass cap

S 10  
1/4 S 15  
1916

Chains

from which,  
 A cedar, 9 ins. diam., brs. N. 49 $\frac{3}{4}$ ° E.  
 239 lks. dist.; mkd.  $\frac{1}{4}$  S 10 B T.  
 A cedar limb, 6 ins. diam., brs. S. 48 $\frac{1}{2}$ ° W.  
 313 lks. dist.; mkd.  $\frac{1}{4}$  S 15 B T.  
 50.20 Edge of mesa brs. SE. and NW. Desc. gradual slope.  
 80.22 The cor. of secs. 9, 10, 15 and 16.  
 Land, rolling ~~mesa~~, general drainage S.  
 Soil, poor, dark loam, coarse texture and rocky.  
 Timber, scattering cedar.  
 Undergrowth, rabbit brush and buck brush.  
 Fair grass.  
 Formation, lava.

N. 0° 2' W. bet. secs. 9 and 10.  
 Over rolling land, through scattering timber and under-  
 growth.  
 3.00 Edge of mesa brs. NE. and SW. Thence across mesa.  
 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  
  

$$\begin{array}{c} \frac{1}{4} \\ S\ 9\ | \ S\ 10 \\ 1916 \end{array}$$

from which,  
 A cedar, 10 ins. diam., brs. S. 31° E.  
 151 lks. dist.; mkd.  $\frac{1}{4}$  S 10 B T.  
 A cedar, 6 ins. diam., brs. S. 76 $\frac{3}{4}$ ° W.  
 99 lks. dist.; mkd.  $\frac{1}{4}$  S 9 B T.  
 43.00 Edge of mesa brs. E. and W. Leave mesa rolling land.  
 Desc. gradual N. slope, 42 ft.  
 55.00 Swale course E. Asc. gradual SE. slope, 23 ft.  
 70.00 Leave scattering timber brs. SE. and NW.  
 76.60 Road brs. NE. to Grand Falls, and SW. to Flagstaff.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 3, 4, 9 and 10, mkd. on  
 brass cap  
  

$$\begin{array}{c} T22N\ R10E \\ S\ 4\ | \ S\ 3 \\ S\ 9\ | \ S\ 10 \\ 1916 \end{array}$$

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.  
 Land, rolling and level, sec. 3; remainder rolling.  
 Soil, good, dark loam, medium texture, volcanic ash on  
 surface.  
 Timber, scattering cedar on S. 70 lks.  
 Undergrowth, rabbit brush and buck brush.  
 Fair grass.  
 Drainage E.

East on a random line bet. secs. 3 and 10;  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.24 Intersect N. and S. line, 16 lks. S. of the cor. of secs.  
 2, 3, 10 and 11.  
 Thence  
 S. 89° 53' W. on a true line bet. secs. 3 and 10.  
 Over rolling land, thru scattering ~~brush~~ under-  
 growth.  
 Desc. gradual slope.  
 35.00 Swale course NE. Asc. gradual slope.  
 40.12 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

Chains

1/4 S 3  
S 10  
1916

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

Asc. SE. slope, 40 ft.

45.00 Thence over gently rolling land.

72.00 Small circular cedar post corral 1 ch. diam., brs. S.  
4 chs. dist.

78.63 Road brs. SW. and NE.

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

Land, rolling.

Soil, good, dark sandy loam, medium texture, lava gravel  
on surface.

Timber, scattering cedar.

Undergrowth, scattering rabbit brush and mountain rush.

Drainage NE.

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

40.00 Set temp. 1/4 sec. cor.

80.07 Intersect N. bdy. of Tp., 5 lks. W. of the cor. of secs.  
3, 4, 33 and 34, described in book "E".

Thence

South on a true line bet. secs. 3 and 4.

Over rolling land, through scattering timber and under-  
growth.

Asc. 23 ft. to

10.00 Spur slopes E. Desc. 44 ft.

31.20 Head of draw, course NE. Asc. NW. slope, 105 ft.

36.50 Spur slopes SW. Desc. 28 ft.

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 4 | S 3  
1916

from which,

A cedar, 8 ins. diam., brs. S. 77 3/4° E.

137 lks. dist.; mkd. 1/4 S 3 B T.

A cedar, 9 ins. diam., brs. S. 36 1/4° W.

136 lks. dist.; mkd. 1/4 S 4 B T.

Desc. 97 ft. to

50.00 Thence over gently rolling land.

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

Land, mountainous and rolling.

Soil, dark loam, coarse and medium texture, lava gravel  
on surface.

Timber, scattering cedar.

Undergrowth, scattering rabbit brush.

Good grass.

on

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

N. 0° 3' W. bet. secs. 32 and 33.

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 1/4 sec. cor., mkd. on brass cap

1/4  
S 32 | S 33  
1916

from which,

22

Subdivision of T. 22 N., R. 10 E.

Chains

A cedar, 10 ins. diam., brs. N.  $55\frac{3}{4}^{\circ}$  E.  
 41 lks. dist.; mkd.  $\frac{1}{4}$  S 33 B T.  
 A cedar, 10 ins. diam., brs. N.  $17\frac{1}{2}^{\circ}$  W.  
 25 lks. dist.; mkd.  $\frac{1}{4}$  S 32 B T.  
 45.00 S. rim of San Francisco wash, brs. E. and W.  
 45.94 San Francisco wash, 45 lks. wide,  $1\frac{1}{2}$  ft. deep, clear running  
 water, course E. Asc. 50 ft. to  
 48.53 N. rim of San Francisco wash. Enter rolling land.  
 49.93 Old Indian ruins bear W. 70 lks. dist.  
 59.91 Top of round knoll. Desc. 29 ft.  
 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

T22N R10E  
 S29|S28  
 S32|S33  
 1916

from which,

A pinyon, 14 ins. diam., brs. N.  $60^{\circ}$  E.  
 112 lks. dist.; mkd. T 22 N R 10 E S 28 B T.  
 A cedar, 10 ins. diam., brs. S.  $40\frac{3}{4}^{\circ}$  E.  
 123 lks. dist.; mkd. T 22 N R 10 E S 33 B T.  
 A pinyon, 14 ins. diam., brs. S.  $25\frac{1}{4}^{\circ}$  W.  
 140 lks. dist.; mkd. T 22 N R 10 E S 32 B T.  
 A pinyon, 16 ins. diam., brs. N.  $6\frac{1}{4}^{\circ}$  W.  
 42 lks. dist.; mkd. T 22 N R 10 E S 29 B T.

Land, nearly level and rolling.  
 Soil, coarse texture.  
 Timber, scrub cedar and pinyon.  
 Undergrowth, scattering rabbit brush.  
 Sparse grass.

40.00 East on a random line bet. secs. 28 and 33.  
 79.76 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
 27, 28, 33 and 34.  
 Thence  
 S.  $89^{\circ} 59'$  W. on a true line bet. secs. 28 and 33.  
 Over gently rolling land, through scattering undergrowth  
 and dense timber.  
 39.88 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 28  
 S 33  
 1916

from which,

A pinyon, 14 ins. diam., brs. N.  $83\frac{1}{2}^{\circ}$  E.  
 111 lks. dist.; mkd.  $\frac{1}{4}$  S 28 B T.  
 A cedar, 10 ins. diam., brs. S.  $55^{\circ}$  W.  
 53 lks. dist.; mkd.  $\frac{1}{4}$  S 33 B T.

79.76 The cor. of secs. 28, 29, 32 and 33.  
 Land, gently rolling.  
 Soil, coarse texture, scattering boulders on surface.  
 Timber, dense cedar and pinyon.  
 Undergrowth, scattering scrub cedar.  
 Sparse grass.

40.00 N.  $0^{\circ} 3'$  W. bet. secs. 28 and 29.  
 Over nearly level land, through dense timber and scattering  
 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



Chains

$\frac{1}{4}$   
S29 | S28  
1916

from which,

A pinyon, 12 ins. diam., brs. S.  $49\frac{3}{4}^{\circ}$  E.

84 lks. dist.; mkd.  $\frac{1}{4}$  S 28 B T.

A cedar, 10 ins. diam., brs. S.  $44\frac{1}{4}^{\circ}$  W.

36 lks. dist.; mkd.  $\frac{1}{4}$  S 29 B T.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, mkd. on brass cap

T22N R10E  
S20 | S21  
S29 | S28  
1916

from which,

A pinyon, 5 ins. diam., brs. N.  $69\frac{1}{2}^{\circ}$  E.

93 lks. dist.; mkd. T 22 N R 10 E S 21 B T.

A cedar, 12 ins. diam., brs. S.  $55\frac{1}{2}^{\circ}$  E.

57 lks. dist.; mkd. T 22 N R 10 E S 28 B T.

A cedar, 8 ins. diam., brs. S.  $77\frac{1}{2}^{\circ}$  W.

130 lks. dist.; mkd. T 22 N R 10 E S 29 B T.

A cedar, 7 ins. diam., brs. N.  $64^{\circ}$  W.

150 lks. dist.; mkd. T 22 N R 10 E S 20 B T.

Land, gently rolling, almost level.

Soil, coarse texture.

Timber, dense cedar and pinyon.

Undergrowth, scattering sagebrush.

Fair grass.

40.00 East on a random line bet. secs. 21 and 28.  
79.82 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line, 2 lks. N. of cor. of secs. 21, 22, 27 and 28.

Thence

N.  $89^{\circ} 59'$  W. on a true line bet. secs. 21 and 28.

Over gently rolling land, through dense timber and scattering undergrowth.

39.91 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 21  
S 28  
1916

from which,

A cedar, 5 ins. diam., brs. N.  $12^{\circ}$  E.

205 lks. dist.; mkd.  $\frac{1}{4}$  S 21 B T.

A cedar, 8 ins. diam., brs. S.  $15^{\circ}$  E.

185 lks. dist.; mkd.  $\frac{1}{4}$  S 28 B T.

79.82 The cor. of secs. 20, 21, 28 and 29.

Land, gently rolling.

Soil, coarse texture.

Timber, dense scrub cedar.

Undergrowth, scattering rabbit brush.

Fair grass.

35.00 N.  $0^{\circ} 3'$  W. bet. secs. 20 and 21.  
40.00 Over gently rolling land, through scattering timber and undergrowth.  
Old Indian pits bear E. about 85 lks. dist.  
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

24 Subdivision of T. 22 N., R. 10 E.

Chains

$\frac{1}{4}$   
 S20 | S21  
 1916

from which,

A cedar, 6 ins. diam., brs. N. 32° E.

77 lks. dist.; mkd.  $\frac{1}{4}$  S 21 B T.

A cedar, 5 ins. diam., brs. N. 32 $\frac{3}{4}$ ° W.

50 lks. dist.; mkd.  $\frac{1}{4}$  S 20 B T.

59.00

Old wagon road brs. E. and W.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, mkd. on brass cap

T22N R10E  
 S17 | S16  
 S20 | S21  
 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, coarse texture.

Timber, cedar and pinyon.

Undergrowth, scattering sagebrush.

Good grass.

40.00

East on a random line bet. secs. 16 and 21.

79.78

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

Intersect the corner of secs. 15, 16, 21 and 22. 15, 16, 21 and 22.

Thence

West on a true line bet. secs. 16 and 21.

Over gently rolling land, through scattering timber and undergrowth.

25.00

Asc. 107 ft.

33.80

Top of slope, brs. N. and S. Descend 34 ft.

39.89

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

from which,

A cedar, 10 ins. diam., brs. N. 16° W.

137 lks. dist.; mkd.  $\frac{1}{4}$  S 16 B T.

A cedar, 8 ins. diam., brs. S. 59 $\frac{1}{2}$ ° E.

358 lks. dist.; mkd.  $\frac{1}{4}$  S 21 B T.

79.78

The cor. of secs. 16, 17, 20 and 21.

Land, gently rolling.

Soil, coarse texture.

Timber, scattering cedar and pinyon.

Undergrowth, buck brush and sagebrush.

Good grass.

40.00

N. 0° 3' W. bet. secs. 16 and 17.

Over gently rolling 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

Subdivision of T. 22 N., R. 10 E.

Chains

1  
S17 | S16  
1916

from which,  
A cedar, 8 ins. diam., brs. S. 80 1/2° E.  
97 lks. dist.; mkd. 1/4 S 16 B T.  
A cedar, 6 ins. diam., brs. N. 87 3/4° W.  
99 lks. dist.; mkd. 1/4 S 17 B T.

50.90 Wagon road brs. SW. to Flagstaff and NE. to Grand Falls.  
68.20 Rocky ledge brs. NE. and SW. Enter lava field.  
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the  
ground, for cor. of secs. 8, 9, 16 and 17, mkd. on  
brass cap.

T22N R10E  
S 8 | S 9  
S17 | S16  
1916

from which,  
A pinyon, 18 ins. diam., brs. S. 20° E.  
243 lks. dist.; mkd. T 22 N R 10 E S 16 B T.  
No other trees within limits.  
Raise a mound of stone, 3 ft. base, 3 ft. high W. of cor.  
Land, gently rolling.  
Soil, coarse texture, volcanic formation.  
Timber, scrub cedar and pinyon.  
Undergrowth, buck brush and rabbit brush.  
Fair grass.

40.00 East on a random line bet. secs. 9 and 16.  
Set temp. 1/4 sec. cor.  
79.85 Intersect N. and S. line, 6 lks. N. of cor. of secs. 9,  
10, 15 and 16.  
Thence  
N. 89° 57' W. on a true line bet. secs. 9 and 16.  
Over gently rolling land, through scattering timber and  
undergrowth.  
20.45 Old wagon road brs. NE. and SW.  
39.92 1/2 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. 2 cor., mkd. on brass cap

1/4 S 9  
S 16  
1916

from which,  
A cedar, 20 ins. diam., brs. N. 75 1/2° W.  
66 lks. dist.; mkd. 1/4 S 9 B T.  
A cedar, 10 ins. diam., brs. S. 53 1/2° E.  
44 lks. dist.; mkd. 1/4 S 16 B T.

41.57 Wagon road brs. SW. to Flagstaff and NE. to Grand Falls.  
Desc. 28 ft.  
62.55 Rim rock brs. NE. and SW. Enter lava field.  
79.85 The cor. of secs. 8, 9, 16 and 17.  
Land, gently rolling.  
Soil, coarse texture, volcanic formation.  
Timber, cedar and pinyon.  
Undergrowth, buck brush and sagebrush.  
Fair grass.

26

Subdivision of T. 22 N., R. 10 E.

Chains

N. 0° 3' W. bet. secs. 8 and 9.  
 Over nearly level land, through scattering timber and undergrowth, across old lava bed.  
 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

$$\begin{array}{c} \frac{1}{4} \\ S\ 8\ | \ S\ 9 \\ \hline 1916 \end{array}$$

from which,  
 . A cedar, 6 ins. diam., brs. N.  $\frac{1}{2}$ ° E.  
 114 lks. dist.; mkd.  $\frac{1}{4}$  S 9 B T.  
 A cedar, 30 ins. diam., brs. S. 31° W.  
 158 lks. dist.; mkd.  $\frac{1}{4}$  S 8 B T.  
 43.50 Leave old lava field. Desc. gradual slope.  
 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

T22N R10E  

$$\begin{array}{c} S\ 5\ | \ S\ 4 \\ \hline S\ 8\ | \ S\ 9 \\ \hline 1916 \end{array}$$

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.  
 Land, gently rolling, and broken.  
 Soil, coarse texture, volcanic formation.  
 Timber, scattering scrub cedar and pinyon.  
 Undergrowth, buck brush and rabbit brush.  
 Good grass.

40.00 East on a random line bet. secs. 4 and 9.  
 79.80 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line, 15 lks. N. of cor. of secs. 3, 4, 9 and 10.

Thence  
 N. 89° 54' W. on a true line bet. secs. 4 and 9.  
 Over gently rolling land, through scattering timber and undergrowth.  
 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

$$\begin{array}{c} \frac{1}{4} \ S \ 4 \\ \hline S \ 9 \\ \hline 1916 \end{array}$$

from which,  
 A cedar, 7 ins. diam., brs. N. 9 $\frac{3}{4}$ ° E.  
 45 lks. dist.; mkd.  $\frac{1}{4}$  S 4 F T.  
 A cedar, 8 ins. diam., brs. S. 79 $\frac{1}{2}$ ° E.  
 58 lks. dist.; mkd.  $\frac{1}{4}$  S 9 F T.  
 79.80 The cor. of secs. 4, 5, 8 and 9.  
 Land, gently rolling.  
 Soil, coarse texture.  
 Timber, scrub cedar and pinyon.  
 Undergrowth, scattering rabbit brush.  
 Good grass.

Chains

40.00 N. 0° 3' W. on arandom line bet. secs. 4 and 5.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.87 Intersect N. bdy. of Tp., 16 lks. E. of the cor. of secs  
 4, 5, 32 and 33, described in Book "E".

Thence  
 S. 0° 10' E. on a true line bet. secs. 4 and 5.  
 Over gently rolling land, through scattering timber and  
 undergrowth.  
 39.89 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

from which,  
 A cedar, 6 ins. diam., brs. N. 31 $\frac{1}{2}$ ° E.  
 253 lks. dist.; mkd.  $\frac{1}{4}$  S 4 B T.  
 A cedar, 6 ins. diam., brs. N. 45 $\frac{1}{2}$ ° W.  
 245 lks. dist.; mkd.  $\frac{1}{4}$  S 5 B T.

79.89 The cor. of secs. 4, 5, 8 and 9.  
 Land, gently rolling.  
 Soil, coarse texture.  
 Timber, scrub cedar and pinyon.  
 Undergrowth, scattering buck brush and rabbit brush.  
 Good grass.

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 gently rolling land, through scattering timber and  
 undergrowth.

31.10 S. bank of San Francisco wash brs. NE. and SW.  
 33.10 San Francisco wash, (water in holes) course E.  
 37.40 N. bank of wash brs. NE. 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

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

from which,  
 A cedar, 10 ins. diam., brs. N. 86° E.  
 24 lks. dist.; mkd.  $\frac{1}{4}$  S 32 B T.  
 A cedar, 10 ins. diam., brs. S. 48 $\frac{3}{4}$ ° W.  
 76 lks. dist.; mkd.  $\frac{1}{4}$  S 31 B T.

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

T22N R10E  
 S30 | S29  
 S31 | S32  
 1916

from which,  
 A cedar, 7 ins. diam., brs. N. 5° E.  
 62 lks. dist.; mkd. T 22 N R 10 E S 29 B T.  
 A cedar, 10 ins. diam., brs. S. 54 $\frac{1}{4}$ ° E.  
 71 lks. dist.; mkd. T 22 N R 10 E S 32 B T.  
 A cedar, 12 ins. diam.; brs. S. 54 $\frac{1}{2}$ ° W.  
 16 lks. dist.; mkd. T 22 N R 10 E S 31 B T.  
 A cedar, 12 ins. diam., brs. N. 74 $\frac{1}{4}$ ° W.  
 98 lks. dist.; mkd. T 22 N R 10 E S 30 B T.

Land, gently rolling.  
 Soil, coarse texture.  
 Timber, dense scrub cedar and pinyon.  
 Undergrowth, scattering rabbit brush.  
 Fair grass.

Chains  
 40.00 East on a random line bet. secs. 29 and 32.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.14 Intersect N. and S. line, 24 lks. S. of cor. of secs. 28, 29, 32, and 33.  
 Thence  
 S.  $89^{\circ} 50'$  W. on a true line bet. secs. 29 and 32.  
 Over rolling land, through dense timber.  
 40.07 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

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

from which,  
 A cedar, 6 ins. diam., brs. S.  $60\frac{1}{2}^{\circ}$  W.  
 58 lks. dist.; mkd.  $\frac{1}{4}$  S 32 B T.  
 A pinyon, 5 ins. diam., brs. N.  $12\frac{1}{2}^{\circ}$  W.  
 134 lks. dist.; mkd.  $\frac{1}{4}$  S 29 B T.

55.00 Asc. gradual slope.  
 56.87 Top of ascent, brs. N. and S. Descend gradual slope.  
 80.14 The cor. of secs. 29, 30, 31 and 32.  
 Land, gently rolling.  
 Soil, coarse texture.  
 Timber, dense cedar and pinyon.  
 Undergrowth, none.  
 Fair grass.

---

West, on true line, bet. secs. 30 and 31.  
 Over rolling land, through dense timber.  
 5.00 High pillar of lava rock, with Indian Ruins on top, brs. S. 6 chs. dist.  
 34.80 Road brs. SE. and NW. to Piper's ranch.  
 Asc. NE. slope, 70 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

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

from which,  
 A pinyon, 14 ins. diam., brs. N.  $61\frac{3}{4}^{\circ}$  E.  
 50 lks. dist.; mkd.  $\frac{1}{4}$  S 30 B T.  
 A pinyon, 4 ins. diam.; brs. S.  $24\frac{1}{2}^{\circ}$  E.  
 32 lks. dist.; mkd.  $\frac{1}{4}$  S 31 B T.

Enter broken land. Ascend 27 ft. to  
 41.70 Top of knoll.  
 47.00 Asc. 61 ft. to  
 50.00 Top of knoll. Desc. gradual slope.  
 70.00 Asc. 29 ft.  
 75.00 Low spur slopes S. 10 chs. Desc. 29 ft.  
 80.00 Over gently rolling land.  
 95.00 Desc. gradual slope.  
 100.88 Intersect E. bdy of T. 22 N. R. 9 E. 26.30 chs. N. 0812 E. bdy thereof of secs. 25 and 30, hereinafter described, and cor. 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

$$\begin{array}{r} T22N \\ R. 9E | R10E \\ \hline S25 | C \\ \hline S31 \\ \hline 1916 \end{array}$$

Chains.

from which,

A pinon, 14 ins. in diam., brs. N. 57 3/4° E., 63 lks. dist., marked T 22 N R 10 E S 30 CC BT 1/4

A cedar, 10 ins. in diam., brs. S. 40 1/2° E., 15 lks. dist., marked T 22 N R 10 E S 31 CC BT.

Land, rolling.

Soil, fair, dark loam, coarse texture, rocky.

Timber, heavy cedar and pinon.

Undergrowth, scattering rabbit brush.

Fair grass.

Resurvey of East Bdy. of sec. 25, T. 22 N., R. 9 E.

From the cor. of secs. 25 and 36, originally cor. of secs. 25, 30, 31 and 36, but changed as hereinbefore described,

40.02 North, on a random line, along E. bdy. of sec. 25 (S. half). Fall 14 lks. W. of the original 1/4 sec. cor., which is a lava rock, 10x6x6 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general. Change this cor. to refer to sec. 25 only, by destroying markings on bearing tree, E. of line.

Thence,

S. 0° 12' W., on a true line, along E. bdy. of sec. 25 (S. half).

Over rolling land, thru. heavy timber, no undergrowth.

10.00 Road brs. E. and W. Turkey Tanks to Piper Ranch.

21.00 Walnut Creek, or San Francisco wash, 100 lks. wide, dry, course E. Ascend 165 ft.

40.02 Intersect the cor. of secs. 25 and 36, hereinbefore described.

From the 1/4 sec. cor. of sec. 25, hereinbefore described, North, on a random line, along E. bdy. of sec. 25 (N. half).

40.00 Fall 13 lks. E. of the original cor. of secs. 19, 24, 25 and 30, which is a lava stone, 10x8x1 in. above ground, firmly set, marked and witnessed, as described by the surveyor general. Change to cor. of secs. 24 and 25, T. 22 N., R. 9 E. only by destroying marks on bearing trees E. of line.

Thence,

S. 0° 11' E., on a true line, along E. bdy. of sec. 25 (N. half).

Over rolling land, almost level, thru. dense timber and scattering undergrowth.

40.00 Intersect the 1/4 sec. cor. of sec. 25, hereinbefore described.

Land, rolling.

Soil, poor, dark loam, black cinders, coarse texture.

Timber, dense pinon and cedar, with scattering yellow pine.

Undergrowth, scattering rabbit brush.

Poor grass.

Lava formation. Drainage E.

## 30. Subdivision of Township 22 North, Range 10 East.

Chains.

From cor. of secs. 29, 30, 31 and 32,  
N. 0° 3' W., bet. secs. 29 and 30.  
Over gently rolling land, thru. timber.

20.00 Ascend 92 ft. to  
24.90 Top of ridge, brs. NW. and SE. Descend 34 ft.  
29.87 Draw, course SW.  
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,

S30 | S29  
1916

from which

A cedar, 10 ins. in diam., brs. S. 82° E., 19 lks.  
dist., marked  $\frac{1}{4}$  S 29 B T.  
A pinon, 18 ins. in diam., brs. S. 76 $\frac{1}{2}$ ° W., 90 lks.  
dist., marked  $\frac{1}{4}$  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,

T22N | R10E  
S19 | S20  
S30 | S29  
1916

from which,

A pinon, 9 ins. in diam., brs. N. 37 $\frac{1}{2}$ ° E., 123 lks.  
dist., marked T 22 N R10E S20 BT.  
A pinon, 12 ins. in diam., brs. S. 59° E., 138 lks.  
dist., marked T22 N R10E S29 BT.  
A cedar, 4 ins. in diam., brs. S. 34 $\frac{1}{2}$ ° W., 58 lks.  
dist., marked T 22N R10E S30 BT.  
A pinon, 14 ins. in diam., brs. N. 22 $\frac{1}{2}$ ° W., 112 lks.  
dist., marked T 22 N R10E S19BT.

Land, rolling.

Soil, coarse texture, volcanic formation.

Timber, dense cedar and pinon.

No undergrowth.

Fair grass.

East, on a random line, bet. secs. 20 and 29.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.12 Intersect N. and S. line, 24 lks. S. of cor. of secs. 20, 21, 28  
and 29.

Thence,

S. 89° 50' W., on a true line, bet. secs. 20 and 29.  
Over gently rolling land, thru. scattering timber and  
undergrowth.

30.00 Enter mountainous land; ascend 135 ft.  
40.06 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in  
the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

$\frac{1}{4}$  S 20  
S 29  
1916

from which,

A cedar, 6 ins. in diam., brs. N. 44 $\frac{3}{4}$ ° E., 170  
lks. dist., marked  $\frac{1}{4}$  S 20 E T.  
A cedar, 5 ins. in diam., brs. S. 41 $\frac{1}{2}$ ° W., 47 lks.  
dist., marked  $\frac{1}{4}$  S 29 B T.

Ascend 204 ft. to

53.10 Top of ascent; descend 284 ft.  
75.10 Draw, course SE. Ascend 29 ft. Enter rolling land.  
80.12 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and mountainous.

Soil, coarse texture, volcanic formation.

Timber, scattering cedar and pinon.

Undergrowth, buck brush, sage and grigham brush.

Fair grass.



Subdivision of T. 22 N., R. 10 E.

Chains

West base true line bet<sup>ns</sup> secs. 19 and 30.  
 Over rolling land, through dense timber and 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

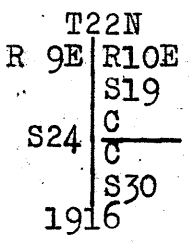
$\frac{1}{4}$  S 19  
 $\frac{1}{4}$  S 30  
 1916

from which,  
 A cedar, 10 ins. diam., brs. N.  $11\frac{3}{4}^{\circ}$  E.  
 87 lks. dist.; mkd.  $\frac{1}{4}$  S 19 B T.  
 A cedar, 8 ins. diam., brs. S.  $77\frac{1}{2}^{\circ}$  E.  
 76 lks. dist.; mkd.  $\frac{1}{4}$  S 30 B T.

68.20 Road brs. SW. to Flagstaff and NE. to Tolchaco and Grand Falls.

100.98 Intersect E. bdy. of T. 22 N. R. 9 E. 26<sup>s</sup> 47 chs. N  $30^{\circ}$  E of the reestablished cor. of secs. 24, and 25, hereinbefore 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. 19 and 30, mkd. on brass cap



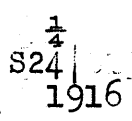
from which,  
 A cedar, 7 ins. diam., brs. N.  $22^{\circ}$  E.  
 19 lks. dist.; mkd. T 22 N R 10 E S 19 C C B T.  
 A pinyon, 12 ins. diam., brs. S.  $8\frac{1}{2}^{\circ}$  E.  
 129 lks. dist.; mkd. T 22 N R 10 E S 30 C C B T.

Land, gently rolling.  
 Soil, fair, dark loam, coarse texture, cinders on surface.  
 Timber, dense cedar and pinyon and scattering yellow pine.  
 Undergrowth, scattering rabbit brush.  
 Fair grass.

Resurvey of East Bdy. of Sec. 24, T. 22 N., R. 9 E.

From the reestablished cor. of secs. 24 and 25, hereinbefore described,  
 North on a random line, along E. bdy. of sec. 24, (S. half).  
 40.00 Fall 3 lks. W. of the original  $\frac{1}{4}$  sec. cor. of secs. 19 and 24, which is a decayed post, properly set, mkd. and witnessed as described by the Surveyor General.

Reestablish this  $\frac{1}{4}$  sec. cor. as follows:-  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, alongside of old post, for  $\frac{1}{4}$  sec. cor. of sec. 24 only, marked on brass cap,



from which  
 A yellow pine, 30 ins. diam., bears N.  $39^{\circ}$  W.,  
 52 lks. dist., marked  $\frac{1}{4}$  S 24 B T.  
 Obliterate markings on original bearing tree E. of line.  
 27 lks. dist.; mkd.  $\frac{1}{4}$  S 19 B T.  
 A yellow pine, 30 ins. diam., brs. N.  $39^{\circ}$  W.  
 32 lks. dist.; mkd.  $\frac{1}{4}$  S 24 B T.

Note: This cor. is intended to refer to sec. 24 only.

32 Resurvey of East Bdy. of Sec. 24, T. 22 N., R. 9 E.

Chains Thence  
 S. 0° 3' W. on a true line along E. bdy. sec. 24, (S. half).  
 Over level land, through dense timber and scattering under-  
 growth.  
 31.00 The closing cor. of secs. 19 and 20, hereinbefore described.  
 Road brs. SW. to Flagstaff and NE. to Tolchaco and Grand  
 Falls.  
 40.00 Intersect reestablished cor. of secs. 24 and 25, hereinbe-  
 fore described.  
 From the reestablished  $\frac{1}{4}$  sec. cor. of sec. 24.  
 North on a random line along E. bdy. of sec. 24, (N. half).  
 40.11 Fall 27 lks. W. of the original cor. of secs. 13, 18, 19  
 and 24, which is a lava stone, 12 X 6 X 5 ins. above  
 ground, firmly set, mkd. and witnessed as described  
 by the Surveyor General.  
 Change this cor. to refer to secs. 13 and 24 only; by de-  
 stroying all marks on the two easterly bearing trees.  
 line, and by destroying the easterly bearing trees.  
 Thence  
 S. 0° 23' W. on a true line along E. bdy. of sec. 24, (N. half).  
 Over rolling mountainous land, through dense timber and  
 undergrowth.  
 7.90 Draw, course SW. Asc. 85 ft. to  
 7.70 Top of ascent at rim of crater on W. slope. Desc. SW.  
 slope, 367 ft.  
 30.10 Thence over gently rolling land.  
 40.11 Intersect reestablished  $\frac{1}{4}$  sec. cor., hereinbefore described.  
 Land, rolling mountainous, about level S. 50 chs.  
 Soil, Fair, dark loam and black cinders, coarse texture.  
 Timber, dense cedar, pinyon and yellow pine.  
 Undergrowth, scattering rabbit brush.  
 Fair grass.  
 Lava formation.

Subdivision of T. 22 N., R. 10 E.

40.00 From cor. of secs. 19, 20, 29 and 30,  
 N. 0° 3' W. bet. secs. 19 and 20.  
 Over gently rolling land, through dense timber.  
 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

$\frac{1}{4}$   
 S19 | S20  
 1916

from which,

- A cedar, 12 ins. diam., brs. N. 30° E.  
 207 lks. dist.; mkd.  $\frac{1}{4}$  S 20 B T.
- A cedar, 8 ins. diam., brs. S. 11 $\frac{1}{4}$ ° W.  
 122 lks. dist.; mkd.  $\frac{1}{4}$  S 19 B T.

56.70 Wagon road brs. SW. to Flagstaff and NE. to Grand Falls.  
 60.00 Asc. 52 ft. over SE. slope.

70.00 Change to S. slope, slightly ascending.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for cor. of secs. 17, 18, 19 and 20, mkd. on  
 brass cap

T22N R10E  
 S18 | S17  
 S19 | S20  
 1916

from which,

- A cedar, 6 ins. diam., brs. N. 47 $\frac{1}{2}$ ° E.  
 54 lks. dist.; mkd. T 22 N R 10 E S 17 B T.
- A cedar, 6 ins. diam., brs. S. 38° E.  
 146 lks. dist.; mkd. T 22 N R 10 E S 20 B T.
- A cedar, 8 ins. diam., brs. S. 64° W.  
 103 lks. dist.; mkd. T 22 N R 10 E S 19 B T.

## Subdivision of Township 22 North, Range 10 East. 33.

Chains.

A cedar, 8 ins. in diam., brs. N.  $61\frac{1}{2}^{\circ}$  W., 205 lks.  
dist., marked T 22 N R10E S18 BT.

Land, rolling.  
Soil, coarse texture.  
Undergrowth, sage brush.  
Timber, dense cedar.  
Good grass.

From the cor. of secs. 17, 18, 19 and 20, the cor. of secs.  
16, 17, 20 and 21, being plainly visible,  
N.  $89^{\circ} 48'$  E., on a random line for distance only, bet. secs.  
17 and 20.

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

80.11 Intersect the cor. of secs. 16, 17, 20 and 21.

Thence,  
S.  $89^{\circ} 48'$  W., on a true line, bet. secs. 17 and 20.  
Over gently rolling land, thru dense timber and scattering  
undergrowth.

40.05 $\frac{1}{2}$  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

from which,

A cedar, 6 ins. in diam., brs. N.  $15^{\circ}$  W., 103 lks.  
dist., marked  $\frac{1}{4}$  S 17 B T.

A cedar, 7 ins. in diam., brs. S.  $28\frac{1}{2}^{\circ}$  E., 61 lks.  
dist., marked  $\frac{1}{4}$  S 20 B T.

52.50 Wagon road brs. SW. to Flagstaff and NE. to Grand Falls.

80.11 The cor. of secs. 17, 18, 19 and 20.

Land, gently rolling.  
Soil, coarse texture.  
Timber, dense cedar and pinon.  
Undergrowth, scattering rabbit brush.  
Good grass.

West, on a true line, bet. secs. 18 and 19.  
Over gently rolling land, thru dense timber and scattering  
undergrowth.

38.00 Head of swale, course NE.

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, 8 ins. in diam., brs. N.  $11\frac{3}{4}^{\circ}$  W., 77  
lks. dist., marked  $\frac{1}{4}$  S 18 B T.

A pinon, 9 ins. in diam., brs. S.  $29\frac{1}{2}^{\circ}$  E., 29  
lks. dist., marked  $\frac{1}{4}$  S 19 B T.

42.00 Leave dense timber, hrs. N. and S. Thence thru medium  
growth. Enter mountainous land. Ascend NE. slope, 307  
ft.73.40 Spur, slopes NE., 15 chs. dist. Thence along N. slope of  
crater.

75.00 Descend 67 ft. to

91.30 Draw, course NE. Ascend E. slope, 163 ft. to

100.73 Intersect E. bdy. of T. 22 N., R. 9 E., 26.42 chs. N.  $0^{\circ} 9'$  W. of  
the reestablished cor. of secs. 13 and 24, hereinbefore  
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,

## 34. Subdivision of Township 22 North, Range 10 East.

chains.

	T22N	
R 9 E	R10E	
	S18	
	C	
S13	C	
	S19	
	1916	

This cor. is located on  
top of spur, projecting  
NE. 30 chs. dist.

from which,

A pinon, 9 ins. in diam., brs. N.  $29\frac{1}{2}^{\circ}$  E., 52  
lks. dist., marked T22N R10E S18 CC BT.

A pinon, 8 ins. in diam., brs. S.  $79\frac{1}{2}^{\circ}$  E., 24 lks.  
dist., marked T22N R10E S19 CC BT.

Land, rolling and mountainous.

Soil, fair, dark loam, coarse texture with black cinders  
on surface.

Timber, dense cedar, pinon, and yellow pine.

Undergrowth, dense rabbit brush and buck brush.

Poor grass.

Resurvey of East bdy. of sec. 13, Township 22 N., R. 9 E.

From reestablished cor. of secs. 13 and 24, hereinbefore  
described,

North, on random line, on E. bdy. of sec. 13 (S.  $\frac{1}{2}$ ).

39.52 Fall 10 lks. E. of original  $\frac{1}{4}$  sec. cor., a lava stone, 10x6x  
9 ins. above ground, firmly set, marked and witnessed  
as described by the surveyor general. Change this cor.  
to refer to sec. 13 only by destroying markings on the  
bearing tree E. of line.

True course and distance of S.  $\frac{1}{2}$  of E. bdy. of sec. 13 is  
therefore S.  $0^{\circ} 9'$  E., 39.52 chs.

Thence,

North, on random line, on E. bdy. of sec. 13 (N.  $\frac{1}{2}$ ).

39.77 Fall 17 lks. E. of original cor. of secs. 7, 12, 13 and 18,  
a volcanic stone 8x6x6 ins. above ground, firmly set,  
marked and witnessed as described by the surveyor  
general. Change this cor. to refer to secs. 12 and 13  
only by destroying marks on bearing trees E. of line.  
True course and dist. of N.  $\frac{1}{2}$  of E. bdy. of sec. 13 is there-  
fore S.  $0^{\circ} 15'$  E., 39.77 chs.

Thence,

S.  $0^{\circ} 15'$  E., on a true line, on E. bdy. of sec. 13 (N.  $\frac{1}{2}$ ).  
Over gently rolling land, thru. dense timber and under-  
growth.

29.50 Ascend 21 ft.

39.77 Intersect the  $\frac{1}{4}$  sec. cor. of sec. 13, hereinbefore describ-  
ed.

Thence,

S.  $0^{\circ} 9'$  E., on a true line, on E. bdy. of sec. 13 (S.  $\frac{1}{2}$ ).  
Over mountainous and rolling land. Ascend 211 ft. on N.  
slope, thru. dense timber and scattering undergrowth.

13.10 Top of low spur, slopes NE. Descend gradually over E.  
slope.

22.32 Draw, or saddle, drains NE. Ascend 183 ft. over N. slope.

32.52 Spur, slopes SW. Descend 63 ft. on SW. slope.

39.52 Intersect cor. of secs. 13 and 24, hereinbefore described.  
Land, gently rolling in N.  $\frac{1}{2}$ , and mountainous and rolling  
in S. half.

Soil, dark loam, coarse texture, covered on surface with  
black cinders, 3rd rate.

Timber, dense cedar, pinon, and yellow pine.

Undergrowth, rabbit and buck brush, dense in N.  $\frac{1}{2}$  and  
scattering in S. half.

Poor grass.

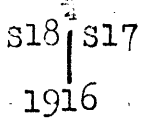
Drains W.. Lava formation.

Subdivision of Township 22 North, Range 10 East. 35

Chains.

From cor. of secs. 17, 18, 19 and 20,  
N. 0° 3' W., bet. secs. 17 and 18.  
Over gently rolling land, thru dense timber and under-  
growth.

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,

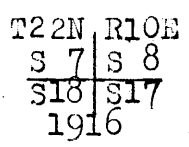


from which,

A cedar, 6 ins. in diam., brs. S. 88° E., 94 lks.  
dist., marked  $\frac{1}{4}$  S 17 B T.

A cedar, 6 ins. in diam., brs. S. 38 $\frac{1}{2}$ ° W., 60 lks.  
dist., marked  $\frac{1}{4}$  S 18 B T.

80.00 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,



from which,

A pinon, 6 ins. in diam., brs. N. 25° E., 270 lks.  
dist., marked T 22 N R 10 E S 8 B T.

A cedar, 10 ins. in diam., brs. S. 71 $\frac{1}{2}$ ° E., 230 lks.  
dist., marked T 22 N R 10 E S 17 B T.

A pinon, 22 ins. in diam., brs. S. 17 $\frac{1}{2}$ ° W., 157 lks.  
dist., marked T 22 N R 10 E S 18 B T.

A cedar, 10 ins. in diam., brs. N. 73 $\frac{1}{2}$ ° W., 137 lks.  
dist., marked T 22 N R 10 E S 7 B T.

Land, gently rolling.  
Soil, coarse texture, volcanic formation.  
Timber, dense cedar, pinon, and yellow pine.  
Undergrowth, buck brush and sage brush.  
Good grass.

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

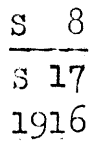
70.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.16 Intersect N. and S. line, 28 lks. S. of the cor. of secs. 8,  
9, 16 and 17.

Thence,  
S. 89° 48' W., on a true line, bet. secs. 8 and 17.

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

40.08 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 pinon, 10 ins. in diam., brs. N. 1 $\frac{1}{4}$ ° E., 129  
lks. dist., marked  $\frac{1}{4}$  S 8 B T.

A pinon, 10 ins. in diam., brs. S. 73 $\frac{1}{2}$ ° E., 142  
lks. dist., marked  $\frac{1}{4}$  S 17 B T.

Descend 34 ft. to  
45.00 Thence over nearly level land.

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

36 Subdivision of Township 22 North Range 10 East

Chains.

Land, gently rolling.  
Soil, lava field cinders.  
Timber, pinon and cedar.  
Undergrowth, buck brush and rabbit brush.  
Fair grass.

West, on a true line, bet. secs. 7 and 18.  
Over gently rolling land, nearly level, thru dense 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,

S 7  
S 18  
1916

from which,

A pinon, 10 ins. in diam., brs. N.  $28\frac{3}{4}^{\circ}$  E., 59 lks. dist., marked  $\frac{1}{4}$  S 7 B T.

A pinon, 9 ins. in diam., brs. S.  $27\frac{1}{2}^{\circ}$  E., 79 lks. dist., marked  $\frac{1}{4}$  S 18 B T.

100.76 Intersect E. bdy. of T. 22 N., R. 9 E., 27.16 chs. N.  $0^{\circ} 3'$  W. of the reestablished cor. of secs. 12 and 13, hereinbefore 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,

T22N  
R9E | R10E  
      | S 7  
S12 | C  
      | C  
      | S18  
1916

From which,

A cedar, 10 ins. in diam., brs. N.  $37\frac{1}{2}^{\circ}$  E., 65 lks. dist., marked T 22N R10E S7 CC BT.

A cedar, 12 ins. in diam., brs. S.  $56^{\circ}$  E., 96 lks. dist., marked T22N R10E S18 CC BT.

Land, gently rolling.  
Soil, fair, dark loam, coarse texture and black cinders on surface.  
Timber, dense cedar and pinon, and scattering yellow pine.  
Undergrowth, rabbit brush and buck brush.  
Poor grass.

Resurvey of East bdy. of sec. 12, T. 22 N., R. 9 E.

From the reestablished cor. of secs. 12 and 13, hereinbefore described,

40.03 North, on a random line on E. bdy. of sec. 12 (S. half).  
Fall 3 lks. E. of the original  $\frac{1}{4}$  sec. cor., which is a volcanic stone, 12x10x6 ins., above ground, firmly, set, marked and witnessed as described by the surveyor general.

SE. bearing tree is dead.  
Change this cor. to refer to sec. 12 only, by obliterating marking on original SE. bearing tree, and on

Resurvey of East bdy. of sec. 12, T. 22 N., R. 9 E. 37.

Chains

- A cedar, 10 ins. in diam., S. 80° E., 62 lks. dist., mark  $\frac{1}{4}$  S B T.
- True course and dist. of S.  $\frac{1}{2}$  of E. bdy. of sec. 12, is therefore S. 0° 3' E., 40.03 chs.
- Thence,
- North, on a random line, on E. bdy. of sec. 12, (N. half).
- 40.25 Fall 3 lks. E. of the original cor. of secs. 1, 6, 7 and 12, which is a volcanic stone, 10x8x9 ins., above ground, firmly set, marked and witnessed as described by the surveyor general. Change this cor. to refer to secs. 1 and 12 only, by destroying all marks on the two bearing trees E. of line.
- True course and dist. of N.  $\frac{1}{2}$  of E. bdy. of sec. 12, is therefore S. 0° 3' E., 40.25 chs.
- Thence,
- S. 0° 3' E., on a true line, along E. bdy. of sec. 12 (N. half). Over rolling land, thru scattering timber and undergrowth. Descend gradual S. slope, 46 ft.
- 10.30 Enter lava field, brs. E. and W.
- 23.30 Draw, course E. Leave lava field, brs. E. and W. Ascend 115 ft.
- 40.25 The reestablished  $\frac{1}{4}$  sec. cor. of sec. 12, hereinbefore described.
- Thence,
- S. 0° 3' E., on a true line, on E. bdy. of sec. 12 (S. half). Over nearly level land, thru scattering timber and undergrowth.
- 40.03 The reestablished cor. of secs. 12 and 13, hereinbefore described.
- Land, north half, rolling; south half, nearly level. Soil, fair, dark, loam, coarse texture, black cinders on surface.
- Timber, heavy cedar, pinon and yellow pine.
- Undergrowth, rabbit brush and buck brush.
- Poor grass.

Subdivision of Township 22 North, Range 9 East.

- From cor. of secs. 7, 8, 17 and 18,
- N. 0° 3' W., bet. secs. 7 and 8.
- Over gently rolling land, thru dense timber and scattering undergrowth.
- 14.95 Enter mountainous land. Ascend 333 ft. to
- 27.62 Top of spur, slopes W. Descend 219 ft. to
- 38.21 Draw, course W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 7 | S 8  
 1916

from which,

- A pinon, 8 ins. diam., brs. S. 16° E., 179 lks. dist., marked  $\frac{1}{4}$  S 8 B T.
- No other trees within limits.
- Raise a mound of stone, 2 ft. base, 1  $\frac{1}{2}$  ft. high, W. of cor.
- Ascend gradual slope, to
- 45.00 Descend 132 ft. to
- 55.00 Thence over gently rolling land.
- 75.63 Small spur, slopes W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap,

T 22 N R 10 E  
 S 6 | S 5  
 S 7 | S 8  
 1916

## 38 Subdivision of Township 22 North, Range 10 East.

Chains.

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

Land, rolling, and mountainous.

Soil, coarse texture, volcanic origin.

Timber, cedar and pinon.

Undergrowth, buck brush and sage brush.

Fair grass.

East, on a random line, bet. secs. 5 and 8.

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

80.18 Intersect N. and S. line, 28 lks. S. of the cor. of secs. 4, 5, 8 and 9.

Thence,

S.  $89^{\circ} 48'$  W., on a true line, bet. secs. 5 and 8.

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

39.00 Ledge of rock, brs. NW. and SE. Enter mountainous land.

40.09 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,

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

1916

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

Ascend 57 ft. to

41.15 Top of ascent. Thence over gently rolling land, in lava field.

80.18 The cor. of secs. 5, 6, 7 and 8.

Land, gently rolling and mountainous.

Soil, coarse texture, last half mile, lava field (W.  $\frac{1}{2}$ ).

Timber, scattering cedar and pinon.

Undergrowth, dense buck brush and sagebrush.

Fair grass.

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

Over rolling land, thru. timber and undergrowth.

15.00 Point of lava on line; descend 98 ft. over lava field.

35.00 Foot of descent. Thence over nearly level 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,

$$\begin{array}{r} S \ 6 \\ S \ 7 \end{array}$$

1916

from which,

A pinon, 6 ins. in diam., brs. N.  $10\frac{1}{2}^{\circ}$  W., 208 lks. dist., marked S 6 B T.

(enter heavy timber) A pinon, 6 ins. in diam., brs. S.  $16\frac{1}{2}^{\circ}$  E., 198 lks. dist., marked S 7 B T.

55.00 Leave lava beds, bear N. and S. Enter rolling land.

100.71 Intersect E. bdy. of T. 22 N., R. 9 E., 26.96 chs. N.  $0^{\circ} 5'$  E., of the reestablished cor. of secs. 1 and 12, hereinbefore 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. 6 and 7, marked on brass cap,



Subdivision of Township 22 North, Range 10 East.

39 8221

Chains.

T22N  
R 9 E | R10E  
      | S 6  
      | C  
S 1 | C  
      | S 7  
      |  
1916

from which,

A pinon, 10 ins. in diam., brs. N.76° E., 53  
lks. dist., marked T22N R10E S6 CC BT.A pinon, 12 ins. in diam., brs. S.19° E., 133 lks.  
dist., marked T22N R10E S7 CC BT.

Land, rolling.

Soil, fair dark loam, with black cinders on surface.

Timber, cedar and pinon, and scattering yellow pine.

Undergrowth, dense rabbit brush and buck brush.

Poor grass.

-----  
Resurvey of East bdy. of sec. 1, T. 22 N., R. 9 East.

From the reestablished cor. of secs. 1 and 12, hereinbefore  
described,

40.00 North, on a random line on E. bdy. of sec. 1 (S.  $\frac{1}{2}$ ).  
Fall 7 lks. W. of original  $\frac{1}{4}$  sec. cor. of secs. 1 and 6, a  
lava stone, 10x5x7 ins. above ground, firmly set, marked  
and witnessed as described by the surveyor general.  
Original NE. bearing tree is dead. Change this cor. to re-  
fer to sec. 1 only, by obliterating marking on original  
NE. bearing tree, and on

A pinon, 12 ins. in diam., N. 67 $\frac{1}{4}$ ° E., 95 lks.  
dist., marked S B T.True course and dist. of S.  $\frac{1}{2}$  of E. bdy. of sec. 1 is there-  
fore S. 0° 6' W., 40.00 chs.From above described  $\frac{1}{4}$  sec. cor.,

40.12 North, on a random line on E. bdy. of sec. 1 (N.  $\frac{1}{2}$ )  
Fall 12 lks. W. of the reestablished cor. of Ts. 22 and 23 N.,  
R. 9 E., described in Book "E."

True course and dist. of N.  $\frac{1}{2}$  of E. bdy. of sec. 1 is there-  
fore S. 0° 10' W., 40.12 chs.From reestablished cor. of Ts. 22 and 23 N., R. 9 E.,  
S. 0° 10' W., on a true line, on E. bdy. of sec. 1 (N.  $\frac{1}{2}$ ).

Over rolling land, thru. timber and undergrowth.

Ascend.

2.00 Small spur, slopes SE. Descend gradually.

40.00 Draw, course E.

40.12 Intersect reestablished  $\frac{1}{4}$  sec. cor. of sec. 1, hereinbefore  
described.

Thence,

S. 0° 6' W., on true line, on E. bdy. of sec. 1 (S.  $\frac{1}{2}$ ).Over rolling land, thru. dense timber and scattering under-  
growth. Ascend.

25.00 Low spur, slopes E. 30 chs. dist. Descend 40 ft.

40.00 Intersect reestablished cor. of secs. 1 and 12, hereinbefore  
described.

Land, rolling and mountainous, draining E.

Soil, rocky, coarse texture.

Timber, dense cedar and pinon, and yellow pine.

Undergrowth, rabbit brush and buck brush.

Poor grass.

-----  
Subdivision of Township 22 North, Range 10 East.

From cor. of secs. 5, 6, 7 and 8,

N. 0° 3' W., on a random line, bet. secs. 5 and 6.

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

80.20 Intersect N. bdy. of Tp., 8 lks. W. of the cor. of secs. 5, 6,  
31 and 32, described in Book "E."

Thence,

## 40. Subdivision of Township 22 North, Range 10 East.

Chains.

- South, on a true line, bet. secs. 5 and 6.  
 Over rolling land, thru scattering timber and undergrowth.  
 33.25 Enter lava field; ascend 68 ft.  
 38.10 Top of slope, brs. NE. and SW. Descend gradual slope.  
 40.20 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in  
 the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,

S 6 <sup>$\frac{1}{4}$</sup>  S 5  
 1916

from which,

A pinon, 5 ins. diam., brs. N. 49 $\frac{1}{2}$ ° E., 84 lks.  
 dist., marked  $\frac{1}{4}$  S 5 B T.

No other trees within limits.

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

- 56.20 Top of ascent, brs. NE. and SW. Descend gradual slope.  
 80.20 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.

Soil, coarse texture, volcanic origin.

Undergrowth, buck brush and rabbit brush.

Timber, cedar and pinon.

Good grass.

-----  
GENERAL DESCRIPTION.

This township, situated in the north central portion of the State of Arizona, on the watershed of the Little Colorado river, consists mostly of a rolling surface, with small scattered areas of level land, and other small areas of mountainous, or broken land, consisting of hills, spurs and ledges, and extinct volcanic craters. The soil is a dark clay loam, mixed with gravel and rocks, and over a large portion is covered with volcanic ash and cinders, ranging from 2nd to 4th rate. There is no land under cultivation, but a large percentage of the area is covered with a growth of grass, suitable for grazing. There is only one settler in the township: Jack LeBarron with house near the E. bdy. of sec. 36, fenced tract in secs. 25 and 36, and reservoir on line between secs. 25 and 36. This reservoir is supplied by a ditch from a dam in Young's creek in T. 21 N., R. 10 E. The west half of the Tp. is within the Coconino National Forest, and is covered with a dense growth of cedar and pinon timber.

The East half is clear of timber in part, and has a scattering growth of cedar and pinon in part. An undergrowth of rabbit and buck brush, dense in some portions, and scattering in others, covers nearly the entire surface. There is no evidence of valuable mineral deposits, of value.

The drainage in general is easterly, the principal and only named watercourse being San Francisco Wash, which enters the Tp. on the west of sec. 31, and leaves on the East of sec. 25. Running water is found in this wash & is the only permanent water in the Tp.

Ruins of Indian habitation are scattered over the Tp. No improvements except the irrigation ditch, reservoir and fences of Jack LeBarron, are observed.

Road, SW. to Flagstaff, and NE. to Tolchaco and Grand Falls on the Little Colorado River, extends thru. the Tp., and several other roads traverse the township.

-----

Boundaries of Township 22 North, Range 10 East.  
 Latitudes, departures, and closing errors.

Line designated.	True bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary	West,	501.65				501.65
	N. 0°3'E.	13.67	13.67		.01	
	N. 0°41'E.	39.92	39.92		.48	
	N. 0°12'E.	40.02	40.02		.14	
	N. 0°11'W.	40.00	40.00			.13
	N. 0°3'E.	40.00	40.00		.03	
West boundary,	N. 0°23'E.	40.11	40.11		.27	
	N. 0°9'W.	39.52	39.52			.10
	N. 0°15'W.	39.77	39.77			.17
	N. 0°3'W.	80.28	80.28			.06
	N. 0°6'E.	40.00	40.00		.06	
	N. 0°10'E.	40.12	40.12		.12	
	N. 0°27'E.	27.12	27.12		.21	
North boundary,	East,	500.34				500.34
East boundary,	South,	480.00		480.00		
Convergency,					.53	
	Totals,		480.53	480.00	502.19	502.11
			480.00		502.11	
	Error in latitude,		0.53			
	Error in departure,				0.08	

GROUP 68 - - ARIZONA  
TOWNSHIP 22 NORTH, RANGE 10 EAST.

BOOK 3221

DATE DIAGRAM.

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

Black lines indicate surveys by Joseph C. Clark, U.S. Trans-  
sitman, on various dates shown thereon.

Red lines indicate surveys by Thomas B. Matthews, U.S. Sur-  
veyor, on various dates shown thereon.

Yellow lines indicate surveys made under Group 69, described  
in foregoing notes, and dates on diagram on reverse hereof.

GROUP 69 - - ARIZONA.

TOWNSHIP 22 NORTH, RANGE 10 EAST.

BOOK 3221

DATEX DIAGRAM.

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

Black lines indicate surveys by Joseph C. Clark, U.S. Transitman, on various dates shown thereon.

Red lines indicate surveys by Thomas B. Matthews, U.S. Surveyor, on various dates shown thereon.

Blue lines indicate surveys made under Group 68, described in foregoing notes, and dates on diagram on reverse hereof.



FOR CERTIFICATE OF JOSEPH C. CLARK, U.S.T. RELATIVE TO GROUP 68, SEE BOOK "B" OF THIS GROUP.

CERTIFICATE OF UNITED STATES TRANSITMAN FOR GROUP 69 APPLIES TO FIELD NOTES IN THIS BOOK, AND BOOK "I" OF GROUP 68.

ECC 3221

I, Joseph C. Clark, U. S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 69, Arizona, bearing date of the 12th day of January, 1916, 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, re-surveyed all those parts or portions of the 5th. Standard Parallel North in Range 10 East, and the East boundary of Township 22 North, Range 9 East, and surveyed all those parts or portions of the South bdy. and Subdivision lines of Township 22 North, Range 10 East, and Subdivision lines of Township 21 North, Range 10 East, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and 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 Group 69, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such re-survey. and survey.

Dec. 31, 1918. Jos. C. Clark U.S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of .....

executed by ..... under his special instructions dated ....., 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the 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

BOOK 3221

4-680

FIELD ASSISTANTS. to  
THOMAS B. MATTHEWS, U.S.S., GROUPS 68 AND 69.

NAMES.	CAPACITY.
Vergil Bell,	1st chainman
R.A. Lane,	2nd chainman
Hank Radley	Cornerman
M.A. Moore,	Axman,
Alfred C. England,	Flagman.



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BOOK 221

FOR CERTIFICATE OF THOMAS B. MATTHEWS, U. S. SURVEYOR, RELATIVE TO GROUP 68, SEE BOOK "B" OF THIS GROUP.

CERTIFICATE OF UNITED STATES SURVEYOR. FOR GROUP 69 APPLIES TO FIELD NOTES IN THIS BOOK, AND BOOK "I" OF GROUP 68.

*Thomas B. Matthews*

U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 69, Arizona,

bearing date of the 12th day of January, 1916, 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~~ <sup>retraced</sup> all those parts or portions of the East boundary

of T. 21 N., R. 9 E., and Resurveyed all those parts or portions

of the E. bdy. of T. 21 N., R. 9 E., and Surveyed all those parts or

portions of the Subdivision lines of Ts. 21 and 22 N., R. 10 E.,

of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented by the field notes and data diagrams in this book and in

book "I" of this group, as having been executed by me, and under my direction; and that all the corners of said retracements, ~~resurveys~~ <sup>and surveys</sup>

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 Group 69, Arizona,

and in the specific manner described in the field notes, and that the foregoing <sup>and notes in book "I" of this group</sup> are the original field notes of such ~~retracement, resurvey and survey.~~

*Thomas B. Matthews*  
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, January 15, 1919

The foregoing field notes of the ~~survey~~ <sup>resurvey</sup> of a portion of the East boundary of TOWNSHIP 22 NORTH, RANGE 9 EAST, and

SURVEY of the

South boundary and Subdivision lines of

TOWNSHIP 22 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 & Jos. C. Clark, U. S. Transitman, 68 and 69 under ~~his~~ special instructions dated Dec. 17, 1915, & Jan. 12, 1916, for Grps Nos. having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*James H. Frost*  
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.