

Original

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

Book G

FIELD NOTES

BOOK 4339

Of the Dependent Resurvey of the

East Boundary, North Boundary, West Boundary

and Subdivisional Lines

of

Township 22 North, Range 4 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

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Public Land Surveyors, General Land Office

Under special instructions dated August 13, 1940, which provided for the surveys included under Group No. 232, bearing the approval of the Commissioner of the General Land Office under date of September 3, 1940 and assignment instructions dated September 1, 1940

Survey commenced September 27, 1940

Survey completed October 18, 1940

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Book No 4339

BOOK 4630

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## Township 22 North, Range 4 East.

The resurveys herein described were executed with Buff solar transits Nos. 16723 and 10125, and Gurley solar transit No. 371535, constructed in accordance with the standard specifications of the General Land Office.

The directions of all lines were determined by the solar transit method. The measurements were made with Dietzgen steel tapes, 5 chains in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. The tapes were tested by comparison with a Lufkin standard and found correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

The data furnished with the special instructions give the geographic position for the SE. corner of T. 22 N., R. 4 E. as follows: latitude  $35^{\circ} 14' 15''$  N., and longitude  $111^{\circ} 54' 50''$  W.

The establishment of a meridian by Polaris observation, in camp, about 10 chains south of the  $\frac{1}{4}$  sec. corner of sections 32 and 33, T. 21 N., R. 4 E., is given in the field notes of T. 21 N., R. 4 E., resurveyed under this group.

September 22, 1940, every 30 minutes from 8 to 10:30 a.m. and from 1:30 to 5 p.m., we make the proper settings on the arcs of the solar attachments and ascertain that the resulting orientation of each instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than  $1' 30''$ .

We repeat the tests of the arcs daily by noon observations, and verify the meridional indications at frequent intervals throughout the resurvey.

The observed magnetic declination is  $15^{\circ} 30'$  east.

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Preliminary to the resurvey, the lines of the governing survey are retraced and diligent search is made for all original corners. Identified corners of the original survey are restored in their original positions. All lost corners are reestablished at proportional positions based on the record of the original survey. The retrace-ment data are thoroughly verified and only the true line notes are given herein.

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## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

## Chains

Reestablishment (for alinement control only) of the survey executed by F. B. Jacobs, Deputy Surveyor, in 1891, and reestablishment of the closing corners as set by F. B. Jacobs in 1891 for R. 5 E., and set by F. W. Oury, Deputy Surveyor, in 1894 for R. 4 E. New  $\frac{1}{4}$  section corners are also established.

Note: The resurvey of the south 8.50 chains of the E. bdy. of T. 22 N., R. 4 E. is given in the field notes of the E. bdy. of T. 21 N., R. 4 E., resurveyed under this group.

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From the cor. of Tps. 21 and 22 N., R. 5 E., described in the field notes of the E. bdy. of T. 21 N., R. 4 E., resurveyed under this group.

N.  $0^{\circ} 11'$  W., bet. secs. 31 and 36.

Over rolling land, through scattering timber.

8.00 Road, bears NW. and SE.

22.00 Low spur, slopes W.

31.60 The midpoint on the E. bdy. of sec. 36.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 36 of R. 4 E. only, with brass cap mkd.

$\frac{1}{4}$  |  
S 36 |  
1940

from which

A pine, 14 ins. diam., bears S.  $33\frac{3}{4}^{\circ}$  W., 205 lks. dist., mkd.  $\frac{1}{4}$  S 36 B T.

A pine, 20 ins. diam., bears N.  $42\frac{1}{2}^{\circ}$  W., 160 lks. dist., mkd.  $\frac{1}{4}$  S 36 B T.

40.00 The original  $\frac{1}{4}$  sec. cor. of secs. 31 and 36 (now an angle point) as evidenced by a wooden post, mkd.  $\frac{1}{4}$  S and set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the old post alongside, for angle point, with brass cap mkd.

AP  
T22N  
R4E | R5E  
S 36 | S 31  
1940

from which

Original bearing trees:

A pine stump, 40 ins. diam., bears S.  $21\frac{1}{4}^{\circ}$  E., 179 lks. dist., no marks visible.

A pine, 24 ins. diam., bears N.  $11^{\circ}$  W., 178 lks. dist., mkd.  $\frac{1}{4}$  S B T. I change the marks to read: A P S 36 B T.

## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

## Chains

New bearing tree:

A pine, 24 ins. diam., bears S.  $48\frac{1}{4}^{\circ}$  E., 467 lks. dist., mkd. A P S 31 B T.

N.  $1^{\circ} 00'$  E., bet. secs. 31 and 36.

5.84 Proportional distance on the W. bdy. of sec. 31.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 31 of R. 5 E. only, with brass cap mkd.

$$\begin{array}{c} | \\ \frac{1}{4} \\ | \\ \text{S } 31 \\ | \\ 1940 \end{array}$$

from which

A pine, 14 ins. diam., bears N.  $69\frac{1}{2}^{\circ}$  E., 183 lks. dist., mkd.  $\frac{1}{4}$  S 31 B T.

A pine, 20 ins. diam., bears N.  $89\frac{1}{2}^{\circ}$  E., 130 lks. dist., mkd.  $\frac{1}{4}$  S 31 B T.

31.70 Intersect line bet. secs. 25 and 36.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground, over a cross (+) mkd. on bedrock, and in a mound of stone to top, for closing cor. of secs. 25 and 36, with brass cap mkd.

$$\begin{array}{c|c} \text{T22N} & \text{T22N} \\ \text{S } 25 & \text{S } 31 \\ \text{S } 36 & \\ \text{R4E.} & \text{R5E} \end{array}$$

1940

from which

A pine, 20 ins. diam., bears S.  $29\frac{1}{4}^{\circ}$  W., 151 lks. dist., mkd. T 22 N R 4 E S 36 C C B T.

A pine, 24 ins. diam., bears N.  $38\frac{3}{4}^{\circ}$  W., 212 lks. dist., mkd. T 22 N R 4 E S 25 C C B T.

From this point the old closing cor. of secs. 25 and 36 bears N.  $85^{\circ} 58'$  E., 3.69 chs. dist.; evidenced by a malpais stone, mkd. CC and 1 notch on S. and 5 notches on N. faces, in a mound of stone.

As this point no longer serves as a closing corner, I mark the stone W P, for witness point, from which

A pine, 18 ins. diam., bears S.  $66\frac{1}{2}^{\circ}$  E., 44 lks. dist., mkd. T 22 N R 4 E C C S 36. I mark this tree W P.

A pine, 18 ins. diam., bears S.  $66\frac{1}{2}^{\circ}$  W., 49 lks. dist., marks illegible. I mark this tree W P.

Continue line bet. secs. 25 and 31.

39.50 Dim road, bears E. and W., in drain course W.

40.07 The original cor. of secs. 25, 30, 31, and 36 (now an angle point), as evidenced by a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for angle point, with brass cap mkd.

## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

Chains

AP	
T22N	
R4E	R5E
S 25	S 31
1940	

from which

## Original bearing trees:

A pine stump, 25 ins. diam., bears S. 41° E., 95 lks. dist., no marks visible.

A pine stump, 24 ins. diam., bears S. 81½° W., 205 lks. dist., no marks visible.

A pine, 26 ins. diam., bears N. 5½° W., 68 lks. dist., marks overgrown. I mark this tree AP S 25 BT.

## New bearing tree:

A pine, 10 ins. diam., bears S. 31½° E., 146 lks. dist., mkd. A P S 31 B T.

Land, rolling.

Soil, rocky, 3d and 4th rate.

Timber, yellow pine; undergrowth, none.

-----  
N. 0° 03' E., bet. secs. 25 and 31.

Over rolling land, through scattering timber.

4.60 A. T. &amp; S. F. R. R., double track, bears generally E. and W.

5.77 The closing cor. of secs. 30 and 31, as evidenced by a mound of earth and stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 30 and 31, with brass cap mkd.

T22N	T22N	
S 25	S 30	
R4E	S 31	CC
	R5E	
1940		

from which

## Original bearing trees:

A pine, 20 ins. diam., bears N. 71½° E., 49 lks. dist., marks overgrown.

A pine stump, partly decayed, bears S. 36° E., 170 lks. dist., no marks visible.

## New bearing tree:

A pine, 14 ins. diam., bears S. 67½° E., 117 lks. dist., mkd. T 22 N R 5 E S 31 C C B T.

Cor. is under right-of-way fence, 4 strands of barbed wire, parallel to railroad.

## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

## Chains

Continue line bet. secs. 25 and 30.

30.86 The midpoint on the E. bdy. of sec. 25.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 25 of R. 4 E. only, with brass cap mkd.

$\frac{1}{4}$  |  
 S 25 |  
 1940

from which

A pine, 8 ins. diam., bears S.  $39\frac{1}{2}^{\circ}$  W., 194 lks. dist., mkd.  $\frac{1}{4}$  S 25 B T.

A pine, 24 ins. diam., bears N.  $62\frac{1}{4}^{\circ}$  W., 110 lks. dist., mkd.  $\frac{1}{4}$  S 25 B T.

40.00 The original  $\frac{1}{4}$  sec. cor. of secs. 25 and 30 (now an angle point), as evidenced by an oak post, marks illegible, in a mound of stone. Find no evidence of old bearing trees.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the old post alongside, for angle point, with brass cap mkd.

AP  
 T22N  
 R4E | R5E  
 S 25 | S 30  
 1940

from which

A pine, 8 ins. diam., bears S.  $82\frac{1}{4}^{\circ}$  E., 56 lks. dist., mkd. A P S 30 B T.

A pine, 10 ins. diam., bears N.  $72\frac{1}{2}^{\circ}$  W., 157 lks. dist., mkd. A P S 25 B T.

Cor. stands on spur sloping NW.

From this point a spring bears S.  $61^{\circ} 23'$  W., 33.31 chs. dist.

N.  $1^{\circ} 09'$  E., bet. secs. 25 and 30.

5.84 The midpoint on W. bdy. of sec. 30.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 30 of R. 5 E. only, with brass cap mkd.

$\frac{1}{4}$  |  
 S 30 |  
 1940

from which

A pine, 20 ins. diam., bears N.  $18^{\circ}$  E., 68 lks. dist., mkd.  $\frac{1}{4}$  S 30 B T.

A pine, 6 ins. diam., bears S.  $83\frac{3}{4}^{\circ}$  E., 102 lks. dist., mkd.  $\frac{1}{4}$  S 30 B T.

10.00 Drain, course N.  $40^{\circ}$  W.; asc. 30 ft. over SW. slope.

Resurvey of E. Bdy. of T. 22 N., R. 4 E.

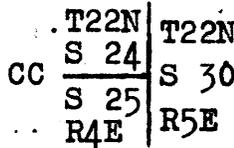
Chains

20.00 Spur, slopes W.; desc. 20 ft. over N. slope.

30.10 The closing cor. of secs. 24 and 25, as evidenced by an oak post, 4 ins. square, .4 ft. long, mkd. R 4 E S 25 on W. and T 22 N S 24 on N. faces, in a mound of stone, 3 ft. base, 1 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the old post alongside, for closing cor. of secs. 24 and 25, with brass cap mkd.



1940

from which

Original bearing trees:

A pine, 24 ins. diam., bears S. 47½° E., 45 lks. dist., marks overgrown.

A pine, 36 ins. diam., bears S. 53½° W., 73 lks. dist., marks overgrown. I remark this tree:  
T 22 N R 4 E S 25 C C B T.

A pine, 30 ins. diam., bears N. 66° W., 45 lks. dist., mkd. T 22 N R 4 E S 24 B T.

Continue line bet. secs. 24 and 30.

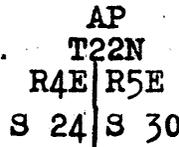
34.70 Highway right-of-way fence, bears generally NE. and SW.

38.50 U. S. Highway No. 66, bears generally NE. and SW.

40.34 The original cor. of secs. 19, 24, 25, and 30 (now an angle point), as evidenced by pieces of decayed wooden post in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for angle point, with brass cap mkd.



1940

from which

Original bearing trees:

A pine stump, 24 ins. diam., bears N. 74° E., 154 lks. dist., no marks visible.

A pine stump, 24 ins. diam., bears S. 31½° W., 170 lks. dist., no marks visible.

The original position of a fallen pine, 30 ins. diam., bears N. 38½° W., 115 lks. dist. Tree is mkd. T 22 N R 4 E S 24 B T. I destroy the marks on this tree.

Find no evidence of original SE. bearing tree.

## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

## Chains

## New bearing trees:

A pine, 30 ins. diam., bears N. 19° E., 165 lks. dist., mkd. AP S 30 BT.

A pine, 20 ins. diam., bears N. 87° W., 110 lks. dist., mkd. A P S 24 B T.

Land, rolling.

Soil, gravelly and rocky, 3d and 4th rate.

Timber, yellow pine; undergrowth, none.

-----  
N. 1° 00' E., bet. secs. 24 and 30.

Over rolling land, through scattering timber.

5.58 The closing cor. of secs. 19 and 30, as evidenced by a mound of earth and stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, over a cross (+) mkd. on bedrock, and in a mound of stone to top, for closing cor. of secs. 19 and 30, with brass cap mkd.

T22N	T22N	CC
S 24	S 19	
R4E	S 30 R5E	

1940

from which

## Original bearing trees:

A pine, dying, 24 ins. diam., bears N. 60½° E., 249 lks. dist., mkd. C C T 22 N R 5 E S 19 B T.

A pine, dying, 42 ins. diam., bears S. 22° E., 107 lks. dist., mkd. C C T 22 N R 5 E S 30 B T.

## New bearing trees:

A pine, 24 ins. diam., bears N. 29¼° E., 254 lks. dist., mkd. T 22 N R 5 E S 19 C C B T.

A pine, 18 ins. diam., bears S. 60° E., 236 lks. dist., mkd. T 22 N R 5 E S 30 C C B T.

A spring bears N. 47° E., 5.19 chs. dist.

A spring bears S. 86½° E., 2.66 chs. dist.

An earth tank bears W., 8.00 chs. dist.

A spring bears N. 18¼° W., 9.65 chs. dist.

Continue line bet. secs. 19 and 24.

9.38 Fence cor., from which fences extend N. and W.

12.00 Road, bears NW. and SE.

25.00 Road, bears N. 60° W. and S. 60° E.

29.67 The midpoint on E. bdy. of sec. 24.

## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

## Chains

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 24 of R. 4 E. only, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 24 \end{array}$$

1940

from which

A pine, 6 ins. diam., bears S.  $27\frac{1}{2}^{\circ}$  W., 18 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

A pine, 6 ins. diam., bears N.  $50^{\circ}$  W., 83 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

30.00 Spur, slopes W.

40.29 The original  $\frac{1}{4}$  sec. cor. of secs. 19 and 24 (now an angle point), as evidenced by pieces of decayed wooden post in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with pieces of old post buried alongside, for angle point, with brass cap mkd.

$$\begin{array}{c} \text{AP} \\ \text{T22N} \\ \text{R4E} | \text{R5E} \\ \text{S } 24 | \text{S } 19 \end{array}$$

1940

from which

Original bearing trees:

A pine, dying, 36 ins. diam., bears N.  $32\frac{1}{2}^{\circ}$  E., 69 lks. dist., mkd.  $\frac{1}{4}$  S B T. I change the marks to read: A P S 19 B T.

The original position of a fallen pine, 30 ins. diam., bears N.  $67\frac{1}{4}^{\circ}$  W., 52 lks. dist. Tree is mkd.  $\frac{1}{4}$  S B T, which marks I destroy.

New bearing trees:

A pine, 14 ins. diam., bears N.  $82\frac{3}{4}^{\circ}$  E., 210 lks. dist., mkd. A P S 19 B T.

A pine, 6 ins. diam., bears S.  $80\frac{3}{4}^{\circ}$  W., 82 lks. dist., mkd. A P S 24 B T.

N.  $0^{\circ} 17'$  E., bet. secs. 19 and 24.

5.66 The midpoint on W. bdy. of sec. 19.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 19 of R. 5 E. only, with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 19 \end{array}$$

1940

from which

A pine, 20 ins. diam., bears N.  $19^{\circ}$  E., 104 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.

## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

## Chains

A pine, 6 ins. diam., bears S. 57° E., 67 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.

29.29 The closing cor. of secs. 13 and 24, as evidenced by a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for closing cor. of secs. 13 and 24, with brass cap mkd.

T22N	T22N
S 13	S 19
S 24	R5E
R4E	

1940

from which

Original bearing trees:

A pine, 20 ins. diam., bears N. 68° W., 121 lks. dist., marks overgrown.

Find no evidence of other original bearing trees.

New bearing tree:

A pine, 14 ins. diam., bears S. 28½° W., 257 lks. dist., mkd. T 22 N R 4 E S 24 C C B T.

Continue line bet. secs. 13 and 19.

39.00 Road, bears NE. and SW.

40.44 The original cor. of secs. 13, 18, 19, and 24 (now an angle point), as evidenced by a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for angle point, with brass cap mkd.

AP	
T22N	
R4E	R5E
S 13	S 19
1940	

from which

Original bearing trees:

A pine stump, 36 ins. diam., bears N. 70½° E., 74 lks. dist., no marks visible.

A pine stump, 30 ins. diam., bears S. 45½° E., 23 lks. dist., no marks visible.

A pine stump, 36 ins. diam., bears S. 32½° W., 35 lks. dist., no marks visible.

A pine stump, 10 ins. diam., bears N. 51½° W., 72 lks. dist., no marks visible.

New bearing trees:

A pine, 6 ins. diam., bears N. 32° E., 120 lks. dist., mkd. A P S 19 B T.

Resurvey of E. Bdy. of T. 22 N., R. 4 E.

Chains

A pine, 14 ins. diam., bears S.  $65\frac{1}{2}^\circ$  W., 121 lks. dist., mkd. A P S 13 B T.

Cor. of 2 strand barbed wire fences, bearing N. and W., bears W., 39 lks. dist.

Land, rolling.  
Soil, rocky, 3d and 4th rate.  
Timber, yellow pine; undergrowth, none.

N.  $1^\circ 14'$  E., bet. secs. 13 and 19.

Over rolling land, through scattering timber; along fence line.

5.59 The closing cor. of secs. 18 and 19, as evidenced by pieces of decayed wooden post in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the pieces of old post buried alongside, for closing cor. of secs. 18 and 19, with brass cap mkd.

T22N		T22N	
S 13		S 18	CC
R4E		S 19	
		R5E	

1940

from which

Original bearing trees:

A pine stump, 30 ins. diam., bears N.  $5^\circ$  E., 50 lks. dist., no marks visible.

A pine stump, 24 ins. diam., bears S.  $33\frac{3}{4}^\circ$  E., 150 lks. dist., no marks visible.

New bearing trees:

A double pine, 6 ins. diam., bears N.  $41\frac{1}{2}^\circ$  E., 137 lks. dist., mkd. T 22 N R 5 E S 18 C C B T.

A pine, 14 ins. diam., bears S.  $68^\circ$  E., 121 lks. dist., mkd. T 22 N R 5 E S 19 C C B T.

Continue line bet. secs. 13 and 18.

15.00 Drain, course W. to small earth tank 2 chs. dist.

28.805 The midpoint on the E. bdy. of sec. 13.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 13 of R. 4 E. only, with brass cap mkd.

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

1940

from which

A pine, 6 ins. diam., bears S.  $40\frac{1}{2}^\circ$  W., 33 lks. dist., mkd.  $\frac{1}{4}$  S 13 B T.

Resurvey of E. Bdy. of T. 22 N., R. 4 E.

Chains

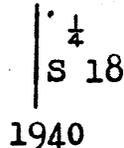
A pine, 16 ins. diam., bears N.  $56\frac{1}{4}^\circ$  W., 123 lks. dist., mkd.  $\frac{1}{4}$  S 13 B T.

32.25 Charles Marion's house bears W., 1 ch. dist.; road from SE. bears N.  $1^\circ 14'$  E., along line and bet. fences; leave scattering timber, enter Government Prairie.

40.00 Record distance for original  $\frac{1}{4}$  sec. cor. of secs. 13 and 18, which would now be an angle point.

45.53 The midpoint of W. bdy. of sec. 18.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor. of sec. 18 of R. 5 E. only, with brass cap mkd.



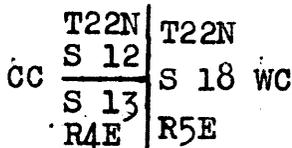
of stone, 3 ft. base, 2 ft. high, E. of cor. raise a mound

68.76 Proportional distance,

Deposit a stone, 4x4x2 ins., mkd. with a cross (+), 12 ins. below the surface of the ground, in roadway, for closing cor. of secs. 12 and 13.

At a point N.  $88^\circ 30'$  W., 41 lks. dist.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness closing cor. of secs. 12 and 13, with brass cap mkd.



1940

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

Continue line bet. secs. 12 and 18.

69.10 Rachel Kirby's house bears W., 1.50 chs. dist.

80.46 The point for the original cor. of secs. 7, 12, 13, and 18, (now an angle point), at the intersection of the center lines of roads extending N., S., and E. The old corner monument, a malpais stone, 20x12x10 ins., mkd. with 2 notches on N., and 4 notches on S. edges, has been torn up by road grader and was found lying loosely on the bank of the road. I destroy the marks on this stone.

At point for cor.

Deposit a stone, 5x4x2 ins., mkd. with a cross (+), 12 ins. below the surface of the ground, in roadway, for angle point.

At a point W., 33 lks. dist.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with the old stone set alongside, and in a mound of stone to top, for witness angle point, with brass cap mkd.

## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

Chains

AP  
T22N  
R4E | R5E  
S 12 | S 18 WC  
1940

Land, rolling.  
Soil, gravelly and rocky, 3d and 4th rate.  
Timber, scattering pine; undergrowth, none.

-----

N. 0° 42' E., bet. secs. 12 and 18.

Over open prairie, along road.

5.01 Proportional distance,

Set a stone, 4x3x2 ins., mkd. with a cross (+), 12 ins. below the surface of the ground, in roadway, for closing cor. of secs. 7 and 18.

At a point S. 88° 54' E., 46 lks. dist.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness closing cor. of secs. 7 and 18, with brass cap mkd.

T22N | T22N  
WC S 12 | S 7 CC  
R4E | S 18  
R5E  
1940

raise a mound  
of stone, 3½ ft. base, 2½ ft. high, E. of cor.

Continue line bet. secs. 7 and 12.

28.55 The midpoint on E. bdy. of sec. 12.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for ¼ sec. cor. of sec. 12 of R. 4 E. only, with brass cap mkd.

¼ |  
S 12 |  
1940

40.22 The original ¼ sec. cor. of secs. 7 and 12 (now an angle point), as evidenced by a malpais stone, 16x10x6 ins., mkd. ¼ on W. face, firmly set in the ground, with a mound of stone E. of cor. I remove the original marks and mark the top of stone A P.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, over a cross (+) on bedrock, and in a mound of stone to top, for angle point, with brass cap mkd.

AP  
T22N  
R4E | R5E  
S 12 | S 7  
1940



## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

## Chains

N. 0° 51' E., bet. secs. 1 and 7.

Over rolling prairie.

- 4.47 The closing cor. of secs. 6 and 7, as evidenced by a malpais stone, 16x12x8 ins., mkd. CC and 1 notch on N. and 5 notches on S. edges, firmly set in the ground, with a mound of stone E. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the old stone buried alongside, for closing cor. of secs. 6 and 7, with brass cap mkd.

T22N	T22N	CC
S 1	S 6	
R4E	S 7	
	R5E	

1940

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

Continue line bet. secs. 1 and 6.

- 17.50 Fence cor. bears W., 65 lks. dist., from which fences extend N. and W.

- 28.23 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 1 of R. 4 E. only, with brass cap mkd.

¼	
S 1	
	1940

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

- 38.72 The original ¼ sec. cor. of secs. 1 and 6 (now an angle point), evidenced by a malpais stone, mkd. ¼ on W. face, with a mound of stone E. of cor. I destroy the marks and remark the stone A P.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with the old stone buried alongside, and in a mound of stone to top, for angle point, with brass cap mkd.

AP	
T22N	
R4E	R5E
S 1	S 6

1940

N. 1° 07' W., bet. secs. 1 and 6.

- 6.43 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 6 of R. 5 E. only, with brass cap mkd.

## Resurvey of E. Bdy. of T. 22 N., R. 4 E.

Chains

$$\begin{array}{c} | \\ \frac{1}{4} \\ | \\ \text{S } 6 \\ | \\ 1940 \end{array}$$

raise a mound

of stone, 3 ft. base, 2 ft. high, E. of cor.

34.93 The cor. of Tps. 22 and 23 N., Rs. 4 and 5 E., as evidenced by a sandstone, mkd. with 6 notches on each edge, with a mound of stone alongside.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with the old stone buried alongside, for cor. of Tps. 22 and 23 N., Rs. 4 and 5 E., with brass cap mkd.

$$\begin{array}{c} \text{T23N} \\ \text{R4E | R5E} \\ \text{S } 36 | \text{S } 31 \\ \hline \text{S } 1 | \text{S } 6 \\ \text{T22N} \\ 1940 \end{array}$$

raise a mound

of stone,  $3\frac{1}{2}$  ft. base, 3 ft. high, S. of cor.

Land, rolling prairie.  
Soil, gravelly and rocky, 3d and 4th rate.  
Timber, none; undergrowth, none.

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Resurvey of N. Bdy. of T. 22 N., R. 4 E.

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Reestablishment of the survey executed by W. R. Fitzgerald, Deputy Surveyor, in 1883, and retraced by F. W. Oury, Deputy Surveyor, in 1894.

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From the cor. of Tps. 22 and 23 N., Rs. 4 and 5 E.

S.  $89^{\circ} 54'$  W., bet. secs. 1 and 36.

Over gently rolling land of Government Prairie.

0.20 Road, bears N. and S.

40.26 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone faintly mkd.  $\frac{1}{4}$ , in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, over a cross (+) mkd. on bedrock, and in a mound of stone to top, with the old stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \text{ S } 36 \\ \text{S } 1 \\ \hline 1940 \end{array}$$

From this point an old cabin bears S.  $14\frac{1}{2}^{\circ}$  W., 30.40 chs. dist.

## Resurvey of N. Eddy. of T. 22 N., R. 4 E.

## Chains

West, bet. secs. 1 and 36.

40.19 The cor. of secs. 1, 2, 35, and 36, as evidenced by a stone, mkd. with 1 groove on E. and 5 grooves on W. faces, in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, with the old stone buried alongside, over a cross (+) mkd. on bedrock, and in a mound of stone to top, for cor. of secs. 1, 2, 35, and 36, with brass cap mkd.

T23N R4E
S 35   S 36
S 2   S 1
T22N R4E
1940

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

Land, rolling prairie.  
Soil, rocky and gravelly, 3d and 4th rate.  
Timber, none; undergrowth, none.

-----  
S. 89° 29' W., bet. secs. 2 and 35.

Over rolling prairie land.

40.15 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 18x12x6 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in the ground, with a mound of stone alongside.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the old stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$ S 35
S 2
1940

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

N. 88° 59' W., bet. secs. 2 and 35.

15.00 Leave Government Prairie, enter scattering 2nd growth pine timber; drain, course S. 30° W.

27.50 Road ( old Grand Canyon Highway), bears NE. and SW.; timber becomes dense.

40.26 The cor. of secs. 2, 3, 34, and 35, as evidenced by a stone, 16x8x6 ins., mkd. with 2 grooves on E. and 4 grooves on W. faces, set in a mound of stone. This stone is used and accepted locally as occupying the position of the original corner.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with the old stone buried alongside, for cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

## Resurvey of N. Bdy. of T. 22 N., R. 4 E.

## Chains

T23N R4E  
 S 34 | S 35  
 S 3 | S 2  
 T22N R4E  
 1940

from which

## Original bearing trees:

A pine stump, 26 ins. diam., bears N. 60° E., 151 lks. dist., no marks visible.

A pine, 20 ins. diam., bears N. 88 $\frac{3}{4}$ ° W., 159 lks. dist., mkd. T 23 N R 4 E S 34 B T.

## Old bearing tree, not of record:

A pine, 20 ins. diam., bears S. 59 $\frac{3}{4}$ ° W., 216 lks. dist., blaze partly open, scribing visible.

## New bearing trees:

A pine, 6 ins. diam., bears N. 18 $\frac{1}{2}$ ° E., 56 lks. dist., mkd. T 23 N R 4 E S 35 B T.

A pine, 6 ins. diam., bears S. 37 $\frac{3}{4}$ ° E., 82 lks. dist., mkd. T 22 N R 4 E S 2 B T.

Land, rolling.

Soil, rocky, 3d and 4th rate.

Timber, yellow pine; undergrowth, none.

-----  
 N. 89° 39' W., bet. secs. 3 and 34.

Asc. 230 ft. along broken S. to SE. slope, through dense 2nd growth pine and scattering juniper timber.

28.00 Head of canyon, course S.; continue ascent.

39.62 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, mkd.  $\frac{1}{4}$  on W. face; with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the old stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   $\frac{S 34}{S 3}$   
 1940

from which

## Original bearing trees:

A pine, dead, 40 ins. diam., bears N. 35° E., 46 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine, 12 ins. diam., bears S. 9° W., 15 lks. dist., marks overgrown.

## New bearing tree:

A pine, 20 ins. diam., bears N. 38 $\frac{1}{4}$ ° W., 101 lks. dist., mkd.  $\frac{1}{4}$  S 34 B T.

## Resurvey of N. Bdy. of T. 22 N., R. 4 E.

## Chains

S. 89° 58' W., bet. secs. 3 and 34.

0.40 Spur, slopes S.; desc. 40 ft.

3.00 Small canyon, course S.; asc. 130 ft.

8.00 Spur, slopes S.; desc. 100 ft. over rolling and broken S. slope.

30.00 Trail, bears SE. and NW.

40.17 The cor. of secs. 3, 4, 33, and 34, as evidenced by a sandstone, mkd. with 3 notches on W. and 3 notches on E. edges, with a mound of stone alongside.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, with old stone buried alongside, over a cross (+) mkd. on bedrock, and in a mound of stone to top, for cor. of secs. 3, 4, 33, and 34, with brass cap mkd.

T23N R4E
S 33   S 34
S 4   S 3
T22N R4E

1940

from which

## Original bearing trees:

A pine, 30 ins. diam., bears N. 84 $\frac{3}{4}$ ° E., 45 lks. dist., marks overgrown.

A decayed pine stump bears S. 17° W., 126 lks. dist., marks visible on pieces of wood near stump.

Find no evidence of SE. bearing tree.

## New bearing trees:

A pine, 10 ins. diam., bears S. 33 $\frac{1}{4}$ ° E., 76 lks. dist., mkd. T 22 N R 4 E S 3 B T.

A pine, 10 ins. diam., bears S. 51 $\frac{1}{2}$ ° W., 44 lks. dist., mkd. T 22 N R 4 E S 4 B T.

A pine, 8 ins. diam., bears N. 13 $\frac{1}{2}$ ° W., 68 lks. dist., mkd. T 23 N R 4 E S 33 B T.

Land, rolling mountainous.

Soil, rocky, 4th rate.

Timber, yellow pine, juniper, and oak; undergrowth, none.

S. 89° 43' W., bet. secs. 4 and 33.

Over rolling land, through timber.

16.00 Road and telephone line, bear N. and S.

20.00 Fence, bears NE. and SE.

39.00 Small drain, course NE. and S. 70° W.

39.92 Point for  $\frac{1}{4}$  sec. cor., as determined from the original bearing trees.

## Resurvey of N. Bdy. of T. 22 N., R. 4 E.

## Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} S 33 \\ S 4 \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine, 14 ins. diam., bears S.  $72\frac{1}{2}^{\circ}$  W., 38 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine, 20 ins. diam., bears N.  $62\frac{1}{2}^{\circ}$  W., 37 lks. dist., marks overgrown.

S.  $89^{\circ} 58'$  W., bet. secs. 4 and 33.

Asc. 270 ft. over E. slope, through timber.

20.00 Spur, slopes S.; and another spur slopes SE.; desc. 55 ft. over W. slope.

26.00 Small canyon, course S.; asc. 140 ft.

39.62 The point for cor. of secs. 4, 5, 32, and 33, as determined from the original position of a fallen bearing tree.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, with brass cap mkd.

$$\begin{array}{r} T23N R4E \\ S 32 | S 33 \\ S 5 | S 4 \\ T22N R4E \\ 1940 \end{array}$$

from which

## Original bearing tree:

A stump hole; the original position of a fallen pine, 30 ins. diam., bears S.  $43^{\circ}$  W., 20 lks. dist. Tree is mkd. T 22 N R 4 E S 5 B T.

Find no evidence of SE. bearing tree.

## New bearing trees:

A pine, 10 ins. diam., bears N.  $48\frac{1}{4}^{\circ}$  E., 82 lks. dist., mkd. T 23 N R 4 E S 33 B T.

A pine, 4 ins. diam., bears S.  $24\frac{1}{4}^{\circ}$  E., 65 lks. dist., mkd. T 22 N R 4 E S 4 B T.

A pine, 15 ins. diam., bears S.  $37\frac{3}{4}^{\circ}$  W., 68 lks. dist., mkd. T 22 N R 4 E S 5 B T.

A pine, 12 ins. diam., bears N.  $29\frac{3}{4}^{\circ}$  W., 22 lks. dist., mkd. T 23 N R 4 E S 32 B T.

Land, rolling mountainous.

Soil, rocky, 4th rate.

Timber, yellow pine, juniper, oak, and scattering fir; undergrowth, none.

## Resurvey of N. Bdy. of T. 22 N., R. 4 E.

## Chains

S. 89° 56' W., bet. secs. 5 and 32.

Over mountainous land, through scattering fir and dense pine timber.

2.40 Spur, slopes S.; desc. 310 ft. over W. slope.

25.00 Canyon, course S. 20° W.; asc. 50 ft.

33.50 Spur, slopes S.; desc. 100 ft. through dense fir timber.

40.58 The  $\frac{1}{4}$  sec. cor., as evidenced by a sandstone, 12x12x12 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in the ground, with a mound of stone alongside.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} \text{S } 32 \\ \text{S } 5 \\ \hline 1940 \end{array}$$

from which

Original bearing tree:

A pine stump, 20 ins. diam., bears N. 37° E., 125 lks. dist., no marks visible.

New bearing trees:

A pine, 14 ins. diam., bears S. 19° E., 48 lks. dist., mkd.  $\frac{1}{4}$  S 5 B T.

A pine, 4 ins. diam., bears N. 24° W., 64 lks. dist., mkd.  $\frac{1}{4}$  S 32 B T.

S. 89° 57' W., bet. secs. 5 and 32.

1.00 Ravine, course S.; asc. 180 ft. over E. slope.

13.00 Spur, slopes S.; desc. 125 ft. over SW. slope.

20.00 Ravine, course S. to SE.; asc. 165 ft.

39.60 Ridge, at saddle, bears N. and S.

40.50 The cor. of secs. 5, 6, 31, and 32, as evidenced by pieces of decayed wood in a mound of earth.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 5, 6, 31, and 32, with brass cap mkd.

$$\begin{array}{r} \text{T23N R4E} \\ \text{S } 31 \mid \text{S } 32 \\ \hline \text{S } 6 \mid \text{S } 5 \\ \text{T22N R4E} \\ \hline 1940 \end{array}$$

from which

Original bearing trees:

A fir, 30 ins. diam., bears N. 68 $\frac{1}{4}$ ° E., 112 lks. dist., marks overgrown.

## Resurvey of N. Bdy. of T. 22 N., R. 4 E.

## Chains

A pine, 12 ins. diam., bears S.  $60\frac{1}{2}^{\circ}$  E., 24 lks. dist., marks overgrown.

A pine, 30 ins. diam., bears S.  $26\frac{3}{4}^{\circ}$  W., 25 lks. dist., marks overgrown.

## New bearing tree:

A pine, 6 ins. diam., bears N.  $48\frac{3}{4}^{\circ}$  W., 28 lks. dist., mkd. T 23 N R 4 E S 31 B T.

Land, rolling mountainous.

Soil, rocky, 4th rate.

Timber, yellow pine, fir, oak, and juniper; undergrowth, none.

-----  
N.  $89^{\circ} 31'$  W., bet. secs. 6 and 31.

Desc. 320 ft. over N. to NW. slope, through timber.

17.25 Ravine, course SW.; thence over broken S. slope.

38.50 Road, bears NE. and SW.

40.04 The  $\frac{1}{4}$  sec. cor., as evidenced by pieces of decayed wood in a mound of earth and stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

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

1940

from which

## Original bearing tree:

A pine, 30 ins. diam., bears S.  $7\frac{1}{2}^{\circ}$  E., 24 lks. dist., mkd.  $\frac{1}{4}$  S B T.

## New bearing trees:

A pine, 8 ins. diam., bears N.  $47\frac{1}{2}^{\circ}$  W., 33 lks. dist., mkd.  $\frac{1}{4}$  S 31 B T.

A pine, 6 ins. diam., bears S.  $26\frac{1}{2}^{\circ}$  W., 30 lks. dist., mkd.  $\frac{1}{4}$  S 6 B T.

N.  $89^{\circ} 37'$  W., bet. secs. 6 and 31.

Over broken S. slope, through timber.

39.07 The cor. of Tps. 22 and 23 N., Rs. 3 and 4 E., as evidenced by a wooden post, marks partly visible, in a mound of earth.

At point for cor.

Set an iron post, 3 ft. long, 3 ins. diam., 27 ins. in the ground, with the old post set alongside, for cor. of Tps. 22 and 23 N., Rs. 3 and 4 E., with brass cap mkd.

## Resurvey of N. Bdy. of T. 22 N., R. 4 E.

## Chains

T23N			
R3E		R4E	
S	36	S	31
S	1	S	6
T22N			
1940			

from which

## Original bearing trees:

An oak 12 ins. diam., bears N.  $49\frac{1}{2}^{\circ}$  E., 39 lks. dist., marks overgrown.

A pine stump, 30 ins. diam., bears S.  $50^{\circ}$  W., 103 lks. dist., no marks visible.

A dead pine, 30 ins. diam., bears N.  $40^{\circ}$  W., 87 lks. dist., mkd. T 23 N R 3 E S 36 B T.

## New bearing trees:

A pine, 6 ins. diam., bears N.  $26\frac{1}{2}^{\circ}$  E., 17 lks. dist., mkd. T 23 N R 4 E S 31 B T.

A pine, 6 ins. diam., bears S.  $66\frac{1}{4}^{\circ}$  E., 16 lks. dist., mkd. T 22 N R 4 E S 6 B T.

A pine, 6 ins. diam., bears S.  $42\frac{1}{4}^{\circ}$  W., 40 lks. dist., mkd. T 22 N R 3 E S 1 B T.

A pine, 6 ins. diam., bears N.  $33\frac{1}{4}^{\circ}$  W., 13 lks. dist., mkd. T 23 N R 3 E S 36 B T.

Land, rolling mountainous.

Soil, rocky, 4th rate.

Timber, yellow pine, fir, oak, and juniper; undergrowth, none.

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Resurvey of W. Bdy. of T. 22 N., R. 4 E.

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Reestablishment of the survey executed by W. R. Fitzgerald, Deputy Surveyor, in 1883, and retraced by F. W. Oury, Deputy Surveyor, in 1894.

From the cor. of Tps. 21 and 22 N., Rs. 3 and 4 E., described in the field notes of the W. bdy. of T. 21 N., R. 4 E., resurveyed under this group.

N.  $0^{\circ} 09'$  W., bet. secs. 31 and 36.

Over rolling land, through timber, along fence.

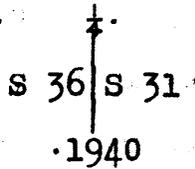
40.14 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, mkd.  $\frac{1}{4}$  on W. face, with a mound of stone to W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

Resurvey of W. Bdy. of T. 22 N., R. 4 E.

Chains



from which

A yellow pine, 6 ins. diam., bears S.  $19\frac{1}{2}^\circ$  E., 117 lks. dist., mkd.  $\frac{1}{4}$  S 31 B T.

A yellow pine, 12 ins. diam., bears N.  $86\frac{3}{4}^\circ$  W., 139 lks. dist., mkd.  $\frac{1}{4}$  S 36 B T.

A N. and S. fence bears E., 15 lks. dist.

N.  $1^\circ 23'$  E., bet. secs. 31 and 36.

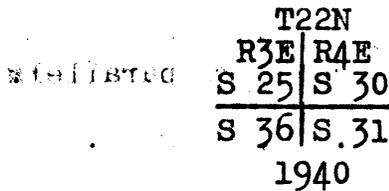
Over nearly level land.

37.00 Fence, bears E. and W. from N. and S. fence.

40.18 The cor. of secs. 25, 30, 31, and 36, as evidenced by a stone, 20x10x6 ins., mkd. with 5 grooves on N. and 1 groove on S. faces, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, with the old stone buried alongside, and in a mound of stone to top, for cor. of secs. 25, 30, 31, and 36, with brass cap mkd,



from which

Original bearing tree:

A pine, 40 ins. diam., bears S.  $23\frac{1}{2}^\circ$  E., 229 lks. dist., mkd. T 22 N R 4 E S 31 B T.

New bearing trees:

A pine, 8 ins. diam., bears N.  $37^\circ$  E., 13 lks. dist., mkd. T 22 N R 4 E S 30 B T.

A pine, 10 ins. diam., bears S.  $53^\circ$  W., 70 lks. dist., mkd. T 22 N R 3 E S 36 B T.

A pine, 8 ins. diam., bears N.  $58\frac{1}{2}^\circ$  W., 133 lks. dist., mkd. T 22 N R 3 E S 25 B T.

A N. and S. fence bears E., 50 lks. dist.

Land, gently rolling.

Soil, clay, gravel, and rocky, 3d and 4th rate.

Timber, 1st and 2nd growth yellow pine; undergrowth, none.

## Resurvey of W. Bdy. of T. 22 N., R. 4 E.

## Chains

N.  $0^{\circ} 19'$  E., bet. secs. 25 and 30.

Over nearly level land, through scattering undergrowth.

24.75 Old highway, bears E. and W.

40.04 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 20x12x4 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of earth and stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

	↑	
S 25		S 30
	1940	

from which

A double pine, 4 ins. diam., bears S.  $84\frac{3}{4}^{\circ}$  E., 254 lks. dist., mkd.  $\frac{1}{4}$  S 30 B T.

A pine, 5 ins. diam., bears N.  $35\frac{3}{4}^{\circ}$  W., 210 lks. dist., mkd.  $\frac{1}{4}$  S 25 B T.

A N. and S. fence bears E., 14 lks. dist.

N.  $0^{\circ} 09'$  W., bet. secs. 25 and 30.

25.34 Fence cor., from which fence bears S., and highway right-of-way fence bears parallel to highway.

26.35 U. S. Highway No. 66, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.

27.36 Fence cor., from which fence bears N., and highway right-of-way fence parallels highway.

40.00 The cor. of secs. 19, 24, 25, and 30, as evidenced by a stone, 24x10x5 ins., mkd. with 4 grooves on N. and 2 grooves on S. faces, firmly set in ground, with a mound of earth and stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, over a cross (+) mkd. on bedrock, with the old cor. stone buried alongside, and in a mound of stone to top, for cor. of secs. 19, 24, 25, and 30, with brass cap mkd.

	T22N	
R3E		R4E
S 24		S 19
S 25		S 30
	1940	

from which

A pine, 8 ins. diam., bears N.  $63\frac{1}{4}^{\circ}$  E., 87 lks. dist., mkd. T 22 N R 4 E S 19 B T.

A pine, 4 ins. diam., bears S.  $25\frac{3}{4}^{\circ}$  E., 163 lks. dist., mkd. T 22 N R 4 E S 30 B T.

A pine, 10 ins. diam., bears S.  $23\frac{1}{2}^{\circ}$  W., 68 lks. dist., mkd. T 22 N R 3 E S 25 B T.

Resurvey of W. Bdy. of T. 22 N., R. 4 E.

Chains

A pine, 8 ins. diam., bears N.  $66\frac{1}{2}^\circ$  W., 88 lks. dist., mkd. T 22 N R 3 E S 24 B T.

Cor. is under N. and S. fence.

Land, gently rolling.  
Soil, clay and gravel, 3d and 4th rate.  
Timber, scattering yellow pine; undergrowth, none.

-----  
N.  $1^\circ 54'$  W., bet. secs. 19 and 24.

Desc. 110 ft. over N. slope, through scattering timber.

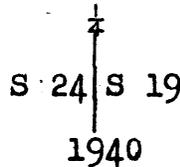
13.00 Drain in bottom of small canyon, course SW.; asc. 70 ft. over S. slope.

22.90 Top of ascent; over gently rolling land.

39.53 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone 16x10x5 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of earth and stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



from which

A pine, 8 ins. diam., bears N.  $27\frac{1}{2}^\circ$  E., 60 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.

A pine, 8 ins. diam., bears N.  $86\frac{1}{4}^\circ$  W., 68 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

Cor. is under N. and S. fence.  
North, bet. secs. 19 and 24.

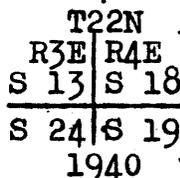
Over nearly level land, through scattering timber.

30.00 East end of dry lake bed, bears W. and SW.; earth tank bears W., about 20 chs. dist.

40.13 The cor. of secs. 13, 18, 19, and 24, as evidenced by a stone, 24x10x4 ins., mkd. with 3 grooves on each of the N. and S. faces, firmly set in ground, with a mound of earth and stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 13, 18, 19, and 24, with brass cap mkd.



from which

A pine, 4 ins. diam., bears N.  $21\frac{1}{2}^\circ$  E., 369 lks. dist., mkd. T 22 N R 4 E S 18 B T.

ECCX 4500

## Resurvey of W. Bdy. of T. 22 N., R. 4 E.

## Chains

A pine, 8 ins. diam., bears N.  $48\frac{1}{2}^{\circ}$  W., 418 lks. dist., mkd. T 22 N R 3 E S 13 B T.

I find no evidence of the original bearing tree.

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

Land, rolling to nearly level.

Soil, rocky, 3d and 4th rate.

Timber, scattering pine and oak; undergrowth, none.

N.  $0^{\circ} 36'$  E., bet. secs. 13 and 18.

Over gently rolling land, through timber.

39.98 The  $\frac{1}{4}$  sec. cor., as evidenced by a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 13 | S 18  
 1940

from which

Original bearing tree:

A pine stump, 20 ins. diam., bears S.  $40^{\circ}$  W., 28 lks. dist., no marks visible.

New bearing trees:

A pine, 9 ins. diam., bears S.  $59\frac{1}{2}^{\circ}$  E., 70 lks. dist., mkd.  $\frac{1}{4}$  S 18 B T.

A juniper, 5 ins. diam., bears S.  $68\frac{3}{4}^{\circ}$  W., 51 lks. dist., mkd.  $\frac{1}{4}$  S 13 B T.

N. and S. fence bears W., 10 lks. dist.

N.  $0^{\circ} 06'$  E., bet. secs. 13 and 18.

Over gently rolling land, through timber.

40.04 The cor. of secs. 7, 12, 13, and 18, as evidenced by a pine, 24 ins. diam., marks overgrown, tree dying, from which

Original bearing trees:

A pine, 40 ins. diam., bears S.  $60^{\circ}$  E., 87 lks. dist., mkd. T 22 N R 4 E S 18 B T.

A pine, 13 ins. diam., bears S.  $39\frac{1}{2}^{\circ}$  W., 8 lks. dist., mkd. T 22 N R 3 E S 13 B T.

A pine, 15 ins. diam., bears N.  $35^{\circ}$  W., 8 lks. dist., mkd. T 22 N R 3 E S 12 B T.

Fence cor. bears W., 7 lks. dist., from which fences bear E. and S.

## Resurvey of W. Bdy. of T. 22 N., R. 4 E.

## Chains

At a point N.  $0^{\circ} 27'$  E., 50 lks. dist.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. of secs. 7, 12, 13, and 18, with brass cap mkd.

T22N	
R3E	R4E
S 12	S 7
S 13	S 18
W C	
1940	

from which

A pine, 6 ins. diam., bears N.  $22\frac{3}{4}^{\circ}$  E., 45 lks. dist., mkd. W C T 22 N R 4 E S 7 B T.

A pine, 6 ins. diam., bears S.  $29\frac{3}{4}^{\circ}$  E., 69 lks. dist., mkd. W C T 22 N R 4 E S 18 B T.

A pine, 7 ins. diam., bears S.  $36\frac{1}{4}^{\circ}$  W., 96 lks. dist., mkd. W C T 22 N R 3 E S 13 B T.

A pine, 8 ins. diam., bears N.  $64^{\circ}$  W., 61 lks. dist., mkd. W C T 22 N R 3 E S 12 B T.

Land, gently rolling.

Soil, clay and rocky, 3d and 4th rate.

Timber, dense 2nd growth yellow pine and scattering oak; undergrowth, none.

-----  
N.  $0^{\circ} 27'$  E., bet. secs. 7 and 12.

Over gently rolling land, through dense timber.

0.50 The witness corner of secs. 7, 12, 13, and 18.

4.00 Drain, course S.  $60^{\circ}$  W.

12.00 Unimproved road at junction, bears E., W., and NE.

39.92 The point for  $\frac{1}{4}$  sec. cor., as determined from the original bearing trees.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S. 12	S 7
1940	

from which

Original bearing trees:

A pine, dying, 20 ins. diam., bears N.  $30^{\circ}$  E., 40 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine stump, 20 ins. diam., bears N.  $15\frac{1}{2}^{\circ}$  W., 36 lks. dist., no marks visible.

New bearing trees:

A pine, 7 ins. diam., bears east, 53 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.

BOOK 4039

## Resurvey of W. Bdy. of T. 22 N., R. 4 E.

Chains

A pine, 8 ins. diam., bears S.  $72^{\circ}$  W., 58 lks.  
dist., mkd.  $\frac{1}{4}$  S 12 B T.

N.  $0^{\circ} 27'$  E., bet. secs. 7 and 12.

Over gently rolling land, through dense timber.

39.76 The point for the cor. of secs. 1, 6, 7, and 12, as determined from an original bearing tree.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7, and 12, with brass cap mkd.

T22N	
R3E	R4E
S 1	S 6
-----	
S 12	S 7
1940	

from which

Original bearing tree:

A pine, 26 ins. diam., bears S.  $30^{\circ}$  E., 17 lks.  
dist., mkd. T 22 N R 4 E S 7 B T.

I find no evidence of the original NE. and SW.  
bearing trees.

New bearing trees:

A pine, 6 ins. diam., bears N.  $48^{\circ}$  E., 42 lks.  
dist., mkd. T 22 N R 4 E S 6 B T.

A pine, 6 ins. diam., bears S.  $50\frac{3}{4}^{\circ}$  W., 29 lks.  
dist., mkd. T 22 N R 3 E S 12 B T.

A pine, 6 ins. diam., bears N.  $50^{\circ}$  W., 44 lks.  
dist., mkd. T 22 N R 3 E S 1 B T.

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, 2nd growth yellow pine; undergrowth, none.

-----

N.  $0^{\circ} 24'$  W., bet. secs. 1 and 6.

Over gently rolling land, through dense timber.

1.00 Unimproved road, bears SE. and NW., about 9 chs. dist.  
to road which bears N.  $20^{\circ}$  E. and SW.

38.50 Unimproved road, bears N.  $20^{\circ}$  E. and S.  $20^{\circ}$  W.

40.66 The  $\frac{1}{4}$  sec. cor., as evidenced by a mound of earth.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

↑	
S 1	S 6
-----	
1940	

from which

## Resurvey of W. Bdy. of T. 22 N., R. 4 E.

## Chains

## Original bearing trees:

A pine, 30 ins. diam., bears S.  $23\frac{1}{4}^{\circ}$  E., 70 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine stump, 30 ins. diam., bears N.  $22^{\circ}$  W., 83 lks. dist., mkd.  $\frac{1}{4}$  S B T.

## New bearing tree:

A pine, 10 ins. diam., bears S.  $51\frac{3}{4}^{\circ}$  W., 56 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

N.  $0^{\circ} 40'$  E., bet. secs. 1 and 6.

Ascend 130 ft. along E. to SE. slope, through dense timber.

20.00 Top of ascent, thence over nearly level land.

36.10 Desc. 60 ft. over N. slope.

39.85 The cor. of Tps. 22 and 23 N., Rs. 3 and 4 E.

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, dense 2nd growth yellow pine and scattering oak; undergrowth, scrub oak.

-----  
Resurvey of Subdivision of T. 22 N., R. 4 E.  
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Reestablishment of the survey executed by F. W. Oury, Deputy Surveyor, in 1894.

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From the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tp., described in the field notes of the N. bdy. of T. 21 N., R. 4 E., resurveyed under this group.

N.  $0^{\circ} 58'$  E., bet. secs. 35 and 36.

Over rolling land, through scattering timber.

9.00 Low spur, slopes NW.

17.80 Road, bears E. and W., in draw, course W.

27.00 Spur, slopes SW.

31:50 Drain, 10 lks. wide, course SW.; asc. 35 ft. over SE. slope.

36.50 One wire telephone line, bears NW. and SE.

40.07 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 14x12x5 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

$$\begin{array}{c} \uparrow \\ \text{S } 35 \text{ | S } 36 \\ \downarrow \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine, 24 ins. diam., bears N.  $46\frac{3}{4}^{\circ}$  E., 116 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine, 36 ins. diam., bears S.  $43\frac{1}{4}^{\circ}$  W., 98 lks. dist., marks overgrown.

## New bearing trees:

A pine, 20 ins. diam., bears N.  $49^{\circ}$  E., 170 lks. dist., mkd.  $\frac{1}{4}$  S 36 B T.

A juniper, 10 ins. diam., bears S.  $67\frac{3}{4}^{\circ}$  W., 146 lks. dist., mkd.  $\frac{1}{4}$  S 35 B T.

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

N.  $0^{\circ} 33'$  W., bet. secs. 35 and 36.

Over rolling land, through timber.

1.30 Spur, slopes SW.

11.70 Spur, slopes W.

39.68 The cor. of secs. 25, 26, 35, and 36, as evidenced by a fence cor., from which old fences extend N. and W. This is accepted as the best available evidence of the position of the original corner.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, with brass cap mkd.

$$\begin{array}{c} \text{T22N R4E} \\ \text{S } 26 \text{ | S } 25 \\ \hline \text{S } 35 \text{ | S } 36 \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine, 20 ins. diam., bears N.  $39\frac{3}{4}^{\circ}$  E., 72 lks. dist., marks overgrown.

A pine stump bears S.  $68\frac{3}{4}^{\circ}$  E., 67 lks. dist., mkd. S 36 B T.

A pine stump bears S.  $5\frac{1}{2}^{\circ}$  W., 48 lks. dist., mkd. S 35 B T.

An oak, 12 ins. diam., bears N.  $31\frac{1}{2}^{\circ}$  W., 48 lks. dist., mkd. T 22 N R 4 E S 26 B T.

## New bearing trees:

A pine, 24 ins. diam., bears S.  $34^{\circ}$  E., 67 lks. dist., mkd. T 22 N R 4 E S 36 B T.

Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

A. pine, 18 ins. diam., bears S.  $37\frac{1}{2}^\circ$  W., 233 lks. dist., mkd. T 22 N R 4 E S 35 B T.

Land, rolling mountainous.  
Soil, rocky, 3d and 4th rate.  
Timber, yellow pine and oak; undergrowth, none.

-----  
S.  $86^\circ 18'$  E., bet. secs. 25 and 36.

Asc. 180 ft. over W. slope, through scattering timber and dense undergrowth.

13.70 Spur, slopes NW.; thence along N. slope.

18.00 Desc. 50 ft. over NE. slope.

23.30 Drain, course N.; asc. 60 ft.

28.60 Spur, slopes N. from top of hill which bears S., 4 chs. dist.; desc. 45 ft.

31.40 Drain, course N.; asc. 50 ft. over NW. slope.

39.66 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 12x12x8 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   $\frac{S\ 25}{S\ 36}$   
1940

from which

Old bearing trees:

A pine, 18 ins. diam., bears S.  $44\frac{3}{4}^\circ$  E., 11 lks. dist., marks overgrown. I remark this tree:  
 $\frac{1}{4}$  S 36 B T.

An oak stump, 30 ins. diam., bears S.  $19\frac{1}{4}^\circ$  E., 39 lks. dist., mkd.  $\frac{1}{4}$  S B T.

New bearing tree:

A pine, 16 ins. diam., bears N.  $35\frac{1}{4}^\circ$  E., 104 lks. dist., mkd.  $\frac{1}{4}$  S 25 B T.

N.  $85^\circ 58'$  E., bet. secs. 25 and 36.

Desc. 155 ft. over NE. slope, through scattering timber and undergrowth.

27.30 Wash, 50 lks. wide, course NW.; over gently rolling land.

28.50 Old road, bears NW. and SE.

32.60 Low spur, slopes NW.

36.87 The closing cor. of secs. 25 and 36, on E. bdy. of Tp.

Land, rolling mountainous.  
Soil, rocky, 3d and 4th rate.  
Timber, yellow pine and oak; undergrowth, thorny locust.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains	
	From the cor. of secs. 25, 26, 35, and 36.
	N. 0° 25' E., bet. secs. 25 and 26.
	Asc. 25 ft. along W. slope,, through timber.
5.00	Spur, slopes W.; desc. 55 ft. over NW. slope.
8.90	Wash, 50 lks. wide, course SW. from E.; asc. 65 ft. over SE. slope.
10.50	Old road, bears NE. and SW..
17.20	Malpais rim, 10 ft. high, bears NE. and SW.; over gently rolling land.
22.50	Railroad right-of-way fence, parallels railroad.
23.50	Telephone line, parallels railroad.
23.60	Telegraph line, parallels railroad.
24.06	Atchison Topeka & Santa Fe Railroad, double tracks, bears N. 79½° E. and S. 79½° W.
24.74	Telephone line and right-of-way fence, parallel railroad.
36.40	Ridge, bears NW. and SE.; descend slightly.
39.60	The ¼ sec. cor., as evidenced by a malpais stone, 14x10x10 ins., mkd. ¼ on W. face, set in a mound of stone.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with old cor. stone buried alongside, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.
	$\begin{array}{c} \dagger \\ \text{S } 26 \mid \text{S } 25 \\ \hline 1940 \end{array}$
	from which
	Old bearing tree:
	A pine, 20 ins. diam., bears S. 28½° E., 34 lks. dist., mkd. ¼ S B T.
	I find no evidence of other old bearing trees.
	New bearing trees:
	A pine, 14 ins. diam., bears S. 25° E., 92 lks. dist., mkd. ¼ S 25 B T.
	A pine, 16 ins. diam., bears S. 58½° W., 113 lks. dist., mkd. ¼ S 26 B T.
	N. 1° 45' E., bet. secs. 25 and 26.
7.20	Road, bears NW. and SE., in drain course SE.; asc. 135 ft. over gentle SW. slope.
11.00	Old road, bears E. and W.
17.30	U. S. Highway No. 66, bears N. 85° E. and S. 85° W.
19.20	Telephone line, parallels highway.

Resurvey of Subdivision of T. 22 N., R. 4 E.

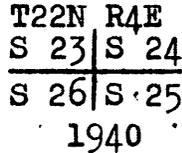
Chains

39.88

The cor. of secs. 23, 24, 25, and 26, as evidenced by a malpais stone, 19x16x6 ins., mkd. with 2 notches on S. and 1 notch on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.



from which

Original bearing trees:

An oak, 16 ins. diam., bears N. 71° E., 59 lks. dist., marks overgrown.

An oak, 16 ins. diam., bears S. 27<sup>3</sup>/<sub>4</sub>° E., 12 lks. dist., marks overgrown.

An oak, 14 ins. diam., bears N. 48<sup>1</sup>/<sub>2</sub>° W., 82 lks. dist., mkd. T 22 N R 4 E S 23 B T.

An oak, 12 ins. diam., bears N. 6° W., 62 lks. dist., mkd. T 22 N R 4 E S 23 B T.

New bearing trees:

A pine, 18 ins. diam., bears N. 30<sup>1</sup>/<sub>4</sub>° E., 139 lks. dist., mkd. T 22 N R 4 E S 24 B T.

A pine, 18 ins. diam., bears S. 80<sup>1</sup>/<sub>4</sub>° E., 170 lks. dist., mkd. T 22 N R 4 E S 25 B T.

An oak, 10 ins. diam., bears S. 37° W., 79 lks. dist., mkd. T 22 N R 4 E S 26 B T.

An oak, 8 ins. diam., bears N. 41<sup>1</sup>/<sub>2</sub>° W., 82 lks. dist., mkd. T 22 N R 4 E S 23 B T.

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

Land, rolling.

Soil, rocky, 3d and 4th rate.

Timber, yellow pine and oak; undergrowth, none.

S. 89° 53' E., bet. secs. 24 and 25.

Ascend 50 ft. over SW. slope, through timber and undergrowth.

6.00 Ridge, bears N. and S.; desc. 200 ft. over SE. slope.

32.65 Drain, course SE.

39.00 Telephone line, bears NE. and SW.

39.62 The point for 1/4 sec. cor., as determined from the original bearing trees.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   $\frac{S\ 24}{S\ 25}$   
1940

from which

## Original bearing trees:

A pine, 30 ins. diam., bears north, 13 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine stump, 16 ins. diam., bears south, 5 lks. dist., mkd. S B T.

## New bearing trees:

An oak, 10 ins. diam., bears S.  $40\frac{1}{4}^{\circ}$  W., 61 lks. dist., mkd.  $\frac{1}{4}$  S 25 B T.

A pine, 7 ins. diam., bears N.  $3\frac{3}{4}^{\circ}$  W., 94 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

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

S.  $88^{\circ} 29'$  E., bet. secs. 24 and 25.

Asc. 30 ft. over W. slope, through dense second growth timber.

1.60 Graded road, bears NE. and SW.

5.00 End of ascent, thence across level top of low ridge, bears N. and S.

20.00 Desc: 35 ft. over E. slope.

24.60 Wash, 1 ch. wide, course SE.

25.90 U. S. Highway No. 66, bears generally NE. and SW.

30.00 Fence; bears NE. and SW.; pole corral bears SW., 3 chs. dist.

36.24 The closing cor. of secs. 24 and 25, on E. bdy. of Tp.

Land, rolling mountainous.

Soil, rocky, 3d and 4th rate.

Timber, yellow pine and oak; undergrowth, none.

-----  
From the cor. of secs. 23, 24, 25, and 26.

N.  $0^{\circ} 13'$  E., bet. secs. 23 and 24.

Ascend 100 ft. along SW. slope, through dense timber and undergrowth.

25.00 Top of hill bears E., 6.00 chs. dist.

33.00 Ridge, at saddle bet. hill above which bears S.  $35^{\circ}$  E., and a hill which bears N.  $5^{\circ}$  W., 6 chs. dist.; desc. 50 ft.

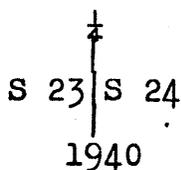
39.60 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x14x6 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



from which

Original bearing trees:

A pine, 30 ins. diam., bears S.  $11^\circ$  E., 12 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine, 30 ins. diam., bears S.  $30\frac{1}{2}^\circ$  W., 35 lks. dist., mkd.  $\frac{1}{4}$  S B T.

New bearing trees:

A pine, 18 ins. diam., bears S.  $72^\circ$  E., 85 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

An oak, 8 ins. diam., bears S.  $54^\circ$  W., 54 lks. dist., mkd.  $\frac{1}{4}$  S 23 B T.

Fence cor. bears S.  $11^\circ$  E., 12 lks. dist., from which fences extend N. and W.

Earth tank bears N.  $55^\circ$  E., 7 chs. dist.

N.  $1^\circ 19'$  W., bet. secs. 23 and 24.

Through dense second growth timber and undergrowth.

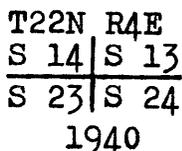
10.00 Drain, course E.; asc. 85 ft. over SE. slope.

33.00 Top of high rocky hill; spur slopes S. from hill; desc. 120 ft. over N. slope.

39.85 The cor. of secs. 13, 14, 23 and 24, as evidenced by a malpais stone, 16x16x12 ins., mkd. with 3 grooves on S. and 1 groove on E. faces, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 13, 14, 23, and 24, with brass cap mkd.



from which

Original bearing trees:

The original position of a fallen pine, 40 ins. diam., bears N.  $74\frac{1}{2}^\circ$  E., 180 lks. dist. No marks visible on tree.

A pine, 18 ins. diam., bears S.  $74\frac{1}{2}^\circ$  E., 175 lks. dist., mkd. T 22 N R 4 E S 24 B T.

A pine, 18 ins. diam., bears S.  $29\frac{1}{4}^\circ$  E., 160 lks. dist., marks overgrown.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine, 40 ins. diam., bears S.  $30^{\circ}$  W., 186 lks. dist., mkd. T 22 N R 4 E S 23 B T.

## New bearing trees:

A pine, 16 ins. diam., bears N.  $78\frac{1}{2}^{\circ}$  E., 120 lks. dist., mkd. T 22 N R 4 E S 13 B T.

A pine, 6 ins. diam., bears N.  $61\frac{1}{2}^{\circ}$  W., 121 lks. dist., mkd. T 22 N R 4 E S 14 B T.

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

Cor. is at fence cor., from which fences extend N., S., and W.

Land, rolling mountainous.

Soil, rocky, 3d and 4th rate.

Timber, yellow pine and oak; undergrowth, thorny locust.

-----  
S.  $89^{\circ} 43'$  E., bet. secs. 13 and 24.

Along N. slope, through timber.

- 4.40 Rocky spur, slopes NE.; desc. 70 ft. over SE. slope.  
9.40 Enter dry lake bed, bears N. and S.; leave timber.  
29.70 Leave dry lake bed, bears N. and S.; over gently rolling land, through timber.  
39.53 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 14x12x8 ins., mkd.  $\frac{1}{4}$  on N. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} S 13 \\ S 24 \\ 1940 \end{array}$$

from which

## Original bearing tree:

A pine, 22 ins. diam., bears N.  $56\frac{3}{4}^{\circ}$  E., 16 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I find no evidence of the original NW. bearing tree.

## New bearing trees:

A pine, 6 ins. diam., bears S.  $20^{\circ}$  E., 91 lks. dist., mkd.  $\frac{1}{4}$  S 24 B T.

A pine, 6 ins. diam., bears N.  $24\frac{1}{4}^{\circ}$  W., 59 lks. dist., mkd.  $\frac{1}{4}$  S 13 B T.

S.  $89^{\circ} 17'$  E., bet. secs. 13 and 24.

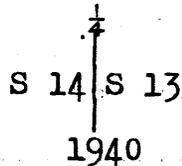
Over nearly level land, through dense timber.

- 1.00 Road, bears N. and S.  
14.00 Draw, 50 lks. wide, course SE.

Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

- 15.85 Graded road, at curve, bears NE. from SE.
- 38.39 The closing cor. of secs. 13 and 24, on E. bdy. of Tp.  
Land, rolling to nearly level:  
Soil, clay, gravelly, and rocky, 2nd, 3d, and 4th rate.  
Timber, yellow pine; undergrowth, none.
- 
- From the cor. of secs. 13, 14, 23, and 24.  
N. 0° 44' E., bet. secs. 13 and 14.  
Desc. 50 ft. over N. slope, through timber, along fence.
- 4.30 Dim road, bears NW. and E.; leave timber, bears E. and W.;  
over gently rolling land of Government Prairie.
- 9.90 Fence bears W. from N. and S. fence.
- 20.06 Fence cor. bears W., 2 lks. dist., from which fences bear  
S., E., and W. 68 lks. dist., thence N.
- 34.16 Fence, bears E. and W., 53 lks. dist. to N. and S. fence.
- 35.70 Road, bears E. and W.
- 40.04 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 12x8x8  
ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.  
At point for cor.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec.  
cor., with brass cap mkd.



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

Fence cor. bears W., 48 lks. dist., from which fences  
extend N., S., and W.

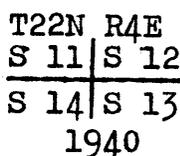
N. 0° 45' E., bet. secs. 13 and 14.

20.16 Fence, bears E. and W., 24 lks. dist. to N. and S. fence.

40.16 The cor. of secs. 11, 12, 13, and 14, as evidenced by a  
mound of stone, 3 ft. base, 1 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the  
ground, for cor. of secs. 11, 12, 13, and 14, with brass  
cap mkd.



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

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

Cor. is at fence cor., from which fences extend N.  $84^{\circ}$  E., S.  $1\frac{1}{2}^{\circ}$  W., and N.  $88\frac{1}{2}^{\circ}$  W.

Land, rolling prairie.  
Soil, gravelly and rocky, 3d and 4th rate.  
Timber, pine on S. 4 chs.; undergrowth, none.

-----  
N.  $89^{\circ} 56'$  E., bet. secs. 12 and 13.

Over level prairie.

40.15 The  $\frac{1}{4}$  sec. cor., as evidenced by a mound of stone, 3 ft. base, 1 ft. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   $\frac{S 12}{S 13}$   
1940

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

S.  $88^{\circ} 30'$  E., bet. secs. 12 and 13.

25.05 Reservoir dike, 4 ft. high, bears N. and S.

37.84 Fence, bears N. and S., along W. side of roadway.

37.87 The witness closing cor. of sec. 12 and 13.

38.28 The closing cor. of secs. 12 and 13, on E. bdy. of Tp.

Land, level prairie.  
Soil, gravelly and rocky, 3d rate.  
Timber, none; undergrowth, none.

-----  
From the cor. of secs. 11, 12, 13, and 14.

N.  $0^{\circ} 48'$  E., bet. secs. 11 and 12.

Over rolling prairie, with an occasional pine tree.

15.00 Desc. 45 ft. over NW. slope.

20.30 Fence cor.; from which fences extend S. and E.

28.20 Draw, course SW.; over gently rolling land.

40.05 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 12x10x8 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

From the cor. of secs. 1, 2, 11, and 12.

N. 1° 07' E., bet. secs. 1 and 2.

Over gently rolling prairie.

16.80 Road, bears NE. and SW.

40.07 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 10x10x6 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 2 | S 1  
 1940

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

N. 3° 07' W., bet. secs. 1 and 2.

Over gently rolling prairie.

39.50 Road, bears NW. and SE.

45.26 The cor. of secs. 1, 2, 35, and 36, on N. bdy. of Tp.

Land, rolling prairie.  
Soil, gravelly and rocky, 3d rate.  
Timber, none; undergrowth, none.

-----  
From the cor. of secs. 2, 3, 34, and 35, on S. bdy. of Tp.; described in the field notes of the N. bdy. of T. 21 N., R. 4 E., resurveyed under this group.

N. 0° 36' E., bet. secs. 34 and 35.

Over rolling land.

4.00 Old road, bears NE. and SW.

5.00 Drain, course W.; asc. 130 ft. over S. slope.

16.00 Leave open land, enter timber, bears E. and W.

30.00 Top of ascent, thence over gently rolling land.

39.88 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x10x6 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

$$\begin{array}{c} \dagger \\ \text{S } 34 \mid \text{S } 35 \\ 1940 \end{array}$$

from which

## Original bearing trees:

The original position of a fallen pine, 24 ins. diam., bears S.  $87\frac{3}{4}^{\circ}$  W., 209 lks. dist. Tree is mkd.  $\frac{1}{4}$  S B.

A pine, 16 ins. diam., bears N.  $55\frac{1}{2}^{\circ}$  W., 125 lks. dist., marks overgrown.

## New bearing trees:

A juniper, 5 ins. diam., bears N.  $31\frac{3}{4}^{\circ}$  E., 600 lks. dist., mkd.  $\frac{1}{4}$  S. 35 B T.

A juniper, 12 ins. diam., bears N.  $49^{\circ}$  W., 246 lks. dist., mkd.  $\frac{1}{4}$  S 34 B T.

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

N.  $0^{\circ} 23'$  W., bet. secs. 34 and 35.

Over nearly level land, through scattering timber.

27.70 Old road, bears NE. and SW.

28.90 Old road, bears NE. and SW.

38.39 Right-of-way fence, parallels railroad.

40.00 Atchison, Topeka, & Santa Fe Railroad, two tracks, bears N.  $79^{\circ}$  E. and S.  $79^{\circ}$  W.; two pole lines (telephone or telegraph lines) parallel railroad.

40.61 The point for the cor. of secs. 26, 27, 34, and 35, determined by the method of double proportion.

Set a stone,  $4 \times 3 \times 3$  ins., mkd. with a cross (+), 18 ins. below the surface of the ground, for cor. of secs. 26, 27, 34, and 35.

Cor. is at N. toe of slope of railroad roadbed.

At a point N.  $1^{\circ} 18'$  E.; 93 lks. dist.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for witness cor. of secs. 26, 27, 34, and 35, with brass cap mkd.

$$\begin{array}{c} \text{T22N R4E} \\ \text{S } 27 \mid \text{S } 26 \\ \hline \text{S } 34 \mid \text{S } 35 \\ \text{W C} \\ 1940 \end{array}$$

from which

A pine, 5 ins. diam., bears N.  $54^{\circ}$  E., 101 lks. dist., mkd. W C T 22 N R 4 E S 26 B T.

A pine, 14 ins. diam., bears S.  $17\frac{1}{2}^{\circ}$  E., 297 lks. dist., mkd. W C T 22 N R 4 E S 35 B T.

A pine, 10 ins. diam., bears S.  $45\frac{1}{4}^{\circ}$  W., 600 lks. dist., mkd. W C T 22 N R 4 E S 34 B T.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine, 6 ins. diam., bears N.  $38\frac{1}{2}^{\circ}$  W., 127 lks. dist., mkd. W C T 22 N R 4 E S 27 B T.

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

Land, rolling and nearly level.

Soil, rocky, 3d and 4th rate.

Timber, yellow pine and oak; undergrowth, none.

-----  
S.  $78^{\circ} 46'$  E., bet. secs. 26 and 35.

Over rolling land, through scattering timber.

1.60 A. T. & S. F. R. R., two tracks, bears N.  $79^{\circ}$  E. and S.  $79^{\circ}$  W.

15.00 Desc. 70 ft. over SE. slope.

19.50 Old road, bears NE, and SW.

28.70 Graded road, bears N.  $40^{\circ}$  E. and S.  $40^{\circ}$  W.

30.00 Drain, course S.  $30^{\circ}$  W.; asc. 50 ft. over SW. slope.

42.75 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 10x8x8 ins., mkd.  $\frac{1}{4}$  on N. face, set in a mound of stone.

At point for cor.

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

$\frac{1}{4}$   $\frac{S\ 26}{S\ 35}$   
1940

from which

Old bearing trees:

A pine, 20 ins. diam., bears N.  $28\frac{1}{2}^{\circ}$  E., 38 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine, 22 ins. diam., bears S.  $64\frac{1}{4}^{\circ}$  W., 31 lks. dist., mkd.  $\frac{1}{4}$  S B T.

New bearing trees:

A juniper, 8 ins. diam., bears S.  $20^{\circ}$  W., 160 lks. dist., mkd.  $\frac{1}{4}$  S 35 B T.

A pine, 12 ins. diam., bears N.  $11\frac{3}{4}^{\circ}$  W., 158 lks. dist., mkd.  $\frac{1}{4}$  S 26 B T.

The townsite of Maine bears N., about 15 chs. dist.

S.  $89^{\circ} 12'$  E., bet. secs. 26 and 35.

Over gently rolling land, through scattering timber.

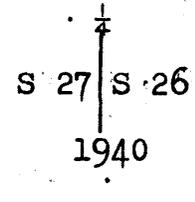
21.20 Forest Service telephone line, bears N. and S.  $30^{\circ}$  E.

33.80 Rimrock, bears N. and S.; desc. 40 ft.

36.00 Drain, 20 lks. wide, course S.; asc. 40 ft.

36.90 Old road, bears N. and S.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains	
40.00	The cor. of secs. 25, <del>26</del> , 35, and 36.
	Land, rolling. Soil, rocky, 4th rate. Timber, yellow pine and oak; undergrowth, 2nd growth pine.
	-----
	From the cor. of secs. 26, 27, 34, and 35.
	N. 1° 18' E., bet. secs. 26 and 27.
	Over rolling land, through scattering timber.
0.90	Railroad right-of-way fence, bears N. 79° E. and S. 79° W.
0.93	The witness cor. of secs. 26, 27, 34, and 35.
34.00	Enter reservoir, 8 chs. long, in wash, course SW.
39.00	Leave reservoir.
40.62	The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 12x12x8 ins., mkd. $\frac{1}{4}$ on W. face, firmly set in ground, with a mound of stone alongside.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with old cor. stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	<div style="text-align: center;">  </div>
	Probable old bearing trees:
	A pine stump, 34 ins. diam., bears N. 73° E., 2 lks. dist., no marks visible.
	Decayed pieces of a pine stump bear N. 56 $\frac{1}{2}$ ° W., 49 lks. dist., no marks visible.
	New bearing trees:
	A pine, 10 ins. diam., bears N. 63 $\frac{1}{2}$ ° E., 81 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.
	A pine, 14 ins. diam., bears S. 47 $\frac{1}{2}$ ° W., 339 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.
	A house bears S. 51 $\frac{1}{2}$ ° W., 14.20 chs. dist.
	A house bears N. 77 $\frac{1}{2}$ ° W., 12.30 chs. dist.
	Parks post office bears N. 30° W., 7.00 chs. dist.
	N. 0° 03' E., bet. secs. 26 and 27.
	Over gently rolling land, through timber.
1.50	Forest Service camp grounds, at Parks, bears E., 2 chs. dist.
3.40	Ten wire telephone line, bears S. 80° E. and N. 80° W.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

- 5.05 U. S. Highway No. 66, bears E. and W.; from a point W., 4 chs. dist., the old Grand Canyon Highway bears N.
- 9.00 Old road, bears E. and W.
- 20.00 Drain, course S. 10° E.
- 23.70 Maine Consolidated School bears S. 65½° W., 10.70 chs. dist.
- 39.73 The cor. of secs. 22, 23, 26, and 27, as evidenced by a malpais stone, 15x14x10 ins., mkd. with 2 grooves on S. and 2 grooves on E. faces, firmly set in ground, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, with old cor. stone buried alongside, and in a mound of stone, 4 ft. base, to top, for cor. of secs. 22, 23, 26, and 27, with brass cap mkd.

T22N R4E	
S 22	S 23
S 27	S 26

1940

from which

Old bearing trees:

A pine stump, bears N. 60½° E., 95 lks. dist., no marks visible.

A pine stump, bears S. 26° E., 64 lks. dist., no marks visible.

A pine, 30 ins. diam., bears S. 67¾° W., 116 lks. dist., mkd. T 22 N R, other marks illegible.

I find no evidence of an old NW. bearing tree.

New bearing trees:

A pine, 6 ins. diam., bears N. 22¾° E., 63 lks. dist., mkd. T 22 N R 4 E S 23 B T.

A pine, 6 ins. diam., bears S. 77¼° E., 56 lks. dist., mkd. T 22 N R 4 E S 26 B T.

A pine, 8 ins. diam., bears S. 39½° W., 139 lks. dist., mkd. T 22 N R 4 E S 27 B T.

A pine, 6 ins. diam., bears N. 21½° W., 68 lks. dist., mkd. T 22 N R 4 E S 22 B T.

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, yellow pine and oak; undergrowth, scrub timber.

---

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

S. 75° 36' E., bet. secs. 23 and 26.

Over rolling land, through timber and undergrowth.

8.00 Drain, course SW.; asc. 60 ft. over W. slope.

43.81 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 20x16x8 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

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

$$\frac{1}{4} \frac{S 23}{S 26}$$

1940

from which

Old bearing trees:

The original position of a fallen pine bears S. 89° E., 142 lks. dist. Tree is mkd.  $\frac{1}{4}$  S B T.

A pine, 30 ins. diam., bears N. 15° W., 186 lks. dist., mkd.  $\frac{1}{4}$  S B T.

New bearing trees:

A pine, 16 ins. diam., bears S. 11½° W., 165 lks. dist., mkd.  $\frac{1}{4}$  S 26 B T.

A pine, 12 ins. diam., bears N. 34° W., 463 lks. dist., mkd.  $\frac{1}{4}$  S 23 B T.

Raise a mound of stone, 2½ ft. base, 2 ft. high, N. of cor.

N. 88° 28' E., bet. secs. 23 and 26.

Over rolling land, through timber.

6.60 Spur, slopes S. 30° W.

21.30 Old road, bears N. 30° E., about 20 chs. dist., to a cinder pit, and S. 30° W.

28.80 Head of draw, course SW.; asc. 110 ft. over W. slope.

33.00 Old road, bears N. and S.

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and oak; undergrowth, scrub timber.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

From the cor. of secs. 22, 23, 26, and 27.

N.  $0^{\circ} 03'$  W., bet. secs. 22 and 23.

Over rolling land, through timber and undergrowth.

40.11 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 14x10x6 ins., mkd.  $\frac{1}{4}$  on W. face; set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with old cor. stone buried alongside, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 22 \mid \text{S } 23 \\ | \\ 1940 \end{array}$$

from which

Original bearing tree:

A pine, 40 ins. diam., bears N.  $25\frac{1}{2}^{\circ}$  W., 37 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I find no evidence of the original SE. bearing tree.

New bearing trees:

A pine, 6 ins. diam., bears N.  $22\frac{1}{4}^{\circ}$  E., 112 lks. dist., mkd.  $\frac{1}{4}$  S 23 B T.

A pine, 8 ins. diam., bears S.  $84^{\circ}$  W., 56 lks. dist., mkd.  $\frac{1}{4}$  S 22 B T.

John Morgan's house bears N.  $51\frac{3}{4}^{\circ}$  E., 32.50 chs. dist.

N.  $0^{\circ} 10'$  E., bet. secs. 22 and 23.

19.80 Old Grand Canyon Highway, bears S.  $6\frac{1}{2}^{\circ}$  W. and N.  $6\frac{1}{2}^{\circ}$  E.

39.84 The cor. of secs. 14, 15, 22, and 23, as evidenced by a fence cor., from which fences extend S. and W. This fence cor. is said to occupy the position of the original corner by Max Wimmer and John Morgan, adjacent property owners.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, with brass cap mkd.

$$\begin{array}{c} \text{T22N R4E} \\ \text{S } 15 \mid \text{S } 14 \\ \hline \text{S } 22 \mid \text{S } 23 \\ 1940 \end{array}$$

from which

A pine, 6 ins. diam., bears N.  $29\frac{3}{4}^{\circ}$  E., 539 lks. dist., mkd. T 22 N R 4 E S 14 B T.

A pine, 5 ins. diam., bears S.  $83^{\circ}$  E., 331 lks. dist., mkd. T 22 N R 4 E S 23 B T.

A pine, 6 ins. diam., bears S.  $45^{\circ}$  W., 349 lks. dist., mkd. T 22 N R 4 E S 22 B T.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A. pine, 8 ins. diam., bears N.  $36\frac{1}{2}^{\circ}$  W., 677 lks. dist., mkd. T 22 N R 4 E S 15 B T.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and oak; undergrowth, 2nd growth timber.

-----  
S.  $80^{\circ} 08'$  E., bet. secs. 14 and 23.

Over rolling land of Government Prairie, through scattering young pine timber.

- 0.60 Old Grand Canyon Highway, bears S.  $\frac{1}{2}^{\circ}$  W. and N.  $27\frac{1}{2}^{\circ}$  E.  
7.00 Asc. 50 ft. over W. slope.  
10.00 Top of ascent; thence over rolling land.  
13.07 A cabin bears N.  $42^{\circ}$  E., 17.00 chs. dist.  
20.88 NW. cor. of cultivated field.  
42.09 The  $\frac{1}{4}$  sec. cor., as evidenced by a mound of stone, 3 ft. base, 8 ins. high.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S 14}{S 23}$$

1940

from which

A. pine, 6 ins. diam., bears N.  $31^{\circ}$  E., 433 lks. dist., mkd.  $\frac{1}{4}$  S 14 B T.

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

Cor. is under fence, bears N.  $80^{\circ}$  W. and S.  $86^{\circ}$  E.

S.  $85^{\circ} 34'$  E., bet. secs. 14 and 23.

Over rolling prairie land.

- 20.24 NE. cor. of cultivated field.  
20.30 Enter timber, bears N. and S.; asc. 35 ft. over W. slope.  
27.00 Low spur, slopes N.; thence over gently rolling land.  
39.83 The cor. of secs. 13, 14, 23, and 24.

Land, rolling prairie.

Soil, rocky, 3d and 4th rate.

Timber, pine; undergrowth, none.  
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Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

N. 89° 41' E., bet. secs. 11 and 14..

Over gently rolling prairie.

0.45 The witness cor. of secs. 10, 11, 14, and 15.

10.30 House owned by Roy Hancock bears N., 4.50 chs. dist,

39.20 The  $\frac{1}{4}$  sec. cor., as evidenced by a fence cor., from which fences extend N., S., E., and W. Mr. Robert Curry, a property owner in sec. 3, states that this fence cor. occupies the position of the original cor. A malpais stone, 10x8x8 ins., mkd.  $\frac{1}{4}$ , was found lying nearby.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the mkd. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   $\frac{S\ 11}{S\ 14}$   
1940

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

N. 89° 38' E., bet. secs. 11 and 14.

Over rolling prairie.

18.43 Vacant house bears S., 5.70 chs. dist.

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

Land, gently rolling.  
Soil, rocky, 3d and 4th rate.  
Timber, none; undergrowth, none.

-----  
From the cor. of secs. 10, 11, 14, and 14.

N. 0° 10' E., bet. secs. 10 and 11.

Over nearly level land, along old Grand Canyon Highway.

40.00 The point for  $\frac{1}{4}$  sec. cor., on center line of old Grand Canyon Highway and on line of fences which bear E. and W. This is accepted as being the best available evidence of the position of the original corner.

Set a malpais stone, 5x3x3 ins., mkd. with a cross (+), 12 ins. below the surface of the ground, for  $\frac{1}{4}$  sec. cor.

A house owned by Mrs. Wright bears S. 77 $\frac{1}{4}$ ° W., 29.50 chs. dist.

At a point W., 48 iks. dist.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
S 10 | S 11 WC  
1940

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

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

North, bet. secs. 10 and 11.

Over gently rolling land, along old Grand Canyon Highway.

18.00 Low ridge, bears E. and W.

19.90 Leave highway, bears S. and N.  $3^{\circ}$  W.

29.60 Highway bears W., 50 lks. dist., from which a road bears W. to Pittman Valley, N-E Spring, and Scurlock Ranch.

39.93 The cor. of secs. 2, 3, 10, and 11, as evidenced by a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, with brass cap mkd.

T22N R4E	
S 3	S 2
<hr/>	
S 10	S 11
1940	

from which

A pine, 5 ins. diam., bears N.  $28\frac{1}{4}^{\circ}$  E., 372 lks. dist., mkd. T 22 N R 4 E S 2 B T.

A pine, 16 ins. diam., bears S.  $1^{\circ}$  E., 6.57 chs. dist., mkd. T 22 N R 4 E S 11 B T.

A pine, 6 ins. diam., bears S.  $50\frac{1}{4}^{\circ}$  W., 10.33 chs. dist., mkd. T 22 N R 4 E S 10 B T.

A pine, 5 ins. diam., bears N.  $34\frac{1}{4}^{\circ}$  W., 5.47 chs. dist., mkd. T 22 N R 4 E S 3 B T.

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

Land, gently rolling prairie.  
Soil, rocky, 3d and 4th rate.  
Timber, none; undergrowth, none.

-----  
N.  $89^{\circ} 19'$  E., bet. sees. 2 and 11.

Over gently rolling prairie.

39.86 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x10x10 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

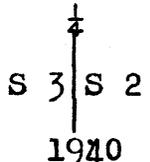
At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$	S 2
	<hr/>
	S 11
	1940

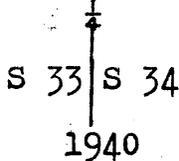
rebuild mound  
of stone, 3 ft. base, 2 ft. high, N. of cor.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains	
	N. 89° 41' E., bet. secs. 2 and 11.
5.00	Natural rock mound, 1 ch. diam.
20.00	Road, bears NE. and SW.
40.04	The cor. of secs. 1, 2, 11, and 12.
	Land, gently rolling. Soil, rocky, 3d and 4th rate. Timber, none; undergrowth, none.
-----	
	From the cor. of secs. 2, 3, 10, and 11.
	N. 0° 46' E., bet. secs. 2 and 3.
	Over rolling prairie.
25.00	Drain, 20 lks. wide, course SW.
30.10	Old Grand Canyon Highway, bears N. and S. 1° W.
40.03	The point for $\frac{1}{4}$ sec. cor., on the center line of the old Grand Canyon Highway, and 50 lks. E. of an iron pipe, 1 in. diam., 6 ins. above ground. Robert Curry, adjacent property owner, states that his father buried the original mkd. stone, in its true position, below the surface of the road, and set the iron pipe at a point W., 50 lks. dist., for witness cor. I find no evidence of the mkd. stone, which has probably been removed by grading operations.
	Set a malpais stone, 5x3x3 ins., mkd. with a cross (+), 12 ins. below the surface of the ground, for $\frac{1}{4}$ sec. cor.
	At a point W., 50 lks. dist.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the iron pipe alongside, for witness $\frac{1}{4}$ sec. cor.; with brass cap mkd.
	
	from which
	A pine, 6 ins. diam., bears N. 30 $\frac{1}{4}$ ° E., 364 lks. dist., mkd. W C $\frac{1}{4}$ S 2 B T.
	A pine, 8 ins. diam., bears S. 35 $\frac{3}{4}$ ° W., 481 lks. dist., mkd. W C $\frac{1}{4}$ S 3 B T.
	Raise a mound of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high, W. of cor.
	N. 3° 24' W., bet. secs. 2 and 3.
	Over rolling prairie, along old highway.
5.50	Leave old highway, bears southerly and N. 2° E.
16.65	House owned by Robert Curry bears W., 9.05 chs. dist.
19.00	Reservoir, 80 ft. long, 30 ft. wide, bears E., 260 lks. dist.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

- 21.15 Well, bears W., 130 lks. dist.
- 31.45 Leave Government Prairie; enter timber, bears NE. and SW.
- 46.45 The cor. of secs. 2, 3, 34, and 35, on N. bdy. of Tp.  
Land, rolling.  
Soil, rocky, 3d and 4th rate.  
Timber, yellow pine; undergrowth, none.
- 
- From the cor. of secs. 3, 4, 33, and 34, on S. bdy. of Tp.; described in the field notes of the N. bdy. of T. 21 N., R. 4 E., resurveyed under this group.
- N. 5° 14' W., bet. secs. 33 and 34.  
Over gently rolling land, through scattering timber.
- 36.18 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 10x10x6 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone N. of cor.  
At point for cor.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.
- 

S 33 | S 34  
1940
- from which
- A pine, 30 ins. diam., bears N. 83° E., 7.42 chs. dist., mkd.  $\frac{1}{4}$  S 34 B T.
- A pine, 14 ins. diam., bears N. 77 $\frac{3}{4}$ ° E., 7.21 chs. dist., mkd.  $\frac{1}{4}$  S 34 B T.
- Rebuild mound of stone, 3 $\frac{1}{2}$  ft. base, 2 $\frac{1}{2}$  ft. high, W. of cor.
- N. 1° 55' E., bet. secs. 33 and 34.  
Over rolling land, through very scattering timber.
- 5.00 Asc. 35 ft. over SW. slope.
- 15.00 Spur, slopes W.; descend slightly.
- 20.00 Drain, course SW.; asc. 65 ft. over SE. slope.
- 25.00 A. T. & S. F. R. R., two tracks, on curve concave to SE.; two pole lines (telephone or telegraph lines), parallel railroad.
- 40.70 Fence, bears N. 40° E. and SW.
- 41.04 The cor. of secs. 27, 28, 33, and 34, as evidenced by a malpais stone, 18x12x10 ins., mkd. with 1 groove on S. and 3 grooves on E. faces, set in a mound of stone.  
At point for cor.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 27, 28, 33, and 34, with brass cap mkd.

T22N R4E	
S 28	S 27
S 33	S 34
1940	

from which

A pine, 5 ins. diam., bears N.  $1\frac{1}{4}^{\circ}$  E., 360 lks. dist., mkd. B T.

A pine, 6 ins. diam., bears S.  $17^{\circ}$  E., 432 lks. dist., mkd. T 22 N R 4 E S 34 B T.

A pine, 6 ins. diam., bears S.  $78\frac{1}{2}^{\circ}$  W., 593 lks. dist., mkd. T 22 N R 4 E S 33 B T.

A pine, 5 ins. diam., bears N.  $36^{\circ}$  W., 550 lks. dist., mkd. B T.

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

Land, rolling.

Soil, rocky, 3d and 4th rate.

Timber, yellow pine; undergrowth, none.

-----  
N.  $89^{\circ} 12'$  E., bet. secs. 27 and 34.

Over rolling land, through scattering young pine timber.

0.48 Fence, bears N.  $40^{\circ}$  E. and S.  $40^{\circ}$  W.

15.00 Desc. 40 ft. over SE. slope; enter dense timber.

35.20 Drain, 30 lks. wide, course S.

39.78 Fence, bears N. and S.

39.98 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 14x10x3 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with old cor. stone buried alongside, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$	S 27
	S 34
	1940

from which

Original bearing tree:

A pine, 45 ins. diam., bears S.  $20^{\circ}$  W., 64 lks. dist., marks overgrown.

I find no evidence of the original SW. bearing tree.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

New bearing trees:

A pine, 8 ins. diam., bears N.  $31\frac{1}{2}^{\circ}$  E., 52 lks. dist., mkd.  $\frac{1}{4}$  S 27 B T.

A pine, 8 ins. diam., bears S.  $52\frac{1}{4}^{\circ}$  E., 40 lks. dist., mkd.  $\frac{1}{4}$  S 34 B T.

N.  $85^{\circ} 59'$  E., bet. secs. 27 and 34.

5.00 Leave dense timber, bears NE. and SW.; thence through scattering timber.

35.85 Fence, bears N.  $79^{\circ}$  E. and S.  $79^{\circ}$  W.

38.75 Telegraph line, bears N.  $79^{\circ}$  E. and S.  $79^{\circ}$  W.

42.13 The cor. of secs. 26, 27, 34, and 35:

Land, rolling.

Soil, rocky, 4th rate.

Timber, yellow pine; undergrowth, none.

-----  
From the cor. of secs. 27, 28, 33, and 34.

N.  $0^{\circ} 18'$  W., bet. secs. 27 and 28.

Over nearly level land.

0.60 Old highway, bears NE. and SW.

3.50 Telephone line, bears N.  $37\frac{1}{2}^{\circ}$  E. and S.  $64\frac{1}{2}^{\circ}$  W.

24.50 Road, bears E. and W.

38.93 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 16x14x6 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, and a glass bottle deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 28 | S 27  
 1940

from which

A pine, 8 ins. diam., bears N.  $67\frac{1}{4}^{\circ}$  E., 54 lks. dist., mkd.  $\frac{1}{4}$  S 27 B T.

A pine, 8 ins. diam., bears N.  $73\frac{1}{2}^{\circ}$  W., 275 lks. dist., mkd.  $\frac{1}{4}$  S 28 B T.

Simpson's house bears S.  $44\frac{1}{2}^{\circ}$  W., 19.40 chs. dist.

Mc Millen's house bears N.  $72^{\circ}$  E., 22.70 chs. dist.

Gleason's house bears N.  $28\frac{1}{2}^{\circ}$  E., 13.20 chs. dist., from which a second house bears N.  $15^{\circ}$  E., about 5 chs. dist.

N.  $1^{\circ} 55'$  E., bet. secs. 27 and 28.

Over nearly level land, through scattering small pine timber.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

- 0.02 Fence, bears E. and W.
- 7.70 Highway right-of-way fence, parallels highway.
- 8.80 U. S. Highway No. 66, at curve, course N.  $69\frac{3}{4}^{\circ}$  W. and N.  $88\frac{1}{4}^{\circ}$  E.
- 9.10 Fireside Service Station bears W., 30 lks. dist., from which Fireside Inn bears N.  $70^{\circ}$  W., 2 chs. dist.
- 21.60 Drain, 1 ch. wide, course SW.
- 40.05 The cor. of secs. 21, 22, 27, and 28, as evidenced by a malpais stone, 18x10x2 ins., mkd. with 2 grooves on S. and 3 grooves on E. faces, set in a mound of stone.
- At point for cor.
- Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone set alongside, for cor. of secs. 21, 22, 27, and 28, with brass cap mkd.
- |          |      |
|----------|------|
| T22N R4E |      |
| S 21     | S 22 |
| S 28     | S 27 |
| 1940     |      |
- from which
- Original bearing trees:
- A pine, 48 ins. diam., bears N.  $41\frac{1}{2}^{\circ}$  E., 215 lks. dist., mkd. T 22 N R 4 E S 22 B T.
- A pine, 40 ins. diam., bears S.  $83^{\circ}$  W., 235 lks. dist., mkd. T 22 N R 4 E S 28 B T.
- A pine, 36 ins. diam., bears N.  $78\frac{3}{4}^{\circ}$  W., 179 lks. dist., marks overgrown.
- New bearing trees:
- A pine, 8 ins. diam., bears N.  $50\frac{1}{4}^{\circ}$  E., 44 lks. dist., mkd. T 22 N R 4 E S 22 B T.
- A pine, 8 ins. diam., bears S.  $51^{\circ}$  E., 18 lks. dist., mkd. T 22 N R 4 E S 27 B T.
- A pine, 10 ins. diam., bears S.  $62^{\circ}$  W., 70 lks. dist., mkd. T 22 N R 4 E S 28 B T.
- Cor. is alongside of fence cor., from which fences extend S. and irregularly E.
- A house bears S.  $52\frac{3}{4}^{\circ}$  E., 21.80 chs. dist.
- Land, nearly level.  
Soil, rocky, 3d and 4th rate.  
Timber, yellow pine; undergrowth, none.
- 
- N.  $81^{\circ} 07'$  E., bet. secs. 22 and 27.
- Over rolling land, through timber.
- 3.80 Road, bears NW. and SE.
- 20.00 Spur, slopes S.  $40^{\circ}$  E.; desc. 65 ft.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

22.60 Wash, 2 chs. wide, course SE.; asc. 15 ft.

30.15 Low ridge, bears N. and S.; over rolling land.

36.80 Leave timber, bears N. and S.

42.29 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 20x10x8 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground.

At point for cor.

Set an iron post,  $\frac{3}{4}$  ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap. mkd.

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

1940

from which

Probable old bearing tree:

A charred pine stump bears S.  $4\frac{1}{2}^{\circ}$  W., 45 lks. dist., no marks visible.

I find no evidence of other old bearing trees.

New bearing trees:

A pine, 16 ins. diam., bears S.  $77\frac{1}{4}^{\circ}$  W., 152 lks. dist., mkd.  $\frac{1}{4}$  S 27 B T.

A pine, 20 ins. diam., bears N.  $8\frac{1}{2}^{\circ}$  W., 287 lks. dist., mkd.  $\frac{1}{4}$  S 22 B T.

S.  $87^{\circ} 45'$  E., bet. secs. 22 and 27.

Over gently rolling land.

9.00 Enter timber, bears N. and S.

15.50 Low spur, slopes S.

20.20 Road, bears NW. and SE.

34.60 Old Grand Canyon Highway, bears N. and S.

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

Land, rolling.

Soil, gravelly and rocky, 3d and 4th rate.

Timber, yellow pine; undergrowth, none.

-----  
From the cor. of secs. 21, 22, 27, and 28.

N.  $0^{\circ} 51'$  E., bet. secs. 21 and 22.

Over rolling land, through timber.

3.20 Road, bears N.  $10^{\circ}$  W. and SE.

6.90 Drain, 10 lks. wide, course SE.; asc. 120 ft. over SW. slope.

20.00 Spur, slopes W.; desc. 50 ft. over NW. slope.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

31.00 Wash, 6 lks. wide, course SW.; asc. 60 ft. over SW. slope.

39.69 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x10x6 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 21 | S 22  
 1940

from which

## Original bearing tree:

An oak, 14 ins. diam., bears N. 14° W., 68 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I find no evidence of the original NW. bearing tree.

## New bearing trees:

A pine, 10 ins. diam., bears N. 75 $\frac{1}{2}$ ° E., 16 lks. dist., mkd.  $\frac{1}{4}$  S 22 B T.

A pine, 10 ins. diam., bears S. 38 $\frac{1}{2}$ ° W., 27 lks. dist., mkd.  $\frac{1}{4}$  S 21 B T.

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

N. 2° 12' E., bet. secs. 21 and 22.

Asc. 25 ft. over SW. slope.

6.50 Spur, slopes NW. from top of hill which bears SE., 5 chs. dist.; desc. 115 ft. over NW. slope.

17.00 Drain, 8 lks. wide, course S. 70° W. from S. 65° E.; asc. 120 ft. over SW. slope.

23.00 Rocky rim, bears NW. and SE.

40.46 The cor. of secs. 15, 16, 21, and 22, as evidenced by a malpais stone, 14x12x10 ins., mkd. with 3 grooves on S. and 3 grooves on E. faces, firmly set in ground, with a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, over a cross (+) mkd. on bedrock, with the old cor. stone buried alongside, and in a mound of stone, 4 ft. base, to top, for cor. of secs. 15, 16, 21, and 22, with brass cap mkd.

T22N R4E  
 S 16 | S 15  
 S 21 | S 22  
 1940

from which

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

## Original bearing trees:

A pine, 18 ins. diam., bears S.  $34\frac{1}{2}^{\circ}$  E., 120 lks. dist., marks overgrown.

A pine, 20 ins. diam., bears S.  $79\frac{1}{2}^{\circ}$  W., 51 lks. dist., marks overgrown.

A pine, 14 ins. diam., bears N.  $43^{\circ}$  W., 50 lks. dist., marks overgrown.

I find no evidence of the original NE. bearing tree.

## New bearing tree:

A pine, 8 ins. diam., bears N.  $37^{\circ}$  E., 75 lks. dist., mkd. T 22 N R 4 E S 15 B T.

Land, rolling.

Soil, rocky, 4th rate.

Timber, yellow pine and white oak; undergrowth, none.

-----  
N.  $85^{\circ} 23'$  E., bet. secs. 15 and 22.

Asc. 25 ft. over SW. slope, through timber.

16.40 Ridge, bears NE. and SW.; desc. 20 ft. over SE. slope.

25.50 Drain, 8 lks. wide, course S.  $5^{\circ}$  E.; asc. 25 ft. over SW. slope.

29.30 Spur, slopes S.  $20^{\circ}$  E. from top of hill which bears N.  $20^{\circ}$  W., about 8 chs. dist.; desc. 50 ft. over SE. slope.

40.38 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 12x8x8 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   $\frac{S 15}{S 22}$   
1940

from which

## New bearing trees:

A pine, 12 ins. diam., bears N.  $34^{\circ}$  E., 36 lks. dist., mkd.  $\frac{1}{4}$  S 15 B T.

A pine, 14 ins. diam., bears S.  $30\frac{3}{4}^{\circ}$  E., 60 lks. dist., mkd.  $\frac{1}{4}$  S 22 B T.

I find no evidence of the original bearing trees.

N.  $87^{\circ} 47'$  E., bet. secs. 15 and 22.

Desc. 95 ft. over SE. slope, through scattering timber.

7.80 Fence, bears NE. and SW.

8.50 Drain, 20 lks. wide, course S.  $20^{\circ}$  W.; thence over rolling land.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains	
14.50	Road, bears SW. and E..
40.01	The cor. of secs. 14, 15, 22, and 23.
	Land, rolling. Soil, rocky, 4th rate. Timber, yellow pine, white oak, and juniper; undergrowth, none.
	-----
	From the cor. of secs. 15, 16, 21, and 22.
	N. 1° 25' E., bet. secs. 15 and 16.
	Over rolling land, through timber.
3.60	Drain, 6 lks. wide, course SW.
15.20	Spur, slopes SW.
19.70	Ridge, bears NW. and SE.
40.01	The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 20x12x12 ins., mkd. $\frac{1}{4}$ on W. face, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, W. of cor.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\   \\ \text{S } 16 \text{   S } 15 \\   \\ 1940 \end{array}$ <p style="text-align: right;">from which</p>
	Original bearing trees:
	A pine, 20 ins. diam., bears N. 54 $\frac{1}{2}$ ° E., 63 lks. dist., marks overgrown.
	A pine, 14 ins. diam., bears S. 52° W., 32 lks. dist., marks overgrown.
	New bearing tree:
	A pine, 10 ins. diam., bears N. 37 $\frac{1}{2}$ ° W., 42 lks. dist., mkd. $\frac{1}{4}$ S 16·B T.
	N. 5° 11' E., bet. secs. 15 and 16.
	Ascend 40 ft., through timber.
6.50	Spur, slopes E.; desc. 25 ft. over NE. slope.
9.40	Drain, course E.; asc. 60 ft. over SE. slope.
19.40	Spur, slopes E.; desc. 180 ft. over NE. slope.
34.32	The cor. of secs. 9, 10, 15, and 16, as evidenced by a malpais stone, 12x10x8 ins., mkd. with 4 grooves on S. and 3 grooves on E. faces, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, W. of cor.
	At point for cor.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 9, 10, 15, and 16, with brass cap mkd.

$$\begin{array}{r} \text{T22N R4E} \\ \text{S } 9 \mid \text{S } 10 \\ \hline \text{S } 16 \mid \text{S } 15 \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine, 18 ins. diam., bears N.  $26\frac{3}{4}^{\circ}$  E., 6 lks. dist., marks overgrown.

A pine, 16 ins. diam., bears S.  $62\frac{1}{2}^{\circ}$  W., 88 lks. dist., mkd. T 22 N R 4 E S 16 B T.

A pine, 18 ins. diam., bears N.  $33\frac{1}{2}^{\circ}$  W., 70 lks. dist., marks overgrown.

I find no evidence of the original SE. bearing tree.

## New bearing trees:

A pine, 16 ins. diam., bears S.  $26\frac{1}{4}^{\circ}$  E., 27 lks. dist., mkd. T 22 N R 4 E S 15 B T.

A pine, 12 ins. diam., bears S.  $36^{\circ}$  W., 9 lks. dist., mkd. T 22 N R 4 E S 16 B T.

Land, rolling.

Soil, rocky, 4th rate.

Timber, yellow pine, oak, and juniper; undergrowth, none.

-----  
S.  $89^{\circ} 58'$  E., bet. secs. 10 and 15.

Over rolling land, through timber.

- 4.60 Drain, course S.  $40^{\circ}$  E.  
 15.00 Low spur, slopes SE.  
 20.00 Leave timber, bears NE. and SE.  
 24.00 Drain, course SE.  
 25.00 Reservoir dam, 5 chs. long, bears south, 14 chs. dist.  
 29.00 Drain, course S., 40 lks. wide.  
 35.20 Same drain, course NW.  
 38.99 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 8x8x6 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} \text{S } 10 \\ \text{S } 15 \\ 1940 \end{array}$$

from which

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine, 8 ins. diam., bears S.  $12\frac{1}{2}^{\circ}$  E., 297 lks. dist., mkd.  $\frac{1}{4}$  S 15 B T.

A pine, 6 ins. diam., bears N.  $30\frac{1}{4}^{\circ}$  W., 380 lks. dist., mkd.  $\frac{1}{4}$  S 10 B T.

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

A spring of good water bears S.  $35\frac{1}{2}^{\circ}$  W., 30.40 chs. dist. Concrete and stone storage tank, 6x6 ft., 6 ft. high, is near spring.

S.  $89^{\circ} 51'$  E., bet. secs. 10 and 15.

Over nearly level land, through scattering timber.

0.80 Drain, 50 lks. wide, course SW.

5.00 Rocky rise, 10 ft. high, bears N. and S.; thence across open prairie.

9.60 Road, bears E. and SW.

39.72 Fence, bears N. and S., along W. side of old Grand Canyon Highway.

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

Land, rolling and level.

Soil, rocky, 4th rate.

Timber, first and second growth pine; undergrowth, none.

-----  
From the cor. of secs. 9, 10, 15, and 16.

N.  $0^{\circ} 03'$  W., bet. secs. 9 and 10.

Over rolling land, through timber.

4.60 Drain, 30 lks. wide, course SE.

10.00 Low spur, slopes SE.

17.10 Drain, 20 lks. wide, course S.  $70^{\circ}$  E.

35.00 Drain, course SW.

39.96 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 14x8x8 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 9 | S 10  
 1940

from which

Original bearing trees:

A pine, 16 ins. diam., bears S.  $25\frac{1}{2}^{\circ}$  E., 45 lks. dist., marks overgrown.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine stump bears N. 59° W., 55 lks. dist., no marks visible.

## New bearing trees:

A pine, 14 ins. diam., bears S. 58½° E., 66 lks. dist., mkd. ¼ S 10 B T.

A pine, 10 ins. diam., bears S. 88¾° W., 59 lks. dist., mkd. ¼ S 9 B T.

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

N. 0° 18' E., bet. secs. 9 and 10.

Over rolling land, through timber.

5.00 Low ridge, bears NW. and SE.

7.60 Road, bears NW. and SE.

40.02 The cor. of secs. 3, 4, 9, and 10, as evidenced by a malpais stone, 16x16x6 ins., mkd. with 5 grooves on S. and 3 grooves on E. faces, firmly set in ground, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 3, 4, 9, and 10, with brass cap mkd.

T22N R4E	
S 4   S 3	
S 9   S 10	
1940	

from which

## Original bearing trees:

The original position of a fallen pine bears N. 39° E., 129 lks. dist. Tree is mkd. T 22 N R 4 E S 3 B T.

A pine, 20 ins. diam., bears S. 80¼° E., 66 lks. dist. Old blaze partly opened, marks visible.

A pine stump bears N. 86° W., 58 lks. dist., no marks visible.

I find no evidence of the original SW. bearing tree.

## New bearing trees:

A pine, 8 ins. diam., bears N. 14° E., 56 lks. dist., mkd. T 22 N R 4 E S 3 B T.

A pine, 10 ins. diam., bears S. 19° E., 84 lks. dist., mkd. T 22 N R 4 E S 10 B T.

A pine, 10 ins. diam., bears S. 22° W., 52 lks. dist., mkd. T 22 N R 4 E S 9 B T.

A pine, 10 ins. diam., bears N. 44° W., 26 lks. dist., mkd. T 22 N R 4 E S 4 B T

Rebuild mound of stone, 3 ft. base, 1½ ft. high, W. of cor.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

Land, rolling.  
Soil, rocky, 4th rate.  
Timber, first and second growth pine and oak; undergrowth, none.

-----  
S. 89° 53' E., bet. secs. 3 and 10.

Over gently rolling land, through timber.

22.30 Leave timber, bears NW. and SE.; enter cultivated field.

39.63 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. below the surface of the ground, with a stone mkd. with a cross (+) deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S \ 3}{S \ 10} \\ 1940$$

from which

A pine, 6 ins. diam., bears N. 2 $\frac{3}{4}$ ° E., 692 lks. dist., mkd.  $\frac{1}{4}$  S 3 B T.

A pine, 8 ins. diam., bears S. 17 $\frac{1}{2}$ ° E., 700 lks. dist., mkd.  $\frac{1}{4}$  S 10 B T.

The NW. cor. of rock chimney of Scurlock's house bears S. 46° 54' W., 9.50 chs. dist.

48.50 Leave cultivated field.

49.00 Little Spring bears S. 24° W., 23.40 chs. dist.

62.40 Drain, course SW., 40 lks. wide.

79.26 The cor. of secs. 2, 3, 10, and 11.

Land, gently rolling.  
Soil, rocky, 3d and 4th rate.  
Timber, yellow pine; undergrowth, none.

-----  
From the cor. of secs. 3, 4, 9, and 10.

N. 0° 23' E., bet. secs. 3 and 4.

Over rolling land, through timber.

12.50 Spur, slopes SE.

16.70 Drain, 10 lks. wide, course SE.; asc. 110 ft. over SE. slope.

28.00 Top of ascent; thence over rolling land.

37.80 Drain, course SE.

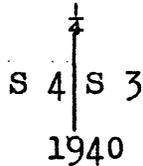
39.81 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone 20x10x6 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground.

At point for cor.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



from which

## Original bearing trees:

A pine stump, 36 ins. diam., bears N.  $44\frac{1}{2}^{\circ}$  E., 30 lks. dist. Marks are visible on pieces of the stump lying alongside.

A pine, 18 ins. diam., bears S.  $61^{\circ}$  W., 96 lks. dist., marks overgrown.

## New bearing trees:

A pine, 14 ins. diam., bears S.  $45\frac{1}{4}^{\circ}$  E., 71 lks. dist., mkd.  $\frac{1}{4}$  S 3 B T.

A pine, 8 ins. diam., bears S.  $50^{\circ}$  W., 12 lks. dist., mkd.  $\frac{1}{4}$  S 4 B T.

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

N.  $3^{\circ} 34'$  W., bet. secs. 3 and 4.

Asc. 160 ft. over general SE. slope, through timber.

31.30 Ridge, bears NW. and SE.; desc. slightly.

47.17 The cor. of secs. 3, 4, 33, and 34, on N. bdy. of Tp.

Land, rolling.

Soil, rocky, 4th rate.

Timber, yellow pine; undergrowth, none.

-----  
From the cor. of secs. 4, 5, 32, and 33, on S. bdy. of Tp.; described in the field notes of the N. bdy. of T. 21 N., R. 4 E., resurveyed under this group.

N.  $5^{\circ} 57'$  E., bet. secs. 32 and 33.

Over gently rolling prairie, through scattering young pine timber, along fence.

13.60 Drain, course W.; asc. 35 ft. over SW. slope.

18.50 A. T. & S. F. R. R., two tracks, bears N.  $68^{\circ} 55'$  W. and S.  $68^{\circ} 55'$  E.; right-of-way fences and telephone lines are along railroad.

37.89 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 20x10x10 ins.; mkd.  $\frac{1}{4}$  on W. face, firmly set in ground.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, with old cor. stone buried alongside, and in a mound of stone, 3 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

$$\begin{array}{c} \uparrow \\ \text{S } 32 \mid \text{S } 33 \\ \downarrow \\ 1940 \end{array}$$

from which

A pine, 6 ins. diam., bears S.  $59^{\circ}$  E., 791 lks. dist., mkd.  $\frac{1}{4}$  S 33 B T.

A pine, 6 ins. diam., bears S.  $37\frac{3}{4}^{\circ}$  W., 628 lks. dist., mkd.  $\frac{1}{4}$  S 32 B T.

N.  $3^{\circ} 16'$  W., bet. secs. 32 and 33.

Over nearly level land, through scattering young pine timber.

0.36 Fence cor., from which fences extend S.  $86^{\circ}$  W., S.  $5^{\circ}$  E., and N.  $5^{\circ}$  W.

24.00 Old location of U. S. Highway No. 66, bears NW. and SE., on curve.

24.50 Telephone line, bears N.  $82\frac{3}{4}^{\circ}$  W. and S.  $82\frac{3}{4}^{\circ}$  E.

39.91 The cor. of secs. 28, 29, 32, and 33, as evidenced by a fence cor., from which fences extend S.  $3^{\circ}$  E. and N.  $88^{\circ} 23'$  E. This is accepted as the best available evidence of the position of the original corner, as it also agrees closely with position determined from old B T's. At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, with brass cap mkd.

$$\begin{array}{c} \text{T22N R4E} \\ \text{S } 29 \mid \text{S } 28 \\ \hline \text{S } 32 \mid \text{S } 33 \\ \downarrow \\ 1940 \end{array}$$

from which

Original bearing trees:

A pine, 18 ins. diam., bears N.  $49\frac{1}{4}^{\circ}$  E., 45 lks. dist., old blaze partly open, marks visible.

The original position of a fallen pine bears S.  $44^{\circ}$  E., 65 lks. dist. No marks visible on tree.

A pine, 40 ins. diam., bears S.  $7^{\circ}$  W., 132 lks. dist., mkd. T 22 N R 4 E S 32 B T.

A pine, 16 ins. diam., bears N.  $81\frac{3}{4}^{\circ}$  W., 114 lks. dist., marks overgrown.

New bearing trees:

A pine, 6 ins. diam., bears S.  $5\frac{3}{4}^{\circ}$  E., 136 lks. dist., mkd. T 22 N R 4 E S 33 B T.

A pine, 6 ins. diam., bears S.  $30\frac{1}{2}^{\circ}$  W., 81 lks. dist., mkd. T 22 N R 4 E S 32 B T.

Corner is in a large draw, 8 chs. wide, with scattered drainage channels, course SW.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

Land, rolling.  
Soil, rocky, 4th rate.  
Timber, yellow pine; undergrowth, none.

-----  
N. 88° 23' E., bet. secs. 28 and 33.

Asc. 45 ft. over gentle W. slope, through timber.

11.20 Road, bears NE. and SE.

16.50 Top of ascent, leave timber, bears N. and S.; thence over gently rolling prairie.

22.70 Road, bears N. 10° E. and S. 30° W.

36.57 The  $\frac{1}{4}$  sec. cor.; as evidenced by a malpais stone, 20x12x6 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, and a stone mkd. with a cross (+) deposited at base, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{c} S 28 \\ S 33 \\ 1940 \end{array}$$

from which

A pine, 6 ins. diam., bears N. 40 $\frac{1}{4}$ ° E., 79 lks. dist., mkd.  $\frac{1}{4}$  S 28 B T.

A pine, 5 ins. diam., bears S. 70 $\frac{1}{4}$ ° W., 171 lks. dist., mkd. B T.

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

S. 88° 45' E., bet. secs. 28 and 33.

Over rolling land.

8.20 Telephone line, bears generally N. and S.

12.00 Enter timber; asc. 95 ft. over SW. slope.

21.85 Top of ascent, bears S. and NE.; thence over rolling land, through scattering small timber.

32.70 Telephone line, bears N. 64 $\frac{1}{2}$ ° E. and S. 64 $\frac{1}{2}$ ° W.

39.50 Old highway, bears NE. and SW.

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

Land, rolling.  
Soil, rocky, 4th rate.  
Timber, yellow pine; undergrowth, none.

-----

LOCK 2000

Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

From the cor. of secs. 28, 29, 32, and 33.

N. 0° 46' W., bet. secs. 28 and 29.

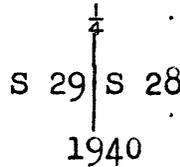
Over rolling land, through timber and undergrowth.

1.00 Rocky drain, course SW., 2 chs. dist., thence S.; asc. 120 ft. over S. slope.

39.95 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 14x12x10 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



from which

Original bearing tree:

A pine, 26 ins. diam., bears N. 70 $\frac{3}{4}$ ° E., 203 lks. dist., mkd.  $\frac{1}{4}$  S.

New bearing trees:

A juniper, 6 ins. diam., bears S. 68 $\frac{3}{4}$ ° E., 23 lks. dist., mkd.  $\frac{1}{4}$  S 28 B T.

A juniper, 6 ins. diam., bears S. 69 $\frac{1}{4}$ ° W., 37 lks. dist., mkd.  $\frac{1}{4}$  S 29 B T.

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

N. 0° 46' E., bet. secs. 28 and 29.

Asc. 75 ft. over S. slope, through timber.

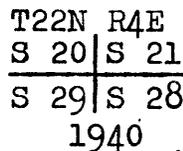
13.00 U. S. Highway No. 66, bears S. 76 $\frac{3}{4}$ ° W. and N. 76 $\frac{3}{4}$ ° E.

20.00 Spur, slopes E.; thence along gentle E. slope.

40.09 The cor. of secs. 20, 21, 28, and 29, as evidenced by a malpais stone, 18x16x8 ins., mkd. with 2 grooves on S. and 4 grooves on E. faces, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 20, 21, 28, and 29, with brass cap mkd.



from which

Original bearing trees:

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine stump, 36 ins. diam., bears N.  $12\frac{1}{2}^{\circ}$  E., 142 lks. dist., mkd. B T.

A pine, 46 ins. diam., bears S.  $15\frac{1}{2}^{\circ}$  E., 108 lks. dist., marks overgrown.

A pine, 30 ins. diam., bears S.  $9^{\circ}$  W., 87 lks. dist., mkd. T 22 N R 4 E S 29 B T.

A pine, 36 ins. diam., bears N.  $16\frac{1}{2}^{\circ}$  W., 177 lks. dist., mkd. T 22 N R 4 E S 20 B T.

## New bearing trees:

A pine, 10 ins. diam., bears N.  $43\frac{1}{2}^{\circ}$  E., 10 lks. dist., mkd. T 22 N R 4 E S 21 B T.

A pine, 9 ins. diam., bears S.  $81\frac{1}{2}^{\circ}$  E., 24 lks. dist., mkd. T 22 N R 4 E S 28 B T.

A pine, 10 ins. diam., bears S.  $21\frac{1}{4}^{\circ}$  W., 43 lks. dist., mkd. T 22 N R 4 E S 29 B T.

A pine, 8 ins. diam., bears N.  $51\frac{1}{2}^{\circ}$  W., 41 lks. dist., mkd. T 22 N R 4 E S 20 B T.

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

Land, rolling mountainous.

Soil, rocky, 4th rate.

Timber, pine and scattering juniper; undergrowth, second growth timber.

-----  
S.  $89^{\circ} 27'$  E., bet. secs. 21 and 28.

Over rolling land, through timber and undergrowth.

Desc. 115 ft. over E. slope.

20.00 Bottom of descent; over gently rolling land.

38.31 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 18x10x10 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with old cor. stone buried alongside, and a stone mkd. with a cross (+) deposited at base, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} S 21 \\ \hline S 28 \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine stump, 25 ins. diam., bears N.  $22\frac{1}{2}^{\circ}$  E., 6 lks. dist., mkd. B T.

A pine stump, 20 ins. diam., bears S.  $48\frac{1}{2}^{\circ}$  E., 10 lks. dist., marks illegible.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

## New bearing trees:

A pine, 8 ins. diam., bears N.  $35\frac{1}{4}^{\circ}$  E., 44 lks. dist., mkd.  $\frac{1}{4}$  S 21 B T.

A pine, 8 ins. diam., bears S.  $65\frac{3}{4}^{\circ}$  W., 29 lks. dist., mkd.  $\frac{1}{4}$  S 28 B T.

S.  $89^{\circ} 12'$  E., bet. secs. 21 and 28.

Over rolling land, through timber.

- 4.85 One wire telephone line, bears N. and S.  
 5.30 Drain, course S.; asc. 260 ft. over W. slope.  
 5.60 Road, bears SE. and SW.  
 15.00 S. end of cinder pit, 50 ft. deep.  
 24.00 Spur, slopes S.; desc. 210 ft. over E. slope.  
 39.54 The cor. of secs. 21, 22, 27, and 28.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and scattering oak and juniper; undergrowth, second growth timber.

-----  
 From the cor. of secs. 20, 21, 28, and 29.

N.  $0^{\circ} 58'$  E., bet. secs. 20 and 21.

Over rolling land, through timber.

- 40.07 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x8x8 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground with a mound of stone alongside.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with old cor. stone buried alongside, and a stone mkd. with a cross (+) deposited at base, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 20 | S 21  
 1940

from which

## Original bearing trees:

A pine stump, 30 ins. diam., bears S.  $30\frac{1}{2}^{\circ}$  E., 169 lks. dist., no marks visible.

A pine, 28 ins. diam., bears S.  $36\frac{1}{4}^{\circ}$  W., 55 lks. dist., marks overgrown.

## New bearing trees:

A pine, 8 ins. diam., bears N.  $48\frac{3}{4}^{\circ}$  E., 39 lks. dist., mkd.  $\frac{1}{4}$  S 21 B T.

A pine, 6 ins. diam., bears N.  $26\frac{1}{2}^{\circ}$  W., 48 lks. dist., mkd.  $\frac{1}{4}$  S 20 B T.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

N. 0° 41' W., bet. secs. 20 and 21.

Over rolling land, through timber.

5.00 Old road, bears S. 70° E. and N. 70° W.

6.00 Drain, course S. 70° E.

40.02 The cor. of secs. 16, 17, 20, and 21, as evidenced by a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, with brass cap mkd.

T22N R4E	
S 17	S 16
S 20	S 21

1940

from which

## Original bearing trees:

A pine stump, 40 ins. diam., bears S. 87½° W., 88 lks. dist., mkd. T.

A pine stump, 24 ins. diam., bears N. 51¾° W., 131 lks. dist., no marks visible.

A pine stump, 25 ins. diam., bears N. 58½° W., 120 lks. dist., no marks visible.

I find no evidence of the original NE. bearing tree.

## New bearing trees:

A pine, 8 ins. diam., bears N. 24¼° E., 26 lks. dist., mkd. T 22 N R 4 E S 16 B T.

A pine, 8 ins. diam., bears S. 50¾° E., 32 lks. dist., mkd. T 22 N R 4 E S 21 B T.

A pine, 10 ins. diam., bears S. 66½° W., 22 lks. dist., mkd. T 22 N R 4 E S 20 B T.

A pine, 8 ins. diam., bears N. 25½° W., 17 lks. dist., mkd. T 22 N R 4 E S 17 B T.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and scattering oak and juniper; undergrowth, second growth timber.

S. 89° 28' W., bet. secs. 16 and 21.

Desc. 20 ft. over SE. slope, through timber.

12.30 Drain, 40 lks. wide, course SW., 2 chs. dist., thence SE.; asc. 80 ft. over SW. slope.

15.00 Road, bears NW. and SE.

29.00 One wire telephone line, bears N: 10° W. and S. 10° E.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

39.85 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 18x18x6 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

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

1940

from which

Original bearing trees:

A pine, 27 ins. diam., bears S. 33° E., 141 lks. dist., marks overgrown.

A pine stump, 32 ins. diam., bears S. 56° W., 102 lks. dist., no marks visible.

New bearing trees:

A pine, 10 ins. diam., bears N. 18 $\frac{1}{2}$ ° E., 29 lks. dist., mkd.  $\frac{1}{4}$  S 16 B T.

A pine, 12 ins. diam., bears S. 53 $\frac{3}{4}$ ° W., 23 lks. dist., mkd.  $\frac{1}{4}$  S 21 B T.

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

S. 89° 20' E., bet. secs. 16 and 21.

Asc. 50 ft. over SW, slope, through timber.

9.40 Ridge, bears NE. and SW.; over gently rolling land..

37.70 Ravine, course SW.

39.95 The cor. of secs. 15, 16, 21, and 22.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and oak; undergrowth, second growth timber.

-----  
From the cor. of secs. 16, 17, 20, and 21.

N. 0° 17' W., bet. secs. 16 and 17.

Over rolling land, through timber and undergrowth.

4.70 Logging road, bears NW. and SE.

10.40 N E Spring, bears W., 18.10 chs. dist.; a spring of good water enclosed in a concrete box 6x5 ft.

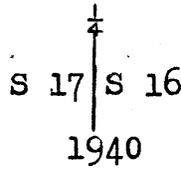
40.19 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x12x10 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

At point for cor.

Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with old cor. stone buried alongside, and a stone mkd. with a cross (+) deposited at base, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.



from which

Original bearing trees:

A pine, 30 ins. diam., bears N.  $1^{\circ}$  E., 57 lks. dist., mkd.  $\frac{1}{4}$  S B T.

The original position of a fallen pine, 25 ins. diam., bears N.  $45\frac{1}{4}^{\circ}$  W., 43 lks. dist. Tree is mkd.  $\frac{1}{4}$  S B T.

New bearing trees:

A pine, 8 ins. diam., bears N.  $64\frac{3}{4}^{\circ}$  E., 37 lks. dist., mkd.  $\frac{1}{4}$  S 16 B T.

A pine, 9 ins. diam., bears N.  $61\frac{1}{2}^{\circ}$  W., 32 lks. dist., mkd.  $\frac{1}{4}$  S 17 B T.

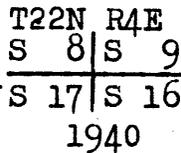
N.  $4^{\circ} 47'$  E., bet. secs. 16 and 17.

Over rolling land, through timber and undergrowth.

- 3.70 Unimproved road, bears NE. to a sawmill and W., 75 lks. dist., to a road which bears S.  $5^{\circ}$  W. and N.  $20^{\circ}$  E.
- 7.90 Road, bears SW. and N. along line.
- 16.50 Leave road, bears NW. and S.
- 29.00 Unimproved road, bears NE. 3 chs. dist., to end, and S.  $10^{\circ}$  W.
- 32.91 The cor. of secs. 8, 9, 16, and 17, as evidenced by a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, with brass cap mkd.



from which

Original bearing trees:

A pine, 28 ins. diam., bears N.  $78\frac{1}{2}^{\circ}$  E., 264 lks. dist., marks overgrown.

A pine, dead, 35 ins. diam., bears S.  $2\frac{1}{4}^{\circ}$  E., 40 lks. dist., mkd. T 22 N R 4 E B T.

A pine, 36 ins. diam., bears S.  $27\frac{1}{2}^{\circ}$  W., 97 lks. dist., marks overgrown.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

The original position of a fallen pine, 28 ins. diam., bears N.  $60\frac{3}{4}^{\circ}$  W., 114 lks. dist. No marks visible on tree.

## New bearing trees:

A pine, 10 ins. diam., bears N.  $3\frac{1}{2}^{\circ}$  E., 75 lks. dist., mkd. T 22 N R 4 E S 9 B T.

A pine, 8 ins. diam., bears S.  $42\frac{3}{4}^{\circ}$  E., 90 lks. dist., mkd. T 22 N R 4 E S 16 B T.

A pine, 8 ins. diam., bears S.  $29\frac{1}{4}^{\circ}$  W., 9 lks. dist., mkd. T 22 N R 4 E S 17 B T.

A pine, 8 ins. diam., bears N.  $39\frac{1}{2}^{\circ}$  W., 10 lks. dist., mkd. T 22 N R 4 E S 8 B T.

From cor. old fence lines extend S. and E.

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, pine and scattering oak and juniper; undergrowth, second growth timber.

-----  
S.  $88^{\circ} 08'$  E., bet. secs. 9 and 16.

Over rolling land, through timber and undergrowth.

- 1.10 Drain, 5 lks. wide, course SE.
- 11.20 Drain, 10 lks. wide, course S.  $30^{\circ}$  E.; asc. 235 ft. over SW. slope.
- 20.00 Telephone line, bears N.  $80^{\circ}$  W. and S.  $80^{\circ}$  E.
- 39.66 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 18x14x8 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} S \ 9 \\ S \ 16 \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine, dead, 24 ins. diam., bears N.  $56^{\circ}$  W., 47 lks. dist., mkd.  $\frac{1}{4}$  S B T.

The original position of a fallen pine bears N.  $72^{\circ}$  W., 24 lks. dist. No marks visible on tree.

## New bearing trees:

A pine, 6 ins. diam., bears N.  $41\frac{1}{4}^{\circ}$  E., 118 lks. dist., mkd.  $\frac{1}{4}$  S 9 B T.

A pine, 7 ins. diam., bears S.  $87\frac{3}{4}^{\circ}$  E., 72 lks. dist., mkd.  $\frac{1}{4}$  S 16 B T.

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

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

N. 87° 36' E., bet. secs. 9 and 16.

Asc. 30 ft., through timber and undergrowth.

4.70 Ridge, bears NE. and SE.; desc. 120 ft. over NE. slope.

19.80 Bottom of descent; asc. 60 ft.

28.80 Spur, slopes NW.; desc. 110 ft. over NW. slope.

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and scattering oak; undergrowth, second growth timber.

-----  
From the cor. of secs. 8, 9, 16, and 17.

N. 0° 18' E., bet. secs. 8 and 9.

Over rolling land, through timber and undergrowth.

25.70 Road, bears E. and W.

40.47 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 12x10x10 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, with old cor. stone buried alongside, and a stone mkd. with a cross (+) deposited at base, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 8 | S 9  
 1940

from which

Old bearing tree:

A pine stump, 48 ins. diam., bears S. 23 $\frac{1}{2}$ ° E., 126 lks. dist., no mks. visible.

New bearing trees:

A pine, 10 ins. diam., bears S. 52 $\frac{3}{4}$ ° E., 26 lks. dist., mkd.  $\frac{1}{4}$  S 9 B T.

A pine, 8 ins. diam., bears S. 71° W., 19 lks. dist., mkd.  $\frac{1}{4}$  S 8 B T.

N. 0° 46' E., bet. secs. 8 and 9.

Asc. 120 ft. over gentle S. slope, through timber.

39.30 The cor. of secs. 4, 5, 8, and 9, as evidenced by a malpais stone, 16x16x8 ins., mkd. with 5 grooves on S. and 4 grooves on E. faces, set in a mound of stone.

At point for cor.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 4, 5, 8, and 9, with brass cap mkd.

$$\begin{array}{r} \text{T22N R4E} \\ \text{S } 5 | \text{S } 4 \\ \hline \text{S } 8 | \text{S } 9 \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine, 10 ins. diam., bears N.  $41\frac{1}{2}^{\circ}$  E., 59 lks. dist., marks overgrown.

A pine, 16 ins. diam., bears S.  $65^{\circ}$  E., 56 lks. dist., marks overgrown.

A pine, 16 ins. diam., bears S.  $40^{\circ}$  W., 37 lks. dist., marks overgrown.

A pine, 16 ins. diam., bears N.  $36\frac{1}{4}^{\circ}$  W., 36 lks. dist., marks overgrown.

## New bearing tree:

A pine, 8 ins. diam., bears S.  $79^{\circ}$  E., 76 lks. dist., mkd. T 22 N R 4 E S 9 B T.

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and scattering oak and juniper; undergrowth, second growth timber.

N.  $89^{\circ} 05'$  E., bet. secs. 4 and 9.

Over rolling land, through timber and undergrowth.

0.23 Fence, bears S.  $18^{\circ}$  W. and N.  $18^{\circ}$  E., 1 chs. dist., thence N.  $30\frac{1}{2}^{\circ}$  E.

15.80 Low spur, slopes SE.

16.70 Drain, course SW.

36.60 Telephone line, bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.

40.42 The  $\frac{1}{4}$  sec. cor., as evidenced by a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} \text{S } 4 \\ \hline \text{S } 9 \\ 1940 \end{array}$$

from which

## Old bearing trees:

A pine stump, 16 ins. diam., bears N.  $14^{\circ}$  E., 58 lks. dist., no marks visible.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine stump, 14 ins. diam., bears N.  $34\frac{1}{4}^{\circ}$  W., 24 lks. dist., no marks visible.

## New bearing trees:

A juniper, 6 ins. diam., bears N.  $29\frac{1}{2}^{\circ}$  E., 18 lks. dist., mkd.  $\frac{1}{4}$  S 4 B T.

A pine, 9 ins. diam., bears S.  $55^{\circ}$  E., 28 lks. dist., mkd.  $\frac{1}{4}$  S 9 B T.

S.  $89^{\circ} 53'$  E., bet. secs. 4 and 9.

Over rolling land, through timber and undergrowth.

25.00 Drain, course SE.

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and scattering oak and juniper; undergrowth, second growth timber.

-----  
From the cor. of secs. 4, 5, 8, and 9.

N.  $0^{\circ} 06'$  E., bet. secs. 4 and 5.

Asc. 220 ft. over a gentle S. slope, through timber and undergrowth.

16.50 Drain, course SW.; continue ascent.

24.00 Road, bears S.  $35^{\circ}$  W. and N.  $35^{\circ}$  E.

39.59 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness  $\frac{1}{4}$  sec. cor., with brass cap mkd.

W C  
↑  
S 5 | S 4  
1940

from which

A pine, 10 ins. diam., bears N.  $45\frac{3}{4}^{\circ}$  E., 41 lks. dist., mkd. W C  $\frac{1}{4}$  S 4 B T.

A juniper, 5 ins. diam., bears N.  $76^{\circ}$  W., 107 lks. dist., mkd. W C  $\frac{1}{4}$  S 5 B T.

39.61 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone in place, 24x18 ins., 6 ins. above ground, mkd.  $\frac{1}{4}$  on top, with a mound of stone W. of cor., from which

## Original bearing trees:..

A pine, 12 ins. diam., bears N.  $88\frac{1}{4}^{\circ}$  E., 31 lks. dist., mkd.  $\frac{1}{4}$  S B T.

The original position of a fallen pine, 20 ins. diam., bears N.  $80\frac{1}{2}^{\circ}$  W., 52 lks. dist. Tree is mkd.  $\frac{1}{4}$  S B T.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains	
	N. 2° 27' W., bet. secs. 4 and 5. Asc. 635 ft. over S. slope, through timber and undergrowth.
47.58	The cor. of sec. 4, 5, 32, and 33, on N. bdy. of Tp. Land, rolling mountainous. Soil, rocky, 4th rate. Timber, pine, oak, and juniper; undergrowth, second growth timber.
-----	
	From the cor. of secs. 5, 6, 31, and 32, on S. bdy. of Tp.; described in the field notes of the N. bdy. of T. 21 N., R. 4 E., resurveyed under this group.
	N. 1° 10' E., bet. secs. 31 and 32. Ascend 75 ft. over SE. slope, through timber and undergrowth.
9.50	Top of ascent; thence along E. slope.
19.50	Spur, slopes E.; desc. 65 ft. over NE. slope.
33.70	Drain; 10 lks. wide, course SE.; asc. 50 ft. over SE. slope.
39.51	The $\frac{1}{4}$ sec. cor., as evidenced by a mound of stone, 3 ft. base, 1 ft. high. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 31   S 32 1940 from which
	Original bearing trees: A pine, 36 ins. diam., bears S. 52° E., 20 lks. dist., mkd. $\frac{1}{4}$ S B T. A pine stump bears S. 40 $\frac{3}{4}$ ° W., 77 lks. dist., no marks visible.
	New bearing trees: A pine, 6 ins. diam., bears N. 43 $\frac{1}{4}$ ° E., 28 lks. dist., mkd. $\frac{1}{4}$ S 32 B T. A pine, 6 ins. diam., bears N. 63 $\frac{1}{4}$ ° W., 18 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.
	N. 0° 18' E., bet. secs. 31 and 32. Over rolling land, through timber and undergrowth.
10.10	Spur, slopes E.; desc. 25 ft. over NE. slope.
16.10	Drain, 10 lks. wide, course E., over rolling land.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

40.11 The cor. of secs. 29, 30, 31, and 32, as evidenced by a malpais stone, 14x10x10 ins., mkd. with 5 grooves on E. and 1 groove on S. faces, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 29, 30, 31, and 32, with brass cap mkd.

T22N R4E	
S 30	S 29
S 31	S 32
1940	

from which

Original bearing trees:

A pine stump bears S.  $27\frac{1}{2}^{\circ}$  W., 258 lks. dist., mkd. S 31.

A pine stump bears S.  $51\frac{1}{2}^{\circ}$  W., 280 lks. dist., no marks visible.

A pine stump bears S.  $78^{\circ}$  W., 301 lks. dist., marks visible on pieces of stump lying alongside.

Bearing tree not of record:

A charred pine stump bears S.  $65\frac{1}{4}^{\circ}$  W., 50 lks. dist., mkd. T XXII N R 4 E S XXXI.

New bearing trees:

A pine, 6 ins. diam., bears N.  $60\frac{1}{2}^{\circ}$  E., 18 lks. dist., mkd. T 22 N R 4 E S 29 B T.

A pine, 8 ins. diam., bears S.  $15\frac{3}{4}^{\circ}$  E., 61 lks. dist., mkd. T 22 N R 4 E S 32 B T.

A pine, 12 ins. diam., bears S.  $61\frac{1}{2}^{\circ}$  W., 44 lks. dist., mkd. T 22 N R 4 E S 31 B T.

A pine, 12 ins. diam., bears N.  $63\frac{1}{4}^{\circ}$  W., 36 lks. dist., mkd. T 22 N R 4 E S 30 B T.

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and oak; undergrowth, second growth timber.

-----  
S.  $88^{\circ} 46'$  E., bet. secs. 29 and 32.

Over rolling land, through timber and undergrowth.

6.70 Drain, 20 lks. wide, course SE.

27.10 Old location of U. S. Highway No. 66, bears NW. and SE.

35.10 Telephone line, bears N.  $40^{\circ}$  W. and S.  $40^{\circ}$  E.; asc. 40 ft. over SW. slope.

40.79 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x12x6 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S 29}{S 32}$$

1940

from which

Original bearing trees:

A pine, 30 ins. diam., bears N.  $59\frac{1}{2}^{\circ}$  W., 26 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I find no evidence of the original SW. bearing tree.

New bearing trees:

A pine, 10 ins. diam., bears N.  $77\frac{1}{2}^{\circ}$  E., 39 lks. dist., mkd.  $\frac{1}{4}$  S 29 B T.

A pine, 7 ins. diam., bears S.  $6\frac{1}{2}^{\circ}$  W., 42 lks. dist., mkd.  $\frac{1}{4}$  S 32 B T.

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

N.  $89^{\circ} 31'$  E., bet. secs. 29 and 32.

Over rolling land, through timber.

4.20 Spur, slopes S.; desc. 80 ft. over SE. slope.

17.90 House bears S.  $7\frac{1}{4}^{\circ}$  W., 25.40 chs. dist.

28.20 Rock outcrop, 8 ft. high, bears NW. and SE.

36.70 Bottom of descent; thence across bottom of a draw containing scattered drains, course SW.

39.70 The cor. of secs. 28, 29, 32, and 33.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine; undergrowth, second growth timber.

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

S.  $89^{\circ} 34'$  W., bet. secs. 30 and 31.

Asc. 130 ft. over E. slope, through timber and undergrowth.

12.50 Top of ascent; thence over level land, through scattering young pine timber.

39.88 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x16x6 ins., mkd.  $\frac{1}{4}$  on N. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

$$\frac{1}{4} \frac{S 30}{S 31}$$

1940

from which

A pine, 10 ins. diam., bears N., 302 lks. dist.,  
mkd.  $\frac{1}{4}$  S 30 B T.

A pine, 6 ins. diam., bears S.  $58\frac{3}{4}^{\circ}$  W., 246 lks.  
dist., mkd.  $\frac{1}{4}$  S 31 B T.

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

N.  $89^{\circ} 11'$  W., bet. secs. 30 and 31.

Over level land, through scattering timber.

30.00 Desc. 55 ft. over NW. slope; enter dense timber, bears  
NE. and SW.

38.43 The cor. of secs. 25, 30, 31, and 36, on W. bdy. of Tp.

Land, rolling to nearly level.

Soil, rocky, 4th rate.

Timber, yellow pine; undergrowth, second growth timber.

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

N.  $0^{\circ} 17'$  E., bet. secs. 29 and 30.

Over rolling land, through timber.

5.70 Wash, 10 lks. wide, course SE.; asc. 100 ft. over SE.  
slope.

23.90 Old position of U. S. Highway No. 66, bears NW. and SE.

27.00 Top of ascent; thence across bench land sloping gently SW.

39.60 Telephone line, bears S.  $49\frac{1}{2}^{\circ}$  E. and N.  $49\frac{1}{2}^{\circ}$  W., 1 ch.  
dist., thence S.  $79\frac{1}{2}^{\circ}$  W.

40.10 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x12x8  
ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the  
ground, with old corner stone buried alongside, for  $\frac{1}{4}$  sec.  
cor., with brass cap mkd.

$$\frac{1}{4} \frac{S 30}{S 29}$$

1940

from which

A pine, 8 ins. diam., bears N.  $82\frac{3}{4}^{\circ}$  E., 25 lks.  
dist., mkd.  $\frac{1}{4}$  S 29 B T.

A pine, 10 ins. diam., bears S.  $18^{\circ}$  W., 65 lks.  
dist., mkd.  $\frac{1}{4}$  S 30 B T.

BOOK 329

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

N. 0° 25' E., bet. secs. 29 and 30.

Across gentle SW. slope, through scattering timber.

7.30 Right-of-way fence, parallels highway.

8.30 U. S. Highway No. 66, bears N. 74° W. and S. 74° E.

9.40 Right-of-way fence, parallels highway.

40.00 The cor. of secs. 19, 20, 29, and 30, as evidenced by a stone, 16x10x10 ins., mkd. with 2 grooves on S. and 5 grooves on E. faces, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 19, 20, 29, and 30, with brass cap mkd.

T22N R4E	
S 19	S 20
S 30	S 29
1940	

from which

A pine, 7 ins. diam., bears N. 48½° E., 226 lks. dist., mkd. T 22 N R 4 E S 20 B T.

A juniper, 6 ins. diam., bears S. 42½° E., 244 lks. dist., mkd. T 22 N R 4 E S 29 B T.

A juniper, 7 ins. diam., bears S. 32½° W., 305 lks. dist., mkd. T 22 N R 4 E S 30 B T.

A pine, 7 ins. diam., bears N. 23½° W., 144 lks. dist., mkd. T 22 N R 4 E S 19 B T.

Top of a hill bears N. 71½° E., 42 chs. dist.

Top of a hill bears S. 60° W., 65 chs. dist.

Land, nearly level to rolling.

Soil, rocky, 4th rate.

Timber, pine; undergrowth, small timber.

-----  
S. 88° 32' E., bet. secs. 20 and 29.

Asc. 310 ft. over gentle SW. slope, through scattering timber.

40.30 The ¼ sec. cor., as evidenced by a malpais stone, 18x14x10 ins., mkd. ¼ on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with old cor. stone buried alongside, for ¼ sec. cor., with brass cap mkd.

¼	S 20
	S 29
	1940

from which

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine, 8 ins. diam., bears S.  $77\frac{1}{4}^{\circ}$  E., 23 lks. dist., mkd.  $\frac{1}{4}$  S 29 B T.

A pine, 8 ins. diam., bears N.  $14^{\circ}$  W., 111 lks. dist., mkd.  $\frac{1}{4}$  S 20 B T.

N.  $89^{\circ} 25'$  E., bet. secs. 20 and 29.

Asc. 20 ft. over SW. slope, through timber.

4.00 Spur, slopes S.; desc. 260 ft. over SE. slope.

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

Land, rolling.

Soil, rocky and gravelly, 3d and 4th rate.

Timber, yellow pine; undergrowth, small timber.

-----  
From the cor. of secs. 19, 20, 29, and 30.

S.  $89^{\circ} 32'$  W., bet. secs. 19 and 30.

Over rolling land, through scattering timber.

2.20 Graded road, bears N.  $25^{\circ}$  E. and S.  $25^{\circ}$  W.

19.00 Drain, course NW.

38.00 Desc. 20 ft. over NW. slope.

39.80 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 18x10x10 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone,  $3\frac{1}{2}$  ft. base, 1 ft. high, N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with old cor. stone buried alongside, and in a mound of stone, 3 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} \text{S } 19 \\ \hline \text{S } 30 \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine stump bears N.  $8\frac{1}{2}^{\circ}$  E., 79 lks. dist., no marks visible.

A pine stump, bears N.  $43^{\circ}$  E., 112 lks. dist., no marks visible.

## New bearing trees:

A pine, 12 ins. diam., bears S.  $31\frac{3}{4}^{\circ}$  W., 26 lks. dist., mkd.  $\frac{1}{4}$  S 30 B T.

A pine, 12 ins. diam., bears N.  $25\frac{3}{4}^{\circ}$  W., 20 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.

N.  $89^{\circ} 10'$  W., bet. secs. 19 and 30.

Desc. 60 ft. over NW. slope, through scattering timber.

ECCS 4839

## Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains	
19.30	Drain, 1 ch. wide, course S. 50° W., about 3 chs. dist., thence N. 30° W.
21.50	Spur, slopes S.
24.10	Same drain, course N. 30° W.; asc. 40 ft. over NE. slope.
31.90	Low spur, slopes SE.; over rolling land.
38.94	The cor. of secs. 19, 24, 25, and 30, on W. bdy. of Tp. Land, rolling. Soil, rocky, 4th rate. Timber, yellow pine; undergrowth, small timber.
-----	
	From the cor. of secs. 19, 20, 29, and 30.
	N. 0° 01' E., bet. secs. 19 and 20.
	Over rolling land, through scattering timber.
4.70	Graded road, bears N. 25° E. and S. 25° W.
12.00	Enter dense timber, bears SE. and SW.
39.95	The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 12x10x8 ins., mkd. $\frac{1}{4}$ on W. face, set in a mound of stone, 3 ft. base, 6 ins. high.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\   \\ \text{S } 19 \text{   S } 20 \\   \\ 1940 \end{array}$ <p style="text-align: right;">from which</p>
	Original bearing trees:
	A pine, 30 ins. diam., bears N. 12 $\frac{1}{2}$ ° E., 225 lks. dist., mkd. $\frac{1}{4}$ B T.
	A pine stump bears S. 7 $\frac{3}{4}$ ° W., 200 lks. dist., no marks visible.
	New bearing trees:
	A pine, 8 ins. diam., bears N. 20 $\frac{1}{4}$ ° E., 10 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.
	A pine, 8 ins. diam., bears S. 17 $\frac{1}{2}$ ° W., 179 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.
	Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	N. 0° 27' E., bet. secs. 19 and 20.
	Over rolling land, through timber.
13.10	Drain, 15 lks. wide, course SW.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

- 25.00 Spur, slopes W.; desc. 50 ft. over NW. slope.
- 33.80 Drain, 40 lks. wide, course S. 60° W.; asc. 20 ft. over SE. slope.
- 40.04 The cor. of secs. 17, 18, 19, and 20, as evidenced by a stone, 16x10x8 ins., mkd. with 3 grooves on S. and 5 grooves on E. faces, firmly set in ground, with a mound of stone W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam.; 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 17, 18, 19, and 20, with brass cap mkd.

T22N R4E	
S 18	S 17
S 19	S 20
1940	

from which

## Original bearing trees:

The original position of a fallen pine, 48 ins. diam., bears N. 63° E., 115 lks. dist. No marks visible on tree.

A pine, 48 ins. diam., bears S. 7½° E., 136 lks. dist., marks overgrown.

A pine, 26 ins. diam., bears S. 54¼° W., 66 lks. dist., marks overgrown.

A pine, dead, 36 ins. diam., bears N. 33° W., 92 lks. dist., mkd. T 22 N R 4 E S 18 B T.

## New bearing trees:

A pine, 8 ins. diam., bears N. 70½° E., 38 lks. dist., mkd. T 22 N R 4 E S 17 B T.

A pine, 10 ins. diam., bears N. 6¼° W., 16 lks. dist., mkd. T 22 N R 4 E S 18 B T.

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and juniper; undergrowth, small timber.

-----  
S. 89° 26' E., bet. secs. 17 and 20.

Over rolling land, through timber.

- 2.50 Drain, course SW.; asc. 90 ft. over SW. slope.
- 17.70 Road, bears NW. and SE.
- 29.80 Top of ascent; thence over rolling land.
- 39.87 The ¼ sec. cor., as evidenced by a malpais stone, 24x20x6 ins., mkd. ¼ on N. face, set in a mound of stone.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, with the old cor. stone alongside, and a stone mkd. with a cross (+) deposited at base, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} \text{S } 17 \\ \text{S } 20 \\ 1940 \end{array}$$

from which

Old bearing tree:

A pine, 20 ins. diam., bears N.  $38\frac{3}{4}^{\circ}$  E., 46 lks. dist., mkd.  $\frac{1}{4}$  S B T.

I find no evidence of other old bearing trees.

New bearing trees: ditto

A pine, 8 ins. diam., bears S.  $23\frac{1}{2}^{\circ}$  W., 57 lks. dist., mkd.  $\frac{1}{4}$  S 20 B T.

A pine, 8 ins. diam., bears N.  $54\frac{1}{2}^{\circ}$  W., 81 lks. dist., mkd.  $\frac{1}{4}$  S 17 B T.

S.  $89^{\circ} 49'$  E., bet. secs. 17 and 20.

Over rolling land, through timber.

- 5.00 Leave timber, bears NW. and SE.
- 6.55 Unimproved road, bears N. and S.
- 17.15 Drain, course SE.
- 18.15 Old house bears N., 2 chs. dist.
- 19.40 Road, bears NE. and SW., 2 chs. dist., thence W.
- 26.15 Enter timber, bears N. and S.
- 39.95 The cor. of secs. 16, 17, 20, and 21.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine; undergrowth, small timber.

-----  
From the cor. of secs. 17, 18, 19, and 20.

S.  $88^{\circ} 37'$  W., bet. secs. 18 and 19.

Over gently rolling land, through timber.

- 9.30 Spur, slopes S.
- 39.99 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 15x12x7 ins., mkd.  $\frac{1}{4}$  on N. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, over a cross (+) mkd. on bedrock, with old cor. stone buried alongside, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

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

1940

from which

## Original bearing trees:

A pine, 24 ins. diam., bears N.  $16\frac{1}{4}^\circ$  W., 113 lks. dist., marks overgrown.

A pine, 20 ins. diam., bears N.  $44\frac{1}{4}^\circ$  W., 120 lks. dist., marks overgrown.

## New bearing tree:

A pine, 14 ins. diam., bears S.  $20\frac{1}{2}^\circ$  E., 49 lks. dist., mkd.  $\frac{1}{4}$  S 19 B T.

N.  $88^\circ 55'$  W., bet. secs. 18 and 19.

Over nearly level land, through timber.

25.00 Leave timber, bears N. and S.

39.93 Fence, bears N. and S.

40.45 The cor. of secs. 13, 18, 19, and 24, on W. bdy. of Tp.

Land, level and rolling.

Soil, rocky and gravelly, 3d and 4th rate.

Timber, pine and juniper; undergrowth, small timber.

-----  
From the cor. of secs. 17, 18, 19, and 20.

N.  $2^\circ 20'$  E., bet. secs. 17 and 18.

Asc. 60 ft. over SE. slope, through timber.

11.50 Rocky spur, slopes SE.; thence over gently rolling land.

26.00 Low ridge, bears NE. and SW.

29.30 Road, bears NW. 5 chs. dist., thence N., and S.  $40^\circ$  E., 5 chs. dist., thence S.  $20^\circ$  E.

39.90 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 12x8x6 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone set alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S 18}{S 17}$$

1940

from which

## Original bearing trees:

A pine, 36 ins. diam., bears S.  $13^\circ$  E., 39 lks. dist., mkd.  $\frac{1}{4}$  S B T.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine, 16 ins. diam., bears S.  $86\frac{1}{2}^{\circ}$  W., 21 lks. dist., mkd.  $\frac{1}{4}$  S B T.

## New bearing tree:

A pine, 9 ins. diam., bears N.  $65\frac{3}{4}^{\circ}$  E., 51 lks. dist., mkd.  $\frac{1}{4}$  S 17 B T.

N.  $1^{\circ} 23'$  E., bet. secs. 17 and 18.

Over rolling land, through timber.

32.94 The cor. of secs. 7, 8, 17, and 18, as evidenced by a stone, 16x14x8 ins., mkd. with 4 grooves on S. and 5 grooves on E. faces, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, W. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, over a cross (+) mkd. on bedrock, with the old cor. stone alongside, and in a mound of stone, 6 ft. base, to top, for cor. of secs. 7, 8, 17, and 18, with brass cap mkd.

T22N R4E	
S 7	S 8
S 18   S 17	
1940	

from which

## Original bearing trees:

The original position of a fallen pine, 24 ins. diam., bears N.  $74\frac{1}{4}^{\circ}$  E., 23 lks. dist. Marks are visible on tree.

A pine, 24 ins. diam., bears S.  $24\frac{3}{4}^{\circ}$  E., 95 lks. dist., marks overgrown.

A pine, 40 ins. diam., bears S.  $72^{\circ}$  W., 35 lks. dist., marks overgrown.

A pine stump, 18 ins. diam., bears N.  $22\frac{1}{2}^{\circ}$  W., 40 lks. dist., no marks visible.

## New bearing trees:

A pine, 12 ins. diam., bears N.  $26\frac{3}{4}^{\circ}$  E., 52 lks. dist., mkd. T 22 N R 4 E S 8 B T.

A pine, 6 ins. diam., bears N.  $11\frac{1}{4}^{\circ}$  W., 15 lks. dist., mkd. T 22 N R 4 E S 7 B T.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine and juniper; undergrowth, small timber.

S.  $89^{\circ} 21'$  E., bet. secs. 8 and 17.

Over rolling land, through timber.

12.70 Drain, course SE.

40.06 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 16x12x10 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

Resurvey of Subdivision of T. 22 N., R. 4 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with old cor. stone buried alongside, and a stone mkd. with a cross (+) deposited at base, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   $\frac{S \ 8}{S \ 17}$   
1940

from which

Original bearing trees:

A pine stump, 28 ins. diam., bears S.  $17\frac{3}{4}^\circ$  W., 62 lks. dist., no marks visible,

The original position of a fallen pine bears N.  $19\frac{1}{4}^\circ$  W., 45 lks. dist. No marks visible on tree.

New bearing trees:

A pine, 8 ins. diam., bears S.  $46\frac{1}{2}^\circ$  W., 28 lks. dist., mkd.  $\frac{1}{4}$  S 17 B T.

A pine, 8 ins. diam., bears N.  $26\frac{3}{4}^\circ$  W., 17 lks. dist., mkd.  $\frac{1}{4}$  S 8 B T.

N.  $89^\circ 55'$  E., bet. secs. 8 and 17.

Over rolling land, through timber.

1.80 Old road, bears N. and S.

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine; undergrowth, small timber.

-----  
From the cor. of secs. 7, 8, 17, and 18.

N.  $85^\circ 29'$  W., bet. secs. 7 and 18.

Desc. 75 ft. over SW. slope, through timber.

20.20 Drain, course SW.; over gently rolling land.

25.50 Forest Service drift fence, bears N.  $70^\circ$  E. and S.  $70^\circ$  W.

35.00 Leave timber, bears N. and S.

35.30 Old road, bears NW. and SE.

39.93 The  $\frac{1}{4}$  sec. cor., as evidenced by a malpais stone, 12x12x8 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   $\frac{S \ 7}{S \ 18}$   
1940

from which

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

A pine, 8 ins. diam., bears S.  $67^{\circ}$  E., 120 lks. dist., mkd.  $\frac{1}{4}$  S 18 B T.

A pine, 8 ins. diam., bears N.  $11\frac{3}{4}^{\circ}$  W., 217 lks. dist., mkd.  $\frac{1}{4}$  S 7 B T.

A house bears N.  $15\frac{1}{4}^{\circ}$  W., 32.80 chs. dist.

An E. and W., Forest Service drift fence bears S., 140 lks. dist.

N.  $84^{\circ} 43'$  W., bet. secs. 7 and 18.

Over rolling land, through scattering timber.

1.60 Road, bears N. and S.

8.00 Enter dense timber, bears NW. and SE.

17.80 Drift fence, bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.

42.63 The cor. of secs. 7, 12, 13, and 18, on W. bdy. of Tp., from which witness cor. bears N.  $0^{\circ} 27'$  E., 50 lks. dist. Land, rolling.  
Soil, rocky, 4th rate.  
Timber, yellow pine; undergrowth, small timber.

-----  
From the cor. of secs. 7, 8, 17, and 18.

N.  $0^{\circ} 32'$  E., bet. secs. 7 and 8.

Over rolling land, through timber.

4.30 Drift fence, bears S.  $85^{\circ}$  W. and N.  $85^{\circ}$  E.; asc. 120 ft. over S. to SE. slope.

23.10 Top of ascent; a round topped hill bears W., 4 chs. dist.; desc. 150 ft. over NE. slope.

34.10 Road, bears N.  $76^{\circ}$  W. and S.  $76^{\circ}$  E.

34.40 Leave timber, bears E. and W.

34.45 Wash, 10 lks. wide, course N.  $70^{\circ}$  W.

39.20 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 14x14x8 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 7 | S 8  
 1940

raise a mound

of stone, 2 ft. base, 2 ft. high, W. of cor.

Old house bears S,  $74\frac{3}{4}^{\circ}$  E., 13.70 chs. dist.

Cor. is alongside of fence cor., from which fences extend E. and N.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

N. 0° 54' E., bet. secs. 7 and 8.

Over nearly level land.

13.60 Wash, 30 lks. wide, course S. 60° W.; asc. 70 ft. over SW. slope; enter timber, bears NE. and SW.

40.40 The cor. of secs. 5, 6, 7, and 8, as evidenced by a stone, 18x14x6 ins., mkd. with 5 grooves on S. and 5 grooves on E. faces, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, with old cor. stone buried alongside, for cor. of secs. 5, 6, 7, and 8, with brass cap mkd.

T22N R4E	
S 6   S 5	
S 7   S 8	
1940	

from which

## Original bearing trees:

A pine, 20 ins. diam., bears N. 42½° E., 70 lks. dist., old blaze open, marks visible.

A pine stump, badly decayed, bears S. 75½° E., 10 lks. dist. Marks visible on pieces of stump lying alongside.

The original position of a fallen pine, badly decayed, bears S. 64½° W., 48 lks. dist. Marks visible on pieces of tree lying on ground.

The original position of a fallen pine bears N. 36½° W., 63 lks. dist. No marks visible on tree.

## New bearing trees:

A pine, 14 ins. diam., bears S. 21¼° E., 73 lks. dist., mkd. T 22 N R 4 E S 8 B T.

A juniper, 6 ins. diam., bears S. 25¼° W., 47 lks. dist., mkd. T 22 N R 4 E S 7 B T.

A pine, 6 ins. diam., bears N. 44½° W., 14 lks. dist., mkd. T 22 N R 4 E S 6 B T.

Land, rolling.

Soil, gravelly and rocky, 3d and 4th rate.

Timber, pine and juniper; undergrowth, small timber.

N. 89° 42' E., bet. secs. 5 and 8.

Over rolling land, through timber.

6.20 Drain, course SW.; asc. 25 ft. over SW. slope.

16.70 Low spur, slopes SW.; desc. 35 ft. over SE. slope.

21.40 Drain, course SW.; asc. 50 ft. over SW. slope.

28.60 Low spur, slopes SW.; desc. 20 ft. over SE. slope.

38.10 Drain, course S. 40° W.; asc. 15 ft.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

39.82 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 16x10x8 ins., mkd.  $\frac{1}{4}$  on N. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with old cor. stone buried alongside, and a stone mkd. with a cross (+) deposited at base, and in a mound of stone, 4 ft. base, to top, for  $\frac{1}{4}$  sec. cor. with brass cap mkd.

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

1940

from which

Original bearing trees:

A pine stump, 24 ins. diam., bears S.  $85\frac{1}{2}^{\circ}$  E., 72 lks. dist.; no marks visible.

A pine, 30 ins. diam., bears S.  $39\frac{1}{2}^{\circ}$  W., 92 lks. dist., marks overgrown.

New bearing trees:

A pine, 6 ins. diam., bears N.  $46\frac{3}{4}^{\circ}$  E., 28 lks. dist., mkd.  $\frac{1}{4}$  S 5 B T.

A pine, 6 ins. diam., bears S.  $14\frac{1}{2}^{\circ}$  W., 19 lks. dist., mkd.  $\frac{1}{4}$  S 8 B T.

S.  $89^{\circ} 36'$  E., bet. secs. 5 and 8.

Over rolling land, through timber.

2.50 Low spur, slopes S.

2.90 Drain, course SW.; asc. 25 ft.

6.50 Road, bears NE. and SW.; low spur slopes S.; descend slightly.

8.00 Drain, course SW.; asc. 50 ft.

11.00 Low spur, slopes SW.; desc. 20 ft.

16.71 Old house bears N., 54 lks. dist.

25.20 Road, bears S.  $60^{\circ}$  W. to Williams and N.  $60^{\circ}$  E. to Spring Valley.

26.90 Drain, course S.  $70^{\circ}$  W.; asc. 50 ft. over SW. slope.

40.01 The cor. of secs. 4, 5, 8, and 9.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine, oak, and juniper; undergrowth, small timber.

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## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

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

N. 89° 50' W., bet. secs. 6 and 7.

Over rolling land, through timber.

0.70 Drain, course S. 30° W.

2.00 Spur, slopes SW.

13.50 Drain, 10 lks. wide, course S. 30° W.

22.60 Drain, 10 lks. wide, course S.

24.00 Spur, slopes SW.

37.90 Desc. 25 ft. over NW. slope.

39.83 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 16x12x4 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, N. of cor.

At point cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{c} S \ 6 \\ S \ 7 \\ 1940 \end{array}$$

from which

## Original bearing trees:

A pine, 16 ins. diam., bears N. 30 $\frac{1}{4}$ ° E., 19 lks. dist., mkd.  $\frac{1}{4}$  S B T.

A pine, 18 ins. diam., bears S. 34° E., 15 lks. dist., marks overgrown.

Cor. is in a draw, 1 ch. wide, course S. 20° W.

N. 80° 42' W., bet. secs. 6 and 7.

Over gently rolling land, through timber.

0.20 Road, bears S. 20° W. and N. 20° E.

11.60 Road, bears N. 35° W. and S. 35° E.

30.20 Road, bears N. 30° W. and S. 30° E.

42.70 Road, bears N. 65° W. and S. 65° E.

43.41 The cor. of secs. 1, 6, 7, and 12, on W. bdy. of Tp:

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine, oak, and juniper; undergrowth, small timber.

## Resurvey of Subdivision of T. 22 N., R. 4 E.

## Chains

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

N. 0° 03' E., bet. secs. 5 and 6.

Over rolling land, through timber.

- 8.70 Drain, course S. 20° W.; asc. 35 ft.
- 14.00 Spur, slopes SW.; desc. 30 ft.
- 17.90 Drain, 20 lks. wide, course S. 20° W.; asc. 120 ft. over SE. slope.
- 27.00 Spur, slopes S. 25° W.; desc. 15 ft.
- 32.50 Ravine, course S. 30° W.; asc. 100 ft. over SE. slope.
- 38.00 Spur, slopes S. 30° W.; desc. 10 ft. over NW. slope.
- 39.24 The  $\frac{1}{4}$  sec. cor., as evidenced by a stone, 16x8x8 ins., mkd.  $\frac{1}{4}$  on W. face, firmly set in ground, with a mound of stone, 3 ft. base, 1 ft. high, W. of cor.
- At point for cor.
- Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with old cor. stone buried alongside, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.
- S 6 | S 5  
1940
- from which
- Original bearing trees:
- An oak stump bears S. 39 $\frac{1}{2}$ ° E., 72 lks. dist., mkd.  $\frac{1}{4}$  S B T.
- A pine, 26 ins. diam., bears S. 61° W., 56 lks. dist., mkd.  $\frac{1}{4}$  S B T.
- New bearing tree:
- A pine, 6 ins. diam., bears S. 56 $\frac{1}{2}$ ° E., 19 lks. dist., mkd.  $\frac{1}{4}$  S 5 B T.
- The top of a hill bears N. 21 $\frac{1}{2}$ ° W., about 33 chs. dist.
- N. 4° 07' W., bet. secs. 5 and 6.
- Over rolling land, through timber and undergrowth.
- 1.50 Ravine, course S. 30° W.; asc. 50 ft. over SE. slope.
- 6.00 Same ravine, course S. 10° E.; asc. 225 ft. over SW. slope.
- 17.50 Spur, slopes SE.; asc. 510 ft. over SE. slope.
- 32.50 Drain, course SE.
- 40.00 Top of hill, from which another hill bears S. 54° E., about 15 chs. dist.; desc. 245 ft. over NE. slope.
- 48.07 The cor. of secs. 5, 6, 31, and 32, on N. bdy. of Tp.
- Land, rolling mountainous.  
Soil, rocky, 4th rate.  
Timber, pine, oak, and juniper; undergrowth, thorny locust, cliff rose, and small timber.
-

## Township 22 North, Range 4 East.

Final Test of Solar Attachments.

October 20, 1940, in camp, every 30 minutes from 8 to 10:30 a.m., and from 1:30 to 5 p.m., we make the proper settings on the arcs of the solar attachments and ascertain that the resulting orientation of each instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1' 30".

General Description.

The land in this township is generally rolling, with an average elevation of about 7000 ft. above sea level. The point of highest elevation is on the north one-half of the line between sections 5 and 6. Government Prairie, a gently rolling grass land, includes almost the entire northeast one quarter of the township.

The volcanic ash soil is rocky, 3d and 4th rate, and, excepting Government Prairie, supports a heavy stand of yellow pine timber. There are scattering growths of white oak and juniper. The undergrowth consists mainly of second growth and small timber. The entire timbered area has been logged extensively, about the year 1900.

N E Spring is located in the SE.  $\frac{1}{4}$  of section 17, it is enclosed by a concrete box, as is a spring in the NW.  $\frac{1}{4}$  of sec. 15. Little Spring is located in the NE.  $\frac{1}{4}$  of section 10, and another spring is in the SE.  $\frac{1}{4}$  of sec. 24. There are several water courses in the township, but no flowing streams. The general course of the drainage is southwesterly. Water for livestock is stored to some extent by small earth dams, constructed in the water courses.

U. S. Highway No. 66 crosses the southern portion of the township in an easterly-westerly direction, along which is located the village of Parks, near the  $\frac{1}{4}$  section corner of sections 26 and 27. The Fireside Inn and Mr. Gleason's farm are also along the highway, in the northern part of sections 27 and 28. The old Grand Canyon Highway extends northerly from U. S. Highway No. 66 along the second meridional section line. There are some ranch and farm houses located along this old highway. The main line of the Atchison, Topeka, and Santa Fe Railroad also traverses the southern portion of the township to the south of U. S. Highway No. 66. The railroad station in the village of Maine is located in the southern part of section 26. There are secondary roads over most of the township.

The principal industry is stock grazing, as there is an excellent growth of native grasses over most of the area during the summer months.

No evidence of mineral deposits was noted in the township.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

BOOK 3389

FIELD ASSISTANTS

NAMES	CAPACITY
George B. Mac Devitt	Principal Assistant
Clair Pearson	Principal Assistant
Donald Gifford	Principal Assistant
John Korfanta	Principal Assistant
Ernest Crofford	Chainman
Jack Williams	Chainman
Clarence Liles	Chainman
William A. Peace	Chainman
John Boggs	Truckdriver
Wesley B. Farley	Truckdriver
John Drazevich	Flagman
David Apperson	Flagman
Forrest Wallace	Flagman
Durward Schrader	Flagman
Blair Knudsen	Axeman
Charles W. Shadle	Axeman
Roy Mashburn	Axeman
Fred Shubin	Axeman
Thomas W. West	Axeman
William L. Sanders	Axeman

96

EC 117 0333

### CERTIFICATE OF SURVEYOR

We, Horace M. Muscott, Surveyor, Paul E. Sandoz Jr. and G. Marvin Litz,  
Public Land Surveyors, General Land Office, HEREBY CERTIFY upon honor that, in  
 pursuance of special instructions bearing date of the 13 th. day of August, 1940,  
 received from the district cadastral engineer for Arizona, with assignment  
 instructions dated September 1, 1940, we have dependently resurveyed the  
East boundary of Township 22 North, Range 4 East; and the North and  
West boundaries and subdivisional lines of Township 22 North, Range  
4 East,

River  
 of the Gila and Salt Meridian, in the State of Arizona, which are  
 represented in the foregoing field notes as having been executed by us and under our  
 direction; and that said  
 re survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
 of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Glendale, California.  
February 7, 1941.  
Glendale, California.  
February 7, 1941.  
Glendale, California.  
February 7, 1941.

Horace M. Muscott  
 Surveyor  
Paul E. Sandoz Jr.  
 Public Land Surveyor  
G. Marvin Litz  
 Public Land Surveyor  
 General Land Office.

### CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,  
 Denver, Colorado, January 28, 1946

The foregoing field notes of the dependent resurvey of the East boundary of  
Township 22 North, Range 4 East; and the North and West boundaries and  
subdivisional lines of Township 22 North, Range 4 East, of the Gila  
and Salt River Meridian, in the state of Arizona,

Horace M. Muscott, Surveyor, Paul E. Sandoz Jr. and G. Marvin  
executed by Litz, Public Land Surveyors, General Land Office,  
 under special instructions dated August 13, 1940, and assignment  
 instructions dated September 1, 1940, having been critically examined, and  
 the necessary corrections made prior to their certification by the engineer, the said field notes, and the <sup>re</sup> survey  
 therein described, are hereby approved.

[Signature]  
 Supervisor of Surveys.

### CERTIFICATE OF TRANSCRIPT

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~  
~~is a true copy of the original field notes on file in the public survey office.~~

Supervisor of Surveys.