

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4337

Book E

FIELD NOTES

Of the Dependent Resurvey of

The West Boundary, North Boundary and

Subdivisional Lines of

Township 22 North, Range 2 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

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Under special instructions dated December 19, 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 February 10, 1941

and assignment instructions dated May 9, 1941 and September 19, 1941.

Survey commenced September 6, 1941

Survey completed September 27, 1941

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BOOK 4887

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Township 22 North, Range 2 East.

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The resurveys herein described were executed with Buff light mountain solar transits, Serial Nos. 16,730 and 9984, constructed in accordance with the standard specifications of the General Land Office. Each instrument has a horizontal circle $4\frac{1}{2}$ ins. in diameter, with two double opposite verniers reading to single minutes; the vertical circles are 4 ins. in diameter, each with one double vernier reading to single minutes. The instruments are equipped with the improved Smith solar attachment; radius of the latitude arc 3 ins. and of the declination arc $3\frac{1}{2}$ ins., with verniers reading to single minutes.

The instruments were in good condition, and having been placed in satisfactory adjustment prior to beginning the resurvey, and tested and found free from appreciable error, were approved by the district cadastral engineer on May 9, 1941, conditional upon satisfactory field tests. All instrumental adjustments were examined before making the field tests hereinafter recorded.

The directions of all lines were determined by the solar transit method. The measurements were made with Lallie and Lufkin steel tapes, 5 chains in length, graduated every link for the first 100 links, and thereafter 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 gives the geographic position for the SE. cor. of T. 22 N., R. 2 E. as follows: latitude $35^{\circ} 14\frac{1}{4}'$ N., and longitude $112^{\circ} 07' 30''$ W.

Test of Buff Transits Nos. 16730 and 9984.

September 7, 1941, on the meridian described in the field notes of the resurvey of T. 21 N., R. 5 E., at 9h 00m a.m., app. t., set off $35^{\circ} 10'$ on the lat. arcs, $6^{\circ} 03\frac{1}{2}'$ N. on the decl. arcs, and determine a meridian with the solar attachments, which agrees with the true meridian.

At app. noon with the lat. arcs unchanged, observe the sun on the meridian and obtain a reading of $6^{\circ} 00\frac{1}{2}'$ N. on the decl. arcs, which agrees with the computed decl. of the sun.

At 3h 00m p.m., app. t., with the lat. arcs unchanged, set off $5^{\circ} 58'$ N. on the decl. arcs, and determine a meridian with the solar attachments, which agrees with the true meridian.

Preliminary to the resurvey, the lines of the original 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 retracement data are thoroughly verified and only the true line notes are given herein.

BOOK 4337

Resurvey of W. Bdy. of T. 22 N., R. 2 E.

Chains

Reestablishment of surveys executed by W. R. Fitzgerald, Deputy Surveyor, in 1883, and T. F. Myers, U. S. F. S. Surveyor, in 1924.

From the cor. of Ts. 21 and 22 N., Rs. 1 and 2 E., described in the field notes of the N. bdy. of T. 21 N., R. 2 E., resurveyed under this group.

N. $0^{\circ} 19'$ W., bet. secs. 31 and 36.

Over level land, through scattering timber.

7.50 Road, bears NE. and SW.

7.70 Cor. No. 10 of H. E. S. No. 630, Tract B; a malpais stone, 16x5 ins., 10 ins. above ground, mkd. and witnessed as described in the official record.

24.37 Cor. No. 7 of H. E. S. No. 630, Tract B; a malpais stone, 10x8 ins., 8 ins. above ground, mkd. and witnessed as described in the official record.

From this cor. Fred Boyd's ranch house bears S. $48\frac{1}{2}^{\circ}$ E., 4.08 chs. dist., and a wire fence bears N., E., and W.

24.90 Cor. No. 2 of H. E. S. No. 630, Tract A; a malpais stone, 20x4 ins., 10 ins. above ground, mkd. and witnessed as described in the official record.

39.84 The $\frac{1}{4}$ sec. cor. and cor. No. 1 of H. E. S. No. 630, Tract A, as evidenced by a malpais stone, 10x6x4 ins., mkd. $\frac{1}{4}$ on W. face.

At point for cor.

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

$\frac{1}{4}$
 S 36 | S 31
 1941

from which

A pine, 6 ins. diam., bears S. 87° E., 379 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

A pine, 6 ins. diam., bears N. 15° W., 100 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.

Percy Benson's house bears N. $27\frac{3}{4}^{\circ}$ E.

From cor. fences extend N., S., and W.

N. $0^{\circ} 17'$ W., bet. secs. 31 and 36.

Over level meadow land.

39.86 The cor. of secs. 25, 30, 31, and 36, as evidenced by a malpais stone, 25x10x5 ins., mkd. with 5 notches on N., and 1 notch on S. edges, with a mound of stone W. of cor.

At point for cor.

Resurvey of W. Bdy. of T. 22 N., R. 2 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 25, 30, 31, and 36, with brass cap mkd.

T22N	
R1E	R2E
S 25	S 30
S 36	S 31
1941	

from which

A pine, 6 ins. diam., bears N. $48\frac{1}{2}^{\circ}$ E., 13 lks. dist., mkd. T 22 N R 2 E S 30 B T.

A pine, 6 ins. diam., bears S. 47° E., 204 lks. dist., mkd. T 22 N R 2 E S 31 B T.

A pine, 6 ins. diam., bears S. $41\frac{1}{2}^{\circ}$ W., 162 lks. dist., mkd. T 22 N R 1 E S 36 B T.

No NW. bearing tree available.

Percy Benson's house bears S. $67\frac{1}{2}^{\circ}$ E.

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

Land, level.

Soil, clay and gravel, 3d rate.

Timber, scattering second growth yellow pine; undergrowth, none.

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

Over rolling land, through scattering timber and undergrowth.

- 0.50 Fence, bears E. and W.
- 0.80 Road, bears E. and W.
- 1.10 Fence, bears E. and W.; enter Williams Country Club golf course.
- 10.00 Williams Country Club House bears N. $58\frac{1}{4}^{\circ}$ E.
- 26.36 Leave golf course, fence bears E. and W.; asc. 108 ft. over SE. slope.
- 40.72 The $\frac{1}{4}$ sec. cor. as evidenced by a malpais stone, badly decomposed, no markings evident, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

↑	
S 25	S 30
1941	

from which

BOOK 4337

Resurvey of W. Bdy. of T. 22 N., R. 2 E.

Chains

Old bearing tree:

Decayed stump bears S. 55° E., 13 lks. dist.,
 markings illegible.

New bearing trees:

A pine, 18 ins. diam., bears N. 12½° E., 35 lks.
 dist., mkd. ¼ S 30 B T.

A juniper, 4 ins. diam., bears N. 75° W., 18 lks.
 dist., mkd. ¼ S 25 B T.

N. 0° 28' W., bet. secs. 25 and 30.

Asc. 226 ft. over SE. slope, thru pine timber and
 scattering undergrowth.

10.70 Small drain, course SE.; continue ascent.

17.45 Williams Country Club House bears S. 15¾° E.

23.50 Spur, slopes E.; desc. 217 ft. along an E. to NE. slope.

34.00 Drain, course E.; asc. 22 ft. over S. slope.

39.03 The cor. of secs. 19, 24, 25, and 30; as evidenced by a
 malpais stone, 24x12x6 ins., mkd. with 2 notches on S.
 and 4 notches on N. edges.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
 the ground, with the original stone buried alongside,
 for cor. of secs. 19, 24, 25, and 30, with brass cap mkd.

T22N	
R1E	R2E
S 24	S 19
S 25	S 30
1941	

from which

Old bearing tree:

A yellow pine, 24 ins. diam., bears S. 10° W., 36
 lks. dist., markings overgrown. I remark this tree:
 T 22 N R 1 E S 25 B T.

New bearing trees:

A pine, 6 ins. diam., bears N. 45½° E., 68 lks.
 dist., mkd. T 22 N R 2 E S 19 B T.

A pine, 20 ins. diam., bears S. 51½° E., 104 lks.
 dist., mkd. T 22 N R 2 E S 30 B T.

A juniper, 6 ins. diam., bears N. 60° W., 39 lks.
 dist., mkd. T 22 N R 1 E S 24 B T.

Land, rolling mountainous.

Soil, clay and rocky, 4th rate.

Timber, yellow pine and scattering juniper; undergrowth,
 scrub oak and locust.

Resurvey of W. Bdy. of T. 22 N., R. 2 E.

Chains

N. 1° 22' W., bet. secs. 19 and 24.

Asc. 374 ft. over a S. to SE. slope, through scattering timber and dense undergrowth.

24.50 Spur, slopes E.; along E. slope.

32.70 Spur, slopes E.; desc. 207 ft. over N. slope.

38.21 The $\frac{1}{4}$ sec. cor. as evidenced by a squared stake $\frac{1}{4}$ S on W. face.

At point for cor.

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

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 24 \mid \text{S } 19 \\ | \\ 1941 \end{array}$$

from which

Old bearing tree:

A pine, 24 ins. diam., nearly dead, bears N. 16 $\frac{1}{4}$ ° W., 62 lks. dist., markings overgrown.

New bearing trees:

A pine, 6 ins. diam., bears S. 61 $\frac{1}{2}$ ° E., 58 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

A pine, 6 ins. diam., bears N. 84 $\frac{1}{2}$ ° W., 13 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.

N. 0° 13' E., bet. secs. 19 and 24.

Desc. 204 ft. over N. slope.

14.50 Drain, course N. 20° W.; continue descent.

24.50 Thence over rolling land, thru scattering timber and undergrowth.

41.44 The cor. of secs. 13, 18, 19, and 24, as evidenced by a malpais stone, 16x10x6 ins., mkd. with 3 notches on each of the N. and S. edges, T22N on W. face, and R2E on E. face.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 13, 18, 19, and 24, with brass cap mkd.

$$\begin{array}{c} \text{T22N} \\ \text{R1E} \mid \text{R2E} \\ \text{S } 13 \mid \text{S } 18 \\ \hline \text{S } 24 \mid \text{S } 19 \\ 1941 \end{array}$$

from which

Old bearing tree:

A yellow pine, 30 ins. diam., bears S. 61 $\frac{1}{4}$ ° E., 286 lks. dist., mkd. T 22 N R 2 E S 19 B T.

Resurvey of W. Bdy. of T. 22 N., R. 2 E.

Chains

New bearing trees:

A pine, 6 ins. diam., bears N. $62\frac{1}{2}^{\circ}$ E., 164 lks. dist., mkd. T 22 N R 2 E S 18 B T.

A pine, 8 ins. diam., bears S. 66° W., 100 lks. dist., mkd. T 22 N R 1 E S 24 B T.

A pine, 6 ins. diam., bears N. $85\frac{1}{2}^{\circ}$ W., 105 lks. dist., mkd. T 22 N R 1 E S 13 B T.

Land, rolling mountainous.

Soil, clay and gravel, 4th rate.

Timber, yellow pine with some pinon, oak, and juniper; undergrowth, oak, thorny locust, and mountain mahogany.

N. $0^{\circ} 14'$ E., bet. secs. 13 and 18.

Over gently rolling land, through scattering timber and undergrowth.

40.00 The $\frac{1}{4}$ sec. cor., as evidenced by a sandstone, 20x7x5 ins., mkd. $\frac{1}{4}$ on W. face.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
 S 13 | S 18
 1941

from which

Old bearing tree:

The stump of a dead and fallen pine bears S. 50° E., 90 lks. dist., part of marks visible.

New bearing trees:

A pine, 18 ins. diam., bears S. $23\frac{1}{2}^{\circ}$ E., 178 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

A pine, 5 ins. diam., bears N. $16\frac{1}{2}^{\circ}$ W., 25 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.

N. $0^{\circ} 26'$ W., bet. secs. 13 and 18.

38.50 The cor. of secs. 7, 12, 13, and 18, as evidenced by a malpais stone, 21x10x4 ins., mkd. with 2 notches on N. and 4 notches on S. faces, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the old stone buried alongside, for cor. of secs. 7, 12, 13, and 18, with brass cap mkd.

Resurvey of W. Bdy. of T. 22 N., R. 2 E.

Chains

T22N	
R1E	R2E
S 12	S 7
S 13	S 18

1941

from which

Old bearing trees:

A white oak, 10 ins. diam., bears S. $7\frac{1}{4}^{\circ}$ E., 26 lks. dist., marks overgrown. I remark this tree:
T 22 N R 2 E S 18 B T.

A white oak, 10 ins. diam., bears S. 31° W., 21 lks. dist., marks overgrown. I remark this tree:
T 22 N R 1 E S 13 B T.

New bearing trees:

A pine, 6 ins. diam., bears N. $61\frac{1}{2}^{\circ}$ E., 197 lks. dist., mkd. T 22 N R 2 E S 7 B T.

A juniper, 5 ins. diam., bears N. 76° W., 147 lks. dist., mkd. T 22 N R 1 E S 12 B T.

Land, rolling mountainous.

Soil, clay and gravel, 4th rate.

Timber, scattering pine, pinon, oak, and juniper; undergrowth, thorny locust, oak, and mountain mahogany.

N. $0^{\circ} 02'$ W., bet. secs. 7 and 12.

Over rolling land, through scattering timber.

39.97 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 24x10x5 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., 8 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	
S 12	S 7
1941	

from which

Old bearing tree:

A juniper, 16 ins. diam., bears S. $4\frac{1}{2}^{\circ}$ W., 9 lks. dist., marks illegible. I remark this tree:
 $\frac{1}{4}$ S 12 B T.

New bearing tree:

A juniper, 6 ins. diam., bears S. $80\frac{1}{2}^{\circ}$ E., 165 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

N. $0^{\circ} 13'$ E., bet. secs. 7 and 12.

Resurvey of W. Bdy. of T. 22 N., R. 2 E.

Chains

40.24 The cor. of secs. 1, 6, 7, and 12, as evidenced by a malpais stone, 20x10x5 ins., mkd. with 1 notch on N. and 5 notches on S. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, with the old stone buried alongside, and in a mound of stone to top, for cor. of secs. 1, 6, 7, and 12, with brass cap mkd.

T22N				
R1E		R2E		
S	1	S	6	
S	12	S	7	
1941				

from which

Old bearing trees:

A pine, 16 ins. diam., bears S. $38\frac{1}{4}^{\circ}$ E., 155 lks. dist., mkd. T 22 N R 2 E S 7 B T.

A juniper, nearly destroyed by lightning, bears N. 30° W., 141 lks. dist., no marks remain.

New bearing trees:

A pine, 20 ins. diam., bears N. 36° E., 240 lks. dist., mkd. T 22 N R 2 E S 6 B T.

A juniper, 6 ins. diam., bears S. $69\frac{1}{2}^{\circ}$ W., 242 lks. dist., mkd. T 22 N R 1 E S 12 B T.

From cor. a fence bears N. $0\frac{1}{2}^{\circ}$ E., and S. $0\frac{1}{2}^{\circ}$ W., 38 lks. dist., thence S. 44° E.

Land, gently rolling.

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

Timber, scattering pine, pinon, and juniper; undergrowth, scrub oak and thorny locust.

N. $0^{\circ} 10'$ E., bet. secs. 1 and 6.

Over gently rolling land, through scattering timber.

29.50 Drain, course N. 60° W.

40.26 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 16x10x4 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., 16 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$			
S	1	S	6
1941			

from which

Resurvey of W. Bdy. of T. 22 N., R. 2 E.

Chains

Old bearing tree:

A juniper, 50 ins. diam., bears N. 40° E., 89 lks. dist., mkd. $\frac{1}{4}$ S B T.

New bearing tree:

A pine, 14 ins. diam., bears S. 25 $\frac{1}{2}$ ° W., 116 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

East of cor., 20 lks. dist., a fence bears N. and S.

N. 0° 45' E., bet. secs. 1 and 6.

Over gently rolling land.

40.22 The cor. of Ts. 22 and 23 N., Rs. 1 and 2 E., as evidenced by an old mound of stone.

At point for cor. in the center of the mound,

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, for cor. of Ts. 22 and 23 N., Rs. 1 and 2 E., with brass cap mkd.

T23N	
R1E	R2E
S 36	S 31
S 1	S 6
T22N	
1941	

from which

Old bearing tree:

A juniper, 30 ins. diam., bears S. 4 $\frac{1}{2}$ ° W., 220 lks. dist., mkd. T 22 N R 1 E S 1 B T.

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

From cor. fences extend N., S., E., and W.

Land, gently rolling.

Soil, clay and gravel, 4th rate.

Timber, scattering pinon and juniper; undergrowth, none.

Resurvey of N. Bdy. of T. 22 N., R. 2 E.

Reestablishment of surveys executed by W. R. Fitzgerald, Deputy Surveyor, in 1883.

From the cor. of Ts. 22 and 23 N., Rs. 2 and 3 E., described in the field notes of the N. bdy. of T. 22 N., R. 3 E., resurveyed under this group.

S. 89° 32' W., bet. secs. 1 and 36.

Resurvey of N. Bdy. of T. 22 N., R. 2 E.

Chains	land
	Over gently rolling/ through scattering timber.
8.60	Road, bears NE. and westerly.
8.80	Fence cor. from which fences extend NE. and irregularly W.
20.30	Drain, course N.
40.30	The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 20x9x4 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., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \begin{array}{r} \text{S } 36 \\ \hline \text{S } 1 \\ 1941 \end{array}$
	from which
	A juniper limb, 8 ins. diam., bears N. 68° E., 177 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.
	A juniper, 6 ins. diam., bears S. 15° W., 228 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.
	N. 89° 36' W., bet. secs. 1 and 36.
	Over gently rolling land, along fence bearing irregularly E. and W.
25.40	Small knoll, slopes S.
40.38	The cor. of secs. 1, 2, 35, and 36, as evidenced by a malpais stone, 24x10x6 ins., mkd. with 1 notch on E. and 5 notches on W. edges, with a mound of stone W. of cor.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone to top, for cor. of secs. 1, 2, 35, and 36, with brass cap mkd.
	$\begin{array}{r} \text{T23N R2E} \\ \text{S } 35 \text{S } 36 \\ \hline \text{S } 2 \text{S } 1 \\ \text{T22N} \\ 1941 \end{array}$
	raise a mound
	of stone, 4 ft. base, 3 ft. high, W. of cor.
	Land, gently rolling.
	Soil, clay and gravel, 3d and 4th rate.
	Timber, scattering pinon, pine, and juniper; undergrowth, none.

Resurvey of N. Bdy. of T. 22 N., R. 2 E.

Chains	
	N. 83° 31' W., bet. secs. 2 and 35.
	Over gently rolling land, through scattering timber.
12.00	Top of small knoll.
36.95	The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 16x12x4 ins., mkd. $\frac{1}{4}$ on N. face, 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 the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \frac{S \ 35}{S \ 2}$ 1941
	raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
	S. 89° 33' W., bet. secs. 2 and 35.
14.80	State Highway No. 64, bears N. to Grand Canyon, and S. to Williams.
34.30	Fence, bears N. 5° W. and S. 5° E.
39.08	The point for the cor. of secs. 2, 3, 34, and 35, as determined from the original bearing tree.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, with brass cap mkd.
	$\begin{array}{c} T23N \ R2E \\ S \ 34 \ \ S \ 35 \\ S \ 3 \ \ S \ 2 \\ T22N \\ 1941 \end{array}$
	from which
	The original bearing tree:
	A pinon, 24 ins. diam., bears N. 30° E., 49 lks. dist., marks nearly overgrown. I remark this tree: T 23 N R 2 E S 35 B T.
	New bearing trees:
	A pinon, 8 ins. diam., bears S. 60½° E., 57 lks. dist., marked T 22 N R 2 E S 2 B T.
	A pinon, 8 ins. diam., bears S. 54° W., 45 lks. dist., mkd. T 22 N R 2 E S 3 B T.
	A pinon, 6 ins. diam., bears N. 22° W., 69 lks. dist., mkd. T 23 N R 2 E S 34 B T.
	Land, gently rolling.
	Soil, clay and gravel, 3d and 4th rate.
	Timber, scattering pinon and juniper; undergrowth, none.

Resurvey of N. Bdy. of T. 22 N., R. 2 E.

Chains

N. 84° 46' W., bet. secs. 3 and 34.

Over rolling land, through scattering timber.

39.61 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 12x10x6 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., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\frac{1}{4} \begin{array}{r} \text{S } 34 \\ \text{S } 3 \\ 1941 \end{array}$$

from which

A juniper, 4 ins. diam., bears N. 52° W., 88 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.A juniper, 6 ins. diam., bears S. 20° W., 115 lks. dist., mkd. $\frac{1}{4}$ S 3 B T.

S. 85° 30' W., bet. secs. 3 and 34.

Over rolling land, through scattering timber.

27.40 Road, bears N. 70° E. and S. 70° W., about 3 chs. dist., thence W.

31.00 Road, bears N. and S. about 0.75 chs. dist. to E.-W. road.

40.10 The cor. of secs. 3, 4, 33, and 34, as evidenced by a malpais stone, 16x12x4 ins., faintly mkd. with 3 notches on each of the E. and W. faces, with a mound of stone N. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 3, 4, 33, and 34, with brass cap mkd.

$$\begin{array}{r} \text{T23N R2E} \\ \text{S } 33 \mid \text{S } 34 \\ \text{S } 4 \mid \text{S } 3 \\ \text{T22N} \\ 1941 \end{array}$$

raise a mound

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

From cor. fences extend N., E., and W.

Land, gently rolling.

Soil, clay and gravel, 4th rate.

Timber, scattering pinon and juniper; undergrowth, none.

Resurvey of N. Bdy. of T. 22 N., R. 2 E.

Chains

S. 85° 01' W., bet. secs. 4 and 33.

Over gently rolling land, through scattering timber.

2.10 Grand Canyon branch of the Atchison, Topeka, and Santa Fe railroad, bears generally N. and S.

4.10 State Highway No. 64, bears N. to Grand Canyon and S. to Williams. (This is the old location of the highway).

24.20 Desc. 40 ft. over W. slope.

33.70 Small canyon with drain in bottom, course N. 10° W.; leave scattering timber; asc. 80 ft. over gentle E. slope.

39.78 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 10x5x3 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., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \text{ S } 33 \\ \hline \text{S } 4 \\ 1941 \end{array}$$

from which

Old bearing tree:

A yellow pine, 22 ins. diam., bears N. 73° E., 56 lks. dist., marks nearly overgrown. I remark this tree: $\frac{1}{4}$ S 33 B T.

New bearing tree:

A pine, 24 ins. diam., bears S. 35° E., 103 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.

S. 88° 59' W., bet. secs. 4 and 33.

Over gently rolling land.

40.47 The cor. of secs. 4, 5, 32, and 33, as evidenced by a malpais stone, 20x10x6 ins., mkd. with 4 notches on E. and 2 notches on W. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 4, 5, 32, and 33, with brass cap mkd.

$$\begin{array}{r} \text{T23N R2E} \\ \text{S } 32 \text{ | S } 33 \\ \hline \text{S } 5 \text{ | S } 4 \\ \text{T22N} \\ 1941 \end{array}$$

from which

A juniper limb, 6 ins. diam., bears N. 67° E., 396 lks. dist., mkd. T 23 N R 2 E S 33 B T.

No other bearing trees available.

Resurvey of N. Bdy. of T. 22 N., R. 2 E.

Chains

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

Fences extend E. and W. from cor.

Land, gently rolling.

Soil, clay and gravel, 4th rate.

Timber, very scattering juniper and pinon; undergrowth,
none.

S. 88° 56' W., bet. secs. 5 and 32.

Over gently rolling land.

17.20 Desc. 105 ft. over W. slope.

29.10 Junction of two small drains, course N. 20° E. from
S. 30° W. and S. 30° E.; asc. 85 ft. over E. slope.

40.14 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 16x9x4
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., 18 ins. in the
ground to bed rock, with the original stone buried along-
side, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.,
with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} \text{S } 32 \\ \text{S } 5 \\ 1941 \end{array}$$

from which

A pinon, 6 ins. diam., bears N. 33 $\frac{1}{2}$ ° E., 96 lks.
dist., mkd. $\frac{1}{4}$ S 32 B T.

A juniper, 5 ins. diam., bears S. 59 $\frac{1}{2}$ ° W., 244 lks.
dist., mkd. $\frac{1}{4}$ S 5 B T.

S. 89° 15' W., bet. secs. 5 and 32.

Over gently rolling land, along fence.

40.65 The cor. of secs. 5, 6, 31, and 32, as evidenced by a
malpais stone, 12x8x5 ins., set in a mound of stone,
mkd. with 5 notches on E. and 1 notch on W. edges.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground, with the original stone buried alongside,
for cor. of secs. 5, 6, 31, and 32, with brass cap mkd.

$$\begin{array}{r} \text{T23N R2E} \\ \text{S } 31 \mid \text{S } 32 \\ \text{S } 6 \mid \text{S } 5 \\ \text{T22N} \\ 1941 \end{array}$$

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

Resurvey of N. Bdy. of T. 22 N., R. 2 E.

Chains

From cor. fences extend E. and W.

Land, gently rolling.

Soil, clay and gravel, 4th rate.

Timber, very scattering pinon and juniper; undergrowth, none.

S. 88° 58' W., bet. secs. 6 and 31.

Over gently rolling land.

40.52 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 12x10x5 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., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} S \ 31 \\ S \ 6 \\ 1941 \end{array}$$

from which

A juniper, 8 ins. diam., bears N. 79° W., 389 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

A juniper, 6 ins. diam., bears S. 66 $\frac{1}{2}$ ° W., 309 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.

S. 89° 08' W., bet. secs. 6 and 31.

Over gently rolling land.

40.39 The cor. of Ts. 22 and 23 N., Rs. 1 and 2 E., described in the field notes of the W. bdy. of T. 22 N., R. 2 E., resurveyed under this group.

Land, gently rolling.

Soil, rocky, 4 th rate.

Timber, very scattering pinon and juniper; undergrowth, none.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Reestablishment of surveys executed by W. R. Fitzgerald, Deputy Surveyor, in 1883.

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

N. 0° 03' W., bet. secs. 35 and 36.

Over rolling land, through timber and undergrowth, along W. side of drift fence.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

40.08

The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 16x8x8 ins., mkd. $\frac{1}{4}$ on W. face, 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., 20 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 35 \text{ | S } 36 \\ | \\ 1941 \end{array}$$

from which

Old bearing trees:

A pine, 28 ins. diam., bears S. $29\frac{1}{2}^{\circ}$ E., 29 lks. dist., mkd. $\frac{1}{4}$ S B T.

A pine, dead and decaying, bears S. $9\frac{1}{4}^{\circ}$ W., 28 lks. dist., mkd. $\frac{1}{4}$ S B T.

New bearing tree:

A pine, 6 ins. diam., bears S. 46° W., 49 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.

N. $0^{\circ} 27'$ E., bet. secs. 35 and 36.

Over rolling land, through timber and undergrowth, along W. side of fence.

7.60 Fence, bears NW. and SE.

8.60 Telephone line, bears NW. and SE.

9.20 Atchison, Topeka, and Santa Fe R. R., 2 tracks, bears N. $78\frac{1}{2}^{\circ}$ W. and S. $78\frac{1}{2}^{\circ}$ E.

9.90 Telephone line, bears NW. and SE.

10.80 Fence, bears NW. and SE.

19.50 Pipe line, bears N. 63° W. and S. 63° E.

19.60 Road, parallels pipe line.

23.40 Leave timber, bears NE. and SW.; enter dry lake bed.

39.96 The cor. of secs. 25, 26, 35, and 36, as evidenced by a steel rod, 1 in. diam., firmly set in the ground. This steel rod is accepted as the best available evidence of the position of the original cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the steel rod buried alongside, for cor. of secs. 25, 26, 35, and 36, with brass cap mkd.

$$\begin{array}{c} \text{T22N R2E} \\ \text{S } 26 \text{ | S } 25 \\ \hline \text{S } 35 \text{ | S } 36 \\ 1941 \end{array}$$

BOOK 4087

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	<p style="text-align: right;">raise a mound</p> <p>of stone, $3\frac{1}{2}$ ft. base, 3 ft. high, W. of cor.</p> <p>From cor. fences extend N., S., and E.</p> <p>Land, gently rolling. Soil, clay and gravel, 3d and 4th rate. Timber, pine and scattering black oak; undergrowth, second growth oak and pine.</p> <p>-----</p> <p>From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp.; described in the field notes of the W. bdy. of T. 22 N., R. 3 E., resurveyed under this group.</p> <p>N. $89^{\circ} 42'$ W., bet. secs. 25 and 36.</p> <p>Over gently rolling land, along fence.</p>
23.70	A ranch house bears S., 5.10 chs. dist.; a reservoir and well are about 3.50 chs. SE. of house.
24.10	Dry wash, 30 lks. wide, $2\frac{1}{2}$ ft. deep, course SE.
27.90	Fence cor. from which fences extend E., W., and NW.
28.00	Road, bears SE. and NW.
30.50	Fence cor. from which fences extend E., W., and SE.; enter timber, bears N. and S.
40.32	Fence cor. from which fences extend E., W., and S.
40.40	<p>The $\frac{1}{4}$ sec. cor., as evidenced by a stone, $14 \times 12 \times 7$ ins., mkd. $\frac{1}{4}$ on N. face, set in a mound of stone.</p> <p>At point for cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <div style="text-align: center;"> $\frac{1}{4} \frac{S \ 25}{S \ 36}$ <p>1941</p> </div> <p style="text-align: right;">from which.</p> <p>A pine, 6 ins. diam., bears N. 8° E., 9 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.</p> <p>A pine, 6 ins. diam., bears S. $53\frac{1}{2}^{\circ}$ E., 25 lks. dist., mkd. $\frac{1}{4}$ S 36 B T.</p>
	<p>S. $89^{\circ} 47'$ W., bet. secs. 25 and 36.</p> <p>Over rolling land, through scattering timber, along fence.</p>
10.00	Low ridge, bears N. and SW.
14.80	Road, bears N. and S.
23.70	Leave timber, enter dry lake bed, bears NE. and SW.
40.00	<p>The cor. of secs. 25, 26, 35, and 36.</p> <p>Land, gently rolling. Soil, clay and gravel, 3d and 4th rate. Timber, pine and oak; undergrowth, 2nd growth pine.</p> <p>-----</p>

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	N. 0° 13' W., bet. secs. 25 and 26.
	Over dry lake bed.
20.00	Leave dry lake bed, bears W. and SE.; over gently rolling land, through scattering timber.
24.30	Old location of U. S. Highway No. 66, bears W. and SE.
24.80	Telephone line, bears W. and SE.; asc. slightly.
29.00	Low ridge, bears NE. and SW.; desc. slightly.
40.52	The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 12x10x4 ins., mkd. $\frac{1}{4}$ on W. face, set in a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high.
	At point for cor.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \\ \text{S } 26 \text{ S } 25 \\ \\ 1941 \end{array}$
	from which
	A pine, 6 ins. diam., bears S. 5 $\frac{1}{2}$ ° E., 36 lks. dist., mkd. $\frac{1}{4}$ S 25 B T.
	A pine, 6 ins. diam., bears S. 50° W., 156 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.
	N. 0° 38' E., on true line bet. secs. 25 and 26.
	Over gently rolling land, through scattering timber.
2.00	U. S. Highway No. 66, bears E. and W.
23.00	Drift fence, bears NW. and SE.
40.20	Rock outcropping, 6 ft. high, bears E. and W.; descend slightly.
40.64	The cor. of secs. 23, 24, 25, and 26, as evidenced by a stone, 14x12x6 ins., mkd. with 2 notches on S. and 1 notch on E. edges, set in a mound of earth and stone.
	At point for cor.
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 23, 24, 25, and 26, with brass cap mkd.
	$\begin{array}{c} \text{T22N R2E} \\ \text{S } 23 \text{ S } 24 \\ \hline \text{S } 26 \text{ S } 25 \\ 1941 \end{array}$
	from which
	Old bearing tree:
	A pine, 16 ins. diam., now dead, bears N. 81° W., 69 lks. dist., mkd. T 22 N R 2 E S 23 B T.

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Resurvey of Subdivisions of T. 22 N., R. 2 E.

Chains

New bearing trees:

A pine, 6 ins. diam., bears N. $42\frac{1}{2}^{\circ}$ E., 30 lks.
dist., mkd. T 22 N R 2 E S 24 B T.

A pine, 6 ins. diam., bears S. $60\frac{3}{4}^{\circ}$ E., 20 lks.
dist., mkd. T 22 N R 2 E S 25 B T.

A pine, 10 ins. diam., bears S. $36\frac{1}{2}^{\circ}$ W., 14 lks.
dist., mkd. T 22 N R 2 E S 26 B T.

A pine, 6 ins. diam., bears N. $56\frac{1}{4}^{\circ}$ W., 30 lks.
dist., mkd. T 22 N R 2 E S 23 B T.

Land, gently rolling.

Soil, rocky, 4th rate.

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

From the cor. of secs. 19, 24, 25, and 30, on the E. bdy.
of the Tp.; described in the field notes of the W. bdy.
of T. 22 N., R. 3 E., resurveyed under this group.

N. $89^{\circ} 47'$ W., bet. secs. 24 and 25.

Over gently rolling land, through timber.

15.10 Broad low spur, slopes SW.

40.06 Proportional distance,

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

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

1941

from which

A pine, 6 ins. diam., bears S. $0\frac{1}{2}^{\circ}$ W., 23 lks.
dist., mkd. $\frac{1}{4}$ S 25 B T.

A pine, 6 ins. diam., bears N. 77° E., 7 lks.
dist., mkd. $\frac{1}{4}$ S 24 B T.

Desc. 45 ft. over W. slope.

53.10 Dogtown Wash, bears S. 50 lks. dist., course W.; asc.
slight SE. slope.

62.10 Low spur, slopes S.; desc. 26 ft. over SW. slope.

71.30 Dogtown Wash, dry, 100 lks. wide, 12 ft. deep, course
NW.; asc. slightly.

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

Land, gently rolling.

Soil, rocky, 4th rate.

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

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

N. 0° 02' E., bet. secs. 23 and 24.

Over gently rolling land, through scattering timber.

1.60 Dry wash, 40 lks. wide, course NW.

39.70 Fence, bears NE. and SW.

40.20 The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 14x10x8 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., 6 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 23 \text{ | S } 24 \\ | \\ 1941 \end{array}$$

from which

A pine, 6 ins. diam., bears S. $83\frac{1}{2}^{\circ}$ E., 49 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.A pine, 8 ins. diam., bears S. $31\frac{1}{2}^{\circ}$ W., 88 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

No trace of the old bearing tree.

N. 0° 20' E., bet. secs. 23 and 24.

0.08 Fence, bears E. and W.; asc. 18 ft. over SW. slope.

3.00 Low spur, slopes W.; descend slightly.

19.00 Swale, drains W.; asc. slightly.

30.00 Low spur, slopes W.; descend slightly.

40.26 The cor. of secs. 13, 14, 23, and 24, as evidenced by a stone, 14x14x12 ins., mkd. with 3 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., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 13, 14, 23, and 24, with brass cap mkd.

$$\begin{array}{c} \text{T22N R2E} \\ \text{S } 14 \text{ | S } 13 \\ \text{S } 23 \text{ | S } 24 \\ 1941 \end{array}$$

from which

Old bearing tree:

A pine, 40 ins. diam., bears N. $50\frac{1}{2}^{\circ}$ W., 102 lks. dist., marks overgrown. I remark this tree:
T 22 N R 2 E S 14 B T.

New bearing trees:

A pine, 8 ins. diam., bears N. 18° E., 40 lks. dist., mkd. T 22 N R 2 E S 13 B T.

Resurvey of Subdivisions of T. 22 N., R. 2 E.

Chains	
	<p>A pine, 6 ins. diam., bears S. $34\frac{1}{2}^{\circ}$ E., 16 lks. dist., mkd. T 22 N R 2 E S 24 B T.</p> <p>A pine, 10 ins. diam., bears S. 72° W., 56 lks. dist., mkd. T 22 N R 2 E S 23 B T.</p> <p>Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering pine; undergrowth, 2nd growth pine.</p> <p>-----</p> <p>From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp.; described in the field notes of the W. bdy. of T. 22 N., R. 3 E., resurveyed under this group.</p> <p>N. $89^{\circ} 15'$ W., bet. secs. 13 and 24.</p> <p>Over gently rolling land, through scattering timber and undergrowth.</p>
2.90	Drain, course N. 20° W.
10.90	Small drain, course SW.
17.10	Spur, slopes SW.
39.11	<p>The $\frac{1}{4}$ sec. cor., as evidenced by a stone badly disintegrated, set in a mound of stone, no marks remain.</p> <p>At point for cor.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the remains of the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> <div style="text-align: center;"> $\frac{1}{4} \begin{array}{r} \text{S } 13 \\ \hline \text{S } 24 \\ 1941 \end{array}$ </div> <p style="text-align: right;">from which</p> <p>A juniper, 6 ins. diam., bears S. 33° W., 149 lks. dist., mkd. $\frac{1}{4}$ S 24 B T.</p> <p>A juniper, 6 ins. diam., bears N. $11\frac{1}{4}^{\circ}$ E., 57 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.</p> <p>S. $89^{\circ} 48'$ W., bet. secs. 13 and 24.</p> <p>Over gently rolling land, through timber and undergrowth.</p>
22.70	Small drain, course N.
33.30	Low spur, slopes N.
40.30	<p>The cor. of secs. 13, 14, 23, and 24.</p> <p>Land, gently rolling. Soil, clay, 4th rate. Timber, pine and juniper; undergrowth, 2nd growth pine and juniper.</p> <p>-----</p>

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	N. 0° 08' W., bet. secs. 13 and 14. Over gently rolling land, through timber.
34.90	Swale, course W.; unimproved road, bears NE. and SW.
40.24	The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 20x12x8 ins., mkd. $\frac{1}{4}$ on W. face, with a mound of stone, 3 ft. base, 1 ft. high, E. of cor. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \\ \text{S } 14 \mid \text{S } 13 \\ \\ 1941 \end{array}$
	from which
	A pine, 6 ins. diam., bears N. 56° E., 34 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.
	A pine, 6 ins. diam., bears N. 67° W., 104 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.
	N. 2° 44' W., bet. secs. 13 and 14. Over gently rolling land, through scattering timber.
17.30	Drift fence, bears NE. and SW.
25.70	State Highway No. 64, bears N. 15° E. to Grand Canyon and S. 15° W. to Williams.
38.91	The cor. of secs. 11, 12, 13, and 14, as evidenced by a stone, 14x14x14 ins., mkd. with 4 notches on S. and 1 notch on E. edges, with a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. At point for cor. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 11, 12, 13, and 14, with brass cap mkd.
	$\begin{array}{c} \text{T22N R2E} \\ \text{S } 11 \mid \text{S } 12 \\ \text{S } 14 \mid \text{S } 13 \\ \\ 1941 \end{array}$
	from which
	A pine, 6 ins. diam., bears S. 82° E., 26 lks. dist., mkd. T 22 N R 2 E S 13 B T.
	A pine, 6 ins. diam., bears S. 38 $\frac{1}{2}$ ° W., 305 lks. dist., mkd. T 22 N R 2 E S 14 B T.
	No other bearing trees available.
	Rebuild the mound of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high, W. of cor.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

Land, gently rolling.
Soil, rocky, 4 th rate.
Timber, scattering pine, pinon, and juniper; undergrowth,
2nd growth pine and juniper.

From the cor. of secs. 7, 12, 13, and 18, on the E. bdy.
of the Tp.; described in the field notes of the W. bdy.
of T. 22 N., R. 3 E., resurveyed under this group.

N. 89° 30' W., bet. secs. 12 and 13.

Over gently rolling land, draining N.

40.12 The $\frac{1}{4}$ sec. cor., as evidenced by a fence cor. from which
old fence lines extend S. and E. This fence cor. 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, 1 in. diam., 6 ins. in the
ground to bedrock, and in a mound of stone to top, for
 $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} \text{S 12} \\ \text{S 13} \\ 1941 \end{array}$$

S. 88° 25' W., bet. secs. 12 and 13.

Over gently rolling land.

0.10 Unimproved road, bears NE. and SW.

10.50 Dim road, bears S. and N., about 18 chs. dist. to cinder
pit.

21.20 Small drain, course NE.

33.60 Snow fence, about 5 chs. long, bears N. and S.

34.70 State Highway No. 64, bears N. 15° E. to Grand Canyon,
and S. 15° W. to Williams.

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

Land, gently rolling.
Soil, rocky, 4th rate.
Timber, very scattering pine and juniper; undergrowth,
none.

N. 0° 16' W., bet. secs. 11 and 12.

land

Over gently rolling, through very scattering timber.

15.00 Low ridge, bears NE. and W.

35.00 State Highway No. 64, bears NW. to Grand Canyon, and SE.
to Williams.

40.46 The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 12x6x6 ins.,
mkd. $\frac{1}{4}$ on W. face, with a mound of stone, 3 ft. base,
8 ins. high, E. of cor.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

At point for cor.

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

$$\begin{array}{c} \uparrow \\ \text{S } 11 \mid \text{S } 12 \\ \text{1941} \end{array}$$

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

N. $0^{\circ} 03'$ E., bet. secs. 11 and 12.

3.96 Drift fence, bears N. $18\frac{1}{2}^{\circ}$ W. and S. $18\frac{1}{2}^{\circ}$ E.

40.54 The cor. of secs. 1, 2, 11, and 12, as evidenced by a stone, 16x12x6 ins., mkd. with 5 notches on S. and 1 notch on E. edges, with a mound of stone, 3 ft. base, 6 ins. high, E. of cor.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 1, 2, 11, and 12, with brass cap mkd.

$$\begin{array}{c} \text{T22N R2E} \\ \text{S } 2 \mid \text{S } 1 \\ \hline \text{S } 11 \mid \text{S } 12 \\ \text{1941} \end{array}$$

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

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, very scattering pine and juniper; undergrowth, none.

From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp.; described in the field notes of the W. bdy. of T. 22 N., R. 3 E., resurveyed under this group.

S. $89^{\circ} 45'$ W., bet. secs. 1 and 12.

Over gently rolling land, through scattering timber.

14.50 Low spur, slopes NW.

22.96 Unimproved road, bears NW. and SE.

24.50 Dry wash, 50 lks. wide, course NW.

40.48 Proportional distance,

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.

$$\begin{array}{c} \frac{1}{4} \text{ S } 1 \\ \hline \text{S } 12 \\ \text{1941} \end{array}$$

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

BOOK 4337

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
46.00	Low ridge, bears N. and S.
66.96	Dry draw, course N.
80.96	The cor. of secs. 1, 2, 11, and 12. Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering pine and juniper; undergrowth, none.

	From the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp. S. 0° 14' E., bet. secs. 1 and 2. Over gently rolling land, through scattering timber.
10.82	Unimproved road, bears NE. and SW.
40.42	The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 16x8x6 ins., mkd. $\frac{1}{4}$ on W. face, firmly set in the ground. At point for cor. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd. <div style="text-align: center;">$\frac{1}{4}$ S 2 S 1 1941</div> of stone, 3 $\frac{1}{2}$ ft. base, 3 ft. high, W. of cor. raise a mound
	S. 0° 13' W., on true line bet. secs. 1 and 2. Over gently rolling land, through scattering timber.
40.45	The cor. of secs. 1, 2, 11, and 12. Land, gently rolling. Soil, rocky, 4th rate. Timber, very scattering pine, cedar, and juniper; undergrowth, none.

	From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp.; described in the field notes of the N. bdy. of T. 21 N., R. 2 E., resurveyed under this group. N. 0° 19' W., bet. secs. 34 and 35. Desc. 358 ft. over NE. slope, through heavy timber and undergrowth.
20.70	Ravine, course E.; asc. 190 ft. over SE. slope.
32.40	Ridge, bears NW. and SE.; saddle in ridge bears W., 2 chs. dist.; desc. 100 ft. over NW. slope.

Resurvey of
Subdivision of T. 22 N., R. 2 E.

Chains

40.45 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 34 \text{ | S } 35 \\ | \\ 1941 \end{array}$$

from which

A pine, 26 ins. diam., bears S. $36\frac{1}{2}^{\circ}$ E., 9 lks. dist., mkd. $\frac{1}{4}$ S 35 B T.

A pine, 14 ins. diam., bears N. $62\frac{1}{4}^{\circ}$ W., 40 lks. dist., mkd. $\frac{1}{4}$ S 34 B T.

Desc. 308 ft. over NE. slope.

68.80 Telephone line, bears SE. and N. 28° W.69.60 R. R. right of way fence, bears SE. and N. 28° W.72.10 A. T. & S. F. R. R., bears SE. and N. 28° W.73.60 Telegraph line, bears SE. and N. 28° W.74.90 R. R. right of way fence, bears SE. and N. 28° W.75.20 Telephone line, bears SE. and N. 28° W.

80.90 The cor. of secs. 26, 27, 34, and 35, as evidenced by a lava stone, 24x18x12 ins., mkd. with 1 notch on S. and 2 notches on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for cor. of secs. 26, 27, 34, and 35, with brass cap mkd.

$$\begin{array}{c} \text{T22N R2E} \\ \text{S } 27 \text{ | S } 26 \\ \hline \text{S } 34 \text{ | S } 35 \\ | \\ 1941 \end{array}$$

from which

Old bearing trees:

A pine stump, bears N. $18\frac{1}{4}^{\circ}$ E., 45 lks. dist., no marks visible.

A pine, 36 ins. diam., bears S. 82° E., 23 lks. dist., marks overgrown. I remark this tree:
T 22 N R 2 E S 35 B T.

A pine stump, 28 ins. diam., bears S. $13\frac{1}{2}^{\circ}$ W., 59 lks. dist., marks illegible.

New bearing trees:

A pine, 10 ins. diam., bears N. $16\frac{3}{4}^{\circ}$ E., 107 lks. dist., mkd. T 22 N R 2 E S 26 B T.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

A pine, 26 ins. diam., bears S. 24° W., 110 lks. dist., mkd. T 22 N R 2 E S 34 B T.

A pine, 10 ins. diam., bears N. 51½° W., 77 lks. dist., mkd. T 22 N R 2 E S 27 B T.

Land, rough mountainous.

Soil, rocky, 4 th rate.

Timber, spruce, fir, pine, juniper, pinon, and white oak; undergrowth, scrub oak and mountain mahogany.

From the cor. of secs. 25, 26, 35, and 36.

N. 89° 38' W., bet. secs. 26 and 35.

Over dry lake bed.

11.80 Leave lake bed, bears N. and S.; over gently rolling land, through scattering timber.

21.30 Unimproved road, bears NE. and SW.

40.00 Unimproved road, bears N. 63° W. and S. 63° E.

40.10 Pipe line, bears NW. and SE.

40.18 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S. 26}{S. 35} \\ 1941$$

from which

A pine, 8 ins. diam., bears N. 49¼° E., 87 lks. dist., mkd. ¼ S 26 B T.

A pine, 12 ins. diam., bears S. 5½° W., 57 lks. dist., mkd. ¼ S 35 B T.

69.60 Rock ledge, bears NE. and SW.; over rock ledges, sloping N.

74.50 Desc. slightly over same rock ledge, bears NW. and SE.

77.40 Dry wash, 40 lks. wide, course NW.

78.00 Unimproved road, bears NW. and SE.

80.36 The cor. of secs. 26, 27, 34, and 35.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pine, fir, and oak; undergrowth, scrub oak and 2nd growth pine.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

North, bet. secs. 26 and 27..

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

- 5.10 Unimproved road, bears NW. and SE.
 5.30 Drain, course NW.
 20.20 Pipe line, bears E. and W.
 25.50 Unimproved road, bears N. 80° W. and S. 80° E.
 28.27 E. W. Bowden's house bears S. 71° W.
 32.68 Same house bears S. 50 $\frac{3}{4}$ ° W.
 32.80 Old location of U.S. Highway No. 66, bears N. 82 $\frac{1}{2}$ ° W. and N. 64° E.
 36.70 Telephone line, bears E. and W.
 39.60 U. S. Highway No. 66, bears E. and W.
 40.19 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 24x18 x12 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., 10 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

	↑	
S 27		S 26
	↓	
	1941	

from which

A pine, 10 ins. diam., bears N. 53° E., 41 lks. dist., mkd. $\frac{1}{4}$ S 26 B T.

A pine, 14 ins. diam., bears S. 59° W., 26 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.

N. 0° 04' E., bet. secs. 26 and 27.

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

- 40.38 The cor. of secs. 22, 23, 26, and 27, as evidenced by a lava stone, 18x12x9 ins., mkd. with 2 notches on E. and 2 notches on S. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 22, 23, 26, and 27, with brass cap mkd.

	T22N R2E	
S 22		S 23
S 27		S 26
	1941	

from which

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

A pine, 8 ins. diam., bears N. 18° E., 169 lks.
dist., mkd. T 22 N R 2 E S 23 B T.

A pine, 10 ins. diam., bears S. 34½° E., 25 lks.
dist., mkd. T 22 N R 2 E S 26 B T.

A juniper, 8 ins. diam., bears S. 29° W., 100 lks.
dist., mkd. T 22 N R 2 E S 27 B T.

A pine, 8 ins. diam., bears N. 32¾° W., 120 lks.
dist., mkd. T 22 N R 2 E S 22 B T.

Land, gently rolling.

Soil, rocky, 4 th rate.

Timber, pine, juniper and oak; undergrowth, scrub oak.

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

S. 89° 59' W., bet. secs. 23 and 26.

Over gently rolling land, through timber.

1.20 Low spur, slopes NW.

8.30 Fence, bears S. 24° E. and N. 24° W.

14.40 Draw, 20 lks. wide, course N.

37.90 State Highway No. 64, bears N. to Grand Canyon, and S.
to Williams.

40.21 The ¼ sec. cor., as evidenced by a lava stone, 16x14x12
ins., mkd. ¼ on N. 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 the original stone buried alongside, for ¼
sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{r} S 23 \\ \hline S 26 \\ 1941 \end{array}$$

from which

Old bearing tree:

A pine stump, 48 ins. diam., bears S. 85½° W., 109
lks. dist., no marks visible.

New bearing trees:

A pine, 14 ins. diam., bears N. 33½° E., 80 lks.
dist., mkd. ¼ S 23 B T.

A pine, 12 ins. diam., bears S. 12° W., 68 lks.
dist., mkd. ¼ S 26 B T.

S. 89° 48' W., bet. secs. 23 and 26.

Over gently rolling land, through timber.

22.30 Low spur, slopes S.

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

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

Land, gently rolling.
Soil, rocky, 4th rate.
Timber, pine and juniper; undergrowth, jack pine.

N. 0° 31' E., bet. secs. 22 and 23.

Over rolling land, through scattering timber and undergrowth; asc. 230 ft. over S. slope.

19.60 Spur, slopes SE.; asc. 52 ft. along SE. slope.

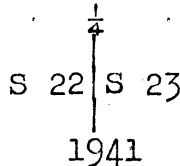
28.20 The top of a hill bears W. 1 ch. dist.

29.00 Spur, slopes NE.; desc. 170 ft. over NW. slope.

40.46 The $\frac{1}{4}$ sec. cor., as evidenced by a lava stone, 20x14x9 ins., dimly 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 the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pine, 18 ins. diam., bears S. 64 $\frac{1}{4}$ ° E., 74 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

A pine, 24 ins. diam., bears N. 47° W., 89 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.

North, bet. secs. 22 and 23.

Over rolling land, through timber; desc. 117 ft. over a gentle NW. slope.

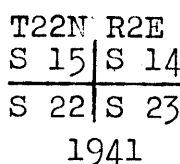
3.80 Unimproved road, bears E. and W.

39.40 Unimproved road, bears NE. and SW.

40.03 The cor. of secs. 14, 15, 22, and 23, as evidenced by a malpais stone, 14x10x8 ins., mkd. with 3 notches on S. and 2 notches on E. edges, set in a mound of stone.

At point for cor.

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



from which

A pine, 6 ins. diam., bears N. 12° E., 495 lks. dist., mkd. T 22 N R 2 E S 14 B T.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

A pine, 6 ins. diam., bears S. $59\frac{1}{2}^{\circ}$ E., 163 lks. dist., mkd. T 22 N R 2 E S 23 B T.

A pine, 6 ins. diam., bears S. $28\frac{1}{2}^{\circ}$ W., 162 lks. dist., mkd. T 22 N R 2 E S 22 B T.

A pine, 6 ins. diam., bears N. $7\frac{1}{2}^{\circ}$ W., 585 lks. dist., mkd. T 22 N R 2 E S 15 B T.

Land, rolling.

Soil, rocky, 4th rate.

Timber, pinon, pine, juniper, and oak; undergrowth, scrub oak, mountain mahogany, and cedar.

From the cor. of secs. 13, 14, 23, and 24.

N. $89^{\circ} 57'$ W., bet. secs. 14 and 23.

Over gently rolling land, through timber.

5.10 Dry wash, 60 lks. wide, course N.

19.00 Fence, bears N. and S.

22.20 State Highway No. 64, bears N. to Grand Canyon and S. to Williams.

27.20 Spur, slopes N.

40.18 The $\frac{1}{4}$ sec. cor., as evidenced by a sandstone, 18x8x4 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., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} \text{S } 14 \\ \text{S } 23 \\ 1941 \end{array}$$

from which

Old bearing tree:

A pine, 30 ins. diam., bears N. $53\frac{1}{2}^{\circ}$ W., 79 lks. dist., marks overgrown.

New bearing trees:

A pine, 10 ins. diam., bears S. $20\frac{1}{2}^{\circ}$ E., 29 lks. dist., mkd. $\frac{1}{4}$ S 23 B T.

A pine, 10 ins. diam., bears N. 48° W., 8 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.

N. $89^{\circ} 58'$ W., bet. secs. 14 and 23.

Over gently rolling land, through timber.

9.70 Draw, 15 lks. wide, course N.

15.30 Low spur, slopes N.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
26.90	Draw, 10 lks. wide, course N.
30.30	Low spur, slopes N.
35.40	Dim, unimproved road, bears N. 70° E. and S. 70° W.
36.90	Small draw, 4 lks. wide, course N.
40.28	The cor. of secs. 14, 15, 22, and 23. Land, gently rolling. Soil, rocky, 4th rate. Timber, pine, juniper, and oak; undergrowth, jack pine.

	N. 0° 56' W., bet. secs. 14 and 15. Over rolling land, through scattering timber and undergrowth.
26.70	Dry wash, 30 lks. wide, in small canyon, course W.; asc. 245 ft. over S. slope.
40.03	Proportional distance, 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.
	$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S } 15 \mid \text{S } 14 \\ \downarrow \\ 1941 \end{array}$
	from which
	A pinon, 12 ins. diam., bears S. 59° E., 100 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.
	A pinon, 10 ins. diam., bears N. 55½° W., 30 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
	Asc. 308 ft. over S. slope.
54.10	Spur, slopes SW.; asc. 78 ft. along W. slope.
57.70	Head of gulch, course W.
63.30	Same spur, slopes SE.; desc. 104 ft. over NE. slope.
65.30	Top of low hill bears W., 1 ch. dist.
76.00	Ravine, course SE.; asc. 42 ft. over SE. slope.
80.06	The cor. of secs. 10, 11, 14, and 15, as evidenced by a malpais stone, 9x9x9 ins., mkd. with 4 notches on S. and 2 notches on E. faces, set in a mound of stone. At point for cor. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 10, 11, 14, and 15, with brass cap mkd.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

T22N R2E	
S 10	S 11
S 15	S 14
1941	

from which

A pinon, 20 ins. diam., bears N. $72\frac{1}{2}^{\circ}$ E., 90 lks. dist., mkd. T 22 N R 2 E S 11 B T.

A pinon, 10 ins. diam., bears S. $66\frac{1}{2}^{\circ}$ E., 70 lks. dist., mkd. T 22 N R 2 E S 14 B T.

A pinon, 14 ins. diam., bears S. 41° W., 46 lks. dist., mkd. T 22 N R 2 E S 15 B T.

A pinon, 6 ins. diam., bears N. $63\frac{1}{4}^{\circ}$ W., 16 lks. dist., mkd. T 22 N R 2 E S 10 B T.

Cor. is on ridge, bears NE. and S. 15° W.

Land, rolling mountainous.

Soil, rocky, 4th rate.

Timber, pine, pinon, juniper, cedar, and oak; undergrowth, scrub oak and juniper.

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

S. $89^{\circ} 57'$ W., bet. secs. 11 and 14.

Over gently rolling land, through timber and undergrowth.

12.50 Low spur, slopes SE.

22.50 Draw, 6 lks. wide, course SE.

40.48 The $\frac{1}{4}$ sec. cor., as evidenced by a lava stone, 9x9x5 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., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$	S 11
	S 14
	1941

from which

A pine, 26 ins. diam., bears S. 12° W., 256 lks. dist., mkd. $\frac{1}{4}$ S 14 B T.

A pine, 8 ins. diam., bears N. 4° W., 234 lks. dist., mkd. $\frac{1}{4}$ S 11 B T.

N. $88^{\circ} 31'$ W., bet. secs. 11 and 14.

Asc. 312 ft. over SE. slope, through timber and scattering undergrowth.

20.70 Spur, slopes S. 80° E.; asc. 85 ft. over SE. slope.

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

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

Land, rolling mountainous.
Soil, rocky, 4th rate.
Timber, pine and pinon, juniper and oak; undergrowth,
cliff rose and jack pine.

N. 3° 09' E., bet. secs. 10 and 11.

Desc. 313 ft. over NW. slope, through scattering timber
and undergrowth.

27.00 Drain, course N. 30° E.; asc. 64 ft. over SE. slope.

32.00 Spur, slopes NE.; desc. 176 ft. over N. slope.

42.43 Proportional distance,

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.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 10\ | \ S\ 11 \\ | \\ 1941 \end{array}$$

from which

A juniper, 6 ins. diam., bears N. 48° E., 64 lks.
dist., mkd. $\frac{1}{4}$ S 11 B T.

A pine, 16 ins. diam., bears S. 13 $\frac{1}{2}$ ° W., 147 lks.
dist., mkd. $\frac{1}{4}$ S 10 B T.

Desc. 82 ft. over N. slope.

60.70 Unimproved road, bears N. 30° W. and S. 30° E.

84.86 The cor. of secs. 2, 3, 10, and 11, as evidenced by a
malpais stone, 16x10x4 ins., marked with 5 notches on
S. and 2 notches on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
the ground, with the original stone buried alongside,
for cor. of secs. 2, 3, 10, and 11, with brass cap mkd.

$$\begin{array}{c} T22N\ R2E \\ S\ 3\ | \ S\ 2 \\ \hline S\ 10\ | \ S\ 11 \\ 1941 \end{array}$$

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

Land, rolling and hilly.
Soil, rocky, 4th rate.
Timber, scattering pine, pinon, juniper, and oak; under-
growth, scrub oak, cedar, and mountain mahogany.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	From the cor. of secs. 1, 2, 11, and 12.
	N. 86° 32' W., bet. secs. 2 and 11.
	Over gently rolling land, through scattering timber.
12.50	Drift fence, bears N. 18 $\frac{3}{4}$ ° W. and S. 18 $\frac{3}{4}$ ° E.
15.90	State Highway No. 64, bears N. 18 $\frac{3}{4}$ ° W. to Grand Canyon and S. 18 $\frac{3}{4}$ ° E. to Williams.
37.58	Proportional distance,
	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.
	$\frac{1}{4} \begin{array}{r} S \ 2 \\ \hline S \ 11 \\ 1941 \end{array}$
	raise a mound
	of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
75.16	The cor. of secs. 2, 3, 10, and 11.
	Land, gently rolling.
	Soil, rocky, 4th rate.
	Timber, scattering juniper; undergrowth, none.

	From the cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp.
	S. 0° 37' E., bet. secs. 2 and 3.
	Over nearly level land, through scattering timber.
39.83	Proportional distance,
	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.
	$\frac{1}{4} \begin{array}{r} S \ 3 \\ \hline S \ 2 \\ 1941 \end{array}$
	from which
	A pine, 8 ins. diam., bears S. 62 $\frac{1}{2}$ ° E., 91 lks..
	dist., mkd. $\frac{1}{4}$ S 2 B T.
	A juniper, 30 ins. diam., bears S. 44° W., 117 lks.
	dist., mkd. $\frac{1}{4}$ S 3 B T.
50.80	Unimproved road, bears E. and W.; leave scattering timber.
80.09	The cor. of secs. 2, 3, 10, and 11.
	Land, nearly level.
	Soil, clay and gravel, 3d and 4th rate.
	Timber, scattering pinon and juniper; undergrowth, none.

Resurvey of Subdivisions of T. 22 N., R. 2 E.

Chains

From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp.; described in the field notes of the N. bdy. of T. 21 N., R. 2 E., resurveyed under this group.

N. 0° 19' W., bet. secs. 33 and 34.

Asc. 160 ft. over SW. slope, through timber and dense undergrowth.

16.00 Ridge, bears N. and S. 10° E.; thence along top of same.

41.36 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 18x8x6 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., 12 ins. in the ground to bed rock, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 33 \text{ | S } 34 \\ | \\ 1941 \end{array}$$

from which

Old bearing trees:

A pine, 18 ins. diam., bears S. 9° E., 174 lks. dist., mkd. $\frac{1}{4}$ S B T.

A pine stump, 17 ins. diam., bears N. 85° W., 86 lks. dist., no marks remain.

New bearing tree:

A pine, 10 ins. diam., bears N. 71° W., 7 lks. dist., mkd. $\frac{1}{4}$ S 33 B T.

This cor. is the SE. cor. of the townsite of Williams.

N. 0° 24' E., bet. secs. 33 and 34, and along E. bdy. of Williams townsite.

Continue along top of ridge.

4.20 Leave ridge, bears N. 10° E. and S.; desc. 270 ft. over NW. slope.

9.50 The post office in Williams bears N. 57 $\frac{1}{2}$ ° W.

41.12 The cor. of secs. 27, 28, 33, and 34, as evidenced by a sandstone, 24x16x10 ins., mkd. with 1 notch on S. and 3 notches on E. faces, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 27, 38, 33, and 34, with brass cap mkd.

$$\begin{array}{c} \text{T22N R2E} \\ \text{S } 28 \text{ | S } 27 \\ \hline \text{S } 33 \text{ | S } 34 \\ 1941 \end{array}$$

from which

Resurvey of Subdivisions of T. 22 N., R. 2 E.

Chains

Old bearing trees:

A white oak, 10 ins. diam., bears N. 20° E., 42 lks. dist., mkd. T 22 N R 2 E S 27 B T.

A pine, 20 ins. diam., bears S. 84° W., 87 lks. dist., mkd. T 22 N R 2 E S 33 B T.

New bearing trees:

A pine, 8 ins. diam., bears S. 47½° E., 54 lks. dist., mkd. T 22 N R 2 E S 34 B T.

A pine, 12 ins. diam., bears N. 58½° W., 107 lks. dist., mkd. T 22 N R 2 E S 28 B T.

Land, rolling mountainous.

Soil, rocky, 4th rate.

Timber, pine and scattering oak; undergrowth, thorny locust and scrub oak.

From the cor. of secs. 26, 27, 34, and 35.

N. 87° 01' W., bet. secs. 27 and 34.

Asc. 390 ft. over NE. slope, through timber and scattering undergrowth.

- 4.25 Telegraph line, bears NW. and SE.
5.25 R.R. right of way fence, bears NW. and SE.
5.75 A. T. & S. F. R. R., two tracks, bears NW. and SE.
6.45 R.R. right of way fence, bears NW. and SE.
39.65 The ¼ sec. cor., as evidenced by a stone, 18x8x6 ins., mkd. ¼ on N. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.

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

1941

from which

Original bearing tree:

A pine, 14 ins. diam., bears N. 31½° E., 51 lks. dist., marks overgrown.

New bearing tree:

A pine, 8 ins. diam., bears S. 30½° W., 11 lks. dist., mkd. ¼ S 34 B T.

This cor. is on a spur, slopes N.

N. 89° 53' W., bet. secs. 27 and 34.

Resurvey of Subdivisions of T. 22 N., R. 2 E.

Chains	Desc. 50 ft. over NW. slope, through dense timber and scattering undergrowth.
20.60	End of descent; ascend slightly.
31.60	Low spur, slopes NW.; desc. 75 ft. over W. slope.
40.64	The cor. of secs. 27, 28, 33, and 34.
	Land, rolling mountainous. Soil, rocky, 4th rate. Timber, pine and white oak; undergrowth, thorny locust and scrub oak.
	----- N. 0° 02' W., bet. secs. 27 and 28, and along the E. bdy. of Williams townsite.
	Desc. 340 ft. over NW. slope, through scattering timber and undergrowth.
17.00	The post office in Williams bears S. 79° W.
23.60	A. T. & S. F. R. R., two tracks, bears E. and S. 60° W.
28.85	U. S. Highway No. 66, bears E. and W.; over nearly level land.
40.00	Old location of U. S. Highway No. 66, bears E. and W.
40.54	The $\frac{1}{4}$ sec. cor., as evidenced by a fence cor. from which fences extend N., S., and E. This fence cor. is used locally as the $\frac{1}{4}$ sec. cor. and is accepted as the best available evidence of the cor.
	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.
	$\begin{array}{c} \frac{1}{4} \\ \\ \text{S } 28 \text{ } \text{S } 27 \\ \\ 1941 \end{array}$
	raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	This cor. is the NE. cor. of the townsite of Williams.
	From cor. stock yard loading corrals bear NW., 12 chs. dist.
	N. 0° 14' E., bet. secs. 27 and 28.
	Over nearly level land.
39.88	The cor. of secs. 21, 22, 27, and 28, as evidenced by an igneous stone, 14x14x10 ins., mkd. with 2 notches on S. and 3 notches on E. faces, set in a mound of stone.
	At point for cor.

Resurvey of Subdivisions of T. 22 N., R. 2 E.

Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 21, 22, 27, and 28, with brass cap mkd.

T22N R2E	
S 21	S 22
<hr/>	
S 28	S 27
1941	

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

From this cor. the N. end of a railroad trestle bears N. $27\frac{1}{2}^{\circ}$ W.; drain under trestle, course NW.

Land, S. $\frac{1}{2}$ mile, rolling mountainous, N. $\frac{1}{2}$ mile, nearly level.

Soil, clay and gravel, 4th rate.

Timber, scattering pine and oak on S. $\frac{1}{2}$ mile; undergrowth, scattering scrub oak.

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

N. $88^{\circ} 33'$ W., bet. secs. 22 and 27.

Over nearly level land, through scattering timber.

8.20 Dry wash, 20 lks. wide, 2 ft. deep, course SW.

25.30 Low spur, slopes SW.

40.16 Proportional distance,

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

$\frac{1}{4}$	S 22
	<hr/>
	S 27
	1941

from which

A juniper, 6 ins. diam., bears S. $61\frac{1}{2}^{\circ}$ W., 33 lks. dist., mkd. $\frac{1}{4}$ S 27 B T.

A juniper, 5 ins. diam., bears N. $40\frac{1}{2}^{\circ}$ W., 45 lks. dist., mkd. $\frac{1}{4}$ S 22 B T.

43.60 Dim road, bears NW. and SE.

47.10 Dry wash, 8 lks. wide, course S. 30° W.

53.10 Fence, bears N. and S.

56.30 Low spur, slopes S. 10° W.

80.32 The cor. of secs. 21, 22, 27, and 28.

Land, nearly level.

Soil, rocky, 4th rate.

Timber, scattering pine and juniper; undergrowth, 2nd growth pine.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

N. 0° 09' E., bet. secs. 21 and 22.

Over nearly level land, along fence.

18.00 A fence cor. bears E., 15 lks. dist., from which fences extend S. and E.

29.00 Enter timber, bears E. and W.; asc. 110 ft. over S. slope.

39.00 Top of small hill, bears NW. and SE.

39.93 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 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., 18 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 21 \text{ | S } 22 \\ | \\ 1941 \end{array}$$

from which

Old bearing tree:

A juniper, 20 ins. diam., bears N. 62 $\frac{3}{4}$ ° E., 77 lks. dist., markings overgrown. I remark this tree:
 $\frac{1}{4}$ S 22 B T.

New bearing tree:

A juniper, 36 ins. diam., bears N. 45° W., 174 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.

N. 0° 13' W., bet. secs. 21 and 22.

Over gently rolling land, through scattering timber.

10.00 Desc. 110 ft. over NW. slope.

24.50 Drain, course SW.; over gently rolling land.

29.00 Leave timber, bears E. and W.

40.28 The cor. of secs. 15, 16, 21, and 22, as evidenced by a malpais stone, 12x6x6 ins., mkd. with 3 notches on each of the S. and E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 15, 16, 21, and 22, with brass cap mkd.

$$\begin{array}{c} \text{T22N R2E} \\ \text{S } 16 \text{ | S } 15 \\ \hline \text{S } 21 \text{ | S } 22 \\ 1941 \end{array}$$

from which

A pine, 8 ins. diam., bears N. 32° E., 412 lks. dist., mkd. T 22 N R 2 E S 15 B T.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

No other bearing trees available.

Raise a mound of stone, 3 ft. base, 2½ ft. high,
W. of cor.

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, scattering pine and juniper; undergrowth, none.

From the cor. of secs. 14, 15, 22, and 23.

N. 88° 42' W., bet. secs. 15 and 22.

Over nearly level land, through scattering timber and undergrowth.

17.30 Low spur, slopes N.

40.20 Small draw, 4 lks. wide, course N.

40.36 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for ¼ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} \text{S } 15 \\ \text{S } 22 \\ 1941 \end{array}$$

from which

A pine, 6 ins. diam., bears N. 64¾° E., 162 lks. dist., mkd. ¼ S 15 B T.

A pine, 10 ins. diam., bears S. 6¾° E., 341 lks. dist., mkd. ¼ S 22 B T.

70.70 Low spur, slopes N.

80.72 The cor. of secs. 15, 16, 21, and 22.

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, scattering pine and juniper; undergrowth, jack pine.

N. 0° 15' E., bet. secs. 15 and 16.

Over gently rolling land.

28.50 Enter scattering timber, bears E. and W.

35.50 Small canyon, course NW.

37.28 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness ¼ sec. cor., with brass cap mkd.

$$\begin{array}{c} \text{W C} \\ \frac{1}{4} \\ \text{S } 16 \mid \text{S } 15 \\ 1941 \end{array}$$

from which

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

A pine, 36 ins. diam., bears S. $26\frac{3}{4}^{\circ}$ E., 162 lks. dist., mkd. W C $\frac{1}{4}$ S 15 B T.

A pine, 24 ins. diam., bears N. $82\frac{1}{2}^{\circ}$ W., 45 lks. dist., mkd. W C $\frac{1}{4}$ S 16 B T.

37.68 The point for the $\frac{1}{4}$ sec. cor. as determined from the original bearing tree. This point falls on S. slope of rocky ledge, in a place unsuitable for a permanent cor., from which

The original bearing tree:

A pine, 48 ins. diam., dead and fallen, bears N. 10° E., 68 lks. dist., mkd. $\frac{1}{4}$ S B T.

N. $0^{\circ} 04'$ E., bet. secs. 15 and 16.

Over gently rolling land, through scattering timber.

0.50 Top of rocky ledge, 10 ft. high, bears E. and W.

40.42 The cor. of secs. 9, 10, 15, and 16, as evidenced by a malpais stone, 16x10x10 ins., mkd. with 4 notches on S. and 3 notches on E. faces, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for cor. of secs. 9, 10, 15, and 16, with brass cap mkd.

T22N R2E	
S 9	S 10

S 16	S 15
1941	

from which

A pine, 7 ins. diam., bears S. 21° W., 98 lks. dist., mkd. T 22 N R 2 E S 16 B T.

A pine, 8 ins. diam., bears N. $54\frac{1}{2}^{\circ}$ W., 195 lks. dist., mkd. T 22 N R 2 E S 9 B T.

No other bearing trees available. No trace of the original bearing trees.

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

Cor. is alongside of a malpais outcropping, 20 ft. high. Land, gently rolling.

Soil, rocky, 4th rate.

Timber, scattering pine; undergrowth, none.

From the cor. of secs. 10, 11, 14, and 15.

S. $89^{\circ} 45'$ W., bet. secs. 10 and 15.

Over rolling land, through timber; desc. 290 ft. over NW. slope.

20.60 Head of ravine, 6 lks. wide, course NW.; desc. 90 ft. over NW. slope.

B.C.C.F. 4337

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

- 37.70 Draw, 20 lks. wide, course N.
- 39.12 The $\frac{1}{4}$ sec. cor., as evidenced by a lava stone, 18x10x4 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., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
- $$\frac{1}{4} \begin{array}{l} \text{S } 10 \\ \hline \text{S } 15 \\ 1941 \end{array}$$
- from which
- A pine, 8 ins. diam., bears S. 55° W., 58 lks. dist., mkd. $\frac{1}{4}$ S 15 B T.
- A pine, 6 ins. diam., bears N. $67\frac{3}{4}^{\circ}$ W., 102 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.
- N. $89^{\circ} 54'$ W., bet. secs. 10 and 15.
- Asc. 16 ft. over NE. slope.
- 5.20 Spur, slopes N.; desc. 140 ft. over NW. slope.
- 35.40 Ravine, 6 lks. wide, course NW.; asc. slightly.
- 37.50 Low spur, slopes N.; descend slightly.
- 40.20 Base of malpais outcropping, 20 ft. high, bears N. and S.
- 40.27 The cor. of secs. 9, 10, 15, and 16.
- Land, rolling.
Soil, rocky, 4th rate.
Timber, pine, pinon, and juniper; undergrowth, jack pine.
-
- N. $2^{\circ} 37'$ E., bet. secs. 9 and 10.
- Over gently rolling land, through timber.
- 3.00 Small canyon, course N. 10° E., 3 chs. dist., thence NW.
- 9.50 Same canyon, course NW.
- 26.00 Small canyon, course NW. from SW.
- 40.98 Proportional distance,
- Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \begin{array}{l} \text{S } 9 \text{ | } \text{S } 10 \\ \hline 1941 \end{array}$$

from which

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

A pine, 10 ins. diam., bears N. $64\frac{1}{2}^{\circ}$ E., 14 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

A pine, 14 ins. diam., bears N. $40\frac{1}{4}^{\circ}$ W., 13 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

62.00 Low ridge, bears NW. and SE.

81.96 The cor. of secs. 3, 4, 9, and 10, as evidenced by a lava stone, 15x12x6 ins., mkd. with 5 notches on S. and 3 notches on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 3, 4, 9, and 10, with brass cap mkd.

T22N R2E	
S 4	S 3
<hr/>	
S 9	S 10
1941	

from which

A juniper, 6 ins. diam., bears N. 9° E., 336 lks. dist., mkd. T 22 N R 2 E S 3 B T.

A juniper, 6 ins. diam., bears S. $20\frac{1}{4}^{\circ}$ E., 368 lks. dist., mkd. T 22 N R 2 E S 10 B T.

A pine, 5 ins. diam., bears N. $0\frac{3}{4}^{\circ}$ W., 215 lks. dist., mkd. T 22 N R 2 E S 4 B T.

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

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, scattering pine, pinon and juniper; undergrowth, none.

From the cor. of secs. 2, 3, 10, and 11.

S. $87^{\circ} 48'$ W., bet. secs. 3 and 10.

Over gently rolling land, through timber.

13.20 Unimproved road, bears NW. and SE.

40.14 Proportional distance,

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.

$\frac{1}{4}$	S 3
	<hr/>
	S 10
	1941

from which

A juniper, 14 ins. diam., bears S. $26\frac{1}{2}^{\circ}$ W., 262 lks. dist., mkd. $\frac{1}{4}$ S 10 B T.

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

1001, 1007

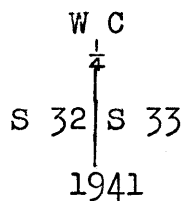
Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
60.30	Low spur, slopes NW.
64.10	Dry wash, 10 lks. wide, course NW.
65.10	Low spur, slopes NW.
66.20	Dry wash, 10 lks. wide, course NW.
80.28	The cor. of secs. 3, 4, 9, and 10.
	Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering pine, pinon, and juniper; undergrowth, none.
	----- From the cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp.
	S. 0° 03' E., bet. secs. 3 and 4.
	Over gently rolling land, through scattering timber.
41.87	Proportional distance,
	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S } 4 \mid \text{S } 3 \\ \downarrow \\ 1941 \end{array}$
	of stone, 3 ft. base, 2 ft. high, W. of cor. raise a mound
43.60	Road, bears E. and W.; a concrete dam bears N. 59° W.
54.10	Dry wash, 30 lks. wide, course N. 70° W., 10 chs. dist., thence NW.
68.60	Concrete dam bears N. 27° W.
83.60	The cor. of secs. 3, 4, 9, and 10.
	Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering juniper; undergrowth, none.
	----- From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp.; described in the field notes of the N. bdy. of T. 21 N., R. 2 E., resurveyed under this group.
	N. 0° 16' W., bet. secs. 32 and 33.
	Over gently rolling land, through scattering timber.
11.00	Dry wash, 20 lks. wide, course N. 35° W.
15.00	An earth dam and small reservoir bears W., 2.50 chs. dist.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

- 17.90 Dim road, bears E. and SW. to tank.
- 20.00 Low spur, slopes NW.; desc. 90 ft. over N. slope.
- 30.20 Unimproved road, bears N. 20° E. and S. 20° W., 5 chs. dist. to house.
- 32.70 Telephone and power line, bears NE. and SW.
- 33.50 Road, bears NE. and SW., 8 chs. dist. to house.
- 39.90 The point for the $\frac{1}{4}$ sec. cor. as determined from the stumps of the original bearing trees. This point is in the center of a road, bears E. and W.
- Set a stone, 10x8x4 ins., mkd. with a cross (+), 12 ins. below the surface of the ground, for $\frac{1}{4}$ sec. cor., from which,
- A pine stump, 38 ins. diam., bears N. 65° E., 230 lks. dist., no marks visible.
- A pine stump, 20 ins. diam., bears S. 31° W., 104 lks. dist., no marks visible.
- N. 1° 30' W., bet. secs. 32 and 33, along W. bdy. of Williams townsite.
- Over gently rolling land, through scattering timber.
- 0.50 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.



from which

A pine, 12 ins. diam., bears S. 31 $\frac{1}{4}$ ° E., 350 lks. dist., mkd. W C $\frac{1}{4}$ S 33 B T.

A pine, 28 ins. diam., bears S. 34° W., 314 lks. dist., mkd. W C $\frac{1}{4}$ S 32 B T.

Due to lumber piles, buildings, etc., the true line could not be extended beyond this point.

From the true point for the $\frac{1}{4}$ sec. cor. I traverse as follows:

N. 77° 15' W., 0.07 chs.

N. 33° 45' W., 33.19 chs. At 30.00 chs. U. S. Highway No. 66, bears E. and W.

N. 54° 16' E., 21.50 chs.

Total latitude = 40.17 chs. N.

Total departure = 1.05 chs. W.

The true course and distance is therefore: N. 1° 30' W., 40.18 chs.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

40.18

The point for the cor. of secs. 28, 29, 32, and 33, as determined from the stump of an original bearing tree.

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

T22N R2E	
S 29	S 28
<hr/>	
S 32	S 33
1941	

from which

An original bearing tree:

A pine stump, 48 ins. diam., bears N. 86° E., 610 lks. dist., mkd. T 22 N R 2 E S 28 B T.

No trace of the original SE. bearing tree.
 Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, gently rolling.
 Soil, rocky, 3d and 4th rate.
 Timber, scattering oak and pine; undergrowth, none.

As the line bet. secs. 28 and 33 passes through the town of Williams, through buildings, etc., I traverse as follows:

N. 76° 22' E., 1.21 chs.

N. 62° 27' E., 47.74 chs.

N. 63° 48' E., 41.19 chs. The $\frac{1}{4}$ sec. cor. of secs. 27 and 28.

S. 0° 02' E., 40.54 chs. The cor. of secs. 27, 28, 33, and 34.

Total latitude = 0.01 chs. N.

Total departure = 80.48 chs. E.

The true course and distance is therefore: West, 80.48 chs.

As the $\frac{1}{4}$ sec. cor. falls within the corporate limits of the town of Williams it was not reestablished.

From the cor. of secs. 28, 29, 32, and 33.

N. 1° 04' E., bet. secs. 28 and 29.

Through the town of Williams.

5.00 Cabin bears W., 4 chs. dist.

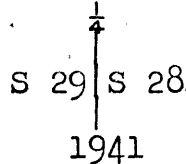
40.07 The $\frac{1}{4}$ sec. cor., as evidenced by a fence cor. from which fences extend N., S., and E. This fence corner was accepted as the best available evidence of the position of the original $\frac{1}{4}$ sec. cor.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

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.



raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. This cor. is on the N. bdy. of the Williams townsite. N. $0^{\circ} 09' W.$, bet. secs. 28 and 29.

Over cultivated land.

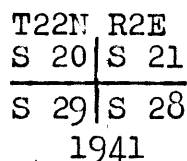
15.00 Leave cultivated land, bears E. and W.; over nearly level land.

18.30 Dry wash, course N. $70^{\circ} E.$

40.00 The cor. of secs. 20, 21, 28, and 29, as evidenced by a sandstone, 24x10x6 ins., mkd. with 2 notches on S. and 4 notches on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for cor. of secs. 20, 21, 28, and 29, with brass cap mkd.



from which

A pine, 6 ins. diam., bears N. $40\frac{1}{4}^{\circ} E.$, 294 lks. dist., mkd. T 22 N R 2 E S 21 B T.

A juniper, 6 ins. diam., bears S. $25^{\circ} W.$, 414 lks. dist., mkd. T 22 N R 2 E S 29 B T.

A pine, 8 ins. diam., bears N. $75\frac{1}{2}^{\circ} W.$, 315 lks. dist., mkd. T 22 N R 2 E S 20 B T.

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

From cor. fences extend E., W., and S.

Land, level and gently rolling.

Soil, clay, 3d rate.

Timber, none; undergrowth, none.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	From the cor. of secs. 21, 22, 27, and 28. S. 89° 55' W., bet. secs. 21 and 28. Over gently rolling land.
3.00	Unimproved road, bears N. 20° E. and S. 20° W.
4.00	Drain, course N.
9.70	Grand Canyon branch of the A.T. & S.F. R.R., bears N. 5° W. and S. 2° E.
11.00	Fence cor. from which fences extend N., S., and W.
35.00	House, bears N., 2 chs. dist.
38.00	House, bears S., 5 chs. dist.
39.70	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. <div style="text-align: center;"> $\text{WC } \frac{1}{4} \frac{\text{S } 21}{\text{S } 28}$ 1941 </div> <div style="text-align: right;">raise a mound</div> of stone, 3 ft. base, 2 ft. high, N. of cor.
40.00	The point for the $\frac{1}{4}$ sec. cor. as determined from the intersection of the old Grand Canyon Highway, bears N. and S., with a road bearing W. from this point. This intersection was accepted as the best available evidence of the position of the original corner. Set a malpais stone, 4x3x2 ins., mkd. with a cross (+), 12 ins. below the surface of the road, for $\frac{1}{4}$ sec. cor. From this cor. fences extend N. and S. on each side of road. S. 89° 45' W., bet. secs. 21 and 28.
4.00	House bears N., 2 chs. dist.
10.00	Sawmill, bears N., 4 chs. dist.
17.00	Wash, course NE. Earth dam bears S., 1 ch. dist., above which a small lake is formed, about $\frac{3}{4}$ chs. wide and 10 chs. long, bears NE. and SW.
30.00	From this point a farm house bears S. 24 $\frac{3}{4}$ ° E., about 24 chs. dist., and a dairy bears S. 47 $\frac{1}{2}$ ° E., about 38 chs. dist.
40.00	The cor. of secs. 20, 21, 28, and 29. Land, gently rolling. Soil, clay and gravel, 3d and 4th rate. Timber, scattering pine; undergrowth, none.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

N. 0° 24' W., bet. secs. 20 and 21.

Over rolling land, through scattering timber.

18.00 Low spur, slopes E.

39.98 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 18x12x10 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., 14 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S } 20 \mid \text{S } 21 \\ \downarrow \\ 1941 \end{array}$$

from which

A pine, 5 ins. diam., bears S. 43 $\frac{1}{4}$ ° E., 172 lks. dist., mkd. $\frac{1}{4}$ S 21 B T.A pine, 7 ins. diam., bears N. 3 $\frac{3}{4}$ ° W., 145 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.

N. 0° 04' W., bet. secs. 20 and 21.

Over gently rolling land.

40.02 The cor. of secs. 16, 17, 20, and 21, as evidenced by a malpais stone, 18x18x10 ins., mkd. with 3 notches on S. and 4 notches on E. faces, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 16, 17, 20, and 21, with brass cap mkd.

$$\begin{array}{c} \text{T22N R2E} \\ \text{S } 17 \mid \text{S } 16 \\ \hline \text{S } 20 \mid \text{S } 21 \\ 1941 \end{array}$$

from which

A juniper, 6 ins. diam., bears S. 16 $\frac{1}{2}$ ° E., 325 lks. dist., mkd. T 22 N R 2 E S 21 B T.A juniper, 8 ins. diam., bears S. 24 $\frac{1}{2}$ ° W., 287 lks. dist., mkd. T 22 N R 2 E S 20 B T.

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, scattering pine and juniper; undergrowth, mountain mahogany and cedar.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	From the cor. of secs. 15, 16, 21, and 22. S. 89° 17' W., bet. secs. 16 and 21. Over rolling land, through timber.
1.00	Branch of the A.T. & S.F. R.R., bears N. 14½° W. to Grand Canyon and S. 14½° E. to Williams.
2.10	Telephone line, bears N. 14½° W. and S. 14½° E.; desc. 80 ft. over W. slope.
30.40	Low canyon rim, bears N. 20° W. and S. 20° E.; desc. 25 ft.
32.20	Stream bed, 60 lks. wide, course N. 20° W., dry, asc. 40 ft. over E. slope.
33.70	W. rim of canyon, bears N. 20° W. and S. 20° E.; over rolling land.
40.07	The ¼ sec. cor., as evidenced by a sandstone, 14x12x8 ins., mkd. ¼ on N. 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 the original stone buried alongside, for ¼ sec. cor., with brass cap mkd. $\frac{1}{4} \frac{S 16}{S 21}$ 1941 from which A pine, 12 ins. diam., bears S. 23° E., 69 lks. dist., mkd. ¼ S 21 B T. A pine, 16 ins. diam., bears N. 28½° W., 36 lks. dist., mkd. ¼ S 16 B T. A frame cabin bears N., 3 chs. dist. N. 89° 59' W., bet. secs. 16 and 21. Over rolling land, through scattering timber.
7.10	Old location of State Highway No. 64, bears N. and S.
40.08	The cor. of secs. 16, 17, 20, and 21. Land, gently rolling. Soil, rocky, 4th rate. Timber, pine and juniper; undergrowth, jack pine. ----- N. 0° 14' E., bet. secs. 16 and 17. Over gently rolling land, through scattering timber.
19.50	Unimproved road, bears N. 80° W. and S. 80° E.
40.03	The ¼ sec. cor., as evidenced by a lava stone, 12x9x3 ins., mkd. ¼ on W. face, set in a mound of stone. At point for cor.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

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

$$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 17\ | S\ 16 \\ | \\ 1941 \end{array}$$

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

N. $2^{\circ} 00'$ E., bet. secs. 16 and 17.

Over gently rolling land, through scattering timber.

10.00 The S. end of a dry lake bears E., 8 chs. dist.

24.50 Unimproved road, bears S. 65° E. and N. 65° W.

39.04 The cor. of secs. 8, 9, 16, and 17, as evidenced by a sandstone, $24 \times 15 \times 12$ ins., mkd. with 4 notches on each of the S. and E. faces, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for cor. of secs. 8, 9, 16, and 17, with brass cap mkd.

$$\begin{array}{c} T22N\ R2E \\ S\ 8\ | S\ 9 \\ \hline S\ 17\ | S\ 16 \\ 1941 \end{array}$$

from which

A juniper, 10 ins. diam., bears N. $54\frac{1}{4}^{\circ}$ W., 384 lks. dist., mkd. T 22 N R 2 E S 8 B T.

No other bearing trees available.

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

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, scattering pine and juniper; undergrowth, mountain mahogany and cedar.

From the cor. of secs. 9, 10, 15, and 16.

N. $89^{\circ} 43'$ W., bet. secs. 9 and 16.

Over gently rolling land, through scattering timber.

15.50 Drain, 2 chs. wide, course NE.

16.00 Branch of the A.T. & S.F. R.R., bears N. $2^{\circ} 45'$ W. to Grand Canyon and S. $2^{\circ} 45'$ E. to Williams.

17.30 Telephone line, bears N. $2^{\circ} 45'$ W. and S. $2^{\circ} 45'$ E.

33.10 Unimproved road, bears N. 35° E. and S. 35° W.; desc. 65 ft. over W. slope.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

36.00 Drain, 60 lks. wide, course NE.; asc. 40 ft. over E. slope.

39.52 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S \ 9}{S \ 16} \\ 1941$$

from which

A pine, 20 ins. diam., bears N. 82° E., 218 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

A pine, 8 ins. diam., bears S. $0^{\circ} 45'$ E., 263 lks. dist., mkd. $\frac{1}{4}$ S 16 B T.

Over rolling land.

60.90 Old location of State Highway No. 64, bears N. $9\frac{3}{4}^{\circ}$ W. and S. $9\frac{3}{4}^{\circ}$ E.

64.00 Enter marshy lake bed, bears N. and S.

76.00 Leave lake bed, bears NW. and SE.

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

Land, gently rolling.

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

Timber, scattering pine; undergrowth, none.

N. $0^{\circ} 15'$ W., bet. secs. 8 and 9.

10.00 N. end of dry lake bears E. 40 lks. dist.

35.60 Unimproved road, bears N. 70° W. and S. 70° E.

37.76 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.

$$\begin{array}{c} W \ C \\ \uparrow \\ \frac{1}{4} \\ S \ 8 \ | \ S \ 9 \\ \downarrow \\ 1941 \end{array}$$

raise a mound
of stone, 4 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

From cor. the NW. cor. of a private airplane hangar bears N. $37\frac{1}{4}^{\circ}$ E.

38.30 Enter private airfield, bears N. $35\frac{1}{4}^{\circ}$ E. and S. $35\frac{1}{4}^{\circ}$ W.

40.06 Proportional distance. The true point for the $\frac{1}{4}$ sec. cor. falls in airfield.

45.10 NW. cor. of airplane hangar bears N. $69\frac{1}{4}^{\circ}$ E.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
80.12	<p>The cor. of secs. 4, 5, 8, and 9, as evidenced by a lava stone, 14x10x4 ins., mkd. with 5 notches on S. and 4 notches on E. edges, set in a mound of stone.</p> <p>At point for cor.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 4, 5, 8, and 9, with brass cap mkd.</p> $\begin{array}{r} T22N R2E \\ S 5 S 4 \\ \hline S 8 S 9 \\ 1941 \end{array}$ <p style="text-align: right;">raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.</p> <p>This cor. is near head of draw, course N.</p> <p>Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering pine and juniper; undergrowth, none.</p>

15.50	Spur, slopes NW.; desc. 70 ft.
22.00	Wash, 80 lks. wide, course N.; over gently rolling land.
24.00	Branch of the A.T. & S.F.R.R., bears NW. to Grand Canyon and SE. to Williams.
32.10	Spur, slopes NW.
33.40	Telephone line, bears NW. and SE.
34.80	Wash, 1 ch. wide, course NW.
41:39	<p>Proportional distance,</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.</p> $\frac{1}{4} \begin{array}{r} S 4 \\ S 9 \\ 1941 \end{array}$ <p style="text-align: right;">from which</p> <p>A juniper, 6 ins. diam., bears S. 54° W., 309 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.</p> <p>A pine, 8 ins. diam., bears S. 14$\frac{1}{2}$° W., 398 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.</p>
63.00	Asc. 75 ft. over NE. slope.

BOOK 4337

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
69.20	Old location of State Highway No. 64, bears NE. and SW.
77.30	Ridge, bears NE. and S.; desc. slightly.
82.78	The cor. of secs. 4, 5, 8, and 9.
	Land, rolling. Soil, rocky, 4th rate. Timber, scattering pine and juniper; undergrowth, desert holly.
	----- From the cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp.
	S. 1° 44' W., bet. secs. 4 and 5.
	Over gently rolling land, through scattering timber.
40.60	Proportional distance,
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} \frac{1}{4} \\ \\ S\ 5\ \ S\ 4 \\ \\ 1941 \end{array}$ <p style="text-align: right;">from which</p>
	A juniper, 5 ins. diam., bears S. 46 $\frac{3}{4}$ ° E., 71 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.
	A juniper, 26 ins. diam., bears S. 54° W., 183 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
49.80	Enter draw, at junction, course NW. from SE. and S.; ascend slightly along draw.
80.84	The cor. of secs. 4, 5, 8, and 9.
	Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering pine and juniper; undergrowth, desert holly.
	----- From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp.; described in the field notes of the N. bdy. of T. 21 N., R. 2 E., resurveyed under this group.
	N. 1° 37' W., bet. secs. 31 and 32.
	Over gently rolling land, through timber.
0.20	Trail to tower on Bill Williams Mountain, bears NW. and SE.
0.30	Fence, bears NE. and SW.
1.00	Same trail, bears NE. and SW.
1.80	Same trail, bears NW. and SE.

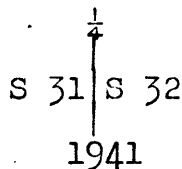
Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

- 2.90 Dry wash, 15 lks. wide, course NW.; asc. slightly.
 14.70 Graded road, bears NW. and SE.
 16.70 Telephone line, bears S. 72° W. and N. 72° E.
 37.20 Ridge, bears NW. and SE.
 40.60 The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 20x16x8 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., 10 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.



from which

A pine, 6 ins. diam., bears N. 34 $\frac{1}{2}$ ° E., 38 lks. dist., mkd. $\frac{1}{4}$ S 32 B T.

A pine, 8 ins. diam., bears S. 50 $\frac{1}{2}$ ° W., 28 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

N. 0° 08' E., bet. secs. 31 and 32.

- 0.80 Drift fence, bears N. 50° E. and S. 50° W.
 4.60 Telephone line, bears NE. and SW.
 5.90 U. S. Highway No. 66, bears N. 49 $\frac{1}{2}$ ° E. and S. 49 $\frac{1}{2}$ ° W.
 10.00 Spur, slopes NE.
 30.40 Fence, bears NE. and SW.
 30.90 Telephone line, bears NE. and SW.
 31.30 Telephone line, bears NE. and SW.
 32.00 A.T. & S.F. R.R., two tracks, bears NE. and SW.
 33.10 Telephone line, bears NE. and SW.
 33.90 Fence, bears NE. and SW.
 39.96 The cor. of secs. 29, 30, 31, and 32, as evidenced by a stone, 20x12x10 ins., mkd. with 1 notch on S. and 5 notches on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 29, 30, 31, and 32, with brass cap mkd.

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Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

T22N	R2E
S 30	S 29
S 31	S 32
1941	

from which

A pine, 10 ins. diam., bears N. 42° E., 130 lks.
dist., mkd. T 22 N R 2 E S 29 B T.

A pine, 6 ins. diam., bears S. 27 $\frac{3}{4}$ ° E., 111 lks.
dist., mkd. T 22 N R 2 E S 32 B T.

A pine, 6 ins. diam., bears S. 50 $\frac{3}{4}$ ° W., 137 lks.
dist., mkd. T 22 N R 2 E S 31 B T.

A pine, 34 ins. diam., bears N. 74 $\frac{1}{4}$ ° W., 160 lks.
dist., mkd. T 22 N R 2 E S 30 B T.

From cor. fences extend N. and E.

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, pine and oak; undergrowth, scrub oak.

From the cor. of secs. 28, 29, 32, and 33.

West, bet. secs. 29 and 32, and along S. bdy. of the
townsite of Williams.

Over gently rolling land, along fence.

39.02 The $\frac{1}{4}$ sec. cor., as evidenced by a malpais stone, 16x12x4
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., 28 ins. in the
ground, with the original stone buried alongside, for
 $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

	S 32
	1941

raise a mound

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

From cor. the bdys. of the townsite of Williams extend
N. and E.

S. 89° 55' W., bet. secs. 29 and 32.

Over gently rolling land.

10.00 Enter timber, bears N. and S.; low spur, slopes N.

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

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, second growth pine on W. 30 chs.; undergrowth,
none.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

From the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp.

N. 89° 05' E., bet. secs. 30 and 31.

Over gently rolling land, through timber.

10.60 Unimproved road, bears S. and W.; a house bears S. 59° E.

28.80 Same house bears S.

38.90 Proportional distance,

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.

$$\frac{1}{4} \begin{array}{r} S 30 \\ \hline S 31 \\ 1941 \end{array}$$

from which

A pine, 6 ins. diam., bears S. 54 $\frac{3}{4}$ ° E., 224 lks. dist., mkd. $\frac{1}{4}$ S 31 B T.

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

55.80 Drain, course NE.

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

Land, gently rolling.

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

Timber, second growth pine; undergrowth, none.

N. 0° 36' W., bet. secs. 29 and 30.

Over gently rolling land, through timber, along fence.

3.00 Telephone line, bears N. 88° W. and S. 88° E.

24.00 Wash, 1 ch. wide, course NE.

27.10 An earth dam, 5 ft. high, bears W., 1.50 chs. dist., small reservoir above dam; ranch house bears W., 6.90 chs. dist.

31.60 Unimproved road, bears NE. and SW.

40.17 The $\frac{1}{4}$ sec. cor., as evidenced by a fence cor. This fence cor. is recognized by local residents as the $\frac{1}{4}$ sec. cor.

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.

$$\begin{array}{r} \frac{1}{4} \\ S 30 \mid S 29 \\ \hline 1941 \end{array}$$

from which

A pine, 8 ins. diam., bears S. 33 $\frac{1}{2}$ ° E., 251 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

A pine, 6 ins. diam., bears S. 45° W., 113 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

From cor. fences extend N., S., and W.

N. 0° 17' W., bet. secs. 29 and 30.

Over gently rolling land, along fence.

2.20 A ranch house bears W., 1 ch. dist.

2.40 Unimproved road, bears NW. and SE.

4.50 SE. cor. of cultivated field.

18.00 NE. cor. of cultivated field.

18.40 Wash, 40 lks. wide, course E.

22.00 Fence extends W. from N.-S. fence.

40.06 The cor. of secs. 19, 20, 29, and 30, as evidenced by a stone, 14x8x8 ins., mkd. with 2 notches on S. and 5 notches on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for cor. of secs. 19, 20, 29, and 30, with brass cap mkd.

T22N R2E	
S 19	S 20
S 30	S 29

1941

from which

A pine, 12 ins. diam., bears N. 74 $\frac{1}{4}$ ° E., 208 lks. dist., mkd. T 22 N R 2 E S 20 B T.

A pine, 10 ins. diam., bears S. 34° E., 221 lks. dist., mkd. T 22 N R 2 E S 29 B T.

A pine, 6 ins. diam., bears S. 27 $\frac{3}{4}$ ° W., 220 lks. dist., mkd. T 22 N R 2 E S 30 B T.

A juniper, 5 ins. diam., bears N. 70 $\frac{3}{4}$ ° W., 168 lks. dist., mkd. T 22 N R 2 E S 19 B T.

Cor. is on a low spur, slopes SE.; from cor. fences extend E., W., and S.

Land, gently rolling.

Soil, rocky, 4th rate.

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

From the cor. of secs. 20, 21, 28, and 29.

S. 89° 57' W., bet. secs. 20 and 29.

Over rolling land, through scattering timber, along fence.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
15.00	Low spur, slopes S.
24.70	Draw, 6 lks. wide, course SE.
33.00	Low spur, slopes S.
38.10	Fence bears N. from E.-W. fence.
39.34	The $\frac{1}{4}$ sec. cor., as evidenced by a sandstone, 18x10x6 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., 28 ins. in the ground, with the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \cdot \frac{S 20}{S 29}$ 1941
	from which
	A pine, 10 ins. diam., bears S. $17\frac{3}{4}^{\circ}$ E., 189 lks. dist., mkd. $\frac{1}{4}$ S 29 B T.
	A pine, 10 ins. diam., bears N. $13\frac{1}{2}^{\circ}$ W., 152 lks. dist., mkd. $\frac{1}{4}$ S 20 B T.
	N. $89^{\circ} 50'$ W., bet. secs. 20 and 29.
	Over rolling land, along fence.
3.40	Draw, 20 lks. wide, course S.
8.50	Low spur, slopes S.
21.30	Draw, 25 lks. wide, course SE.
22.00	Dim road, bears NW. and SE.
40.81	The cor. of secs. 19, 20, 29, and 30.
	Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering pine and juniper; undergrowth, jack pine.
	----- From the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp.
	N. $88^{\circ} 40'$ E., bet. secs. 19 and 30.
	Desc. 60 ft. over SE. slope, through scattering timber.
11.90	Draw, 6 lks. wide, course SE.; over gently rolling land.
16.30	Draw, 10 lks. wide, course S.
18.30	Fence cor. from which fences extend N., S., and E.
24.50	Low spur, slopes SE.
37.90	Fence, bears S., and N., 1 ch. dist. to E.-W. fence.

BOOK 1887

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

38.47 Proportional distance,

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

$$\frac{1}{4} \begin{array}{r} S 19 \\ \hline S 30 \\ 1941 \end{array}$$

from which

A pine, 5 ins. diam., bears S. $26\frac{1}{2}^{\circ}$ W., 15 lks. dist., mkd. $\frac{1}{4}$ S 30 B T.

A pine, 5 ins. diam., bears N. $69\frac{1}{2}^{\circ}$ W., 42 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

56.40 Draw, 6 lks. wide, course S.

74.90 Low spur, slopes S.

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

Land, gently rolling.

Soil, gravel and clay, 4th rate.

Timber, scattering pine and juniper; undergrowth, jack pine.

N. $0^{\circ} 33'$ E., bet. secs. 19 and 20.

Over gently rolling land, through timber.

22.00 Head of small draw, course SE.

29.20 Wash, 10 lks. wide, course SE.

39.43 The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 20x14x12 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 the original stone buried alongside, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \\ S 19 \mid S 20 \\ 1941 \end{array}$$

from which

Old bearing tree:

A pine, 26 ins. diam., bears N. $60\frac{1}{2}^{\circ}$ E., 53 lks. dist., marks overgrown. I remark this tree:
 $\frac{1}{4}$ S 20 B T.

New bearing tree:

A pine, 12 ins. diam., bears N. 51° W., 21 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

N. $0^{\circ} 46'$ W., bet. secs. 19 and 20.

Over gently rolling land, through timber.

20.00 Low ridge, bears E. and W.; along top of spur, slopes N.

39.87 The cor. of secs. 17, 18, 19, and 20, as evidenced by a stone, 10x10x6 ins., mkd. with 3 notches on S. and 5 notches on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for cor. of secs. 17, 18, 19, and 20, with brass cap mkd.

T22N R2E	
S 18	S 17
S 19	S 20
1941	

from which

Old bearing tree:

A juniper 40 ins. diam., bears S. $12\frac{1}{2}^{\circ}$ E., 56 lks. dist., mkd. T 22 N R 2 E S 20 B T. This tree is not of record.

New bearing trees:

A juniper, 10 ins. diam., bears N. $75\frac{1}{4}^{\circ}$ E., 133 lks. dist., mkd. T 22 N R 2 E S 17 B T.

A juniper, 8 ins. diam., bears S. 22° W., 68 lks. dist., mkd. T 22 N R 2 E S 19 B T.

A pine, 6 ins. diam., bears N. $86\frac{3}{4}^{\circ}$ W., 90 lks. dist., mkd. T 22 N R 2 E S 18 B T.

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, yellow pine and pinon, and juniper; undergrowth, native grass and scrub oak.

From the cor. of secs. 16, 17, 20, and 21.

S. $89^{\circ} 26'$ W., bet. secs. 17 and 20.

Over gently rolling land, through scattering timber.

10.00 Low spur, slopes N.

35.10 Draw, 15 lks. wide, course N.

37.20 Fence, bears N. and S.

40.04 Proportional distance,

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.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	$\frac{1}{4} \frac{S 17}{S 20}$ 1941 from which A pine, 6 ins. diam., bears N. $54\frac{1}{4}^\circ$ E., 42 lks. dist., mkd. $\frac{1}{4}$ S 17 B T. A pine, 12 ins. diam., bears S. 72° E., 56 lks. dist., mkd. $\frac{1}{4}$ S 20 B T. Asc. 200 ft. over gentle, rolling, E. slope.
80.08	The cor. of secs. 17, 18, 19, and 20. Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering pine and juniper; undergrowth, none. <hr/> From the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp. N. $88^\circ 58'$ E., bet. secs. 18 and 19. Over rolling land, through timber.
3.50	Draw, 10 lks. wide, course NE.
29.00	Point of low spur, slopes N.
33.40	Head of draw, course NW.
37.30	Low spur, slopes N.
38.57	Proportional distance, Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd. $\frac{1}{4} \frac{S 18}{S 19}$ 1941 from which An oak, 8 ins. diam., bears N. 22° E., 47 lks. dist., mkd. $\frac{1}{4}$ S 18 B T. An oak, 8 ins. diam., bears S. $65\frac{3}{4}^\circ$ W., 93 lks. dist., mkd. $\frac{1}{4}$ S 19 B T.
	Desc. 130 ft. over E. slope.
58.00	Draw, 15 lks. wide, course N.; asc. 50 ft. over W. slope.
66.10	Low spur, slopes N.; descend slightly.
68.00	Draw, 6 lks. wide, course N.; asc. 75 ft. over W. slope.
77.20	Low spur, slopes N.; descend slightly.
78.75	The cor. of secs. 17, 18, 19, and 20. Land, rolling. Soil, rocky, 4th rate. Timber, pine, juniper, and oak; undergrowth, jack pine and scrub oak.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

N. 0° 49' E., bet. secs. 17 and 18.

Desc. 200 ft. along top of spur, through timber.

20.20 Toe of spur; dry wash, 10 lks. wide, course NE.; over gently rolling land.

27.30 Low spur, slopes NE.

39.83 The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 24x12x10 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., 18 ins. in the ground, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 18 \text{ | S } 17 \\ | \\ 1941 \end{array}$$

from which

A pine, 6 ins. diam., bears S. 64° E., 47 lks. dist., mkd. $\frac{1}{4}$ S 17 B T.A pine, 6 ins. diam., bears S. 70° W., 322 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

No trace of the original bearing tree.

N. 0° 27' E., bet. secs. 17 and 18.

Desc. 105 ft. over a gentle NW. slope.

24.70 Draw, course NE.

27.20 Draw, course E.; over gently rolling land.

36.00 Drift fence, bears NW. and SE.

40.45 The cor. of secs. 7, 8, 17, and 18, as evidenced by a stone, 20x12x5 ins., mkd. with 4 notches on S. and 5 notches on E. edges, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, for cor. of secs. 7, 8, 17, and 18, with brass cap mkd.

$$\begin{array}{c} \text{T22N R2E} \\ \text{S } 7 \text{ | S } 8 \\ \hline \text{S } 18 \text{ | S } 17 \\ 1941 \end{array}$$

from which

A pine, 22 ins. diam., bears N. 75° E., 182 lks. dist., mkd. T 22 N R 2 E S 8 B T.

A pine, 26 ins. diam., bears S. 5 $\frac{1}{4}$ ° E., 342 lks. dist., mkd. T 22 N R 2 E S 17 B T.

A pine, 24 ins. diam., bears S. 4° W., 342 lks. dist., mkd. T 22 N T 2 E S 18 B T.

4337

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>Land, rolling mountainous. Soil, rocky, 4th rate. Timber, pine, juniper, and oak; undergrowth, jack pine, scrub oak, and native grass.</p> <p>-----</p> <p>From the cor. of secs. 8, 9, 16, and 17. N. 89° 14' W., bet. secs. 8 and 17. Over gently rolling land.</p>
41.14	<p>The point for the $\frac{1}{4}$ sec. cor., as determined from the original bearing tree.</p> <p>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.</p> <div style="text-align: center;"> $\frac{1}{4} \frac{S \ 8}{S \ 17}$ <p>1941</p> </div> <p style="text-align: right;">from which</p> <p>Original bearing tree:</p> <p style="padding-left: 40px;">A juniper, 26 ins. diam., bears S. 7$\frac{1}{4}$° E., 172 lks. dist., marks nearly overgrown. I remark this tree: $\frac{1}{4}$ S 17 B T.</p> <p>New bearing tree:</p> <p style="padding-left: 40px;">A juniper, 32 lins. diam., bears N. 33$\frac{1}{2}$° E., 192 lks. dist., mkd. $\frac{1}{4}$ S 8 B T. N. 89° 55' W., bet. secs. 8 and 17. Desc. 100 ft. over a gentle W. slope.</p>
12.00	Drain, 100 lks. wide, course N.; earth tank in drain, bears S., about 5 chs. dist.; over gently rolling land.
19.30	Unimproved road, bears N. 20° E. and S. 20° W.
39.70	<p>The cor. of secs. 7, 8, 17, and 18.</p> <p>Land, gently rolling. Soil, rocky, 4th rate. Timber, very scattering juniper; undergrowth, none.</p> <p>-----</p> <p>From the cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp.</p> <p>N. 87° 45' E., bet. secs. 7 and 18. Asc. 22 ft. over W. slope, through scattering timber.</p>
3.80	Spur, slopes N.; desc. 80 ft. over E. slope.
23.80	Wash, 20 lks. wide, course N.; asc. 70 ft. along W. slope.
36.30	Low spur, slopes N.; desc. slightly.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

39.26

Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S \ 7}{S \ 18}$$

1941

from which

A juniper, 18 ins. diam., bears N. $3\frac{3}{4}^{\circ}$ W., 165 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

A juniper, 30 ins. diam., bears S. 11° W., 101 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.

42.30

Low spur, slopes NE.; desc. 100 ft. over SE. slope.

62.30

Draw, 10 lks. wide, course SE.; over gently rolling land.

75.50

Fence, bears NW. and SE.

78.80

Low spur, slopes S.

79.80

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

Land, rolling.

Soil, rocky, 4th rate.

Timber, scattering pine and juniper; undergrowth, cliff rose and scrub juniper.

N. $2^{\circ} 04'$ E., bet. secs. 7 and 8..

Over gently rolling land, through scattering timber.

32.10

Low spur, slopes NE.

40.17

The $\frac{1}{4}$ sec. cor., as evidenced by a stone, 16x12x6 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., 8 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4} \frac{S \ 7 \mid S \ 8}{1941}$$

from which

A juniper, 24 ins. diam., bears N. $13\frac{1}{4}^{\circ}$ E., 173 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.

A pine, 5 ins. diam., bears N. $70\frac{1}{2}^{\circ}$ W., 85 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

N. 1° 45' W., bet. secs. 7 and 8.

Desc. 117 ft. over NE. slope, through scattering timber.

25.00 End of descent; over nearly level land.

40.09 The cor. of secs. 5, 6, 7, and 8, as evidenced by an old mound of stone.

At point for cor. in the center of the mound of stone,

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, with brass cap mkd.

T22N R2E

S 6 | S 5

S 7 | S 8

1941

from which

A pine, 24 ins. diam., bears N. 77° E., 259 lks. dist., mkd. T 22 N R 2 E S 5 B T.

A pine, 25 ins. diam., bears S. 71½° E., 442 lks. dist., mkd. T 22 N R 2 E S 8 B T.

Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

Land, rolling.

Soil, rocky, 4th rate.

Timber, scattering juniper, oak, and pinon; undergrowth, cliff rose, scrub oak, and scrub juniper.

From the cor. of secs. 4, 5, 8, and 9.

N. 89° 23' W., bet. secs. 5 and 8.

Over gently rolling land, through scattering timber.

25.15 Low ridge, bears N. and S.

40.15 The ¼ sec. cor., as evidenced by a stone, 16x12x10 ins., mkd. ¼ on N. face, set in a mound of stone.

At point for cor.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, with the original stone buried alongside, and in a mound of stone to top, for ¼ sec. cor., with brass cap mkd.

¼ S 5

S 8

1941

from which

A pinon, 6 ins. diam., bears N. 30° E., 352 lks. dist., mkd. ¼ S 5 B T.

A juniper, 5 ins. diam., bears S. 58½° W., 388 lks. dist., mkd. ¼ S 8 B T.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains	
	N. 89° 30' W., bet. secs. 5 and 8. Over gently rolling land.
26.40	Wash, 15 lks. wide, course NW.
33.40	Low spur, slopes NW.
36.00	Wash, course NW.
39.20	Unimproved road, bears NW. and SE.
40.03	The cor. of secs. 5, 6, 7, and 8. Land, gently rolling. Soil, clay and gravel, 4th rate. Timber, scattering pine and juniper; undergrowth, scrub juniper and desert holly.

	From the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp. N. 87° 45' E., bet. secs. 6 and 7. Over gently rolling land, through scattering timber.
1.80	Wash, 20 lks. wide, course NE.
6.90	Low spur, slopes N.
15.10	Wash, 30 lks. wide, course NW.
19.90	Leave scattering timber, bears NW. and SE.
39.44	Proportional distance, Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4} \frac{S \ 6}{S \ 7}$ 1941
	from which
	A juniper, 14 ins. diam., bears N. 45° E., 274 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.
	A pine, 6 ins. diam., bears S. 20 $\frac{3}{4}$ ° W., 458 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
41.40	Low ridge, bears N. and S.
77.50	Wash, 10 lks. wide, course NE.
79.91	The cor. of secs. 5, 6, 7, and 8. Land, gently rolling. Soil, rocky, 4th rate. Timber, scattering pine and juniper; undergrowth, desert holly.

Resurvey of Subdivision of T. 22 N., R. 2 E.

Chains

From the cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the Tp.

S. $1^{\circ} 22'$ W., bet. secs. 5 and 6.

Over gently rolling land, through scattering timber.

39.41 Proportional distance,

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 6\ | \ S\ 5 \\ | \\ 1941 \end{array}$$

from which

A pine, 6 ins. diam., bears N. $45\frac{1}{2}^{\circ}$ E., 224 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.

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

44.70 Top of rim rock, 25 ft. high, faces S., bears NE. and SW.

51.80 Gulch, course E.

60.00 Unimproved road, bears NW. and SE.

76.00 Dry wash, 10 lks. wide, course NE.

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

Land, gently rolling.

Soil, rocky, 4th rate.

Timber, scattering pine and juniper; undergrowth, scrub timber.

Final Test of Solar Attachments.

September 28, 1941, on the meridian described in the field notes of the resurvey of T. 21 N., R. 5 E., at 9h 00m a.m. app. t., set off $35^{\circ} 10'$ N. on the lat. arcs, $2^{\circ} 02'$ S. on the decl. arcs and determine a meridian with the solar attachments, which agrees with the true meridian.

At 3h 00m, p.m., app. t., with the lat. arcs unchanged, set off $2^{\circ} 08'$ S. on the decl. arcs and determine a meridian with the solar attachments, which agrees with the true meridian.

COCK 4337

T. 22 N., R. 2 E.

General Description.

The land in this township is mostly gently rolling hills, with an elevation of about 7000 feet above sea level. The soil is clay and rocky, 3d and 4th rate.

There are patches of pine, pinon, juniper, and oak timber over all of the township. The undergrowth is mostly scrub timber, with some thorny locust, mountain mahogany, and other shrubs. A good growth of native grass is found in most parts.

The drainage is generally north to northeast through numerous water courses which are dry, except during the wet seasons. Some earth dams have been constructed to hold part of the run off.

U. S. Highway No. 66 traverses the southern part of the township in an easterly-westerly direction, as does the main line of the Atchison, Topeka, and Santa Fe Railroad. The Grand Canyon Branch of the A.T. & S.F. R.R. leaves the main line near the $\frac{1}{4}$ section corner of sections 27 and 28 and traverses northerly through the township, leaving it near the corner of secs. 3, 4, 33, and 34 on the north boundary. State Highway No. 64 leaves U. S. Highway No. 66 in section 26 and traverses northerly towards Grand Canyon, leaving the township on the north boundary of section 2. There are secondary roads in most parts of the township.

Williams, a town of about 2500 population, is located in the township along the railroad and U. S. Highway No. 66. The townsite embraces the following areas: Sec. 28, S. $\frac{1}{2}$; Sec. 29, SE. $\frac{1}{4}$; Sec. 33, N. $\frac{1}{2}$. There are a few farm and ranch houses over the remainder of the township. A private airport is located in section 9.

Stock grazing is the principal industry. The town of Williams is largely supported by railroad activities and tourist traffic to and from Grand Canyon.

No particular evidence of mineral deposits was noted.

1934

4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Irwin B. Williams	Principal Assistant
John G. Coverdale	Principal Assistant
Clair Pearson	Truck Driver
John Korfanta	Chainman
John Drazewich	Chainman
Roy Mashburn	Flagman & Truck Driver
Glen A. Bush	Moundsman
Durward W. Schrader	Axeman
Robert J. Madrid	Axeman
Roy West	Axeman
James C. Bennet	Axeman
Stanley J. Jarocho	Axeman
Dallas A. Sears	Axeman
Paul M. Utzman	Axeman

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CERTIFICATE OF SURVEYOR

We, Ty White, Associate Cadastral Engineer, Horace M. Muscott and Claude F. Warner, Assistant Cadastral Engineers, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 19th day of December, 1940, received from the district cadastral engineer for Arizona, with assignment instructions dated May 9, 1941 and September 19, 1941, we have surveyed the West Boundary, North Boundary and Subdivisional Lines of Township 22 North, Range 2 East

of the Gila & Salt River 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 resurvey 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.

Flagstaff, Ariz., July 29, 1945
Glendale, Calif., July 26, 1945.
Flagstaff, Ariz., July 29, 1945.

Ty White
Associate Cadastral Engineer.
Horace M. Muscott (deceased)
formerly Assistant Cadastral Engineer.
By *John H. Warboys*
DISTRICT CADASTRAL ENGINEER
Claude F. Warner
Assistant Cadastral Engineer

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, January 28, 1946.

The foregoing field notes of the ^{re} survey of the West Boundary, North Boundary and Subdivisional Lines of Township 22 North, Range 2 East of the Gila and Salt River Meridian

executed by Ty White, Horace M. Muscott and Claude F. Warner, Assistant Cadastral Engineers under special instructions dated December 19, 1940, and assignment instructions dated May 9, 1941 and Sept. 19, 1941, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the ^{re} 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.~~