

3201

Book " G "

4-679

MAY 17 1916

281

(1)

BOOK 3201

# FIELD NOTES

RE-  
OF THE SURVEY OF THE

North boundary of Township 23 North, Range 2 East,

West boundary of Township 24 North, Range 3 East,

6th Standard Parallel North, through Range 2 East, and

SURVEY of

Subdivision lines of Township 24 North, Range 2 East,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William H. Thorn, U. S. Surveyor,

and

Richard R. Mitchell, U.S. Transitman,

~~In the capacity of U. S. Surveyor~~, under instructions dated December 11, 1915,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 52, which were approved by the Commissioner of the General Land  
Office, January 26, 1916.

Resurvey and Survey commenced May 17, 1916.

Resurvey and Survey completed June 10, 1916.

Executed under Assignment  
Instructions dated Dec. 11, 1915.

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3201  
Book "G"  
Group 52- Arizona

BOOK 3201

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6th Standard Parallel North.											
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- ..... Surveyed in 1902.
- Surveyed under group 54.

Resurvey of N. Bdy. of T. 23 N., R. 2 E.,  
Resurvey of W. Bdy. of T. 24 N., R. 3 E.,  
Resurvey of 6th St. Par. N., through R. 2 E., and  
Subdivision of T. 24 N., R. 2 E. BOOK 3201

Chains

Work executed jointly by Willima H. Thorn, U. S. Surveyor, and Richard R. Mitchell, U. S. Transitman, using Young and Sons' solar transit No. 8592 and solar compass No. 8233, respectively.

The instruments are described, with record of approval by the assistant supervisor of surveys for Arizona and California, and field tests, in book F. The adjustments were frequently examined and checked throughout the work, by comparison of the results of solar observations with true meridians determined by observations on Polaris. The magnetic declination is 17°35'E.

Resurvey of N. Bdy. of T. 23 N., R. 2 E.

I begin at the old cor. of Tps. 23 and 24 N., Rs. 2 and 3 E., which is a wooden post, 3 ins. diam., firmly set, marked and witnessed as described by the surveyor general; which I reestablish as follows:

With original cor., set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap, marked

T24N	
R2E	R3E
S36	S31
S1	S6

T23N  
1916

from which

A pinyon, 18 ins. diam., bears S.30°W., 104 lks. dist., marked T23N R2E S1 BT, and

A pinyon, 12 ins. diam., bears S.2°E., 118 lks. dist., marked T23N R3E S6 BT.

No bearing trees available in secs. 31 and 36 within limits. Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Thence, on true courses computed from the fallings of random lines, I proceed with the resurvey of N. Bdy. of Tp. 23 N., R. 2 E., as follows:

N.87°58'W., bet. secs. 31 and 36, over rolling land, through dense cedar and pinyon timber, on E. slope; descending gradually.

19.70  
39.71

Top of rise bears N. and S. Thence on gradual SW. slope. The old ¼ sec. cor., which is a sandstone, 18x12x8 ins. above ground, marked and witnessed as described by the surveyor general. I reestablish cor. as ¼ sec. cor. of sec. 1 only, as follows:

With original stone, set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap, marked

¼ S1

1916

from which

A cedar, 6 ins. diam., bears S.50°W., 42 lks. dist., marked ¼ S1 BT.

No other bearing trees within limits. Raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

2

## Resurvey of N. Bdy. of T. 23 N., R. 2 E.

Chains

Thence N.88°56'W., on N. bdy. of W. half of sec. 1.  
Continue on SW. slope.

40.09 The old cor. of secs. 1, 2, 35 and 36, which is a sandstone, 36x24x14 ins., firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as follows:

With original stone, set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) with brass cap, marked

	T24N	
	S35	S36
R2E	S2	S1
	T23N	
	1916	

from which  
A juniper, 8 ins. diam., bears N.18°20'E., 35 lks. dist., marked T24N R2E S36 BT,  
A pinyon, 12 ins. diam., (old bearing tree) bears S.5°E., 33 lks. dist., marked T23N R2E S1 BT, and  
A pinyon, 6 ins. diam., bears S.38°30'W., 72 lks. dist., marked T23N R2E S2 BT.  
No other trees within limits.  
Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  
Land, gently rolling.  
Soil, sandy and gravelly clay; stony, 3rd rate.  
Timber, cedar and pinyon.

S.87°59'W., on N. bdy. of sec. 2,  
over gently rolling land, through dense cedar and pinyon timber.

9.80 Wash, 30 lks. wide, 2 ft. deep, course N.50°W.  
30.00 Thence over stony ground, the edge of which bears NW. and SE., on gradual N. slope.

40.20 The old ¼ sec. cor., which is a sandstone, 14x12x10 ins., firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as follows:

With original stone, set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) with brass cap, marked

	S35	
	¼	
	S 2	
	1916	

from which  
A pinyon, 6 ins. diam., bears S.51°30'E., 69 lks. dist., marked ¼ S2 BT, and  
A pinyon, 18 ins. diam., bears S.87°W., 45 lks. dist., marked ¼ S2 BT.

Thence S.89°23'W., on N. bdy. of W. half of sec. 2,  
continuing over stony ground.

17.00 Leave stony ground.  
17.40 Wash, 10 lks. wide, 2 ft. deep, course N.60°W.  
39.90 The old cor. of secs. 2, 3, 34 and 35, which is a stone, firmly set, marked and witnessed as described by the surveyor general; which I reestablish as follows:

With original stone, set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap, marked

	T24N	
	S34	S35
R2E	S3	S2
	T23N	
	1916	

from which

Resurvey on N. Bdy. of T. 23 N., R. 2 E.

Chains

A pinyon, (old bearing tree) 12 ins. diam., bears S.39°15'E, 4<sup>o</sup> lks. dist., marked T23N R2E S2 BT, and A cedar, 4 ins. diam., bears S.33°15'W., 40 lks. dist., marked T23N R2E S3 BT.

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

Land, gently rolling.  
Soil, sandy and gravelly clay; stony, 3rd rate.  
Timber, cedar and pinyon.

40.18

S.88°42'W., on N. bdy. of sec. 3, over rolling land, through cedar and pinyon timber. The old 1/4 sec. cor., which is a pine post, 3 ins. diam., firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. pertaining solely to sec. 3, as follows:

With old post, set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap, marked

1/4 S3

1916

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

16.50

34.70

40.26

Thence N.89°28'W., on N. bdy. of W. half of sec. 3. Head of ravine, 100 lks. wide, 40 ft. deep, course N.50°W. Wash, 30 lks. wide, 2 ft. deep, course N.20°W.

The old cor. of secs. 3, 4, 33 and 34, which is a malpais stone, 14x12x8 ins., firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as follows:

With original stone, set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) with brass cap, marked

T24N  
S33 | S34  
R2E ---  
S4 | S3  
T23N

1916

from which  
A pinyon, 10 ins. diam., bears S.8°E., 27 lks. dist., marked T23N R2E S3 BT, and  
A pinyon, 12 ins. diam., bears S.63°45'W., 129 lks. dist., marked T23N R2E S4 BT. No other trees available.  
Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, W. of cor.  
Land, rolling.  
Soil, sandy and stony clay; 3rd rate.  
Timber, cedar and pinyon.

4.30

7.70

8.30

19.60

27.15

28.55

39.64

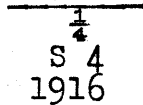
S.89°26'W., on N. bdy. of sec. 4, over gently rolling land, on N. slope, through dense cedar and pinyon timber.  
Road from Williams to Grand Canyon bears N. and S.  
Grand Canyon Railway track, on curve, bears NE. and SE.  
Telegraph line, parallel to track.  
Desc. gradually, 115 ft., on W. slope.  
Bottom of canyon, course N. Asc. on E. slope.  
Thence over level land.  
Barbed wire fence bears N.50°E.  
In draw, course N.,

Resurvey of N. Bdy. of T. 23 N., R. 2 E.

Chains

The old 1/4 sec. cor., which is a sandstone, 12x10x0 ins., firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as 1/4 sec. cor. of sec. 4 only, as follows:

With original stone, set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap, marked



from which

A pinyon, 12 ins. diam., bears S.24°25'E., 46 lks. dist., marked 1/4 S4 BT, and

A pinyon, 8 ins. diam., bears S.32°45'W., 15 lks. dist., marked 1/4 S4 BT.

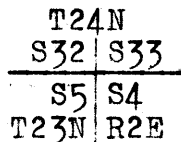
-----  
Thence S.89°51'W., on N. bdy. of W. half of sec. 4.

5.00 Thence over level land.

25.00 Desc. on gentle W. slope.

40.08 The old cor. of secs. 4, 5, 32 and 33, which is a sandstone, 18x6x4 ins., firmly set, marked and witnessed as described by the surveyor general. I reestablish this cor. as follows:

With original stone, set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) with brass cap, marked.



1916

from which

A cedar, 8 ins. diam., bears N.78°40'E., 41 lks. dist., marked T 24N R2E S33 BT,

A pinyon, 18 ins. diam., bears S.12°E., 82 lks. dist., marked T23N R2E S4 BT,

A pinyon, 8 ins. diam., bears S.71°30'W., 15 lks. dist., marked T23N R2E S5 BT, and

A pinyon, 6 ins. diam., bears N.22°30'W., 54 lks. dist., marked T23N R2E S32 BT.

Land, rolling.

Soil, gravelly surface, 2nd and 3rd rate.

Timber, cedar and pinyon.

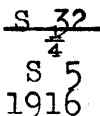
-----  
N.89°15'W., on N. bdy. of sec. 5, over gently rolling land, on W. slope, through pinyon and cedar timber.

29.16 Road bears N.20°W. and S.20°E.

Draw, course N. Water hole in this draw, bears N., 10 chs. dist. Thence on E. slope.

40.00 The old 1/4 sec. cor., which is a sandstone, 18x8x6 ins., firmly set, marked and witnessed as described by the surveyor general. I reestablish this cor. as follows:

With original stone, set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) with brass cap, marked



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

-----  
Thence S.88°22'W., on N. bdy. of W. half of sec. 5, ascending on gentle E. slope.

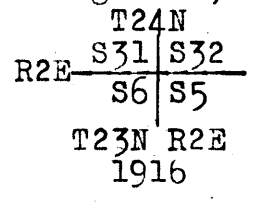
20.00 Low spur extends N. Thence on gentle W. slope.

Chains

25.00  
35.00  
39.83

Draw, course N. Thence on E. slope.  
Thence over level land.  
The old cor. of secs. 5, 6, 31 and 32, which is a pinyon post, 3 ins. diam., firmly set, marked and witnessed as described by the surveyor general. I reestablish this cor. as follows:

With original cor., set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap, marked



from which

A cedar, 15 ins. diam., bears S.58°E., 48 lks. dist., marked T23N R2E S5 BT, and

A pinyon, 10 ins. diam., bears S.76°W., 47 lks. dist., marked T23N R2E S6 BT. No other trees within limits.

Raise a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor.

Land, gently rolling and level.

Soil, 2nd and 3rd rate.

Timber, cedar and pinyon.

10.00  
20.00  
40.28

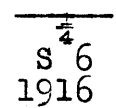
N.89°51'W., on N. Bdy. of sec. 6,  
over level land, through dense pinyon and cedar timber.

Draw, course NE. Thence on E. slope.

Thence over level land.

The old ¼ sec. cor., which is a sandstone, 14x4x2 ins., firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. as ¼ sec. cor. of sec. 6 only, as follows:

With original stone, set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap, marked



from which

A pinyon, 15 ins. diam., bears S.35°45'E., 23 lks. dist., marked ¼ S6 BT, and

A pinyon, 8 ins. diam., bears S.48°15'W., 67 lks. dist., marked ¼ S6 BT.

10.00  
24.90  
38.43

Thence S.89°21'W., on N. bdy. of W. half of sec. 6.

Desc. on W. slope.

Leave timber, bearing N. and S.

The reestablished cor. of Tps. 23 N., Rs. 1 and 2 E., described in book F.

Land, rolling, and level.

Soil, gravelly and sandy; 3rd rate.

Timber, cedar and pinyon.

White gramma grass.

6

## Resurvey of W. Bdy. of T. 24 N., R. 3 E.

Chains

From the reestablished cor. of Tps. 23 and 24 N., Rs. 2 and 3 E., hereinbefore described, on true courses, computed from the fallings of random lines, on W. bdy. of T. 24 N., R. 3 E., as follows:

23.00 N.1°09'W., bet. secs. 31 and 36,  
39.91 over rolling land, on NE. slope, through cedar and pinyon timber.

Spur extends S.70°E. Thence on NE. slope.

The old  $\frac{1}{4}$  sec. cor., which is a sandstone, 14x8x6 ins., firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. to pertain to sec. 31 only, as follows:

With original stone, set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) with brass cap, marked

$\frac{1}{4}$ S31

1916

from which

A juniper, 36 ins. diam., bears N.74°E., 91 lks. dist., marked  $\frac{1}{4}$  S31 BT, and

A pinyon, 14 ins. diam., bears S.86°E., 93 lks. dist., marked  $\frac{1}{4}$  S31 BT.

39.94 Thence N.0°16'W., on N. half of W. bdy. of sec. 31.  
The old cor. of secs. 25, 30, 31 and 36, which is a 3 in. post, firmly set, marked and witnessed as described by the surveyor general. I efface marks on bearing tree in sec. 25, and reestablish cor. to pertain solely to secs. 30 and 31, as follows:

With original cor., set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap, marked

T24N

R3E

S30

S31

1916

from which

A pinyon, 6 ins. diam., bears N.78°E., 30 lks. dist., marked T24N R3E S30 BT, and

A pinyon, 14 ins. diam., bears S.13°E., 68 lks. dist., marked T24N R3E S31 BT. (Old bearing tree).

Land, rolling.

Soil, sandy, gravelly and stony; 3rd rate.

Timber, cedar and pinyon.

40.40 N.1°19'W., on W. bdy. of sec. 30,  
over gently rolling land, through pinyon and cedar timber.  
The old  $\frac{1}{4}$  sec. cor., which is a 3 in. post, firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. so as to pertain to sec. 30 only, as follows:

With original cor., set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap, marked

$\frac{1}{4}$ S30

1916

from which

A cedar, 6 ins. diam., bears N.7°30'E., 129 lks. dist., marked  $\frac{1}{4}$  S30 BT, and

A pinyon, 3 ins. diam., bears S.1°30'E., 80 lks. dist., marked  $\frac{1}{4}$  S30 BT.

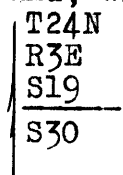


Resurvey of W. Bdy. of T. 24 N., R. 3 E.

Chains

27.40  
40.72

Thence N.0°20'W., on W. bdy. of N. half of sec. 30.  
Draw, course E.  
The old cor. of secs. 19, 24, 25 and 30, which is a 3 in. post, firmly set, marked and witnessed as described by the surveyor general. Old bearing trees NW. and SE. are dead and fallen. I reestablish cor. as cor. of secs. 19 and 30 only, as follows:  
With original cor., set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap, marked



1916

from which  
A pinyon, (old bearing tree) 20 ins. diam., bears N.61°30'E., 49 lks. dist., marked T24N R3E S19 BT, and  
A cedar, 6 ins. diam., bears S.77°E., 31 lks. dist., marked T24N R3E S30 BT.

Land, gently rolling.  
Soil, dark sandy and stony clay; 2nd rate.  
Timber, cedar, pinyon and juniper.  
Undergrowth, algerita.

18.60  
40.61

N.2°06'W., on W. bdy. of sec. 19,  
over gently rolling land, through cedar and pinyon timber.  
Desc. gradually on NE. slope.  
The old 1/4 sec. cor., which is a 3 in. post, firmly set, marked and witnessed as described by the surveyor general. I reestablish cor. so as to pertain solely to sec. 19, as follows:  
With original cor., set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, with brass cap, marked

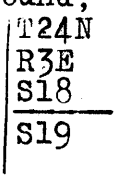


1916

from which  
A pinyon, (old bearing tree), 6 ins. diam., bears S.79°E., 12 lks. dist., marked 1/4 S19 BT.  
No other bearing trees within limits.

39.78

Thence N.4°44'E., on W. bdy. of N. half of sec. 19,  
The old cor. of secs. 13, 18, 19 and 24, which is a 3 in. post, firmly set, marked and witnessed as described by the surveyor general. Old bearing tree SW. of cor. is dead and fallen. Reestablish cor. as cor. of secs. 18 and 19 only, as follows:  
With original cor., set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap, marked



1916

from which  
A pinyon, 8 ins. diam., bears N.5°15'E., 277 lks. dist., marked T24N R3E S18 BT, and  
A cedar, 16 ins. diam., bears S.74°45'E., 260 lks. dist., marked T24N R3E S19 BT.

Land, gently rolling.  
Soil, gravelly, sandy and rocky; 3rd rate. Sandstone and malpais formation.  
Timber, cedar and pinyon. Undergrowth, algerita.

Chains

11.50 N.1°20'W., on W. bdy. of sec. 18,  
over gently rolling land, through cedar and pinyon timber.  
Wash, 2 chs. wide, 20 ft. deep, course N.70°W. Thence on  
SW. slope.

20.00 Thence on N. slope.

40.20 The old  $\frac{1}{4}$  sec. cor., which is a sandstone, 12x10x8 ins.,  
firmly set, marked and witnessed as described by the  
surveyor general. Reestablish cor. to pertain solely to  
sec. 18, as follows:

With original stone, set an iron post, 3 ft. long, 1 in.  
diam., 26 ins. in the ground, with brass cap, marked

$\frac{1}{4}$ S18

1916

from which

A pinyon, 20 ins. diam., bears S.29°20'E., 82 lks. dist.,  
marked  $\frac{1}{4}$  S18 BT.

-----  
Thence N.2°W., on W. bdy. of N. half of sec. 18,  
along fence, 3 wire, parallel to line.

9.80 Wash, 30 lks. wide, 2 ft. deep, course S.70°W.

24.00 Fence turns N.70°E.

24.20 Road bears N.70°E. and S.20°W. Asc. 250 ft., on S. slope.

41.54 ~~Intersect~~ cor. of secs. 7, 12, 13 and 18, ~~at~~ ~~an~~ ~~unalpais~~ ~~a~~ ~~stone~~ ~~stone~~  
10x16x10 ins. above ground, in mound of stone, marked with 2  
notches on N. & 4 notches on S. edge, & witnessed by one bear-  
ing tree SW. & one tree SE. of cor. & md. of stone W. of cor.  
Reestablish this cor. to refer to secs. 7 & 18 only by effac-  
ing marking on SW. bearing tree, and alongside the stone  
with original stone, set an iron post, 3 ft. long, 3 ins.  
diam., 18 ins. in the ground, surrounded by a mound of  
stone, (impracticable to set post deeper in the ground)  
with brass cap, marked

T24N

R3E

S7

-----  
S18

1916

from which

A cedar, 8 ins. diam., bears N.5°15'E., 82 lks. dist.,  
marked T24N R3E S7 BT, and

A pinyon, 5 ins. diam., bears S.35°E., 10 lks. dist.,  
marked T24N R3E S18 BT.

Land, rolling.

Soil, sandy, gravelly and stony clay; 3rd rate. Lime-  
stone formation.

Timber, cedar and pinyon.

-----  
N.0°46'E., on W. bdy. of sec. 7,  
over gently rolling land, through dense cedar and pinyon  
timber, on S. slope.

12.20 Ravine, 240 lks. wide, 50 ft. deep, course S.70°E.

40.37 The old  $\frac{1}{4}$  sec. cor., which is a limestone, 18x12x12 ins.,  
firmly set, marked and witnessed as described by the surveyor  
general. Reestablish cor. as  $\frac{1}{4}$  sec. cor. of sec. 7 only,  
as follows:

With original cor., set an iron post, 3 ft. long, 1 in. diam.,  
26 ins. in the ground, with brass cap, marked

$\frac{1}{4}$ S7

1916

from which

A cedar, 8 ins. diam., bears N.65°E., 40 lks. dist.,  
marked  $\frac{1}{4}$  S7 BT,

A pinyon, 12 ins. diam., bears S.23°30'E., 53 lks. dist.,

Resurvey of W. Bdy. of T. 24 N., R. 3 E.

Chains

marked  $\frac{1}{4}$  S7 BT.  
 Efface marks on old bearing tree W. of line.

-----

39.89 N.0°53'E., on N. half of W. bdy. of sec. 7.  
 The old cor. of secs. 1, 6, 7 and 12, which is a sandstone, 8x8x6 ins., firmly set, marked and witnessed as described by the surveyor general. NE. bearing tree dead. Reestablish cor. as cor. of secs. 6 and 7 only, as follows; With original cor., set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, with brass cap, marked

T24N
R3E
S6
S7

1916

from which  
 A cedar, 6 ins. diam., bears N.68°E., 30 lks. dist., marked T24N R3E S6 BT, and  
 A pinyon, 6 ins. diam., bears S.47°E., 37 lks. dist., marked T24N R3E S7 BT.

Land, rolling.  
 Soil, sandy, gravelly and stony clay; 3rd rate.  
 Timber, cedar and pinyon.

-----

40.13 N.0°14'E., on W. bdy. of sec. 6,  
 over nearly level land, through cedar and pinyon timber. The old  $\frac{1}{4}$  sec. cor., which is a sandstone, 12x12x8 ins., firmly set, marked and witnessed as described by the surveyor general. Reestablish cor. as  $\frac{1}{4}$  sec. cor. of sec. 6 only, as follows:  
 With original cor., set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) with brass cap, marked

$\frac{1}{4}$ S6
------------------

1916

from which  
 A pinyon, (old bearing tree), 18 ins. diam., bears N.48°30'E., 62 lks. dist., marked  $\frac{1}{4}$  S6 BT, and  
 A pinyon, 16 ins. diam., bears S.42°E., 124 lks. dist., marked  $\frac{1}{4}$  S6 BT.

-----

15.00 Thence N.3°24'E., on N. half of W. bdy. of sec. 6,  
 on NE. slope.  
 43.58 Thence on N. slope.  
 The old closing cor. of Tps. 24 N., Rs. 2 and 3 E., which is a sandstone, 24x10x7 ins., marked and witnessed as described by the surveyor general, set in a mound of stone. I reestablish cor. as the NW. cor. of Tp. 24 N., R. 3 E. only, as follows:  
 With original stone, set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, (impracticable to set post in the ground) with brass cap, marked

S6
R3E
T24N

1916

from which  
 A pinyon, 16 ins. diam., bears S.17°30'E., 50 lks. dist., marked T24N R3E S6 BT. (Old bearing tree).

Land, rolling. Soil, sandy and rocky clay; 3rd rate. ✓  
 Timber, cedar and pinyon. (Limestone and malpais.)

10

## Resurvey of 6th St. Par. N., through R. 2 E.

Chains

From the reestablished standard cor. of Tps. 25 N., Rs. 1 and 2 E. and cor. of Tps. 24 N., Rs. 1 and 2 E., as described in book "E", I proceed with the resurvey of 6th St. Par. N. through R. 2 E., establishing new standard cors, which I mark in addition, for the area S. of line. Destroy all old corners found.

East, on the parallel, bet 1 secs. 6 and 31,  
over rolling land, through scattering timber.

3.50

Draw, course N.10°E.

25.25

Wash, 100 lks. wide, course N.10°E.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for standard  $\frac{1}{4}$  sec. cor., and  $\frac{1}{4}$  sec. cor. of sec. 6, with brass cap, marked

S C
S31
$\frac{1}{4}$
—
S 6
1916

from which

A cedar, 6 ins. diam., bears N.2°E., 132 lks. dist.,  
marked SC  $\frac{1}{4}$  S31 BT, and

A cedar, 16 ins. diam., bears N.54°30'W., 73 lks. dist.,  
marked SC  $\frac{1}{4}$  S31 BT.

Thence on gradual N. slope.

71.70

Draw, course S.40°E.

80.00

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

S C
T25N   R2E
S31   S32
—   —
S6   S5
T24N
1916

from which

A pinyon, 14 ins. diam., bears N.77°30'E., 33 lks. dist.,  
marked SC T25N R2E S32 BT.

No other trees within limits. Raise a mound of stone,  
3 ft. base, 2 ft. high, N. of cor.

Land, rolling.

Soil, sandy, gravelly and stony; shallow, 3rd rate.

Limestone formation.

Timber, cedar and pinyon.

Undergrowth, algerita.

East, on the parallel, bet. secs. 5 and 32,  
over rolling land, through cedar and pinyon timber.

.06

Pinyon, 16 ins. diam., on line.

2.70

W. edge of Red Lake Canyon.

7.93

Bed of Red Lake Canyon. Wash, 40 lks. wide, 3 ft. deep,  
course N.

10.80

E. edge of Red Lake Canyon.

13.85

Top of rise bears N.10°W. and S.10°E.

23.57

Fence, 3 wire, bears NW. and SE.

35.70

Wire fence bears N.70°E. and S.70°W.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., and  $\frac{1}{4}$  sec. cor. of sec. 5, with brass cap, marked

S C
S32
$\frac{1}{4}$
—
S 5
1916

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

Resurvey of 6th St. Par. N., through R. 2 E.

Chains

57.00 Draw, course N.30°W.  
 63.60 Fence, 3 wire, bears N.20°W. and S.20°E. Leave field and asc. gradually on SW. slope.  
 67.42 Telegraph line bears N.20°W. and S.20°E.  
 70.05 Road bears N.10°W. and S.10°E.  
 72.17 Grand Canyon Railway track bears N.34°40'W. and S.34°40'E.  
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for standard cor. of secs. 32 and 33, and cor. of secs. 4 and 5; with brass cap, marked

S C	
T25N	R2E
S32	S33
<hr/>	
S5	S4
T24N	
1916	

from which  
 A cedar, 12 ins. diam., bears N.47°E., 47 lks. dist., marked SC T25N R2E S33 BT,  
 A cedar, 10 ins. diam., bears S.13°35'E., 112 lks. dist., marked T24N R2E S4 BT, and  
 A pinyon, 8 ins. diam., bears N.30°W., 65 lks. dist., marked SC T25N R2E S32 BT.

Land, rolling and level.  
 Soil, rocky on rolling land, 3rd rate; and 1st rate sandy loam on the level land. Limestone formation.  
 Timber, cedar and pinyon.  
 Undergrowth, algerita.

East, on the parallel, bet. secs. 4 and 33, over rolling land, through cedar and pinyon timber, on SW. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard  $\frac{1}{4}$  sec. cor., and  $\frac{1}{4}$  sec. cor. of sec. 4, with brass cap, marked

S C	
S33	
$\frac{1}{4}$	
<hr/>	
S 4	
1916	

from which  
 A pinyon, 6 ins. diam., bears N.78°30'E., 218 lks. dist., marked SC  $\frac{1}{4}$  S33 BT, and  
 A pinyon, 8 ins. diam., bears N.9°W., 107 lks. dist., marked SC  $\frac{1}{4}$  S33 BT.

78.80 Thence on gradual E. slope, through very scattering timber.  
 80.00 Old road bears N.60°E. and S.60°W.  
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for standard cor. of secs. 33 and 34, and cor. of secs. 3 and 4, with brass cap, marked

S C	
T25N	R2E
S33	S34
<hr/>	
S4	S3
T24N	
1916	

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

Land, rolling.  
 Soil, rocky, 3rd rate, on W. half; and 1st rate sandy clay on E. half. Malpais and sandstone formations.  
 Timber, cedar and pinyon.  
 Undergrowth, sage brush.

Chains

East, on the parallel, bet. secs. 3 and 34,  
over rolling land, through very scattering cedar timber,  
on SW. slope.

24.00 Top of rise bears N.15°W. and S.40°E.  
24.80 Road from Williams to Grand Canyon bears N.10°E. and S.15°W.  
33.88 Fence bears N. and S. 4 wire.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for standard  $\frac{1}{4}$  sec. cor. and  $\frac{1}{4}$  sec. cor. of sec.  
3, with brass cap, marked

S C
S34
$\frac{1}{4}$
—
S3
1916

from which

A cedar, 6 ins. diam., bears N.36°E., 179 lks. dist.,  
marked SC  $\frac{1}{4}$  S34 BT.  
46.00 Howard Lake bears N., about 30 chs. dist.  
59.00 Wash, 15 lks. wide, 1 ft. deep, course N. S. end of lake  
bears N., about 8 chs. dist. Thence on gentle W. slope.  
70.00 Enter cedar and pinyon timber, bearing N.30°E. and S.30°W.  
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for standard cor. of  
secs. 34 and 35, and cor. of secs. 2 and 3, with brass  
cap, marked

S C
T25N   R2E
S34   S35
—
S3   S2
T24N
1916

from which

A cedar, 6 ins. diam., bears N.12°40'E., 96 lks. dist.,  
marked SC T25N R2E S35 BT, and  
A cedar, 12 ins. diam., bears N.11°45'W., 59 lks. dist.,  
marked SC T25N R2E S34 BT.

Land, rolling.

Soil, 1st rate sandy clay on W. 60 chs., and stony, 3rd  
rate, on balance. Malpais formation.  
Timber, cedar and pinyon.

East, on the parallel, bet. secs. 2 and 35,  
over rolling hills, through cedar and pinyon timber,  
ascending on rocky W. slope.

18.70 Ridge, 285 ft. above sec. cor., bears N. and S.  
21.25 Wire fence bears N.40°W. and S.50°E.  
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for standard  $\frac{1}{4}$  sec. cor. and  $\frac{1}{4}$  sec. cor. of sec.  
2, with brass cap, marked

S C
S35
$\frac{1}{4}$
—
S 2
1916

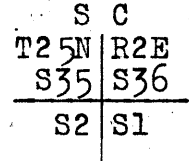
from which

A cedar, 10 ins. diam., bears N.39°45'E., 200 lks. dist.,  
marked SC  $\frac{1}{4}$  S35 BT, and  
A cedar, 12 ins. diam., bears N.43°45'W., 57 lks. dist.,  
marked SC  $\frac{1}{4}$  S35 BT.  
49.40 Desc. 125 ft., on E. slope, into ravine.  
56.30 Bottom. Wash, 15 lks. wide, 2 ft. deep, course N.20°E.  
Asc. 115 ft., on W. slope.  
65.50 Spur slopes N. Desc. 130 ft., on NE. slope.  
78.92 Wire fence bears N. and S.  
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the  
ground, for standard cor. of secs. 35 and 36 and cor. of

Resurvey of 6th St. Par. N., through R. 2 E. 13

Chains

secs. 1 and 2, with brass cap, marked



T24N  
1916

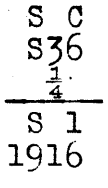
and raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.

Land, rolling and hilly.  
Soil, gravelly and rocky; 3rd rate.  
Timber, cedar and pinyon.  
Undergrowth, algerita.

23.80  
40.00

East, on the parallel, bet. secs. 1 and 36, over rolling land, through scattering timber. Wash, 40 lks. wide, 4 ft. deep, course N.30°E. Thence on NW. slope.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for standard ¼ sec. cor. and ¼ sec. cor. of sec. 1; with brass cap, marked



from which  
A pinyon, 10 ins. diam., bears N.44°E., 84 lks. dist., marked SC ¼ S36 BT, and  
A pinyon, 8 ins. diam., bears N.51°W., 150 lks. dist., marked SC ¼ S36 BT.

65.60  
76.45  
76.50  
80.37

Desc. on SE. slope.  
Wire fence bears N.60°E. and S.60°W.  
Draw, course NE.  
Intersect W. bdy. of Tp. 24 N., R. 3 E. 30 lks. S.3°24'W. of the reestablished NW. cor. of T. 24 N., R. 3 E., hereinbefore described.

At point of intersection  
Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for NE. cor. of T. 24 N., R. 2 E., with brass cap, marked



1916

from which  
A cedar, 14 ins. diam., bears S.3°30'W., 25 lks. dist., marked T24N R2E S1 BT.

Land, rolling.  
Soil, sandy and stony clay; 3rd rate. Malpais and limestone formations.  
Timber, cedar and pinyon.

Chains

From the cor. of secs. 5 and 6, identical with the standard cor. of secs. 31 and 32, on N. bdy. of Tp., (6th St. Par. N.);

S.0°01'W., bet. secs. 5 and 6, over rolling land, through scattering pinyon timber, on S. slope.

4.90 Wash, 100 lks. wide, 5 ft. deep, course E.

14.10 Low spur extends W.

17.65 Wash, 100 lks. wide, 3 ft. deep, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$ S6 | S5

1916

from which

A pinyon, 15 ins. diam., bears N.35°55'W., 173 lks. dist., marked  $\frac{1}{4}$  S6 BT, and

A pinyon, 8 ins. diam., bears N.10°30'E., 32 lks. dist., marked  $\frac{1}{4}$  S5 BT.

Enter dense cedar and pinyon timber,

42.00 Draw, course NE. Thence on NW. slope.

55.00 Top of low ridge bears N. and S. Thence over level land.

75.00 Desc. on SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap, marked

T24N | R2E

S6 | S5

S7 | S8

1916

from which

A pinyon, 12 ins. diam., bears N.30°55'E., 200 lks. dist., marked T24N R2E S5 BT,

A pinyon, 10 ins. diam., bears N.23°W., 80 lks. dist., marked T24N R2E S6 BT,

A pinyon, 18 ins. diam., bears S.34°45'E., 271 lks. dist., marked T24N R2E S8 BT, and

A pinyon, 10 ins. diam., bears S.37°35'W., 22 lks. dist., marked T24N R2E S7 BT.

Land, rolling.

Soil, red sandy loam, with scattering rocks on surface; 2nd rate.

Timber, cedar and pinyon.

Grass, gramma grass.

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

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

80.14 Intersect W. bdy. of Tp. 7 lks. S. of the cor. of secs. 1, 6, 7 and 12, described in book F.

Thence S.89°57'E., on a true line, bet. secs. 6 and 7, on gentle E. slope.

15.00 Ft. of slope. Thence over level land.

20.15 Draw, course S.

25.00 Thence over gently rolling land.

35.00 Enter scattering cedar and pinyon timber, bearing N. and S.

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

S 6

$\frac{1}{4}$

S 7

1916

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



Subdivision of T. 24 N., R. 2 E.

Chains

70.15 Top of rise bears N. and S. Enter dense timber, on SE. slope.

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

Land, rolling.  
Soil, red sandy loam, with rocky surface; 2nd rate.  
Timber, cedar and pinyon.  
White gramma grass.

25.00 S.0°01'W., bet. secs. 7 and 8,  
over rolling land, through dense cedar and pinyon timber.  
Leave timber, bearing E. and W. Thence over level land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for 1/4 sec. cor., with brass cap, marked

1/4 S7 | S8  
1916

from which  
A cedar, 10 ins. diam., bears S.62°E., 90 lks. dist., marked 1/4 S8 BT, and  
A cedar, 12 ins. diam., bears S.83°40'W., 253 lks. dist., marked 1/4 S7 BT.

50.00 Enter timber, bearing E. and W.

60.00 Leave timber, bearing E. and W.

65.00 Draw, course NW. Thence over gently rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked

T24N | R2E  
S7 | S8  
S18 | S17  
1916

from which  
A cedar, 12 ins. diam., bears S.74°35'W., 77 lks. dist., marked T24N R2E S18 BT.  
No other bearing trees within limits. Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Land, rolling.  
Soil, red sandy loam; 2nd rate.  
Timber, cedar and pinyon.  
White gramma grass.

40.00 N.89°57'W., on a random line, bet. secs. 7 and 18.  
Set temp. 1/4 sec. cor.

80.07 Intersect W.bdy. of Tp. 8 lks. N. of the cor. of secs. 7, 12, 13 and 18, described in book F.

Thence East, on a true line, bet. secs. 7 and 18, over rolling land, through dense cedar and pinyon timber. Asc. 160 ft., on W. slope.

20.00 Top of ridge bears N. and S. Desc. gradually on E. slope.  
40.035 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

S 7  
1/4  
S18  
1916

from which  
A pinyon, 6 ins. diam., bears N.81°30'W., 66 lks. dist., marked 1/4 S7 BT, and  
A pinyon, 8 ins. diam., bears S.41°25'E., 81 lks. dist.,

16

Subdivision of T. 24 N., R. 2 E.

Chains

marked  $\frac{1}{4}$  S18 BT.  
 65.00 Leave timber, bearing N. and S.  
 80.07 The cor. of secs. 7, 8, 17 and 18.

Land, rolling.  
 Soil, red sandy loam; 2nd rate.  
 Timber, cedar and pinyon.  
 White gramma grass.

S.0°01'W., bet. secs. 17 and 18,  
 over rolling open land.  
 20.00 Enter timber, bearing E. and W.  
 30.00 Old road bears 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., with brass cap, marked

$\frac{1}{4}$ S18	S17
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1916

from which

A cedar, 8 ins. diam., bears N.59°25'W., 123 lks. dist.,  
 marked  $\frac{1}{4}$  S18 BT, and  
 A pinyon, 6 ins. diam., bears S.60°E., 101 lks. dist.,  
 marked  $\frac{1}{4}$  S17 BT.

68.00 Draw, course E.

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, with brass  
 cap, marked

T24N	R2E
S18	S17
S19	S20

1916

from which

A cedar, 8 ins. diam., bears N.44°15'E., 131 lks. dist.,  
 marked T24N R2E S17 BT,  
 A cedar, 8 ins. diam., bears N.4°W., 48 lks. dist.,  
 marked T24N R2E S18 BT,  
 A cedar, 10 ins. diam., bears S.76°35'W., 22 lks. dist.,  
 marked T24N R2E S19 BT, and  
 A pinyon, 10 ins. diam., bears S.51°50'E., 260 lks. dist.,  
 marked T24N R2E S20BT.

Land, rolling.

Soil, sandy loam; 2nd rate.  
 Timber, cedar and pinyon.  
 White gramma grass.

40.00 West, on a random line, bet. secs. 18 and 19,  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.83 Intersect W. bdy. of Tp. 7 lks. N. of the cor. of secs.  
 13, 18, 19 and 24, described in book F.

11.00 Thence N.89°57'E., on a true line, bet. secs. 18 and 19,  
 over gently rolling land, on open W. slope.  
 Enter timber, bearing N. and S.; and asc. 150 ft. on W.  
 slope.

24.80 Summit of ascent. Continue through scattering timber.

39.91 $\frac{1}{2}$  Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S18

 $\frac{1}{4}$ 

S19

1916

from which

A pinyon, 10 ins. diam., bears N.84°45'W., 229 lks. dist.,

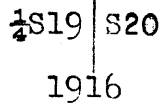
Subdivision of T. 24 N., R. 2 E.

Chains

79.83 marked  $\frac{1}{4}$  S18 BT, and  
 A pinyon, 12 ins. diam., bears S.3°10'E., 74 lks. dist.,  
 marked  $\frac{1}{4}$  S19 BT.  
 Thence through dense timber.  
 The cor. of secs. 17, 18, 19 and 20.

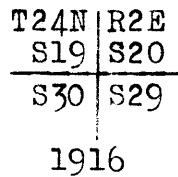
Land, rolling.  
 Soil, sandy: 2nd rate.  
 Timber, cedar and pinyon.  
 White gramma grass.

40.00 S.0°01'W., bet. secs. 19 and 20,  
 over rolling land, through dense cedar and pinyon timber.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



80.00 from which  
 A pinyon, 10 ins. diam., bears N.25°55'E., 51 lks. dist.,  
 marked  $\frac{1}{4}$  S20 BT, and  
 A cedar, 12 ins. diam., bears N.61°W., 65 lks. dist.,  
 marked  $\frac{1}{4}$  S19 BT.

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



from which  
 A pinyon, 8 ins. diam., bears N.55°E., 159 lks. dist.,  
 marked T24N R2E S20 BT,  
 A pinyon, 10 ins. diam., bears N.63°45'W., 167 lks. dist.,  
 marked T24N R2E S19 BT,  
 A pinyon, 10 ins. diam., bears S.61°20'W., 57 lks. dist.,  
 marked T24N R2E S30 BT, and  
 A pinyon, 15 ins. diam., bears S.17°05'E., 74 lks. dist.,  
 marked T24N R2E S29 BT.

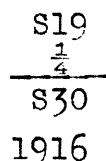
Land, rolling.  
 Soil, sandy loam; 2nd rate.  
 Timber, cedar and pinyon.  
 White gramma grass.

40.00 S.89°57'W., on a random line, bet. secs. 19 and 30.  
 79.72 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect W. bdy. of Tp. 12 lks. N. of the cor. of secs.  
 19, 24, 25 and 30, described in book F.

Thence N.89°52'E., on a true line, bet. secs. 19 and 30,  
 over rolling land.

3.00 Road bears N. and S. Thence on W. slope.  
 19.70 Enter dense cedar and pinyon timber, bearing N. and S.  
 24.70 End of W. slope.

39.88 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
 brass cap, marked



Chains

from which

A pinyon, 6 ins. diam., bears N.64°45'W., 10 lks. dist., marked  $\frac{1}{4}$  S19 BT, andA pinyon, 10 ins. diam., bears S.8°W., 34 lks. dist., marked  $\frac{1}{4}$  S30 BT.

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

Land, rolling.

Soil, sandy: 2nd rate.

Timber, cedar and pinyon.

White gramma grass.

40.00 S.0°01'W., bet. secs. 29 and 30,  
over rolling land, through dense timber.  
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
brass cap, marked

$\frac{1}{4}$ S30	S29
-------------------	-----

1916

from which

A pinyon, 6 ins. diam., bears S.33°15'E., 16 lks. dist., marked  $\frac{1}{4}$  S29 BT, andA pinyon, 8 ins. diam., bears N.29°15'W., 45 lks. dist., marked  $\frac{1}{4}$  S30 BT.

55.00 Leave timber, bearing E. and W.

59.92 Road bears E. and W.

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

T24N	R2E
S30	S29
S31	S32

1916

from which

A pinyon, 8 ins. diam., bears N.14°10'E., 97 lks. dist., marked T24N R2E S29 BT,

A pinyon, 15 ins. diam., bears N.20°20'W., 156 lks. dist., marked T24N R2E S30 BT,

A pinyon, 14 ins. diam., bears S.71°35'W., 282 lks. dist., marked T24N R2E S31 BT, and

A pinyon, 15 ins. diam., bears S.89°30'E., 159 lks. dist., marked T24N R2E S32 BT.

Land, rolling.

Soil, shallow red sandy loam; 2nd rate.

Timber, cedar and pinyon.

White gramma grass.

40.00 S.89°52'W., on a random line, bet. secs. 30 and 31.  
Set temp.  $\frac{1}{4}$  sec. cor.

80.02 Intersect W. bdy. of Tp. 2 lks. N. of the cor. of secs.  
25, 30, 31 and 36, described in book F.Thence N.89°51'E., on a true line, bet. secs. 30 and 31,  
over rolling, open land; asc. 130 ft., on W. slope.

18.35 Spur extends NW.

25.10 Draw, course NW.

30.00 Enter dense timber.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
brass cap, marked

Chains

S30  
1/4  
S31  
1916

from which  
A pinyon, 10 ins. diam., bears N.65°10'W., 36 lks. dist.,  
marked 1/4 S30 BT, and  
A pinyon, 6 ins. diam., bears S.37°15'E., 36 lks. dist.,  
marked 1/4 S31 BT.

80.02 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.  
Soil, shallow and sandy loam; 2nd rate.  
Timber, cedar and pinyon.  
White gramma grass.

40.00 S.0°01'W., on a random line, bet. secs. 31 and 32.  
86.77 Set temp. 1/4 sec. cor.  
Intersect S. bdy. of Tp. 20 lks. W. of the reestablished  
cor. of secs. 5, 6, 31 and 32, hereinbefore described.

16.75 Thence N.0°07'W., on a true line, bet. secs. 31 and 32,  
35.07 over rolling land, through cedar and pinyon timber.  
46.77 Leave timber, bearing E. and W.  
Road bears E. and W.  
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for 1/4 sec. cor., with  
brass cap, marked

1/4 S31 | S32  
1916

86.77 from which  
A cedar, 6 ins. diam., bears N.86°20'E., 34 lks. dist.,  
marked 1/4 S32 BT, and  
A cedar, 5 ins. diam., bears N.69°25'W., 32 lks. dist.,  
marked 1/4 S31 BT.  
Enter dense timber, bearing E. and W.  
The cor. of secs. 29, 30, 31 and 32.

Land, rolling;  
Soil, shallow sandy loam; 2nd rate.  
Timber, cedar and pinyon.  
Undergrowth, none.  
Grass, gramma.

From the cor. of secs. 4 and 5, identical with standard  
cor. of secs. 32 and 33, on N. bdy. of Tp., (6th St.  
Par. N.), hereinbefore described;

27.76 S.0°01'W., bet. secs. 4 and 5,  
28.66 over rolling land.  
28.86 Grand Canyon Railway track bears N.34°W. and S.34°E.  
29.36 Telephone and telegraph line, parallel to track.  
Road bears N.27°W. and S.27°E.  
Barbed wire fence bears S.27°45'E. and N.27°45'W.  
Enter field.  
40:00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., with brass cap, marked

1/4 S5 | S4  
1916

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

Chains

- 57.00 NE. cor. of barn on Miller's ranch bears S.37°40'E., and NW. cor. bears S.17°40'E., 213 lks. dist.
- 58.36 Barbed wire fence bears N.41°05'W. and S.41°05'E. House bears S.37°40'E., 7 chs. dist.
- 60.00 Barbed wire fence bears S.73°40'W. and N.73°40'E.
- 60.92 Barbed wire fence bears S.40°E. and N.40°W.
- 70.00 Wash, 100 lks. wide, 2 ft. deep, course, E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for cor. of secs. 4, 5, 8 and 9, with brass cap, marked

T24N	R2E
S5	S4
S8	S9

1916

- from which
- A pinyon, 10 ins. diam., bears N.62°45'E., 142 lks. dist., marked T24N R2E S4 BT,
- A pinyon, 6 ins. diam., bears N.40°55'W., 154 lks. dist., marked T24N R2E S5 BT,
- A pinyon, 8 ins. diam., bears S.45°45'W., 125 lks. dist., marked T24N R2E S8 BT, and
- A pinyon, 6 ins. diam., bears S.65°E., 81 lks. dist., marked T24N R2E S9 BT.

Land, rolling.  
 Soil, sandy loam; 2nd rate.  
 Timber, cedar and pinyon.  
 Grass, white gramma.

- West, on a random line, bet. secs. 5 and 8.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.04 Intersect N. and S. line 7 lks. S. of the cor. of secs. 5, 6, 7 and 8,

Thence S.89°57'E., on a true line, bet. secs. 5 and 8, over rolling land, through dense timber.

- 25.00 Leave dense timber, bearing N. and S. Thence through scattering timber.
- 28.25 Wash, 100 lks. wide, course N.
- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S 5
$\frac{1}{4}$
S 8
1916

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

- 49.67 Road bears N.20°E. and S.
- 63.37 Wash, 100 lks. wide, course NE.
- 72.44 Barbed wire fence bears N. and S.
- 80.04 The cor. of secs. 4, 5, 8 and 9.

Land, rolling.  
 Soil, red sandy loam; 2nd rate.  
 Timber, cedar and pinyon.  
 Undergrowth, sage brush.  
 Grass, white gramma.

S.0°01'W., bet. secs. 8 and 9, over rolling land, through scattering cedar and pinyon timber.

- 5.75 Barbed wire fence bears N.70°W. and S.70°E.

Subdivision of T. 24 N., R. 2 E.

Chains

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

1/4 S8 | S9

1916

from which

A cedar, 15 ins. diam., bears S.53°50'E., 113 lks. dist., marked 1/4 S9 BT, and

A cedar, 10 ins. diam., bears S.38°30'W., 231 lks. dist., marked 1/4 S8 BT.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, (impracticable to set post in the ground) for cor. of secs. 8, 9, 16 and 17, with brass cap, marked

T24N | R2E  
S8 | S9  
-----  
S17 | S16

1916

from which

A pinyon, 6 ins. diam., bears N.7°35'E., 93 lks. dist., marked T24N R2E S9 BT,

A cedar, 6 ins. diam., bears S.68°40'E., 192 lks. dist. marked T24N R2E S16 BT,

A pinyon, 6 ins. diam., bears N.77°55'W., 26 lks. dist. marked T24N R2E S8 BT, and

A cedar, 10 ins. diam., bears S.77°35'W., 220 lks. dist., marked T24N R2E S17 BT.

Land, rolling.

Soil, shallow sandy loam; 2nd rate.

Timber, cedar and pinyon.

Grass, white gramma.

40.00 N.89°57'W., on a random line, bet. secs, 8 and 17. Set temp. 1/4 sec. cor.

80.22 Intersect N. and S. line 14 lks. N. of the cor. of secs. 7, 8, 17 and 18.

Thence N.89°57'E., on a true line, bet. secs. 8 and 17, over rolling land, through dense timber.

30.22 Road bears NE. and SW.

40.11 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

S 8  
1/4

S17  
1916

from which

A pinyon, 12 ins. diam., bears N.59°40'E., 62 lks. dist., marked 1/4 S8 BT, and

A pinyon, 6 ins. diam., bears S.12°45'E., 75 lks. dist., marked 1/4 S17 BT.

Impracticable to set post deeper in the ground. Raise a mound of stone, around cor.

47.00 Leave dense timber, bearing N. and S. Thence through scattering timber.

65.55 Wash, 100 lks. wide, 5 ft. deep, course N.

80.22 The cor. of secs. 8, 9, 16 and 17.

Land, rolling.

Soil, shallow sandy loam; 2nd rate.

Timber, cedar and pinyon.

Grass, white gramma.

Chains

40.00 S.0°01'W., bet. secs. 16 and 17,  
over rolling land, through scattering timber.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for 1/4 sec. cor., with brass cap, marked

1/4 S17 | S16

1916

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

Enter dense timber, bearing E. and W.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
stone, (impracticable to set post deeper in the ground)  
for cor. of secs. 16, 17, 20 and 21, with brass cap,  
marked

T24N | R2E

S17 | S16

S20 | S21

1916

from which

A pinyon, 19 ins. diam., bears N.20°55'E., 90 lks. dist.,  
marked T24N R2E S16 BT.

A pinyon, 8 ins. diam., bears N.56°40'W., 158 lks. dist.,  
marked T24N R2E S17 BT.

A pinyon, 10 ins. diam., bears S.56°55'W., 95 lks. dist.,  
marked T24N R2E S20 BT, and

A pinyon, 6 ins. diam., bears S.64°20'E., 28 lks. dist.,  
marked T24N R2E S21 BT.

Land, rolling.

Soil, shallow sandy loam; 2nd rate.

Timber, cedar and pinyon.

Grass, white gramma.

40.00 S.89°57'W., on a random line, bet. secs. 17 and 20.  
80.44 Set temp. 1/4 sec. cor.

Intersect N. and S. line 4 lks. S. of the cor. of secs.  
17, 18, 19 and 20.

5.45 Thence N.89°59'E., on a true line, bet. secs. 17 and 20,  
40.22 over rolling land, through scattering timber.  
Draw, course N.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for 1/4 sec. cor., with  
brass cap, marked

S17

1/4

S20

1916

from which

A cedar, 10 ins. diam., bears N.4°10'W., 127 lks. dist.,  
marked 1/4 S17 BT, and

A pinyon, 8 ins. diam., bears S.80°45'E., 60 lks. dist.,  
marked 1/4 S20 BT.

Thence through dense timber.

59.53 Draw, course NE.

70.60 Wash, 100 lks. wide, 5 ft. deep, course N.

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

Land, rolling.

Soil, shallow sandy loam; 2nd rate.

Timber, cedar and pinyon.

Grass, white gramma.



Subdivision of T. 24 N., R. 2 E.

Chains

S.0°01'W., bet. secs. 20 and 21,  
 over rolling land, through dense timber.  
 6.30 Leave timber, bearing E. and W.  
 11.10 Wash, 100 lks. wide, 3 ft. deep, course NW.  
 24.67 Wash, 100 lks. wide, 2 ft. deep, course E. Same wash.  
 34.62 Same wash, 100 lks. wide, 5 ft. deep, course N.70°W.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, (impracticable to set post in the ground) for  
 1/4 sec. cor., with brass cap, marked

1/4 S20	S21
---------	-----

1916

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

44.90 Enter same wash, course NE.  
 49.90 Leave wash; comes from SE.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post deeper in the ground) for cor. of secs.  
 20, 21, 28 and 29, with brass cap, marked

T24N	R2E
S20	S21
S29	S28

1916

from which  
 A pinyon, 10 ins. diam., bears N.31°35'E., 70 lks. dist.,  
 marked T24N R2E S21 BT,  
 A pinyon, 15 ins. diam., bears N.49°15'W., 179 lks. dist.,  
 marked T24N R2E S20 BT,  
 A cedar, 6 ins. diam., bears S.72°35'W., 91 lks. dist.,  
 marked T24N R2E S29 BT, and  
 A pinyon, 6 ins. diam., bears S.72°40'E., 25 lks. dist.,  
 marked T24N R2E S28 BT.

Land, rolling.  
 Soil, shallow red sandy loam; 2nd rate.  
 Timber, cedar and pinyon.  
 Grass, gramma.

40.00 S.89°59'W., on a random line, bet. secs. 20 and 29.  
 Set temp. 1/4 sec. cor.  
 80.36 Intersect N. and S. line 9 lks. N. of the cor. of secs.  
 19, 20, 29 and 30.

40.18 Thence N.89°55'E., on a true line, bet. secs. 20 and 29,  
 over rolling land, through dense timber.  
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for 1/4 sec. cor., with brass cap, marked

S20
1/4
S29
1916

from which  
 A pinyon, 10 ins. diam., bears N.10°25'W., 169 lks. dist.,  
 marked 1/4 S20 BT, and  
 A cedar, 18 ins. diam., bears S.38°40'E., 142 lks. dist.,  
 marked 1/4 S29 BT.

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

Land, rolling.  
 Soil, shallow red sandy loam; 2nd rate.  
 Timber, cedar and pinyon.  
 Grass, white gramma.

24

Subdivision of T. 24 N., R. 2 E.

Chains.

- S.0°01'W., bet. secs. 28 and 29,  
over rolling land, through dense timber.
- 5.00 Draw, course E.
- 19.67 Enter dry wash, 2 chs. wide, 5 ft. deep, course NE.
- 40.00 Point for  $\frac{1}{4}$  sec. cor. falls in wash, where it can not be  
securely set. Therefore at
- 39.60 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for witness cor. to  $\frac{1}{4}$  sec. cor., with brass cap,  
marked
- |      |               |     |
|------|---------------|-----|
|      | $\frac{1}{4}$ |     |
| S29  |               | S28 |
| W    |               | C   |
| 1916 |               |     |
- from which
- A pinyon, 6 ins. diam., bears N.2°E., 100 lks. dist.,  
marked WC  $\frac{1}{4}$  S28 BT, and
- A pinyon, 12 ins. diam., bears N.22°10'W., 125 lks. dist.,  
marked WC  $\frac{1}{4}$  S29 BT.
- 54.57 Leave wash, course N. Comes from SW.
- 64.36 Wash, 2 chs. wide, 5 ft. deep, course W.
- 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, with brass  
cap, marked
- |      |  |     |
|------|--|-----|
| T24N |  | R2E |
| S29  |  | S28 |
| S32  |  | S33 |
| 1916 |  |     |
- from which
- A cedar, 6 ins. diam., bears N.46°25'E., 88 lks. dist.,  
marked T24N R2E S28 BT,
- A pinyon, 8 ins. diam., bears N.68°10'W., 41 lks. dist.,  
marked T24N R2E S29 BT,
- A pinyon, 12 ins. diam., bears S.56°55'W., 75 lks. dist.,  
marked T24N R2E S32 BT, and
- A pinyon, 8 ins. diam., bears S.20°30'E., 111 lks. dist.,  
marked T24N R2E S33 BT.
- Land, rolling.  
Soil, shallow, sandy and rocky; 3rd rate.  
Timber, cedar and pinyon.  
Grass, white gramma.
- 
- S.89°55'W., on a random line, bet. secs. 29 and 32.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.16 Intersect N. and S. line 2 lks. N. of the cor. of secs.  
29, 30, 31 and 32.
- Thence N.89°54'E., on a true line, bet. secs. 29 and 32,  
over rolling land, through dense timber.
- 26.25 Road bears NW. and S.
- 40.08 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked
- |               |  |
|---------------|--|
| S29           |  |
| $\frac{1}{4}$ |  |
| S32           |  |
| 1916          |  |
- from which
- A pinyon, 6 ins. diam., bears N.71°45'W., 66 lks. dist.,  
marked  $\frac{1}{4}$  S29 BT, and
- A pinyon, 8 ins. diam., bears S.59°30'E., 33 lks. dist.,  
marked  $\frac{1}{4}$  S32 BT.
- 48.10 Draw, course NE.
- 70.20 Draw, course N.10°E.
- 80.16 The cor. of secs. 28, 29, 32 and 33.
- Land, rolling. Soil, red sandy and rocky loam, 3rd rate.  
Timber, cedar and pinyon. Grass, white gramma.

Chains

40.00  
86.29

S.0°01'W., on a random line, bet. secs. 32 and 33.  
Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect S. bdy. of Tp. 2 lks. E. of the cor. of secs. 4, 5,  
32 and 33, reestablished as hereinbefore described.

46.29

Thence N.0°02'E., on a true line, bet. secs. 32 and 33,  
over 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., with brass cap, marked

$\frac{1}{4}$ S32 | S33

1916

from which

A pinyon, 10 ins. diam., bears S.33°40'W., 50 lks. dist.,  
marked  $\frac{1}{4}$  S32 BT, and  
A pinyon, 8 ins. diam., bears S.52°10'E., 38 lks. dist.,  
marked  $\frac{1}{4}$  S33 BT.

51.30  
86.29

Draw, at head, course NW.  
The cor. of secs. 28, 29, 32 and 33.

Land, rolling.  
Soil, shallow and sandy; 2nd rate.  
Timber, cedar and pinyon.  
Grass, white gramma.

4.80  
15.00  
40.00

From the cor. of secs. 3 and 4, identical with the standard  
cor. of secs. 33 and 34, on N. bdy. of Tp., (6th St. Par.  
N.) hereinbefore described:

S.0°02'W., bet. secs. 3 and 4,  
over gently rolling land, through scattering cedar timber.  
Draw, course N.50°W.  
Thence on NE. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$ S4 | S3

1916

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

50.00  
75.90  
76.80  
80.00

Thence over gentle N. slope.  
Desc. on SE. slope.  
Road from Williams to Grand Canyon bears N.10°E. and S.30°W.  
Wash, 50 lks. wide, 3 ft. deep, course N.70°W.  
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of  
stone, (impracticable to set post in the ground) for cor.  
of secs. 3, 4, 9 and 10, with brass cap, marked

T24N | R2E  
S4 | S3  
-----  
S9 | S10

1916

from which

A cedar, 6 ins. diam., bears N.66°30'E., 42 lks. dist.,  
marked T24N R2E S3 BT,  
A cedar, 14 ins. diam., bears S.62°30'E., 290 lks. dist.,  
marked T24N R2E S10 BT,  
A cedar, 14 ins. diam., bears S.42°45'W., 240 lks. dist.,  
marked T24N R2E S9 BT, and  
A cedar, 24 ins. diam., bears N.36°45'W., 47 lks. dist.,  
marked T24N R2E S4 BT.

Land, gently rolling.  
Soil, sandy and gravelly clay; 2nd rate.  
Timber, cedar.  
Undergrowth, sage brush.

Chains	
40.00	West, on a random line, bet. secs. 4 and 9.
79.94	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect N. and S. line 4 lks. N. of the cor. of secs. 4, 5, 8 and 9.
	Thence N. $89^{\circ}58'E.$ , on a true line, bet. secs. 4 and 9, over rolling land, through cedar and pinyon timber.
8.80	Draw, course N. $30^{\circ}E.$
25.90	Fence, 3 wire, bears N. $15^{\circ}W.$ and S. $15^{\circ}E.$
26.00	Road bears N. $15^{\circ}W.$ and S. $15^{\circ}E.$
26.13	Telegraph line bears N. $10^{\circ}W.$ and S. $15^{\circ}E.$
30.16	Grand Canyon Railway track bears N. $12^{\circ}W.$ and S. $12^{\circ}E.$
39.97	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\begin{array}{r} S\ 4 \\ \frac{1}{4} \\ \hline S\ 9 \\ 1916 \end{array}$
	and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
	Impracticable to set post in the ground. Raise a mound of stone around cor.
57.50	Draw, course N. $20^{\circ}W.$
76.45	Road from Williams to Grand Canyon bears S. $15^{\circ}W.$ and N. $15^{\circ}E.$
79.94	The cor. of secs. 3, 4, 9 and 10.
	Land, rolling.
	Soil, sandy and gravelly: rocky, 3rd rate on W. 60 chs., and 1st rate sandy clay on balance. Limestone formation.
	Timber, cedar and pinyon.
	S. $0^{\circ}02'W.$ , bet. secs. 9 and 10, over rolling land, through cedar and pinyon timber, on N. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked
	$\begin{array}{r} \frac{1}{4}S9\   \ S10 \\ \hline 1916 \end{array}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
64.00	Bend in road bears W., 100 lks. dist. Road bears N. $20^{\circ}W.$ and S. $40^{\circ}W.$
	Thence on S. slope.
74.75	Same road, from Williams to Grand Canyon, bears N. $30^{\circ}W.$ and S. $30^{\circ}E.$
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, with brass cap, marked
	$\begin{array}{r} T24N\   \ R2E \\ S9\   \ S10 \\ \hline S16\   \ S15 \\ \hline 1916 \end{array}$
	dig pits, 18x18x12 ins., in each sec., $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
	Land, rolling.
	Soil, stony: 3rd rate for 75 chs., and 1st rate sandy clay for balance.
	Timber, cedar and pinyon.

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Chains

S. 89° 58' W.  
 on a random line, bet. secs. 9 and 16.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.82 Intersect N. and S. line 7 lks. S. of cor. of secs. 8, 9,  
 16 and 17.

Thence S. 89° 59' E., on a true line, bet. secs. 9 and 16,  
 over rolling land, through cedar timber.  
 31.80 Leave timber, bearing N. 20° W. and S. 15° E. Thence on NE. slope.  
 39.91 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S 9  
 $\frac{1}{4}$   
 S16  
 1916

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

40.20 Road bears N. 16° 30' W., and S. 16° 30' E.  
 40.65 Telegraph line bears N. 16° 30' W. and S. 16° 30' E.  
 41.07 Grand Canyon Railway track bears N. 16° 30' W. and S. 16° 30' E.  
 56.80 N. edge of hill bears S., 2 chs. dist.  
 73.80 Wash, 30 lks. wide, course N. 60° W.  
 79.82 The cor. of secs. 9, 10, 15 and 16.

Land, W. 32 chs. rolling and balance nearly level.  
 Soil, sandy, gravelly and stony, 3rd rate, on rolling  
 part and 1st rate sandy clay on balance. Limestone formation.  
 Timber, cedar and pinyon.

S. 0° 02' W., bet. secs. 15 and 16,  
 over level land, through sage brush.  
 12.00 Asc. on NE. slope.  
 13.00 Enter cedar and pinyon timber, bears N. 70° W. and S. 50° E.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground, surrounded by a mound of stone, ( impracticable  
 to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
 brass cap, marked

$\frac{1}{4}$ S16 | S15  
 1916

from which  
 A cedar, 24 ins. diam., bears N. 75° E., 115 lks. dist.,  
 marked  $\frac{1}{4}$  S15 BT, and  
 A pinyon, 6 ins. diam., bears S. 1° W., 166 lks. dist.,  
 marked  $\frac{1}{4}$  S16 BT.

45.00 Desc. on SW. slope.  
 72.45 Draw, course N. 35° W.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound  
 of stone, ( impracticable to set post in the ground)  
 for cor. of secs. 15, 16, 21 and 22, with brass cap,  
 marked

T24N | R2E  
 S16 | S15  
 S21 | S22  
 1916

from which  
 A cedar, 6 ins. diam., bears N. 5° E., 10 lks. dist.,  
 marked T24N R2E S15 BT, and  
 A cedar, 14 ins. diam., bears N. 75° W., 154 lks. dist.,  
 marked T24N R2E S16 BT.  
 No other trees within limits. Raise a mound of stone,  
 2 $\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.

Land, rolling.  
 Soil, sandy clay, 1st rate for first 10 chs., and sandy,  
 gravelly and stony, 3rd rate, for balance. Limestone  
 formation.  
 Timber, cedar and pinyon.

Chains

West, on a random line, bet. secs. 16 and 21.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.84 Intersect N. and S. line 2 lks. S. of the cor. of secs. 16, 17, 20 and 21.

Thence S.  $89^{\circ}59'E.$ , on a true line, bet. secs. 16 and 21, over gently rolling land, through cedar and pinyon timber.  
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S16
$\frac{1}{4}$
S21
1916

from which  
 A pinyon, 18 ins. diam., bears N.  $73^{\circ}30'E.$ , 24 lks. dist., marked  $\frac{1}{4}$  S16 BT, and  
 A pinyon, 12 ins. diam., bears S.  $10^{\circ}E.$ , 5 lks. dist., marked  $\frac{1}{4}$  S21 BT.

47.84 Road bears N.  $30^{\circ}E.$  and S.  
 64.38 Telegraph line bears N.  $16^{\circ}32'W.$  and S.  $16^{\circ}32'E.$   
 64.84 Grand Canyon Railway track bears N.  $16^{\circ}32'W.$  and S.  $16^{\circ}32'E.$   
 Track curves to west 5 chs. S. of line.  
 65.85 Wash, 20 lks. wide, 2 ft. deep, course N.  $20^{\circ}W.$   
 79.84 The cor. of secs. 15, 16, 21 and 22.

Land, gently rolling.  
 Soil, shallow, sandy and stony clay; 3rd rate. Limestone formation.  
 Timber, cedar and pinyon.  
 Undergrowth, mulberry brush.

S.  $0^{\circ}02'W.$ , bet. secs. 21 and 22, over gently rolling land, through cedar and pinyon timber.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

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

Thence on SW. slope.  
 55.50 Draw, course N.  $65^{\circ}W.$  Thence on NE. slope.  
 73.00 Thence on NW. slope.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for cor. of secs. 21, 22, 27 and 28, with brass cap, marked

T24N	R2E
S21	S22
S28	S27

1916

from which  
 A pinyon, 6 ins. diam., bears N.  $73^{\circ}E.$ , 112 lks. dist., marked T24N R2E S22 BT,  
 A cedar, 5 ins. diam., bears S.  $53^{\circ}30'E.$ , 59 lks. dist., marked T24N R2E S27 BT, and  
 A cedar, 6 ins. diam., bears S.  $53^{\circ}10'W.$ , 177 lks. dist., marked T24N R2E S28 BT.

No other bearing trees within limits. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, gently rolling. Soil, sandy, gravelly and stony; 3rd rate. Limestone formation.  
 Timber, cedar and pinyon.

Chains

West, on a random line, bet. secs. 21 and 28.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.16 Intersect N. and S. line 40 lks. S. of the cor. of secs.  
 20, 21, 28 and 29.

Thence S.89°43'E., on a true line, bet. secs. 21 and 28,  
 over rolling land, through cedar and pinyon timber.  
 10.24 Wash, 100 lks. wide, 5 ft. deep, course N.20°E. Asc. 75 ft.  
 20.00 Summit of ascent, on edge of deep draw, called Red Lake  
 Canyon.

25.00 Leave dense timber. Thence through scattering timber.  
 40.08 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, (impracticable to set post deeper in the ground)  
 for  $\frac{1}{4}$  sec. cor., with brass cap, marked:

S21  
 $\frac{1}{4}$   
 S28  
 1916

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

67.18 Road bears N. and S.  
 68.38 Telephone and telegraph line bears N.6°50'E. and S.6°50'W.  
 68.88 Grand Canyon Railway track bears N.6°50'E. and S.6°50'W.  
 80.16 The cor. of secs. 21, 22, 27 and 28.

Land, rolling.  
 Soil, shallow red sandy loam; 2nd rate.  
 Timber, cedar and pinyon.  
 Undergrowth, sage brush.  
 Grass, white gramma.

S.0°02'W., bet. secs. 27 and 28,  
 over rolling land, through scattering cedar and pinyon  
 timber.

37.49 State Highway, from Williams to Grand Canyon, bears N.55°E.,  
 and S.55°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
 brass cap, marked

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

from which  
 A pinyon, 6 ins. diam., bears N.26°40'E., 150 lks. dist.,  
 marked  $\frac{1}{4}$  S27 BT, and  
 A pinyon, 12 ins. diam., bears N.57°10'W., 198 lks. dist.,  
 marked  $\frac{1}{4}$  S28 BT.

Thence through dense timber.  
 55.00 Leave timber, bearing NW. and SE. Thence over gently  
 rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post deeper in the ground) for cor. of secs.  
 27, 28, 33 and 34, with brass cap, marked

T24N | R2E  
 S28 | S27  
 S33 | S34

1916

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$  ft. high,  
 W. of cor.

Land, rolling.  
 Soil, shallow and sandy, with rocky surface; 3rd rate.  
 Timber, cedar and pinyon.  
 Undergrowth, sage brush.  
 Grass, white gramma.

Chains

40.00 N.89°43'W., on a random line, bet. secs. 28 and 33.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.84 Intersect N. and S. line 2 lks. N. of cor. of secs. 28,  
 29, 32 and 33.

Thence S.89°44'E., on a true line, bet. secs. 28 and 33,  
 over level land, through dense cedar and pinyon timber.  
 8.70 Desc. 100 ft., into canyon.  
 24.00 Bed of canyon. Wash, 100 lks. wide, 5 ft. deep, course NW.  
 Asc. 100 ft.  
 34.85 Summit. Edge of canyon. Thence over rolling land.  
 39.92 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
 stone, (impracticable to set post in the ground) for  $\frac{1}{4}$   
 sec. cor., with brass cap, marked

S28  
 $\frac{1}{4}$   
 S33  
 1916

from which  
 A pinyon, 6 ins. diam., bears N.67°W., 66 lks. dist.,  
 marked  $\frac{1}{4}$  S28 BT, and  
 A pinyon, 8 ins. diam., bears S.52°10'E., 109 lks. dist.,  
 marked  $\frac{1}{4}$  S33 BT.

59.84 Leave timber, bearing N. and S.  
 74.86 State Highway, Williams to Grand Canyon, bears N.7°45'W.  
 and S.7°45'E.  
 77.55 Telegraph line bears N.7°45'W. and S.7°45'E.  
 78.00 Grand Canyon Railway track bears N.7°45'W. and S.7°45'E.  
 79.84 The cor. of secs. 27, 28, 33 and 34.

Land, rolling.  
 Soil, sandy and rocky; 3rd rate.  
 Timber, cedar and pinyon.  
 Grass, white gramma.

40.00 S.0°02'W., on a random line, bet. secs. 33 and 34.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 85.43 Intersect S. bdy. of Tp. 18 lks. E. of the cor. of secs.  
 3, 4, 33 and 34, reestablished as hereinbefore described.

Thence N.0°10'E., on a true line, bet. secs. 33 and 34,  
 through cedar and pinyon timber.  
 9.03 Grand Canyon Railway track bears N.50°15'E. and S.50°15'W.  
 11.43 Telegraph line, parallel to railroad.  
 15.43 State Highway, Williams to Grand Canyon, bears NE. and SW.  
 35.43 Draw, course NW.  
 40.43 State Highway bears N.20°W. and SE.  
 45.43 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$ S33 | S34  
 1916

from which  
 A cedar, 8 ins. diam., bears S.51°30'E., 114 lks. dist.,  
 marked  $\frac{1}{4}$  S34 BT, and  
 A cedar, 6 ins. diam., bears N.58°W., 62 lks. dist.,  
 marked  $\frac{1}{4}$  S33 BT.

69.43 Telegraph line bears N.7°45'W. and S.7°45'E.  
 71.63 Grand Canyon Railway track, parallel to telegraph line.  
 85.43 The cor. of secs. 27, 28, 33 and 34.

Land, rolling.  
 Soil, 2nd rate.  
 Timber, cedar and pinyon.  
 Grass, white gramma.



Chains

From the cor. of secs. 2 and 3, identical with standard cor. of secs. 34 and 35, on N. bdy. of Tp., (6th St. Par. N.) hereinbefore described;

3.80 S.0°03'W., bet. secs. 2 and 3,  
over hilly land, through cedar and pinyon timber.  
Wash, 30 lks. wide, 2 ft. deep, course N.80°W. Thence on  
NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
brass cap, marked

$\frac{1}{4}$ S3	S2
1916	

from which

A cedar, 5 ins. diam., bears S.27°E., 61 lks. dist.,  
marked  $\frac{1}{4}$  S2 BT, and  
A cedar, 6 ins. diam., bears N.34°30'W., 132 lks. dist.,  
marked  $\frac{1}{4}$  S3 BT.

45.90 Ravine, 7 chs. wide, 60 ft. deep, course (S.80°E.)  
52.25 Desc. 35 ft., on S. slope.  
55.20 Draw, course N.70°W. Asc. on N. slope.  
59.50 Wire fence bears N.40°E. and S.40°W.  
77.00 Thence on SW. slope.

x N. 50° W

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for cor. of secs.  
2, 3, 10 and 11, with brass cap, marked

T24N	R2E
S3	S2
S10	S11
1916	

from which

A cedar, 4 ins. diam., bears N.62°E., 38 lks. dist.,  
marked T24N R2E S2 BT,  
A pinyon, 6 ins. diam., bears S.61°30'E., 41 lks. dist.,  
marked T24N R2E S11 BT,  
A pinyon, 6 ins. diam., bears S.55°W., 32 lks. dist.,  
marked T24N R2E S10 BT, and  
A pinyon, 8 ins. diam., bears N.62°W., 121 lks. dist.,  
marked T24N R2E S3 BT.

Land, rolling.

Soil, shallow, sandy, gravelly and stony; 3rd rate.  
Formation, limestone.  
Timber, cedar and pinyon.

40.00 West, on a random line, bet. secs. 3 and 10.  
Set temp.  $\frac{1}{4}$  sec. cor.  
80.10 Intersect N. and S. line 2 lks. N. of the cor. of secs.  
3, 4, 9 and 10.

Thence N.89°59'E., on a true line, bet. secs. 3 and 10,  
over rolling land, through cedar and pinyon timber.  
Desc. on NE. slope.

10.20 Wash, 50 lks. wide, 3 ft. deep, course N.80°W. Asc. on W.  
and SW. slopes.

40.05 Set an iron post, 3 ft. long, 1 in. diam., in a mound of  
stone, (impracticable to set post in the ground) for  $\frac{1}{4}$   
sec. cor., with brass cap, marked

S 3
$\frac{1}{4}$
S10
1916

from which

Chains

A cedar, 6 ins. diam., bears S.20°W., 67 lks. dist., marked  $\frac{1}{4}$  S10 BT, and  
 A cedar, 8 ins. diam., bears N.18°30'W., 94 lks. dist., marked  $\frac{1}{4}$  S3 BT.

52.70 Summit of ascent; 410 ft. above wash; desc. 65 ft.  
 63.30 Ravine, 4 chs. wide, 80 ft. deep, course N.60°W. Asc. 120 ft., on SW. slope.  
 80.10 The cor. of secs. 2, 3, 10 and 11.

Land, rolling and hilly.  
 Soil, sandy, gravelly and stony; 3rd rate.  
 Timber, cedar and pinyon.  
 Formation, sandstone and limestone.

S.0°03'W., bet. secs. 10 and 11, over rolling land, through cedar and pinyon timber, on SW. slope.

3.10 N. side of ravine.  
 7.00 Bottom of ravine, 60 ft. deep, course N.60°W.  
 9.80 S. side of ravine.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

1916

from which  
 A cedar, 5 ins. diam., bears S.73°E., 41 lks. dist., marked  $\frac{1}{4}$  S11 BT, and  
 A cedar, 5 ins. diam., bears S.81°W., 30 lks. dist., marked  $\frac{1}{4}$  S10 BT.

66.10 Desc. on SW. slope, 180 ft.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, (impracticable to set post in the ground) for cor. of secs. 10, 11, 14 and 15, with brass cap, marked

T24N | R2E

S10 | S11

S15 | S14

1916

from which  
 A pinyon, 12 ins. diam., bears N.79°E., 94 lks. dist., marked T24N R2E S11 BT, and  
 A cedar, 10 ins. diam., bears N.86°W., 39 lks. dist., marked T24N R2E S10 BT.  
 No other trees within limits. Raise a mound of stone, 3 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land, rolling and hilly.  
 Soil, shallow, sandy, gravelly and stony; 3rd rate.  
 Formation, sandstone.  
 Timber, cedar and pinyon.

40.00 West, on a random line, bet. secs. 10 and 15.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.18 Intersect N. and S. line at the cor. of secs. 9, 10, 15 and 16.

Thence East, on a true line, bet. secs. 10 and 15, over rolling land, through cedar and pinyon timber, ascending on SW. slope.

5.78 Williams and Grand Canyon road bears N.30°W. and S.30°E.  
 25.20 Ft. of descent, 100 ft. below sec. cor. Thence on NE. slope.  
 40.09 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the

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Chains

ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for 1/4 sec. cor., with brass cap, marked

S10  
1/4  
S15  
1916

from which

A cedar, 4 ins. diam., bears N.61°15'E., 124 lks. dist. marked 1/4 S10 BT, and

A cedar, 14 ins. diam., bears S.23°20'W., 191 lks. dist., marked 1/4 S15 BT.

58.00 Wash, 50 lks. wide, 3 ft. deep, course N.50°W. Asc. 110 ft., on SW. slope.

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

Land, rolling.  
Soil, sandy, gravelly and stony; 3rd rate.  
Formation, sandstone and limestone.  
Timber, cedar and pinyon.

S.0°03'W., bet. secs. 14 and 15, over rolling land, through cedar and pinyon timber. Desc. 160 ft., on SW. slope.

15.00 Ft. of hill bears N.70°W. and S.50°E.

22.30 Wash, 50 lks. wide, 3 ft. deep, course NW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for 1/4 sec. cor., with brass cap, marked

1/4 S15 | S14  
1916

from which

A cedar, 10 ins. diam., bears N.2°15'E., 174 lks. dist. marked 1/4 S14 BT, and

A cedar, 6 ins. diam., bears N.0°15'W., 260 lks. dist., marked 1/4 S15 BT.

60.00 Asc. 80 ft., on NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for cor. of secs. 14, 15, 22 and 23, with brass cap, marked

T24N | R2E  
S15 | S14  
S22 | S23  
1916

from which

A cedar, 24 ins. diam., bears N.86°30'E., 346 lks. dist., marked T24N R2E S14 BT,

A pinyon, 14 ins. diam., bears S.31°E., 246 lks. dist., marked T24N R2E S23 BT,

A cedar, 8 ins. diam., bears S.20°W., 32 lks. dist., marked T24N R2E S22 BT, and

A cedar, 12 ins. diam., bears N.54°W., 105 lks. dist., marked T24N R2E S15 BT.

Land, rolling.  
Soil, dark sandy clay, stony; 3rd rate.  
Formation, sandstone and limestone.  
Timber, cedar and pinyon.

Chains

West, on a random line, bet. secs. 15 and 22.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.10 Intersect N. and S. line at the cor. of secs. 15, 16, 21 and 22.

Thence East, on a true line, bet. secs. 15 and 22, over rolling land, through cedar and pinyon timber.  
 3.20 Draw, course N.30°W.  
 17.00 Road from Williams to Grand Canyon bears N.10°E. and S.10°W.  
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S15
$\frac{1}{4}$
-----
S22
1916

from which  
 A cedar, 8 ins. diam., bears N.85°E., 198 lks. dist., marked  $\frac{1}{4}$  S15 BT, and  
 A cedar, 14 ins. diam., bears S.58°E., 93 lks. dist., marked  $\frac{1}{4}$  S22 BT.

80.10 The cor. of secs. 14, 15, 22 and 23.

Land, rolling.  
 Soil, sandy and stony clay; 2nd rate.  
 Formation, limestone.  
 Timber, cedar and pinyon.

S.0°03'W., bet. secs. 22 and 23, over rolling land, through scattering cedar and pinyon timber.  
 32.50 Road bears N.65°E. and S.65°W.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$\frac{1}{4}$ S22		S23
1916		

from which  
 A pinyon, 6 ins. diam., bears N.79°40'E., 79 lks. dist., marked  $\frac{1}{4}$  S23 BT, and  
 A pinyon, 8 ins. diam., bears S.49°40'W., 67 lks. dist., marked  $\frac{1}{4}$  S22 BT.

47.70 Draw, course NW.  
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for cor. of secs. 22, 23, 26 and 27, with brass cap, marked

T24N		R2E
S22		S23
-----		
S27		S26
1916		

from which  
 A cedar, 8 ins. diam., bears N.74°E., 72 lks. dist., marked T24N R2E S23 BT,  
 A pinyon, 6 ins. diam., bears S.33°30'E., 56 lks. dist., marked T24N R2E S26 BT,  
 A pinyon, 8 ins. diam., bears N.45°20'W., 182 lks. dist., marked T24N R2E S22 BT, and  
 A pinyon, 8 ins. diam., bears S.8°30'W., 82 lks. dist., marked T24N R2E S27 BT.

Land, rolling. Soil, rocky; 3rd rate.  
 Timber, cedar and pinyon.  
 Grass, white gramma.

Subdivision of T. 24 N., R. 2 E.

Chains

West, on a random line, bet. secs. 22 and 27.  
 40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
 80.14 Intersect N. and S. line 3 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence N.  $89^{\circ}59'E.$ , on a true line, bet. secs. 22 and 27, over rolling land, through scattering pinyon and cedar timber.

17.54 Road from Williams to Grand Canyon bears N.  $4^{\circ}30'E.$  and S.  $19^{\circ}W.$   
 40.07 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S22
$\frac{1}{4}$
S27
1916

from which  
 A pinyon, 10 ins. diam., bears N.  $6^{\circ}30'E.$ , 55 lks. dist. marked  $\frac{1}{4}$  S22 BT, and  
 A pinyon, 6 ins. diam., bears S.  $33^{\circ}45'E.$ , 44 lks. dist. marked  $\frac{1}{4}$  S27 BT.

80.14 The cor. of secs. 22, 23, 26 and 27.

Land, rolling.  
 Soil, sandy; 2nd rate.  
 Timber, cedar and pinyon.  
 Grass, white gramma.

S.  $0^{\circ}03'W.$ , bet. secs. 26 and 27, over rolling land, through scattering cedar and pinyon timber.

20.00 Asc. on NW. slope, 190 ft.  
 36.70 Top of ridge bears E. and W. End of ridge bears W., 10 chs. dist. Desc. on S. and SW. slopes.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

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

from which  
 A pinyon, 6 ins. diam., bears N.  $40^{\circ}45'E.$ , 33 lks. dist. marked  $\frac{1}{4}$  S26 BT, and  
 A pinyon, 8 ins. diam., bears S.  $26^{\circ}W.$ , 71 lks. dist., marked  $\frac{1}{4}$  S27 BT. Thence through dense timber.

51.25 Draw, course W. Thence on gentle NW. slope.  
 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, with brass cap, marked

T24N	R2E
S27	S26
S34	S35
1916	

from which  
 A cedar, 10 ins. diam., bears N.  $37^{\circ}15'E.$ , 87 lks. dist. marked T24N R2E S26 BT,  
 A cedar, 6 ins. diam., bears N.  $43^{\circ}20'W.$ , 44 lks. dist., marked T24N R2E S27 BT,  
 A cedar, 6 ins. diam., bears S.  $53^{\circ}45'W.$ , 108 lks. dist. marked T24N R2E S34 BT, and  
 A cedar, 6 ins. diam., bears S.  $21^{\circ}15'E.$ , 60 lks. dist., marked T24N R2E S35 BT.

Land, rolling.  
 Soil, rocky; 3rd rate.  
 Timber, cedar and pinyon.  
 Grass, white gramma.

Chains

40.00 S.  $89^{\circ}59'W.$ , on a random line, bet. secs. 27 and 34.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.40 Intersect N. and S. line 5 lks. N. of cor. of secs.  
 27, 28, 33 and 34.

Thence N.  $89^{\circ}57'E.$ , on a true line, bet. secs. 27 and 34,  
 over rolling land, through dense timber. Asc. 90 ft.  
 13.00 Ridge bears N. and S.  
 23.00 Wash, 100 lks. wide, 2 ft. deep, course N.  
 40.20 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the  
 ground, surrounded by a mound of stone, (impracticable  
 to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
 brass cap, marked

$$\begin{array}{r} S27 \\ \frac{1}{4} \\ \hline S34 \\ 1916 \end{array}$$

from which

A cedar, 6 ins. diam., bears N.  $13^{\circ}40'E.$ , 41 lks. dist.,  
 marked  $\frac{1}{4}$  S27 BT, and  
 A pinyon, 6 ins. diam., bears S.  $2^{\circ}15'W.$ , 4 lks. dist.,  
 marked  $\frac{1}{4}$  S34 BT.  
 80.40 The cor. of secs. 26, 27, 34 and 35.

Land, rolling.

Soil, sandy, with stony surface; 3rd rate.

Timber, cedar and pinyon.

Grass, white gramma.

40.00 S.  $0^{\circ}03'W.$ , on a random line, bet. secs. 34 and 35.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 85.00 Intersect S. bdy. of Tp. 12 lks. E. of the cor. of secs.  
 2, 3, 34 and 35, reestablished as hereinbefore described.

Thence N.  $0^{\circ}08'E.$ , on a true line, bet. secs. 34 and 35,  
 over gently rolling land, through dense timber.  
 15.00 Draw, course N.  $70^{\circ}W.$   
 45.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

$$\begin{array}{r} \frac{1}{4}S34 \quad S35 \\ 1916 \end{array}$$

from which

A pinyon, 6 ins. diam., bears N.  $67^{\circ}E.$ , 42 lks. dist.,  
 marked  $\frac{1}{4}$  S35 BT, and  
 A pinyon, 8 ins. diam., bears N.  $86^{\circ}45'W.$ , 55 lks. dist.,  
 marked  $\frac{1}{4}$  S34 BT.  
 52.05 Draw; course NW.  
 85.00 The cor. of secs. 26, 27, 34 and 35.

Land, rolling.

Soil, black sandy loam, with rocky surface; 2nd rate.

Timber, cedar and pinyon.

Undergrowth, algerita.

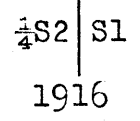
Grass, white gramma.

From the cor. of secs. 1 and 2, identical with the standard  
 cor. of secs. 35 and 36, on N. bdy. of Tp., (6th St. Par.  
 N.) hereinbefore described;

S.  $0^{\circ}03'W.$ , bet. secs. 1 and 2,  
 over rolling land, through cedar and pinyon timber,  
 ascending on gradual NE. slope.  
 9.10 Wire fence bears N.  $10^{\circ}W.$  and S.  $10^{\circ}E.$   
 13.50 Desc. on SE. slope.  
 18.30 Draw, course N.  $50^{\circ}E.$  Asc. on N. slope.

Chains

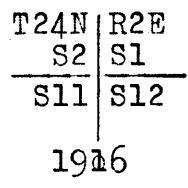
29.50 Desc. on SE. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked



from which  
 A pinyon, 5 ins. diam., bears S.7°E., 26 lks. dist., marked  $\frac{1}{4}$  S1 BT, and  
 A pinyon, 12 ins. diam., bears S.76°W., 78 lks. dist., marked  $\frac{1}{4}$  S2 BT.

42.10 Ravine, 2 chs. wide, 40 ft. deep, course N.30°E.  
 58.50 East edge of draw, which forms the ravine above noted, on lower portion of course.  
 61.70 Bottom of same, course N.30°W.  
 64.10 West side of same.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap, marked



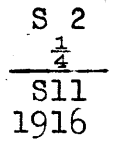
from which  
 A pinyon, 6 ins. diam., bears N.40°E., 110 lks. dist., marked T24N R2E S1 BT,  
 A cedar, 6 ins. diam., bears S.56°E., 9 lks. dist., marked T24N R2E S12 BT,  
 A cedar, 8 ins. diam., bears S.26°45'W., 89 lks. dist., marked T24N R2E S11 BT, and  
 A cedar, 10 ins. diam., bears N.4°W., 16 lks. dist., marked T24N R2E S2 BT.

Land, rolling.  
 Soil, sandy, gravelly and stony clay; 2nd rate.  
 Timber, cedar and pinyon.

-----  
 40.00 West, on a random line, bet. secs. 2 and 11.  
 79.94 Set temp.  $\frac{1}{4}$  sec. cor.  
 Intersect N. and S. line 4 lks. N. of the cor. of secs. 2, 3, 10 and 11.

Thence N.89°58'E., on a true line, bet. secs. 2 and 11, over rolling land, through dense cedar and pinyon timber, on SW. slope.

9.50 Draw, course S.30°W.  
 15.00 Thence over nearly level land, on gradual SW. slope.  
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked



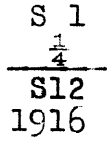
from which  
 A cedar, 16 ins. diam., bears N.80°E., 42 lks. dist., marked  $\frac{1}{4}$  S2 BT, and  
 A pinyon, 5 ins. diam., bears S.10°E., 15 lks. dist., marked  $\frac{1}{4}$  S11 BT.

79.94 The cor. of secs. 1, 2, 11 and 12.

Land, gently rolling.  
 Soil, sandy, gravelly and stony clay; 2nd rate.  
 Formation, malpais and limestone.  
 Timber, cedar and pinyon.

Chains

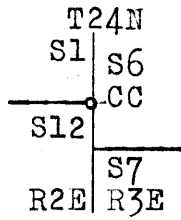
40.00 East, on a true line, bet. secs. 1 and 12,  
over gently rolling land, through dense cedar and pinyon.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



from which  
A cedar, 10 ins. diam., bears N.58°E., 35 lks. dist.,  
marked  $\frac{1}{4}$  S1 BT, and  
A cedar, 24 ins. diam., bears S.71°W., 16 lks. dist.,  
marked  $\frac{1}{4}$  S12 BT.

77.78 Intersect E. bdy. of Tp. 32<sup>8</sup> lks. N.0°14'E. of the cor.  
of secs. 6 and 7, reestablished as hereinbefore described.

At point of intersection  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for closing cor. of secs. 1 and 12, with brass  
cap, marked

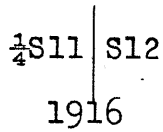


1916

from which  
A pinyon, 6 ins. diam., bears S.20°30'W., 70 lks. dist.,  
marked T24N R2E S12 BT, and  
A cedar, 14 ins. diam., bears N.75°45'W., 22 lks. dist.,  
marked T24N R2E S1 BT.

Land, gently rolling.  
Soil, sandy and gravelly clay; 2nd rate.  
Timber, cedar and pinyon.

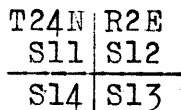
40.00 S.0°03'W., bet. secs. 11 and 12,  
over nearly level land, through dense cedar and pinyon  
timber.  
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
brass cap, marked



from which  
A cedar, 6 ins. diam., bears S.1°E., 49 lks. dist.,  
marked  $\frac{1}{4}$  S12 BT, and  
A pinyon, 6 ins. diam., bears S.84°15'W., 38 lks. dist.,  
marked  $\frac{1}{4}$  S11 BT.

70.00 Thence on S. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
ground, for cor. of secs. 11, 12, 13 and 14, with brass  
cap, marked



1916

from which  
A cedar, 8 ins. diam., bears N.55°30'E., 44 lks. dist.,  
marked T24N R2E S12 BT,  
A cedar, 10 ins. diam., bears S.12°E., 7 lks. dist.,  
marked T24N R2E S13 BT,



Chains

A pinyon, 14 ins. diam., bears S.58°30'W., 102 lks. dist., marked T24N R2E S14 BT, and  
A cedar, 14 ins. diam., bears N.40°W., 33 lks. dist., marked T24N R2E S11 BT.

Land, nearly level.  
Soil, sandy, gravelly and stony clay; 3rd rate.  
Formation, limestone.  
Timber, cedar and pinyon.

40.00 West, on a random line, bet. secs. 11 and 14.  
79.80 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line 2 lks. S. of the cor. of secs. 10, 11, 14 and 15.

9.20 Thence S.89°59'E., on a true line, bet. secs. 11 and 14,  
11.05 over rolling land, through dense cedar and pinyon timber.  
19.80 Asc. on SW. slope, 80 ft.  
39.90 Desc. into ravine.  
Bottom of ravine, 50 ft. deep, course S.40°W. Asc. 170 ft.  
Summit of ascent.  
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S11  
 $\frac{1}{4}$   
S14  
1916

from which  
50.90 A cedar, 16 ins. diam., bears N.80°W., 36 lks. dist.,  
54.50 marked  $\frac{1}{4}$  S11 BT, and  
79.80 A cedar, 6 ins. diam., bears S.11°30'W., 28 lks. dist.,  
marked  $\frac{1}{4}$  S14 BT.  
Bottom of ravine, 100 ft. deep, course S.40°W.  
East edge of same.  
The cor. of secs. 11, 12, 13 and 14.

Land, rolling.  
Soil, sandy, gravelly and stony clay; 3rd rate.  
Formation, malpais.  
Timber, cedar and pinyon.

7.80 East, on a true line, bet. secs. 12 and 13,  
40.00 over rolling land, through dense cedar and pinyon timber.  
Draw, 2 chs. wide, 30 ft. deep, course S.10°W.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

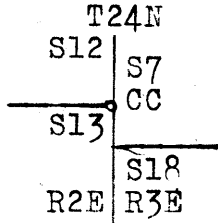
S12  
 $\frac{1}{4}$   
S13  
1916

from which  
50.90 A pinyon, 8 ins. diam., bears S.24°E., 20 lks. dist.,  
54.30 marked  $\frac{1}{4}$  S13 BT, and  
55.70 A cedar, 14 ins. diam., bears N.20°30'E., 59 lks. dist.,  
69.10 marked  $\frac{1}{4}$  S12 BT.  
76.79 Desc. on SE. slope.  
West side of ravine.  
Ravine, 480 lks. wide, 80 ft. deep, course S.  
East side of ravine. Asc. on SW. slope.  
Desc. on SE. slope.  
Intersect E. bdy. of Tp. 334 lks. N.0°46'E. of the cor. of secs. 7 and 18, reestablished as hereinbefore described.

At point of intersection

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 12 and 13, with brass cap, marked



1916

from which

A cedar, 8 ins. diam., bears N.36°W., 76 lks. dist., marked T24N R2E S12 BT, and

A cedar, 8 ins. diam., bears S.30°30'W., 56 lks. dist., marked T24N R2E S13 BT.

Land, rolling.

Soil, rocky clay; 3rd rate. Malpais formation.

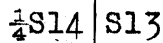
Timber, cedar and pinyon.

S.0°03'W., bet. secs. 13 and 14, over rolling hilly land, through dense pinyon and cedar timber, descending on S. slope.

10.00 Desc. on SE. slope, along W. side of draw.

34.00 Thence on S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, (impracticable to set post in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked



1916

from which

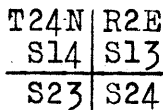
A pinyon, 14 ins. diam., bears S.4°45'E., 119 lks. dist., marked  $\frac{1}{2}$  S13 BT, and

A pinyon, 12 ins. diam., bears N.13°W., 95 lks. dist., marked  $\frac{1}{4}$  S14 BT.

47.00 Wash, 2 chs. wide, 15 ft. deep, course N.80°W.

An earth dam across this wash bears W., 100 lks. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for cor. of secs. 13, 14, 23 and 24, with brass cap, marked



1916

from which

A cedar, 8 ins. diam., bears N.22°35'E., 79 lks. dist., marked T24N R2E S13 BT,

A pinyon, 5 ins. diam., bears S.3°E., 35 lks. dist., marked T24N R2E S24 BT,

A cedar, 10 ins. diam., bears S.27°30'W., 138 lks. dist., marked T24N R2E S23 BT, and

A pinyon, 14 ins. diam., bears N.63°W., 54 lks. dist., marked T24N R2E S14 BT.

Land, hilly for 45 chs. and gently rolling for balance of mile.

Soil, sandy and stony clay; 3rd rate.

Formation, malpais and sandstone.

Timber, cedar and pinyon.

Subdivision of T. 24 N., R. 2 E.

Chains

40.00 West, on a random line, bet. secs. 14 and 23.  
 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.92 Intersect N. and S. line 13 lks. N. of the cor. of secs.  
 14, 15, 22 and 23.

Thence N.  $89^{\circ}54'E.$ , on a true line, bet. secs. 14 and 23,  
 over gently rolling land, through cedar and pinyon timber.  
 19.92 Draw, course N.  $20^{\circ}W.$  Thence on SW. slope.  
 22.50 Road bears N.  $20^{\circ}E.$  and S.  $20^{\circ}W.$   
 39.96 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S14  
 $\frac{1}{4}$   
 -----  
 S23  
 1916

from which

A cedar, 8 ins. diam., bears S.  $40^{\circ}E.$ , 88 lks. dist.,  
 marked  $\frac{1}{4}$  S23 BT, and  
 A cedar, 14 ins. diam., bears N.  $40^{\circ}W.$ , 69 lks. dist.,  
 marked  $\frac{1}{4}$  S14 BT.

47.40 Road bears N.  $40^{\circ}W.$  and S.  $60^{\circ}E.$   
 59.90 Thence on E. slope.  
 79.92 The cor. of secs. 13, 14, 23 and 24.

Land, gently rolling.  
 Soil, sandy, gravelly and stony clay; 2nd rate.  
 Timber, cedar and pinyon.

East, on a true line, bet. secs. 13 and 24,  
 over gently rolling land, on E. slope.  
 4.00 Draw, course N. Asc. on W. slope.  
 8.10 Road bears N.  $50^{\circ}E.$  and S.  $60^{\circ}W.$   
 25.00 Enter pinyon and cedar timber, bearing N. and S.  
 30.00 Thence over N. slope.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S13  
 $\frac{1}{4}$   
 -----  
 S24  
 1916

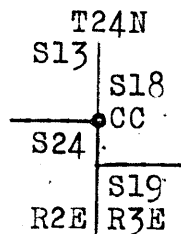
from which

A pinyon, 12 ins. diam., bears S.  $34^{\circ}W.$ , 59 lks. dist.,  
 marked  $\frac{1}{4}$  S24 BT, and  
 A cedar, 14 ins. diam., bears N.  $89^{\circ}W.$ , 205 lks. dist.,  
 marked  $\frac{1}{4}$  S13 BT.

45.00 Draw, course N.  $70^{\circ}W.$  Asc. on SW. slope.  
 79.08 Intersect E. bdy. of Tp. 496 lks. N.  $1^{\circ}20'W.$  of the cor.  
 of secs. 18 and 19, reestablished as hereinbefore des-  
 cribed.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in  
 the ground, for closing cor. of secs. 13 and 24, with  
 brass cap, marked



1916

from which

A cedar, 16 ins. diam., bears S.  $36^{\circ}W.$ , 87 lks. dist.,  
 marked T24N R2E S24 BT, and  
 A cedar, 6 ins. diam., bears N.  $78^{\circ}15'W.$ , 30 lks. dist.,  
 marked T24N R2E S13 BT.

Chains

Land, gently rolling.  
Soil, sandy and gravelly clay; 2nd rate.  
Timber, cedar and pinyon.

5.00 S.0°03'W., bet. secs. 23 and 24,  
over gently rolling land, through cedar and pinyon timber.  
40.00 Road bears N.60°E. and S.65°W.  
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with  
brass cap, marked

$$\begin{array}{c} \frac{1}{4} \text{ S23} \mid \text{S24} \\ \hline 1916 \end{array}$$

from which

A pinyon, 14 ins. diam., bears S.43°E., 45 lks. dist.,  
marked  $\frac{1}{4}$  S24 BT, and  
A pinyon, 12 ins. diam., bears S.24°15'W., 102 lks. dist.,  
marked  $\frac{1}{4}$  S23 BT.

60.00 Thence on W. slope.

70.50 Wash, 15 lks. wide, 1 ft. deep, course N.60°W. Thence on  
N. slope.80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the  
ground, surrounded by a mound of stone, (impracticable  
to set post deeper in the ground) for cor. of secs.  
23, 24, 25 and 26, with brass cap, marked
$$\begin{array}{c} \text{T24N} \mid \text{R2E} \\ \text{S23} \mid \text{S24} \\ \hline \text{S26} \mid \text{S25} \\ \hline 1916 \end{array}$$

from which

A pinyon, 12 ins. diam., bears N.4°45'E., 20 lks. dist.,  
marked T24N R2E S24 BT,  
A pinyon, 16 ins. diam., bears S.64°15'E., 37 lks. dist.,  
marked T24N R2E S25 BT,  
A pinyon, 8 ins. diam., bears S.2°45'W., 36 lks. dist.,  
marked T24N R2E S26 BT, and  
A cedar, 18 ins. diam., bears N.74°30'W., 59 lks. dist.,  
marked T24N R2E S23 BT.

Land, gently rolling.

Soil, sandy and rocky clay; 3rd rate. Malpais and sandstone.  
Timber, pinyon and cedar.

40.00 West, on a random line, bet. secs. 23 and 26.  
79.88 Set temp.  $\frac{1}{4}$  sec. cor.  
Intersect N. and S. line 12 lks. N. of the cor. of secs.  
22, 23, 26 and 27.

30.00 Thence N.89°55'E., on a true line, bet. secs. 23 and 26,  
over rolling land, through cedar and pinyon timber, on  
N. slope.

39.94 Thence on NE. slope.  
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked
$$\begin{array}{c} \text{S23} \\ \frac{1}{4} \\ \hline \text{S26} \\ \hline 1916 \end{array}$$

from which

A cedar, 14 ins. diam., bears S.36°E., 6 lks. dist.,  
marked  $\frac{1}{4}$  S26 BT, and  
A pinyon, 10 ins. diam., bears N.84°W., 82 lks. dist.,  
marked  $\frac{1}{4}$  S23 BT.

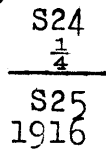
Subdivision of T. 24 N., R. 2 E.

Chains

47.20 Draw, course N. Thence on NW. slope.  
 60.00 End of NW. slope.  
 73.40 Spur extends N.10°W.  
 79.88 The cor. of secs. 23, 24, 25 and 26.

Land, rolling.  
 Soil, sandy and gravelly clay; 2nd rate.  
 Timber, cedar and pinyon.

26.20 East, on a true line, bet. secs. 24 and 25,  
 over rolling land, through cedar and pinyon timber.  
 Draw, course N.80°W. Thence on SW. slope.  
 35.00 Thence through dense cedar and pinyon timber.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked

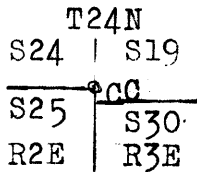


from which

A cedar, 10 ins. diam., bears S.84°E., 24 lks. dist.,  
 marked  $\frac{1}{4}$  S25 BT, and  
 A pinyon, 16 ins. diam., bears N.11°15'W., 54 lks. dist.,  
 marked  $\frac{1}{4}$  S24 BT.

77.35 Intersect E. bdy. of Tp. 492 lks. N.2°06'W. of the rees-  
 tablished cor. of secs. 19 and 30, hereinbefore des-  
 cribed.

At point of intersection  
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the  
 ground, for closing cor. of secs. 24 and 25, with brass  
 cap, marked



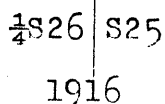
1916

from which

A cedar, 3 ins. diam., bears S.0°15'W., 90 lks. dist.,  
 marked T24N R2E S25 BT, and  
 A pinyon, 6 ins. diam., bears N.66°30'W., 101 lks. dist.,  
 marked T24N R2E S24 BT.

Land, rolling.  
 Soil, sandy and gravelly clay; 2nd rate.  
 Timber, cedar and pinyon.

36.40 S.0°03'W., bet. secs. 25 and 26,  
 over hilly land, through dense cedar and pinyon, on N.  
 slope.  
 Top of hill, 400 ft. above sec. cor., bears N.70°W. and  
 S.40°E. Desc. on SW. and W. slopes.  
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the  
 ground, for  $\frac{1}{4}$  sec. cor., with brass cap, marked



from which

A cedar, 16 ins. diam., bears N.71°E., 27 lks. dist.,  
 marked  $\frac{1}{4}$  S25 BT, and  
 A cedar, 10 ins. diam., bears S.81°W., 49 lks. dist.,  
 marked  $\frac{1}{4}$  S26 BT.

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Subdivision of T. 24 N., R. 2 E.

Cha ins

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked

T24N	R2E
S26	S25
S35	S36

1916

from which

A cedar, 4 ins. diam., bears N.3°30'E., 51 lks. dist., marked T24N R2E S25 BT,

A cedar, 6 ins. diam., bears S.83°30'E., 14 lks. dist., marked T24N R2E S36 BT,

A cedar, 10 ins. diam., bears S.39°30'W., 36 lks. dist., marked T24N R2E S35 BT, and

A cedar, 5 ins. diam., bears N.8°30'W., 55 lks. dist., marked T24N R2E S26 BT. Impracticable to set post in ground. Raise a mound of stone around cor.

Land, hilly.

Soil, rocky, 3rd rate. Formation, volcanic.

Timber, pinyon and cedar.

40.00 West, on a random line, bet. secs. 26 and 35.

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

Intersect N. and S. line 6 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence S.89°57'E., on a true line, bet. secs. 26 and 35, over rolling land, through dense cedar and pinyon timber.

25.00 Draw, course NW.

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

S26

 $\frac{1}{4}$ 

S35

1916

from which

A pinyon, 6 ins. diam., bears N.12°E., 75 lks. dist., marked  $\frac{1}{4}$  S26 BT, and

A cedar, 6 ins. diam., bears S.70°30'W., 9 lks. dist., marked  $\frac{1}{4}$  S35 BT.

65.00 Top of rise bears N. and S.

80.02 The cor. of secs. 25, 26, 35 and 36.

Land, rolling.

Soil, shallow and sandy; rocky surface, 3rd rate.

Timber, cedar and pinyon.

Grass, white gramma.

East, on a true line, bet. secs. 25 and 36, over rolling land, through dense cedar and pinyon timber, on W. slope.

7.00 Top of ridge bears N. and S.60°E. Desc. on N. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded by a mound of stone, (impracticable to set post deeper in the ground) for  $\frac{1}{4}$  sec. cor., with brass cap, marked

S25

 $\frac{1}{4}$ 

S36

1916

from which

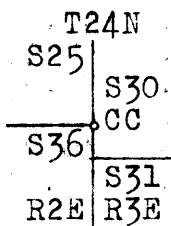
A cedar, 8 ins. diam., bears N.43°E., 21 lks. dist., marked  $\frac{1}{4}$  S25 BT, and

A cedar, 6 ins. diam., bears S.56°W., 94 lks. dist., marked  $\frac{1}{4}$  S36 BT.

Chains

78.68 Intersect E. bdy. of Tp. 593 lks. N.1°19'W. of the reestablished cor. of secs. 30 and 31, hereinbefore described.

At point of intersection.  
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 25 and 36, with brass cap, marked



1916

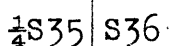
from which  
A pinyon, 10 ins. diam., bears S.64°W., 20 lks. dist., marked T24N R2E S36 BT, and  
A pinyon, 8 ins. diam., bears N.55°W., 15 lks. dist., marked T24N R2E S25 BT.

Land, rolling.  
Soil, sandy and rocky clay; 3rd rate. Malpais formation.  
Timber, cedar and pinyon.

40.00 S.0°03'W., on a random line, bet. secs. 35 and 36.  
83.52 Set temp. 1/4 sec. cor.  
Intersect S. bdy. of Tp. 14 lks. W. of the reestablished cor. of secs. 1, 2, 35 and 36, hereinbefore described.

Thence N.0°03'W., on a true line, bet. secs. 35 and 36, over gently rolling land, through dense cedar and pinyon timber.

30.80 Wash, 10 lks. wide, course S.80°W.  
43.52 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked



1916

from which  
A pinyon, 14 ins. diam., bears S.65°E., 67 lks. dist., marked 1/4 S36 BT, and  
A cedar, 18 ins. diam., bears S.47°W., 44 lks. dist., marked 1/4 S35 BT.

83.52 The cor. of secs. 25, 26, 35 and 36.

Land, gently rolling.  
Soil, sandy and stony clay; 3rd rate.  
Formation, malpais and sandstone.  
Timber, cedar, pinyon and juniper.

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## Boundaries of T. 24 N., R. 2 E.

Latitudes, Departures and Closing Errors.							
Line designated	True Course	Dist. chs.	Latitudes		Departures		
			N. chs.	S. chs.	E. chs.	W. chs.	
South Boundary	N.87°58'W.	39.71	1.41			39.69	
	N.88°56'W.	40.99	.75			40.08	
	S.87°59'W.	40.20		1.41		40.18	
	S.89°23'W.	39.90		.43		39.90	
	S.88°42'W.	40.18		.91		40.17	
	N.89°28'W.	40.26	.37			40.26	
	S.89°26'W.	39.64		.39		39.64	
	S.89°51'W.	40.08		.10		40.08	
	N.89°15'W.	40.00	.52			40.00	
	S.88°22'W.	39.83		1.13		39.81	
	N.89°51'W.	40.28	.10			40.28	
	S.89°21'W.	38.43		.44		38.43	
	N.85°19'W.	1.67	.14			1.66	
West Boundary	North	486.70	486.70				
North Boundary 6th St. Par. N.	East	480.37			480.37		
East Boundary	S.3°24'W.	43.28		43.20		2.56	
	S.0°14'W.	40.13		40.13		.16	
	S.0°53'W.	39.89		39.89		.62	
	S.0°46'W.	40.37		40.37		.54	
	S.2°E.	41.54		41.51	1.45		
	S.1°20'E.	40.20		40.19	.94		
	S.4°44'W.	39.78		39.64		3.28	
	S.2°06'E.	40.61		40.58	1.49		
	S.0°20'E.	40.72		40.72	.24		
	S.1°19'E.	40.40		40.39	.93		
	S.0°16'E.	39.94		39.94	.19		
S.1°09'E.	39.91		39.90	.80			
Convergency					.52		
Totals			489.99	491.27 489.99	486.93	487.34 486.93	
Error in latitude				1.28			
			Error in departure			.41	

General Description.

This township is rolling. With the exception of that in the draws, the soil is sandy clay; shallow. The ridges are stony, mostly of limestone formation. The formation on the low hills in the NE. and SE. parts is malpais, with soil of volcanic cinders.

Cedar and pinyon timber cover the entire area, being particularly dense in the E. portion. Juniper is found in the SE. There is a good growth of white gramma grass. The township contains no settlers. Some improvements, known as Miller's Ranch, have been made in the SE.  $\frac{1}{4}$  of sec. 5 and the SW.  $\frac{1}{4}$  of sec. 4.

The Grand Canyon Railway runs through the township from N. to S.



Diagram showing the respective resurveys and surveys executed by William H. Thorn, U.S. Surveyor, and Richard R. Mitchell, U.S. Transitman, under instructions for Group No. 52, Arizona,

Book "G"

BOOK 3201

TOWNSHIP 24 NORTH, RANGE 2 EAST.

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

Red lines indicate surveys by William H. Thorn, U.S.S., on the various dates shown.

Blue lines indicate surveys by Richard R. Mitchell, U.S.T., on the various dates shown.

Accepted Surveys

CERTIFICATES OF UNITED STATES SURVEYOR & UNITED STATES  
TRANSITMAN.

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BOOK 3201

We, William H. Thorn, and Richard R. Mitchell, U.S. Surveyor and U.S. Transitman, respectively, hereby certify on honor that, in pursuance of special instructions received from the U.S. Surveyor General of Arizona, for Group No. 52, Arizona, bearing date of the 11th day of December, 1915, we have well, faithfully and truly, in our own proper persons, and in strict conformity with said instructions, ~~the Manual of Surveying Instructions, and the laws of the United States, resurveyed all those parts or portions of the~~ North boundary of TOWNSHIP 23 NORTH, RANGE 2 EAST, West boundary of TOWNSHIP 24 NORTH, RANGE 3 EAST, 6th. Standard Parallel North, through RANGE 2 EAST, and SURVEYED all those parts or portions of the Subdivision lines of TOWNSHIP 24 NORTH, RANGE 2 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes, and by the diagram on the reverse hereof, as having been executed by us, and under our direction; and we do further certify on honor that all the corners of said resurvey and survey have been reestablished, established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Arizona for Group No. 52, and in the specific manner described in our respective field notes, and that the foregoing are the original field notes of such resurveys and surveys.

*William H. Thorn*  
U. S. Surveyor.

*Richard R. Mitchell*  
U. S. Transitman.

A P P R O V A L .

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona,

June 20 1918.

The foregoing field notes of the Resurvey of the North boundary of TOWNSHIP 23 NORTH, RANGE 2 EAST, West bdy. of TOWNSHIP 24 NORTH, RANGE 3 EAST, and 6th. Standard Parallel North, through RANGE 2 EAST, and Survey of the Subdivision lines of TOWNSHIP 24 NORTH, RANGE 2 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by William H. Thorn, U.S. Surveyor, and Richard R. Mitchell, U.S. Transitman, under special instructions dated December 11, 1915, for Group 52, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and surveys they describe, are hereby approved.

*Frank R. Smith*  
U. S. Surveyor General of Arizona.

~~I certify that the foregoing transcript of the field notes of the above described resurveys and surveys in Book "G" of Group 52 has been correctly copied from the original notes on file in this office.~~

U. S. Surveyor General of Arizona.