

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD NOTES

BOOK 4332

OF RESURVEYS IN

T. 12 N., R. 28 E.

Ts. 13 N., Rs. 26 and 28 E.

Ts. 14 N., Rs. 25, 26, and 27 E.

Ts. 15 N., Rs. 22, 23, 24, and 25 E.

Ts. 16 N., Rs. 21 and 22 E.

Ts. 17 N., Rs. 19, 20, and 21 E.

Ts. 18 N., Rs. 16, 17, 18, 19, 20, 22, 23,  
24, and 25 E.

Ts. 19 N., Rs. 16, 17, 18, 21, 23, and 25 E.

Ts. 20 N., Rs. 16, 19, 22, and 25 E.

Ts. 21 N., Rs. 15 and 23 E.

Of the Gila and Salt River Meridian,

in the State of Arizona

EXECUTED BY

F. Wayne Forrest, Assistant Cadastral Engineer

and

Claude F. Warner, Assistant Cadastral Engineer

General Land Office

Under special instructions dated April 10th, 1944, which provided

for the surveys included under Group No. 243, bearing the approval of the

Commissioner of the General Land Office under date of April 21st, 1944

and assignment instructions dated April 10th, 1944

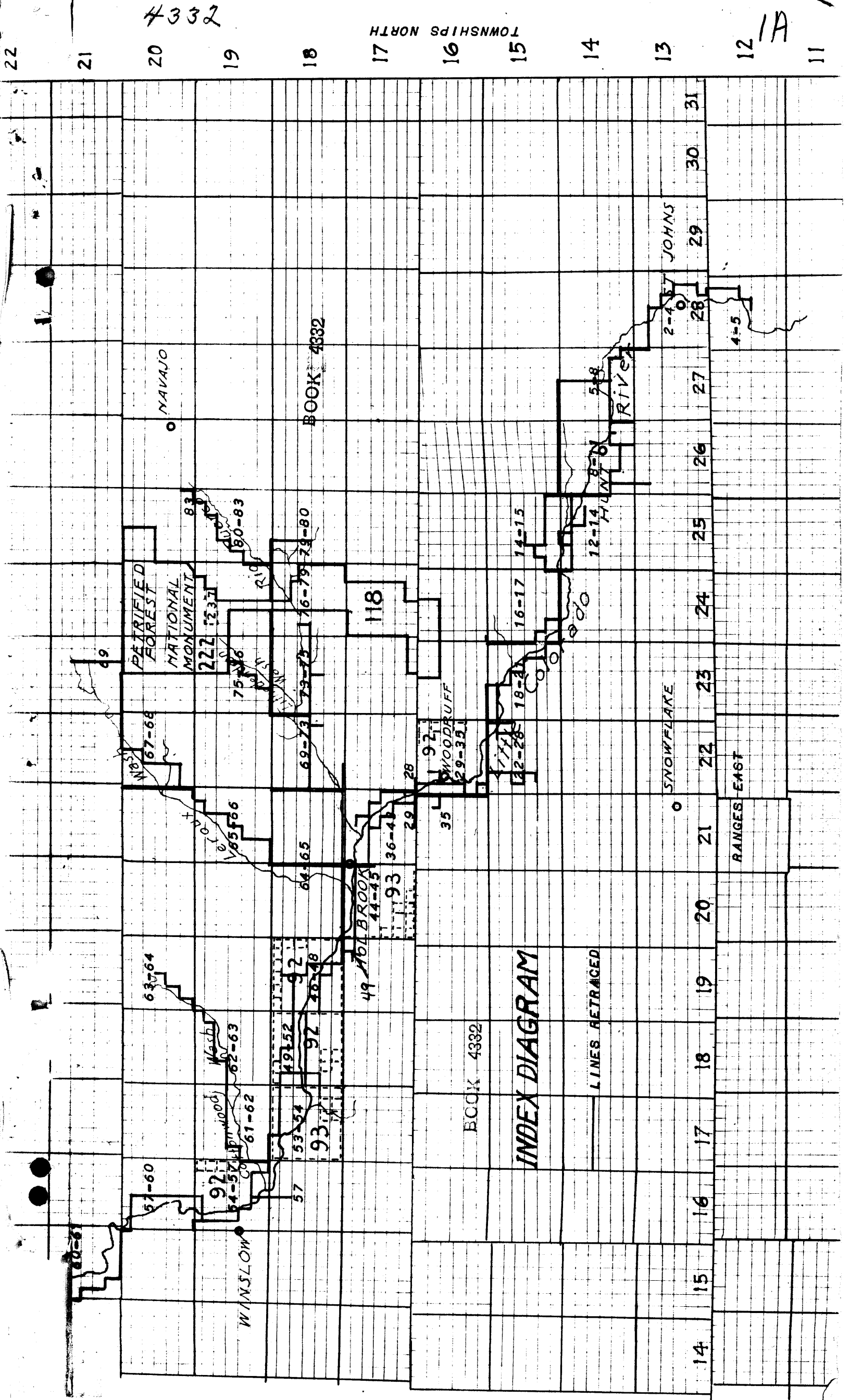
Survey commenced April 21st, 1944

Survey completed August 9th, 1944

# INDEX DIAGRAM.

*Township* \_\_\_\_\_, *Range* \_\_\_\_\_

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



#332

TOWNSHIPS NORTH

12 1A

22  
21  
20  
19  
18  
17  
16  
15  
14  
13  
12  
11

NAVADO  
PATRIIFIED FOREST NATIONAL MONUMENT

NAVAJO

BOOK 4332

118

SNOWDRUFF

INDEX DIAGRAM

LINES RETRACED

SNOWFLAKE

RANGES EAST

JOHNS

RIVER

WINSLOW

BOOK 4332

49 HOLA BROOK

WASCHA

WASCHA

WASCHA

WASCHA

WASCHA

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The retracements herein described were executed with Buff solar transits Nos. 9223 and 18002. The instruments comply with the standard specifications of the general land office and were placed in satisfactory adjustment prior to the beginning of the survey and tested at frequent intervals throughout.

The directions of the lines were determined by the solar transit method. The measurements were made with steel tapes, 5 chs. in length, on the slope and the vertical angle of each interval was ascertained with a clinometer, the horizontal equivalents are entered in the field note record.

By calculation from the data furnished with the special instructions the geographic position of the cor. of Tps. 13 and 14 N., Rs. 27 and 28 E. is: latitude  $34^{\circ} 33' 09''$  N., and longitude  $109^{\circ} 26' 00''$  W.

During the course of the retracements described in the following field notes a diligent search was made for all corners, and temporary points were set where corners were not found. Herein are noted only such temporary points as necessary to make the retracements continuous. Few corners were found and most of these were perpetuated with regulation iron post monuments. Some corners such as corners set by local surveyors and long established fence corners were tied in but not perpetuated with iron post monuments as the limitation of funds prevented the extensive retracements necessary to prove the authenticity of these corners. Also a few well preserved original corners were not remonumented.

In Tps. 14 N., Rs. 25, 26, and 27 E., there is much distortion in the existing surveys, and a number of the monuments found therein are noted but were not conclusively identified as corners. According to local residents many corners were purposely destroyed or moved to suit the convenience of early settlers. Also it would appear that the original surveys made by different Deputy Surveyors were not coordinated with each other. In case of a resurvey in these townships extensive retracements would be necessary in order to determine the type of resurvey best suited to protect the bona fide rights of the claimants.

In Tps. 15 N., Rs. 22 and 23 E., and T. 16 N., R. 22 E., a number of stone monuments were found marked for sections and  $\frac{1}{4}$  section corners, and all additionally mkd. W C. These monuments were evidently set during the course of some local survey and are not in harmony with existing original corners.

In general, in the area covered by the retracements, only a small percentage of the corners were found due mainly to the perishable nature of the original monuments and flood action along the water courses.

Togography is omitted in the following field notes, except, for some instances where a sufficient number of corners were found to determine the true position of the lines, and for some items desired by the Geological Survey in order that they might coordinate the retracements with their river surveys.

## Retracements in T. 13 N., R. 28 E.

## Chains

The bdays. and subdivisional lines were surveyed by C. B. Foster, Deputy Surveyor; in 1875. The S. bdy. (3rd Stan. Par. N.) was retraced by A.P. Johnson, Deputy Surveyor, and the E. 3 miles were resurveyed by M. Santee, Deputy Surveyor, in 1882. The E. bdy. was resurveyed by Santee, and the W. bdy. by Johnson in 1882.

-----

The cor. of Tps. 13 and 14 N.; Rs. 27 and 28 E. is evidenced by a lava stone, 8x6x6 ins., mkd. with 6 grooves on each of the N., S., E., and W. faces; set in a small mound of stone.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the original stone and a glass bottle deposited at the base, at cor. of Tps. 13 and 14 N., Rs. 27 and 28 E., with brass cap mkd.

|      |      |
|------|------|
| T14N |      |
| R27E | R28E |
| S 36 | S 31 |
| S 1  | S 6  |
| T13N |      |
| 1944 |      |

S. 0° 23' W., on true line bet. secs. 1 and 6, along the W. bdy. of the Tp.

Over nearly level land.

1.60 Barbed wire fence, bears E. and W.

40.22 The  $\frac{1}{4}$  sec. cor. as evidenced by a lava stone, 12x10x8 ins., mkd.  $\frac{1}{4}$  on W. face.

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

|      |     |
|------|-----|
| ↑    |     |
| S 1  | S 6 |
| ↓    |     |
| 1944 |     |

S. 0° 14' W., on true line bet. secs. 1 and 6, along the W. bdy. of the Tp.

Over nearly level land.

11.40 Thence over low rolling hills.

29.80 Wash, 10 lks. wide, course NW.

38.30 Low spur, slopes E.

40.26 The cor. of secs. 1, 6, 7, and 12, as evidenced by a lava stone, 10x8x6 ins., mkd. with 5 notches on S. and 1 notch on N. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, at cor. of secs. 1, 6, 7, and 12, with brass cap mkd.

## Retracements in T. 13 N., R. 28 E.

BOOK 4382

|      |      |
|------|------|
| T13N |      |
| R27E | R28E |
| S 1  | S 6  |
| S 12 | S 7  |

1944

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

-----  
East, on a random line describing the tangent, bet. secs.  
6 and 7, 5 and 8, and 4 and 9.

- 25.56 From this point a granite stone, 8x6x5 ins. above ground, mkd.  $\frac{1}{4}$  on N. face, bears S., 91 lks. dist. The status of this stone is questionable.
- 56.80 From this point a house bears N., 10.12 chs. dist.
- 66.40 Road, bears N. and S.
- 218.95 From this point a house bears north, 50 lks. dist.
- 231.49 No trace of the cor. of secs. 3, 4, 9, and 10, set temp. point.
- From this point a mound of stone bears N.  $1^{\circ} 53'$  W., 9.96 chs. dist.

-----  
S.  $1^{\circ} 06'$  E., on a random line bet. secs. 9 and 10.

- 71.82 From this point a fence cor. bears W., 33 lks. dist., from which fences bear N.  $87\frac{1}{2}^{\circ}$  E. and S.  $13^{\circ}$  E.
- 71.85 No trace of the cor. of secs. 9, 10, 15, and 16, set temporary point.
- From this point a Geological Survey V.A.B.M., elev. 5626 ft., bears N.  $49^{\circ} 44'$  W., 7.81 chs. dist., a copper nail driven in west abutment of a bridge over the Little Colorado River.

-----  
East, on a random line bet. secs. 10 and 15.

- 80.00 No trace of the cor. of secs. 10, 11, 14, and 15, set temporary point.

-----  
South, on a random line bet. secs. 14 and 15.

- 80.00 No trace of the cor. of secs. 14, 15, 22, and 23, set temporary point.

-----  
East, on a random line bet. secs. 14 and 23.

- 19.30 State Highway No. 61, bears N.  $6^{\circ}$  E. and S.  $6^{\circ}$  W.
- 81.84 No trace of the cor. of secs. 13, 14, 23, and 24, set temporary point.
- From this point a fence cor. bears N.  $3^{\circ}$  E., 3.43 chs. dist.
-

## Retracements in T. 13 N., R. 28 E.

| Chains |  |
|--------|--|
|        | South, on a random line bet. secs. 23 and 24.  |
| 78.10  | Road, bears E. and W.  |
| 78.44  | No trace of the cor. of secs. 23, 24, 25, and 26, set temporary point.<br><br>From this point a fence cor. bears S. $89^{\circ} 40'$ E., 2.64 chs. dist., from which fences extend N., E. and W.<br><br>From the same point the NW. cor. of the St. Johns Cemetery bears N. $88^{\circ} 22'$ E., 9.49 chs. dist.<br><br>-----<br>S. $2^{\circ} 46'$ E., on a random line bet. secs. 25 and 26. |
| 79.69  | The center of a mound of stone, 3 ft. base, 1 ft. high, I find no marked stone. This is probably the cor. of secs. 25, 26, 35, and 36, but was not positively identified.<br><br>-----<br>West, on a random line bet. secs. 26 and 35.   |
| 80.00  | No trace of the cor. of secs. 26, 27, 34, and 35, set temporary point.<br><br>From this point a fence corner bears N. $88^{\circ}$ W., 1.72 chs. dist., from which fences extend N. and SE.<br><br>-----<br>South, on a random line bet. secs. 34 and 35.  |
| 80.00  | No trace of the stan. cor. of secs. 34 and 35, on the S. bdy. of the Tp. and the 3rd Stan. Par. N., set temporary point.<br><br>From this point a house bears N. $63^{\circ} 19'$ W., 37.55 chs. dist.<br><br>-----<br>East, on a random line along the S. bdy. of sec. 35.  |
| 32.87  | No trace of the closing cor. of secs. 1 and 2, T. 12 N., R. 28 E., set temp. point.  |

## Retracements in T. 12 N., R. 28 E.

The E. bdy. was surveyed by M. Santee, Deputy Surveyor, in 1882. The S. bdy. was surveyed by C. B. Foster, Deputy Surveyor, in 1875. The S. bdy. was resurveyed and the W. bdy. and subdivisional lines were surveyed by A. P. Johnson, Deputy Surveyor, in 1882.

-----  
From temporary point for the closing cor. of secs. 1 and 2, on the 3rd Stan. Par. N.

South, on a random line bet. secs. 1 and 2, and 11 and 12.

Retracements in T. 12 N., R. 28 E. BOOK 220

| Chains |  |
|--------|--|
| 31.40  | From this point a house bears W., 31.40 chs. dist.   |
| 194.53 | No trace of the cor. of secs. 11, 12, 13, and 14, set temporary point.<br>-----<br>West, on a random line bet. secs. 11 and 14.                                      |
| 80.00  | No trace of the cor. of secs. 10, 11, 14, and 15, set temporary point.<br>-----<br>South, on a random line bet. secs. 14 and 15.                                     |
| 83.80  | No trace of the cor. of secs. 14, 15, 22, and 23, set temporary point.<br>-----<br>S. 85° 45' W., on a random line bet. secs. 15 and 22.                             |
| 73.31  | The cor. of secs. 15, 16, 21, and 22, as evidenced by a sandstone, 16x10x2 ins., mkd. with 3 grooves on each of the S. and E. faces, firmly set in a mound of stone. |

Retracements in T. 14 N., R. 27 E.

The bdys. and subdivisional lines were surveyed by C.B. Foster, Deputy Surveyor, in 1875. The N. & S. bdys. were resurveyed by A. P. Johnson, Deputy Surveyor, in 1882.

|       |   |
|-------|---|
|       | From the cor. of Tps. 13 and 14 N., Rs. 27 and 28 E.<br>North, on a random line bet. secs. 31 and 36, along the E. bdy. of the Tp.  |
| 80.00 | No trace of the corner of secs. 25, 30, 31, and 36, set temporary point.<br>-----<br>S. 89° 16' W., on a random line bet. secs. 25 and 36.  |
| 41.48 | The $\frac{1}{4}$ sec. cor. as evidenced by a sandstone, 24x8x4 ins., mkd. $\frac{1}{4}$ on N. face.<br><br>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside and a glass bottle deposited at the base, at $\frac{1}{4}$ sec. cor., with brass cap mkd.<br><br>$\frac{1}{4} \begin{array}{r} S 25 \\ S 36 \\ 1944 \end{array}$<br>S. 88° 56' W., on true line bet. secs. 25 and 36.<br>Over gently rolling land. |
| 40.04 | The cor. of secs. 25, 26, 35, and 36, as evidenced by a sandstone, 20x12x4 ins., mkd. with 1 groove on each of the S. and E. faces.   |



## Retracements in T. 14 N., R. 27 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground; with the original stone buried alongside, and a glass bottle deposited at the base, at cor. of secs. 25, 26, 35, and 36, with brass cap mkd.

|      |      |
|------|------|
| T14N | R27E |
| S 26 | S 25 |
| S 35 | S 36 |
| 1944 |      |

N. 0° 08' W., on true line bet. secs. 25 and 26.

Over gently rolling land.

38.60 Old road, bears SE. and NW.

40.05 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 16x6x4 ins., mkd.  $\frac{1}{4}$  on W. face.

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

|      |   |      |
|------|---|------|
|      | ↑ |      |
| S 26 |   | S 25 |
| 1944 |   |      |

N. 0° 08' E., on a random line bet. secs. 25 and 26.

40.00 No trace of the cor. of secs. 23, 24, 25, and 26, set temporary point.

From this point a Geological Survey V.A.B.M., elev. 5575 ft., bears S. 63° 32' W., 31.35 chs. dist.; a chisled square in the SW. cor. of the foundation of an old stone house.

S. 89° 03' W., on a random line bet. secs. 23 and 26, and 22 and 27.

121.52 The  $\frac{1}{4}$  sec. cor. of secs. 22 and 27, as evidenced by a lava stone, 14x12x6 ins. above ground, mkd.  $\frac{1}{4}$  on N. face, firmly set in a mound of stone.

West, on a random line bet. secs. 22 and 27.

27.50 From this point a sandstone, 12x6x3 ins., mkd.  $\frac{1}{4}$  on one face, lying in a scattered mound of stone, bears S., 1.47 chs. dist. The status of this stone is questionable.

40.00 Set temp. point for cor. of secs. 21, 22, 27, and 28.

N. 20° 28' W., on a random line bet. secs. 21 and 22.

84.22 A sandstone, 4x3x1 ft., lying on ground, mkd. with 3 grooves on top and 3 grooves on N. edge; lying alongside of same is a sandstone, 24x14x3 ins., mkd. with 3 grooves on each of two adjacent faces.

## Retracements in T. 14 N., R. 27 E.

| Chains |  |
|--------|--|
|        | <p>The large stone was used by H. Roe, surveyor for the Franco Western Oil Co, in connection with local surveys, according to the following extract from a letter addressed to the Public Survey Office, Phoenix, Arizona, by H. Roe, dated August 21, 1946.</p> <p>"We used the NW corner Sec. 22, T14N, R27E for point of beginning. This is marked by a flat limestone slab of rock bearing three chisel marks on sides and top, thus III and is about 700 ft. NE of the North end of the dam. It was dragged into position to mark the old Government corner about 1916, all the corners of Sec. 22 were located at that time as part of the survey for the Udall dam and reservoir which largely occupies Section 22".</p> <p>From the large stone, the S. end of Zion Dam bears S. 24° 49' W., 17.70 chs, dist. (This dam is sometimes called Udall Dam).</p> <p style="text-align: center;">-----</p> |
|        | N. 7° 24' E., on a random line bet. secs. 15 and 16.   |
| 106.32 | No trace of the cor. of secs. 9, 10, 15, and 16, set temporary point.  |
|        | -----  |
|        | North, on a random line bet. secs. 9 and 10.   |
| 80.00  | No trace of the cor. of secs. 3, 4, 9, and 10, set temporary point.  |
|        | <p>From this point a Geological Survey V.A.B.M. bears S. 15° 25' W., 3.96 chs. dist.; a chisled square with USGS VABM 5533 chisled near square, on a sandstone, 4x4x2 ft. above ground.</p> <p style="text-align: center;">-----</p>   |
|        | North, on a random line bet. secs. 3 and 4.  |
| 18.40  | A frame shack, about 10 ft. square, on line.   |
| 80.00  | No trace of the cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp.; set temp. point.  |
|        | -----  |
|        | N. 89° 28' W., on a random line bet. secs. 4 and 33, along the N. bdy. of the Tp.  |
| 80.00  | A slate stone, 15x12x3 ins. above ground, firmly set, no markings evident. This stone has apparently been set locally for the cor. of secs. 4, 5, 32, and 33.  |
|        | -----  |
|        | S. 89° 45' W., on a random line bet. secs. 5 and 32, and 6 and 31, along the N. bdy. of the Tp.  |
| 158.70 | No trace of the cor. of Tps. 14 and 15 N., Rs. 26 and 27 E., set temporary point.  |
|        | <p>From this point a Geological Survey V.A.B.M. bears S. 26° 43' W., 47.94 chs. dist.; a cross chisled on the W. end of a low sandstone ledge with USGS VABM E1 5504 chisled near cross.</p> <p style="text-align: center;">-----</p>  |

## Retracements in T. 14 N., R. 27 E.

|        |  |
|--------|--|
| Chains | point<br>From temporary/for the cor. of secs. 21, 22, 27, and 28.<br>N. 89° 56' W., on a random line bet. secs. 21 and 28,<br>20 and 29, and 19 and 30.  |
| 28.20  | From this point a fence cor. bears S., 1.49 chs. dist.,<br>from which fences extend N., S., and W. (Alongside of<br>fence cor. is a sandstone, 18x10x6 ins., no markings<br>evident.   |
| 241.05 | No trace of the cor. of secs. 19, 24, 25, and 30, on the<br>W. bdy. of the Tp., set temporary point.<br><br>-----<br>S. 0° 57' W., on a random line bet. secs. 25 and 30, and<br>31 and 36, along the W. bdy. of the Tp.   |
| 164.48 | A lava stone, 18x10x6 ins. above ground, mkd. with 6<br>grooves on each of the N., S., E., and W. faces, in a<br>mound of stone, 3 ft. base, 1 ft. high. This stone is<br>properly mkd. for the cor. of Tps. 13 and 14 N., Rs.<br>26 and 27 E., and is accepted locally as such. |

## Retracements in T. 14 N., R. 26 E.

|        |  |
|--------|--|
|        | The bdys. and subdivisional lines were surveyed by C. B.<br>Foster, Deputy Surveyor, in 1875. The N. bdy. was re-<br>surveyed by O.D. Wheeler, Deputy Surveyor, in 1882.<br><br>-----<br>From mkd. stone locally accepted as the cor. of Tps. 13<br>and 14 N., Rs. 26 and 27 E.<br><br>From mkd. stone a windmill bears N. 56° 47' W., 32.20 chs.<br>dist.<br><br>West, on a random line describing the tangent bet. secs.<br>1 and 36, and 2 and 35, along the S. bdy. of the Tp: |
| 160.00 | No trace of the cor. of secs. 2, 3, 34, and 35, on the<br>S. bdy. of the Tp., set temporary point.<br><br>-----<br>N. 18° 29' W., on a random line bet. secs. 34 and 35.   |
| 72.24  | A sandstone, 25x16x8 ins., mkd. with 1 groove on S. and<br>3 grooves on E. faces, firmly set in a mound of stone;<br>this stone is accepted locally as the cor. of secs. 26,<br>27, 34, and 35. From stone fences extend N. and E.<br><br>-----<br>North, on a random line bet. secs. 26 and 27.   |
| 79.80  | Fence cor. from which fences extend N., S., and W.; this<br>fence corner is apparently considered locally to be the<br>cor. of secs. 22, 23, 26, and 27.<br><br>-----  |

## Retracements in T. 14 N., R. 26 E.

| Chains |  |
|--------|--|
|        | N. 89° 41' E., on a random line bet. secs. 23 and 26.  |
| 81.42  | A sandstone, 20x16x4 ins., no markings evident; this stone is apparently the local cor. for secs. 23, 24, 25, and 26.  |
|        | From stone the westerly one of three old stone houses bears N. 51° 48' E., 36.57 chs. dist.  |
| 105.13 | N. 81° 34' E., on a random line bet. secs. 24 and 25.  |
|        | The temporary point for the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp.  |
| 40.13  | From stone which is apparently the local cor. for secs. 23, 24, 25, and 26.  |
|        | S. 1° 18' E., on a random line bet. secs. 25 and 26.   |
|        | A sandstone, 12x6x3 ins., mkd. $\frac{1}{4}$ on N. face, firmly set in a mound of stone; this stone is evidently accepted locally as the $\frac{1}{4}$ sec. cor. of secs. 25 and 26. |
|        | From mkd. stone accepted locally as the cor. of secs. 26, 27, 34, and 35.  |
| 80.77  | S. 89° 51' W., on a random line bet. secs. 27 and 34.  |
|        | A sandstone, 10x6x4 ins., mkd. with 1 groove on S. and 3 grooves on E. faces, set in a small mound of stone; this stone is accepted locally as the cor. of secs. 27, 28, 33, and 34. |
| 80.00  | West, on a random line bet. secs. 28 and 33.   |
|        | No trace of the cor. of secs. 28, 29, 32, and 33, set temporary point.   |
| 80.00  | From this point a small mound of stone bears S. 18 $\frac{1}{4}$ ° E., 1.31 chs. dist., from which fences extend E. and W.   |
|        | North, on a random line bet. secs. 28 and 29.  |
|        | No trace of the cor. of secs. 20, 21, 28, and 29, set temporary point.   |
| 80.00  | From this point a fence cor. bears N. 17 $\frac{1}{2}$ ° W., 1.75 chs. dist., from which fences extend N., S., E. and W.   |
|        | West, on a random line bet. secs. 20 and 29.   |
|        | No trace of the cor. of secs. 19, 20, 29, and 30, set temporary point.   |
|        | From this point a small mound of stone bears S. 81 $\frac{3}{4}$ ° W., 1.31 chs. dist.   |

Retracements in T. 14 N., R. 26 E.

|        |   |
|--------|---|
| Chains | S. 80° 22' W., on a random line bet. secs. 19 and 30.   |
| 120.15 | A fence cor., from which fences extend N., SE., and an old fence line extends W. This fence cor. is apparently accepted locally as the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp.  |
|        | -----   |
|        | N. 0° 13' W., on a random line bet. secs. 19 and 24, along the W. bdy. of the Tp.   |
| 82.75  | A fence cor. from which fences extend N., S., E., and W. This fence cor. is apparently accepted locally as the cor. of secs. 13, 18, 19, and 24.  |
|        | -----   |
|        | N. 0° 24' W., on a random line bet. secs. 13 and 18, along the W. bdy. of the Tp.   |
| 80.17  | A fence cor. from which fences extend N., S., E., and W. This fence cor. is apparently accepted locally as the cor. of secs. 7, 12, 13, and 18.   |
|        | -----   |
|        | N. 0° 07' W., on a random line bet. secs. 7 and 12, along the W. bdy. of the Tp.  |
| 79.95  | A fence cor. from which fences extend S., E., and W.; from this fence cor. another fence cor. bears W., 44 lks. dist. from which fences extend N. and E. These cors. are apparently considered locally to be in the near vicinity of the cor. of secs. 1, 6, 7, and 12. |
|        | -----   |
|        | N. 0° 03' E., on a random line bet. secs. 1 and 6, along the W. bdy. of the Tp.   |
| 80.00  | No trace of the cor. of Tps. 14 and 15 N., Rs. 25 and 26 E., set temp. point.   |
|        | -----   |
|        | N. 83° 16' E., on a random line bet. secs. 6 and 31, along the N. bdy. of the Tp.   |
| 131.60 | The cor. of secs. 5, 6, 31, and 32, as evidenced by a sandstone, 16x14x4 ins. above ground, mkd. with 5 grooves on E. and 1 groove on W. faces, firmly set in the ground.   |
|        | -----   |
|        | N. 84° 42' E., on true line bet. secs. 5 and 32, along the N. bdy. of the Tp.   |
|        | Over nearly level land.   |
| 11.30  | Fence, bears NW. and SE.  |
| 79.37  | The cor. of secs. 4, 5, 32, and 33, as evidenced by a cedar post, 4 ins. square, 2 ft. above ground, markings faintly visible but not legible, firmly set in ground.  |
|        | -----   |

*orig. cor. of T. 14 N. R. 26 E. Reported by Hwy. to be E.*

*orig. cor. of T. 14 N. R. 26 E. Reported by Hwy. to be E.*

*orig. cor. of T. 14 N. R. 26 E. Reported by Hwy. to be E.*

## Retracements in T. 14 N., R. 26 E.

| Chains |  |
|--------|--|
|        | N, 83° 25' E., on true line bet. secs. 4 and 33, and 3 and 34, along the N. bdy. of the Tp.  |
|        | Over nearly level land.  |
| 63.00  | Fence, bears NE. and SW.; ascend over broken hills.  |
| 109.00 | Ridge-spur, slopes S.; desc. over broken hills.  |
| 121.40 | The $\frac{1}{4}$ sec. cor. of secs. 3 and 34, as evidenced by a sandstone, 25x12x3 ins., mkd. $\frac{1}{4}$ on N. face, firmly set in a small mound of stone, with a mound of stone, 3 ft. base, 2 ft. high, N. of cor. |
| -----  |  |
|        | N. 84° 25' E., on true line bet. secs. 3 and 34, and 2 and 35.   |
|        | Descending over broken hills.  |
| 45.00  | Base of hills, bears E. and W.; thence over nearly level land.   |
| 47.70  | Old road, bears N. and S.  |
| 54.60  | Fence, bears NW. and SE. about 3 chs. dist. to end.  |
| 64.20  | Enter low rolling hills, bears N. and S.   |
| 80.10  | The $\frac{1}{4}$ sec. cor. of secs. 2 and 35, as evidenced by a sandstone, 14x14x6 ins., mkd. $\frac{1}{4}$ on N. face, firmly set in ground, with a scattered mound of stone to N. of cor.                             |
| -----  |  |
|        | N. 84° 13' E., on a random line bet. secs. 2 and 35, and 1 and 36, along the N. bdy. of the Tp.  |
| 121.15 | The temporary point for the cor. of Tps. 14 and 15 N., Rs. 26 and 27 E.  |
| -----  |  |
|        | From the temporary point for the cor. of secs. 19, 20, 29, and 30.   |
|        | South, on a random line bet. secs. 29 and 30.  |
| 80.00  | No trace of the cor. of secs. 29, 30, 31, and 32, set temporary point.   |
|        | From this point a windmill bears S. 44° 46' E., 27.77 chs. dist.   |
| -----  |  |
|        | S. 13° 20' E., on a random line bet. secs. 31 and 32.  |
| 85.67  | No trace of the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., set temporary point.   |

## Retracements in T. 13 N., R. 26 E.

## Chains

The subdivisional lines were surveyed by C. B. Foster, Deputy Surveyor, in 1875.

-----

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

South, on a random line bet. secs. 5 and 6.

80.00 A sandstone, 16x10x6 ins. above ground, mkd. with 5 grooves on each of the S. and E. faces, in a mound of stone. This stone is locally accepted as the cor. of secs. 5, 6, 7, and 8.

## Retracements in T. 14 N., R. 25 E.

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The bdys. were surveyed by C. B. Foster, Deputy Surveyor, in 1875. In 1882, O. D. Wheeler, Deputy Surveyor, resurveyed the N., S., and W. bdys., and surveyed the subdivisional lines.

====-

From fence cor. considered locally to be in the near vicinity of the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp.

S. 86° 56' W., on a random line bet. secs. 1 and 12, and 2 and 11.

120.17 No trace of the cor. of secs. 2, 3, 10, and 11, set temporary point.

-----

N. 89° 35' W., on a random line bet. secs. 3 and 10.

41.82 Old location of U.S. highway No. 260, bears N. 20° W. and S. 20° E.

49.72 No trace of the  $\frac{1}{4}$  sec. cor., set temporary point.

From this point a Coast and Geodetic Survey bench mark bears N. 12° 58' E., 17.70 chs. dist., a brass disk set in concrete mkd. T 35 1934.

58.50 U. S. highway No. 260, bears S. 49½° E. and N. 49½° W.

89.72 No trace of the cor. of secs. 3, 4, 9, and 10, set temporary point.

-----

N. 89° 50' W., on a random line bet. secs. 4 and 9.

94.40 Fence cor. from which fences extend approximately N., S., E., and W. This fence cor. is apparently used locally as the cor. of secs. 4, 5, 8, and 9.

-----

## Retracements in T. 14 N., R. 25 E.

NOON 402

| Chains | S. 88° 05' W., on a random line bet. secs. 5 and 8, and 6 and 7.   |
|--------|--|
| 168.53 | The cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp., as evidenced by a cedar post, 2 ins. square, 2½ ft. above ground, mkd. T XIV on NE. face and XII on SE. face, other markings illegible, firmly set in the ground.<br>-----   |
|        | N. 15° 49' E., on a random line bet. secs. 1 and 6, along the west bdy. of the Tp.   |
| 77.05  | No trace of the cor. of Tps. 14 and 15 N., Rs. 24 and 25 E., set temporary point.<br>-----   |
|        | From fence cor. apparently used locally as the cor. of secs. 4, 5, 8, and 9.   |
|        | N. 1° 49' E., on a random line bet. secs. 4 and 5.   |
| 40.06  | The ¼ sec. cor. as evidenced by a cedar post, 4 ins. square, 2 ft. above ground, mkd. ¼ S on W. face, firmly set in a mound of stone under a fence which bears approximately N. and S.<br>-----  |
|        | N. 1° 49' W., on a random line bet. secs. 4 and 5.   |
| 40.02  | No trace of the cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp., set temporary point.<br>From this point a Geological Survey V.A.B.M. elev. 5401 ft., bears S. 64° W., 6.49 chs. dist.; a chisled cross on top of a detached sandstone block.<br>-----   |
|        | N. 88° 47' E., on a random line bet. secs. 4 and 33, along the N. bdy. of the Tp.  |
| 31.60  | U. S. Highway No. 260, bears NW. and SE.   |
| 33.07  | From this point an Arizona highway bench mark bears S., 5.05 chs. dist., a brass disk set in sandstone, mkd. ELEV 5404.26 STA 19.  |
| 80.00  | No trace of the cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp.; set temporary point.<br>From this point Maesta's house bears S. 59° W., 20.92 chs. dist.<br>From the same point a cedar post, 3 ins. square, 3 ft. above ground, mkd. ½ S on W. face, in a mound of stone, bears S. 21° 06' W., 26.55 chs. dist. This post is considered by <u>some</u> of the local residents to be the ¼ sec. cor. of secs. 3 and 4, but its position is questionable.<br>----- |
|        | S. 10° 04' E., on a random line bet. secs. 3 and 4.  |
| 83.49  | The temporary point for the cor. of secs. 3, 4, 9, and 10.<br>-----  |



## Retracements in T. 14 N., R. 25 E.

|        |  |
|--------|--|
| Chains | From temporary point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 10. S. $10^{\circ} 14'$ W., on N.-S. center line section 10.   |
| 80.11  | The $\frac{1}{4}$ sec. cor. of secs. 10 and 15, as evidenced by a cedar post, 4 ins. square, 2 ft. above ground, mkd. $\frac{1}{4}$ S on N. face, firmly set in the ground.<br>-----<br>East, on a random line describing the tangent bet. secs. 10 and 15, and 11 and 14. |
| 96.60  | U. S. Highway No. 260, bears NW. and SE.   |
| 109.67 | Old location of U. S. Highway No. 260, bears NW. and SE.   |
| 120.00 | No trace of the cor. of secs. 11, 12, 13, and 14, set temporary point.<br>From this point a house bears N. $7^{\circ} 50'$ W., 5.30 chs. dist.   |

## Retracements in T. 15 N., R. 25 E.

|  |  |
|--|--|
| The E. bdy. was surveyed by O.D. Wheeler, Deputy Surveyor, in 1882. The N. and W. bdys. and subdivisional lines were surveyed by H. A. Coe, Deputy Surveyor, in 1882.<br>----- |  |
| From temporary point for the cor. of Tps. 14 and 15 N., Rs. 24 and 25 E.<br>N. $7^{\circ} 00'$ W., on a random line bet. secs. 31 and 36, along the W. bdy. of the Tp.         |  |
| 89.20  | The cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., as evidenced by a cedar post, 4 ins. square, $2\frac{1}{2}$ ft. above ground, mkd. with 5 notches on N. and 1 notch on S. edges, and XXX on NE. face, T XV N R XXV S XXXI on SE. face, S XXXVI on SW. face, and S XXV on NW. face, firmly set in a mound of stone.<br>----- |
| East, on a random line bet. secs. 30 and 31.   |  |
| 25.91  | A windmill bears N., 1.32 chs. dist.   |
| 87.40  | No trace of the cor. of secs. 29, 30, 31, and 32, set temporary point.<br>-----  |
| North, on a random line bet. secs. 29 and 30.  |  |
| 51.00  | U. S. Highway No. 260, bears N. $38^{\circ}$ W. and S. $38^{\circ}$ E.   |
| 81.58  | No trace of the cor. of secs. 19, 20, 29, and 30, set temporary point.<br>-----  |

## Retracements in T. 15 N., R. 25 E.

| Chains |  |
|--------|--|
|        | S. 89° 39' E., on a random line bet. secs. 20 and 29.  |
| 40.00  | No trace of $\frac{1}{4}$ sec. cor., set temp. point.<br>From this point a Coast and Geodetic Survey bench mark bears S. 26° 50' E., 15.25 chs. dist., a brass disk set in the top of a sandstone outcropping, mkd. S 35 1934.   |
| 80.00  | No trace of the cor. of secs. 20, 21, 28, and 29, set temporary point.<br>From this point a windmill bears S. 22 $\frac{3}{4}$ ° W., 10.94 chs. dist.<br>From the same point a cedar stake, (tied by Geological Survey but not a cor.), bears N. 2° E. 1.15 chs. dist. |
|        | -----  |
|        | North, on a random line bet. secs. 20 and 21.  |
| 80.00  | No trace of the cor. of secs. 16, 17, 20, and 21, set temporary point.   |
|        | -----  |
|        | East, on a random line bet. secs. 16 and 21.   |
| 80.00  | No trace of the cor. of secs. 15, 16, 21, and 22, set temporary point.   |
|        | -----  |
|        | From temporary point for cor. of secs. 20, 21, 28, and 29.   |
|        | S. 4° 13' W., on a random line bet. secs. 28 and 29.   |
| 83.40  | The cor. of secs. 28, 29, 32, and 33, as evidenced by a cedar post, 4 ins. square, 2 $\frac{1}{2}$ ft. above ground, mkd. with 4 notches on E. and 1 notch on S. edges, no other markings visible, firmly set in the ground.   |
|        | -----  |
|        | N. 85° 42' E., on a random line bet. secs. 28 and 33.  |
| 72.91  | A stone, 10x6x2 ins., mkd. with 1 dim groove on S. face, possibly the cor. of secs. 27, 28, 33, and 34.  |
|        | -----  |
|        | N. 86° 45' E., on a random line bet. secs. 27 and 34, and 26 and 35.   |
| 161.38 | A fence cor. from which fences extend S. and E.; probably used locally as the cor. of secs. 25, 26, 35, and 36.  |
|        | -----  |
|        | N. 89° 54' E., on a random line bet. secs. 25 and 36.  |
| 80.07  | A fence cor. from which fences extend N. and W., and an old fence line extends S.; probably used locally as the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp.  |
|        | -----  |
|        | S. 9° 13' W., on a random line bet. secs. 31 and 36, along the E. bdy. of the Tp.  |
| 85.05  | The temporary point for the cor. of Tps. 14 and 15 N., Rs. 25 and 26 E.  |

## Retracements in T. 15 N., R. 24 E.

## Chains

The S. and W. bdys. were surveyed by C. B. Foster, Deputy Surveyor, in 1875. The S. bdy. was resurveyed by O.D. Wheeler, Deputy Surveyor, and the W. bdy. by A.P. Johnson, Deputy Surveyor, in 1882. The N. bdy. and subdivisional lines were surveyed by H. A. Coe, Deputy Surveyor, in 1882. The W. and N. bdys. were retraced by S.E. Blout, Cadastral Engineer, in 1921, in connection with resurveys under Group No. 118.

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From the cor. of Tps. 14 and 15 N., Rs. 23 and 24 E., as evidenced by an iron post, 3 ins. diam. This cor. was reconstructed as described in the field notes of the survey of the bdys. of the Petrified Forest National Monument, under Group No. 118, in 1921.

N. 9° 03' W., on a random line bet. secs. 31 and 36, along the W. bdy. of the Tp.

84.48 No trace of the cor. of secs. 25, 30, 31, and 36, set temporary point.

-----

From the cor. of Tps. 14 and 15 N., Rs. 23 and 24 E.

S. 89° 49' E., on a random line describing the tangent along the S. bdy. of the Tp.

168.00 No trace of the cor. of secs. 4, 5, 32, and 33, set temporary point.

488.00 The temporary point for the cor. of Tps. 14 and 15 N., Rs. 24 and 25 E.

-----

From temporary point for the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp.

North; on a random line bet. secs. 32 and 33.

66.30 From this point a large, flowing, artesian well bears E., 30 lks. dist.

79.71 No trace of the cor. of secs. 28, 29, 32, and 33, set temporary point.

N., 5 lks. dist. from this point a fence bears E. and W.

-----

West, on a random line, bet. secs. 29 and 32.

82.15 No trace of the cor. of secs. 29, 30, 31, and 32, set temporary point.

From this point a fence cor. bears N. 21° W., 10 lks. dist., from which fences extend N. 21½° E., S. 21½° W., E., and W.

From the same point Paulsell's Ranch House bears N. 45° E., 27.86 chs. dist.

-----

## Retracements in T. 15 N., R. 24 E.

| Chains |   |
|--------|---|
|        | North, on a random line bet. secs. 29 and 30.   |
| 80.00  | No trace of the cor. of secs. 19, 20, 29, and 30, set temporary point.  |
|        | West, on a random line bet. secs. 19 and 30.  |
| 86.38  | No trace of the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp., set temporary point.   |
|        | From this point a fence cor. bears S. $65\frac{1}{2}^{\circ}$ W., 8.41 chs. dist., from which fences extend N. and E.   |
|        | From the same point a Geological Survey V.A.B.M., elev. 5313 ft., bears S. $33^{\circ} 39'$ E., 3.63 chs. dist., a painted cross on a sandstone outcropping on top of small knoll.  |
|        | N. $0^{\circ} 09'$ W., on a random line bet. secs. 19 and 24, 13 and 18, 7 and 12, and 1 and 6, along the W. bdy. of the Tp.  |
| 159.12 | From this point a fence cor. bears W., 2.14 chs. dist., from which fences extend N., S., and W.   |
| 324.28 | The cor. of Tps. 15 and 16 N., Rs. 23 and 24 E., as evidenced by an iron post, 3 ins. diam. This cor. was reconstructed as described in the field notes of the survey of the bdys. of the Petrified Forest National Monument, under Group No. 118, in 1921. |
|        | From cor. fences extend E. and W.   |
|        | N. $88^{\circ} 37'$ E., on true line bet. secs. 6 and 31, along the N. bdy. of the Tp.  |
|        | Over gently rolling land.   |
| 5.28   | Fence bears S. and N., 6 lks. dist. to E.-W. fence.   |
| 12.70  | Wash, 30 lks. wide, course S.   |
| 35.64  | The $\frac{1}{4}$ sec. cor. as evidenced by an iron post, 1 in. diam. This cor. was reconstructed as described in the field notes of the survey of the bdys. of the Petrified Forest National Monument, under Group No. 118, in 1921.                       |

## Retracements in T. 15 N., R. 23 E.

## Chains

The bdys. were surveyed by C. B. Foster, Deputy Surveyor, in 1875. In 1882 H. A. Coe, Deputy Surveyor, resurveyed the N. bdy., and A. P. Johnson, Deputy Surveyor, retraced the S. and W. bdys. and surveyed the subdivisional lines. The E. 3 miles of the N. bdy. were retraced by S. E. Blout, Cadastral Engineer, in 1921, in connection with resurveys under Group No. 118.

-----

From temporary point for the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp.

West, on a random line bet. secs. 25 and 36.

80.00 No trace of the cor. of secs. 25, 26, 35, and 36, set temporary point.

-----

North, on a random line bet. secs. 25 and 26, and 23 and 24.

166.02 No trace of the cor. of secs. 13, 14, 23, and 24, set temporary point.

-----

West, on a random line bet. secs. 14 and 23.

80.00 No trace of the cor. of secs. 14, 15, 22, and 23, set temporary point.

-----

North, on a random line bet. secs. 14 and 15.

80.00 No trace of the cor. of secs. 10, 11, 14, and 15, set temporary point.

-----

West, on a random line bet. secs. 10 and 15.

80.00 The cor. of secs. 9, 10, 15, and 16, as evidenced by a granite stone, 12x6x6 ins., mkd. with 4 notches on S. edge, set in a mound of stone.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, at cor. of secs. 9, 10, 15, and 16, with brass cap mkd.

|           |      |
|-----------|------|
| T15N R23E |      |
| S 9       | S 10 |
| S 16      | S 15 |
| 1944      |      |

raise a mound  
of stone, 2 ft. base, 1½ ft. high, W. of cor.

-----

N. 6° 03' E., on a random line bet. secs. 9 and 10.

69.66 No trace of the cor. of secs. 3, 4, 9, and 10, set temporary point.

-----

## Retracements in T. 15 N., R. 23 E.

BOOK 4382

## Chains

- N. 2° 50' E., on a random line bet. secs. 3 and 4.
- 0.56 Fence bears E. and W., 1.00 chs. dist. to fence cor., from which fences extend E. and NW.
- 84.07 The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp., as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the survey of the bdys. of the Petrified Forest National Monument, under Group 118, in 1921.
- 
- N. 88° 46' W., on true line bet. secs. 4 and 33, along the N. bdy. of the Tp.
- Over broken land.
- 16.60 Spur, slopes SW.
- 50.00 Point of spur, slopes S.
- 62.10 Rocky butte, 50 ft. high, on line.
- 82.73 The cor. of secs. 4, 5, 32, and 33, as evidenced by a conglomerate stone, 14x5x4 ins., faintly mkd. with 4 grooves on E. and 2 grooves on W. faces, in a small mound of stone.
- Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone, 3 ft. base, to top, at cor. of secs. 4, 5, 32, and 33, with brass cap mkd.
- |      |      |
|------|------|
| T16N | R23E |
| S 32 | S 33 |
| S 5  | S 4  |
| T15N |      |
| 1944 |      |
- From cor. a Geological Survey V.A.B.M., elev. 5300 ft., bears S. 50° 52' W., 13.29 chs. dist.
- 
- S. 89° 39' W., on true line bet. secs. 5 and 32, and 6 and 31, along the N. bdy. of the Tp.
- Over broken land.
- 6.20 Spur, slopes S.
- 8.60 Gulch, near head, course S.
- 10.20 Spur, slopes S. 20° W.
- 14.45 From this point a fence cor. bears S., 10 lks. dist. from which fences extend W. and SE.
- 23.60 From this point a fence cor. bears S., 15 lks. dist. from which fences extend N., E., and W.
- 26.50 Top of low hill, spur slopes S. from hill.
- 39.30 Unimproved road, bears N. and S.; over gently rolling land.

## Retracements in T. 15 N., R. 23 E.

| Chains |   |      |  |      |      |      |      |     |     |      |  |      |  |
|--------|---|------|--|------|------|------|------|-----|-----|------|--|------|--|
| 172.42 | <p>The cor. of Tps. 15 and 16 N., Rs. 22 and 23 E., as evidenced by a sandstone, 30x10x5 ins., mkd. with 6 notches on each of the N., S., E., and W. edges, in a small mound of stone.</p> <p>Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at cor. of Tps. 15 and 16 N., Rs. 22 and 23 E., with brass cap mkd.</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td colspan="2">T16N</td></tr> <tr><td>R22E</td><td>R23E</td></tr> <tr><td>S 36</td><td>S 31</td></tr> <tr><td>S 1</td><td>S 6</td></tr> <tr><td colspan="2">T15N</td></tr> <tr><td colspan="2">1944</td></tr> </table> <p>-----</p> </div> | T16N |  | R22E | R23E | S 36 | S 31 | S 1 | S 6 | T15N |  | 1944 |  |
| T16N   |   |      |  |      |      |      |      |     |     |      |  |      |  |
| R22E   | R23E  |      |  |      |      |      |      |     |     |      |  |      |  |
| S 36   | S 31  |      |  |      |      |      |      |     |     |      |  |      |  |
| S 1    | S 6   |      |  |      |      |      |      |     |     |      |  |      |  |
| T15N   |   |      |  |      |      |      |      |     |     |      |  |      |  |
| 1944   |   |      |  |      |      |      |      |     |     |      |  |      |  |
|        | <p>S. 0° 31' E., on true line bet. secs. 1 and 6, along the W. bdy. of the Tp.</p> <p>Over rolling land.</p>  |      |  |      |      |      |      |     |     |      |  |      |  |
| 10.20  | Wash, 15 lks. wide, course SE.  |      |  |      |      |      |      |     |     |      |  |      |  |
| 40.05  | <p>The <math>\frac{1}{4}</math> sec. cor. as evidenced by a <math>\frac{1}{4}</math> chiseled on the W. end of a sandstone boulder in place, 15x10x4 ft. above ground.</p> <p>I raise a mound of stone, 2<math>\frac{1}{2}</math> ft. base, 1<math>\frac{1}{2}</math> ft. high, on top of boulder and E. of <math>\frac{1}{4}</math>.</p> <p>S. 0° 31' W., on a random line bet. secs. 1 and 6, along the W. bdy. of the Tp.</p>  |      |  |      |      |      |      |     |     |      |  |      |  |
| 40.00  | <p>No trace of the cor. of secs. 1, 6, 7, and 12, set temporary point.</p> <p>-----</p>   |      |  |      |      |      |      |     |     |      |  |      |  |
|        | <p>South, on a random line bet. secs. 7 and 12, along the W. bdy. of the Tp.</p>  |      |  |      |      |      |      |     |     |      |  |      |  |
| 29.00  | <p>From this point an old adobe house bears W., about 9 chs. dist.</p>  |      |  |      |      |      |      |     |     |      |  |      |  |
| 44.78  | <p>From this point a sandstone, 12x5 ins., 8 ins. above ground, bears W., 7 lks. dist.; mkd. VII on E., XII and <math>\frac{1}{4}</math> on W., and WC on S. faces. This stone was evidently set by a local surveyor and is not the <math>\frac{1}{4}</math> sec. cor.</p>  |      |  |      |      |      |      |     |     |      |  |      |  |
| 80.00  | <p>No trace of the cor. of secs. 7, 12, 13, and 18, set temporary point.</p> <p>-----</p>   |      |  |      |      |      |      |     |     |      |  |      |  |
|        | <p>From temporary point for the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp.</p>  |      |  |      |      |      |      |     |     |      |  |      |  |
|        | <p>S. 87° 00' E., on a random line bet. secs. 6 and 7.</p>  |      |  |      |      |      |      |     |     |      |  |      |  |
| 91.45  | <p>The cor. of secs. 5, 6, 7, and 8, as evidenced by a sandstone, 14x10x3 ins., dimly mkd. with 5 notches on S., and 1 notch on E. edges.</p>   |      |  |      |      |      |      |     |     |      |  |      |  |

## Retracements in T. 15 N., R. 23 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone, 3 ft. base, to top, at cor. of secs. 5, 6, 7, and 8, with brass cap mkd.

T15N R23E  
 S 6 | S 5  
 S 7 | S 8  
 1944

From cor. a sandstone, 20x6x2 ins.; lying E. of a mound of stone, mkd. with 5 notches on 2 edges and WC on one face, bears N. 16° 15' E., 7.40 chs. dist. This stone was evidently set by a local surveyor and has no relation to the cor. of secs. 5, 6, 7, and 8.

From cor. a sandstone, 24x8x6 ins. above ground, bears N. 70° 04' E., 26.32 chs. dist., mkd. V on one face; WC on one face, and VIII on another. This stone was evidently set by a local surveyor and is not a sec. or  $\frac{1}{4}$  sec. cor.

-----  
 N. 88° 56' E., on true line bet. secs. 5 and 8.

Over nearly level land.

- 2.70 Wash, 10 lks. wide, course S. 20° W., about 10 chs. dist. to the Little Colorado River.
- 35.00 Right bank of the Little Colorado River, 15 ft. high, course S. 70° W., river is dry at this point.
- 39.70 Left bank of Little Colorado River, 5 ft. high, course S. 30° W.
- 61.00 Fence, bears E., and S. 70° W.
- 79.87 The cor. of secs. 4, 5, 8, and 9, as evidenced by a sandstone, 18x10x2 ins., mkd, with 5 notches on S. and 4 notches on E. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at cor. of secs. 4, 5, 8, and 9, with brass cap mkd.

T15N R23E  
 S 5 | S 4  
 S 8 | S 9  
 1944

-----  
 S. 88° 55' E., on a random line bet. secs. 4 and 9.

- 80.01 The temporary point for the cor. of secs. 3, 4, 9, and 10.
- From this point a concrete post with an iron rod in the center, bears S. 58° 17' W., 17.81 chs. dist.



ECCCK 4332

## Retracements in T. 15 N., R. 22 E.

## Chains

The bdays. were surveyed by C. B. Foster, Deputy Surveyor, in 1875. The S. bdy. was resurveyed by A.P. Johnson, Deputy Surveyor, in 1882. The N. and W. bdays. were resurveyed and the subdivisional lines surveyed by H. Meyrick, Deputy Surveyor, in 1883.

-----  
From the cor. of Tps. 15 and 16 N., Rs. 22 and 23 E. S. 89° 18' W., on true line bet. secs. 1 and 36, and 2 and 35.

Over rolling hills.

- 6.00 Wash, 15 lks. wide, course S. 20° E.  
32.50 Descend 100 ft. over a rocky W. slope.  
43.10 Base of hills, bears N. and S., over nearly level land.  
94.80 Little Colorado River, dry, channel 50 lks. wide, course N.  
96.00 Fence, bears N. and S.  
100.10 Dim road, bears NE. and SW.  
103.20 Fence bears NE. and SW. about 5 chs. dist., thence S.  
147.10 Fence bears NW. and SE.  
149.30 Old road, bears NW. and SE.  
161.28 The cor. of secs. 2, 3, 34, and 35, as evidenced by a sandstone, 13x7x3 ins. above ground, mkd. with 4 grooves on W. face, E. face of stone worn away.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

|      |      |
|------|------|
| T16N | R22E |
| S 34 | S 35 |
| S 3  | S 2  |
| T15N |      |
| 1944 |      |

From cor. a sandstone, 16x12x3 ins., mkd. WC on N. face, bears S. 18° 06' W., 15.14 chs. dist. This stone was evidently set by a local surveyor and is not a corner of record.

-----  
S. 89° 16' W., on true line bet. secs. 3 and 34, and 4 and 33, along the N. bdy. of the Tp.

Over nearly level land.

- 52.70 Wash, 10 lks. wide, course N.  
59.90 Wash, 10 lks. wide, course N. 20° E.  
66.50 Wash, 10 lks. wide, course NE.

## Retracements in T. 15 N., R. 22 E.

## Chains

- 79.53 From this point a sandstone, 14x10x4 ins., lying on ground, mkd. with 3 notches on one edge, WC on one face, and 6 notches on one edge, bears S., 1.30 chs. dist. This stone was evidently set by a local surveyor and is not the cor. of secs. 3, 4, 33, and 34.
- 94.60 Old road, bears NE. and SW.
- 108.00 Old road, bears NE. and SW.
- 117.00 Low sag, bears N. and S..
- 156.00 Old road, bears NW. and SE.
- 161.78 The cor. of secs. 4, 5, 32, and 33, as evidenced by a sandstone, 16x6x4 ins. above ground, mkd. with 2 grooves on W. and 4 grooves on E. faces.

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

|           |      |
|-----------|------|
| T16N·R22E |      |
| S 32      | S 33 |
| S 5       | S 4  |
| T15N      |      |
| 1944      |      |

From cor. a sandstone, 8x8x3 ins. above ground, mkd. WC on E.,  $\frac{1}{4}$  V on S., and XXXII on N. faces, bears S. 87° 00' W., 9.87 chs. dist. This stone was evidently set by a local surveyor and is not a  $\frac{1}{4}$  sec. cor..

-----  
S. 89° 19' W., on true line bet. secs. 5 and 32, along the N. bdy. of the Tp.

Over rolling land.

- 2.20 Graded road, bears N. to Woodruff and S. to Snowflake.
- 22.00 Top of E. bank of Silver Creek, 50 ft. high, course N. 30° W.
- 24.30 Top of W. bank of Silver Creek, 50 ft. high, water in creek, 30 lks. wide, course N. 30° W.; a dam across the creek is downstream about 30 chs. dist.
- 39.96 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 14x8x6 ins. above ground, mkd.  $\frac{1}{4}$  on N. face, in a mound of stone.
- 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, 4 ft. base, to top, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 32 |
|               | S 5  |
|               | 1944 |

From cor. a sandstone, 14x8x8 ins. above ground, mkd. WC on E.,  $\frac{1}{4}$  on W., XXXII on N., and V on S. faces, bears S. 88° 56' E., 9.58 chs. dist. This stone was evidently set by a local surveyor and is not a  $\frac{1}{4}$  sec. cor.

## Retracements in T. 15 N., R. 22 E.

## Chains

S. 89° 39' W., on true line bet. secs. 5 and 32, along the N. bdy. of the Tp.

Over rolling land.

6.60 Wash, near head, 20 lks. wide, course NE.

40.66 The cor. of secs. 5, 6, 31, and 32, as evidenced by a sandstone, 22x10x2 ins. above ground, mkd. with 5 grooves on E. and 1 groove on W. faces.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at cor. of secs. 5, 6, 31, and 32, with brass cap mkd.

|      |      |
|------|------|
| T16N | R22E |
| S 31 | S 32 |
| S 6  | S 5  |
| T15N |      |
| 1944 |      |

From cor. a sandstone, 12x8x6 ins. above ground, mkd. WC  $\frac{1}{4}$  on S., XXXI on W., and XXXII on E. faces, bears N. 9° 04' W., 5.07 chs. dist. This stone was evidently set by a local surveyor and is not a  $\frac{1}{4}$  sec. cor.

-----  
S. 89° 18' W., on a random line bet. secs. 6 and 31, along the N. bdy. of the Tp.

79.50 A small mound of stone. This mound of stone is possibly the cor. of Tps. 15 and 16 N., Rs. 21 and 22 E., but was not positively identified.

From mound of stone a Geological Survey V.A.B.M., elev. 5285 ft., bears N. 40° 35' E., 18.99 chs. dist.; a painted cross on a sandstone outcropping, on N. side of a wash.

-----  
From the cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp.

S. 2° 19' E., on true line bet. secs. 4 and 5.

Over nearly level land.

12.20 Road, bears N. 20° W. to Woodruff and S. 20° E. to Snowflake.

40.07 The  $\frac{1}{4}$  sec. cor., as evidenced by a sandstone, 32x8x3 ins. above ground, mkd.  $\frac{1}{4}$  on W. face, in a mound of stone.

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, 6 ft. base to top, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

|      |               |     |
|------|---------------|-----|
|      | $\frac{1}{4}$ |     |
| S 5  |               | S 4 |
| 1944 |               |     |

## Retracements in T. 15 N., R. 22 E.

BOOK 2782

## Chains

- S.  $0^{\circ} 30'$  W., on a random line bet. secs. 4 and 5, and 8 and 9.
- 86.00 The  $\frac{1}{4}$  sec. cor. of secs. 8 and 9, as evidenced by a sandstone, 18x16x4 ins., mkd.  $\frac{1}{4}$  on W. face.
- Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.
- $\frac{1}{4}$   
 S 8 | S 9  
 1944
- S.  $1^{\circ} 13'$  E., on true line bet. secs. 8 and 9.
- 11.70 Old road, bears E. and W.
- 40.58 The cor. of secs. 8, 9, 16, and 17, as evidenced by a sandstone, 28x14x5 ins., mkd. with 4 grooves on each of the S. and E. faces.
- 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, 6 ft. base to top, at cor. of secs. 8, 9, 16, and 17, with brass cap mkd.
- T15N R22E  
 S 8 | S 9  
 S 17 | S 16  
 1944
- From cor. a sandstone, 6x4x3 ins. above ground, mkd. XVII on S., VIII on N., WC on E., and  $\frac{1}{4}$  on W. faces, bears N.  $85^{\circ} 38'$  E., 10.91 chs. dist. This stone was evidently set by a local surveyor and is not a  $\frac{1}{4}$  sec. cor.
- 
- S.  $1^{\circ} 43'$  E., on true line bet. secs. 16 and 17.
- Over gently rolling land.
- 28.90 Old road, bears N.  $60^{\circ}$  W., and S.  $60^{\circ}$  E.
- 54.50 Graded road, bears N.  $15^{\circ}$  E. to Woodruff, and S.  $15^{\circ}$  W. to Snowflake.
- 59.30 Fence, bears N.  $15^{\circ}$  E. and S.  $15^{\circ}$  W.
- 81.38 The cor. of secs. 16, 17, 20, and 21, as evidenced by a sandstone, 6x5x4 ins., mkd. with 4 grooves on E. and 3 grooves on S. faces, set 3 ins. in the ground.
- Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at cor. of secs. 16, 17, 20, and 21, with brass cap mkd.
- T15N R22E  
 S 17 | S 16  
 S 20 | S 21  
 1944
-

## Retracements in T. 15 N., R. 22 E.

|        |  |
|--------|--|
| Chains | S. 1° 40' E., on true line bet. secs. 20 and 21.<br>Over gently rolling land.  |
| 1.70   | Fence, bears E. and W.   |
| 5.00   | Unimproved road, bears E. and W.   |
| 40.51  | The $\frac{1}{4}$ sec. cor. as evidenced by a sandstone, 20x14x2 ins., mkd. $\frac{1}{4}$ on W. face.<br><br>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at $\frac{1}{4}$ sec. cor., with brass cap mkd.   |
|        | $\begin{array}{c} \frac{1}{4} \\   \\ \text{S } 20 \mid \text{S } 21 \\   \\ 1944 \end{array}$   |
|        | S. 1° 31' E., on true line bet. secs. 20 and 21.<br>Over nearly level land.  |
| 40.44  | The cor. of secs. 20, 21, 28, and 29, as evidenced by a sandstone, 20x14x2 ins., faintly mkd. with 2 notches on S. edge, other notches worn away.<br><br>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at cor. of secs. 20, 21, 28, and 29, with brass cap mkd. |
|        | $\begin{array}{c} \text{T15N R22E} \\ \text{S } 20 \mid \text{S } 21 \\ \hline \text{S } 29 \mid \text{S } 28 \\ 1944 \end{array}$   |
|        | -----<br>West, on a random line bet. secs. 20 and 29.  |
| 80.00  | No trace of the cor. of secs. 19, 20, 29, and 30, set temporary point.<br><br>From this point a mound of stone on the N. bank of Silver Creek, bears S. 30° 12' W., 88.68 chs. dist. (Tied by Geological Survey).<br><br>-----   |
|        | From the cor. of secs. 8, 9, 16, and 17.<br>N. 89° 37' W., on true line bet. secs. 8 and 17.<br>Over gently rolling land.  |
| 14.60  | Old road, bears N. 20° E. and S. 20° W.  |
| 20.00  | Right bank of Silver Creek, 50 ft. high, course N.   |
| 22.60  | Left bank of Silver Creek, 50 ft. high, course N., stream 20 lks. wide in creek.   |
| 36.13  | The $\frac{1}{4}$ sec. cor. as evidenced by a sandstone, 14x10x2 ins., mkd. $\frac{1}{4}$ on N. face, alongside of which is a sandstone, 18x10x3 ins., mkd. WC VIII on N., and XVII on S. faces.   |

## Retracements in T. 15 N., R. 22 E.

BOOK 4382

## Chains

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

$$\frac{1}{4} \frac{S \ 8}{S \ 17}$$

1944

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

S. 88° 22' W., on true line bet. secs. 8 and 17.

Over gently rolling land.

25.26 From this point a mound of stone, 5 ft. base, 3 ft. high, bears S., 57 lks. dist. (Tied by Geological Survey).

41.91 The cor. of secs. 7, 8, 17, and 18, as evidenced by a sandstone, 16x10x2 ins., mkd. with 4 grooves on S. face, other grooves worn away.

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

|           |      |
|-----------|------|
| T15N R22E |      |
| S 7       | S 8  |
| S 18      | S 17 |
| 1944      |      |

-----  
South, on a random line bet. secs. 17 and 18.

80.00 No trace of the cor. of secs. 17, 18, 19, and 20, set temporary point.

-----  
S. 89° 46' E., on a random line bet. secs. 17 and 20.

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

-----  
From temporary point for the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp.

West, on a random line describing the tangent bet. secs. 1 and 12, and 2 and 11.

80.00 No trace of the cor. of secs. 1, 2, 11, and 12, set temporary point.

120.00 No trace of the  $\frac{1}{4}$  sec. cor. of secs. 2 and 11, set temporary point.

-----  
From this point a sandstone, 20x14x8 ins. above ground, mkd. WC on N. face, bears S. 58° 45' E., 32.46 chs. dist. This stone was evidently set by a local surveyor and is not a sec. or  $\frac{1}{4}$  sec. cor.

## Retracements in T. 15 N., R. 22 E.

## Chains

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

S. 1° 16' E., on a random line bet. secs. 11 and 12.

83.60

The cor. of secs. 11, 12, 13, and 14, as evidenced by a sandstone, 16x13x3 ins., faintly mkd. with 4 grooves on S. face, other markings worn away, set in a mound of stone.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, at cor. of secs. 11, 12, 13, and 14, with brass cap mkd.

|           |      |
|-----------|------|
| T15N R22E |      |
| S 11      | S 12 |
| <hr/>     |      |
| S 14      | S 13 |

1944

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

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Retracement of a Portion of the 4th Stan. Par. N.,  
Thru R. 22 E.

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The 4th Stan. Par. N., thru R. 22 E. was surveyed by J.L. Harris, Deputy Surveyor, in 1879, and resurveyed by H. A. Coe, Deputy Surveyor, in 1882. The E. 2 miles were retraced by Sidney E. Plout, Cadastral Engineer, in 1920, in connection with resurveys under Group No. 92.

-----

The stan. cor. of Tps. 17 N., Rs. 21 and 22 E. is evidenced by the center of mound of stone, 3 ft. base, 1 ft. high.

Set an iron post, 3 ft. long, 3 ins. diam., on a cross (+) chiseled on bedrock, and in a mound of stone, 6 ft. base, to top, at stan. cor. of Tps. 17 N., Rs. 21 and 22 E., with brass cap mkd.

|       |      |
|-------|------|
| S C   |      |
| T17N  |      |
| R21E  | R22E |
| <hr/> |      |
| S 36  | S 31 |

1944

N. 89° 47' E., on true line, along the S. bdy. of sec. 31, T. 17 N., R. 22 E.

Over gently rolling land.

38.12

The closing cor. of secs. 5 and 6, T. 16 N., R. 22 E., as evidenced by a sandstone, 18x10x2 ins. above ground, mkd. with 5 notches on E. and 1 notch on W. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at closing cor. of secs. 5 and 6, T. 16 N., R. 22 E., with brass cap mkd.

|           |     |
|-----------|-----|
| T17N R22E |     |
| S 31      |     |
| <hr/>     |     |
| S 6       | S 5 |
| T16N R22E |     |
| C C       |     |

1944

Retracement of a Portion of the 4th Stan. Par. N.,  
Thru R. 22 E.

## Chains

45.30 Graded road, bears N. 20° W. to U.S. Highway No. 260 and S. 20° E. to Woodruff.

80.61 The stan. cor. of secs. 31 and 32, as evidenced by a sandstone, 14x10x2 ins. above ground, mkd. with 1 notch on W. and 5 notches on E. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at stan. cor. of secs. 31 and 32, with brass cap mkd.

S C  
T17N R22E  
S 31|S 32

1944

Retracement of a Portion of the 4th Stan. Par. N.,  
Thru R. 21 E.

The 4th Stan. Par. N., thru R. 21 E., was surveyed by J. L. Harris, Deputy Surveyor, in 1879.

From the stan. cor. of Tps. 17 N., Rs. 21 and 22 E.

S. 89° 41' W., on a random line, along the S. bdy. of sec. 36, T. 17 N., R. 21 E.

48.81 No trace of the closing cor. of Tps. 16 N., Rs. 21 and 22 E., set temporary point.

80.71 No trace of the stan. cor. of secs. 35 and 36, set temporary point.

West, on a random line describing the tangent, along the S. bdys. of secs. 34 and 35, T. 17 N., R. 21 E.

160.00 No trace of the stan. cor. of secs. 33 and 34, set temporary point.

Retracements in T. 16 N., R. 22 E.

The west bdy. was surveyed by C. R. Foster, Deputy Surveyor, in 1875, and resurveyed by H. Meyrick, Deputy Surveyor, in 1883. Most of the subdivisional lines were surveyed by J. L. Harris, Deputy Surveyor, in 1879. In 1921 Sidney E. Blout, Cadastral Engineer, completed the survey of the subdivisional lines, (secs. 12, 13, and 24), and resurveyed the surveyed lines adjacent to these sections, under group No. 92.

From mound stone, possibly the cor. of Tps. 15 and 16 N., Rs. 21 and 22 E.



## Retracements in T. 16 N., R. 22 E.

## Chains

North, on a random line bet. secs. 31 and 36, along the W. bdy. of the Tp.

80.00 No trace of the cor. of secs. 25, 30, 31, and 36, set temporary point.

-----  
North, on a random line bet. secs. 25 and 30, along the W. bdy. of the Tp.

79.57 No trace of the cor. of secs. 19, 24, 25, and 30, set temporary point.

From this point a concrete cylinder, 8 ins. diam., flush with the surface of the ground, with an iron rod,  $\frac{3}{16}$  in. diam in center, bears N.  $43^{\circ} 08'$  E., 4.00 chs. dist.

-----  
N.  $5^{\circ} 17'$  W., on a random line bet. secs. 19 and 24, along the W. bdy. of the Tp.

42.95 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 13x7x3 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with the original stone buried alongside, and a glass bottle deposited at base, and in a mound of stone, 3 ft. base, to top, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
 S 24 | S 19  
 1944

N.  $1^{\circ} 24'$  W., on true line bet. secs. 19 and 24, along the W. bdy. of the Tp.

15.50 Wash, 10 lks. wide, course N.  $60^{\circ}$  E.

40.55 The cor. of secs. 13, 18, 19, and 24, as evidenced by a sandstone, 10x5x5 ins. above ground, markings worn away.

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

T16N  
 R21E | R22E  
 S 13 | S 18  
 S 24 | S 19  
 1944

From cor. fences extend N. & S.

-----  
N.  $0^{\circ} 59'$  W., on true line bet. secs. 13 and 18, along the W. bdy. of the Tp.

Over rolling land, along fence.

12.00 Spur, slopes E.

28.50 Spur, slopes E.

## Retracements in T. 16 N., R. 22 E.

## Chains

- 40.56 The  $\frac{1}{4}$  sec. cor. as evidenced by a piece of petrified wood, 6x6x7 ins. above ground, mkd.  $\frac{1}{4}$  on W. face.
- Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

|      |      |      |
|------|------|------|
|      | ↑    |      |
| S 13 |      | S 18 |
|      | 1944 |      |

N. 1° 05' W., on true line bet. secs. 13 and 18, along the W. bdy. of the Tp.

Over nearly level land, along fence.

- 15.32 Graded road, bears E. to Woodruff and W. to State Highway No. 77.
- 15.52 Fence extends E., from N.-S. fence.
- 23.60 One wire telephone line, bears NW. and SE.
- 40.55 The cor. of secs. 7, 12, 13, and 18, as evidenced by a sandstone, 15x12x3 ins. above ground, mkd. with 4 notches on S. and 2 notches on N. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at cor. of secs. 7, 12, 13, and 18, with brass cap mkd.

|      |      |      |
|------|------|------|
|      | T16N |      |
| R21E |      | R22E |
| S 12 |      | S 7  |
| S 13 |      | S 18 |
|      | 1944 |      |

From cor. a N.-S. fence bears W., about 40 lks. dist.

-----

N. 0° 53' W., on true line bet. secs. 7 and 12, along the W. bdy. of the Tp.

Over gently rolling land.

- 16.70 Unimproved road, bears E. and W.
- 61.00 Fence, bears E. and W. about 100 lks. dist. to fence cor. from which fences extend S., E., and NW.
- 81.16 The cor. of secs. 1, 6, 7, and 12, as evidenced by the center of a mound of stone, 3 ft. base, 1 ft. high, fragments of old wooden cor. post in mound.
- Set an iron post, 3 ft. long, 2 ins. diam., on a cross (+) on bedrock, and in a mound of stone, 6 ft. base, to top, at cor. of secs. 1, 6, 7, and 12, with brass cap mkd.

|      |      |      |
|------|------|------|
|      | T16N |      |
| R21E |      | R22E |
| S 1  |      | S 6  |
| S 12 |      | S 7  |
|      | 1944 |      |

-----

## Retracements in T. 16 N., R. 22 E.

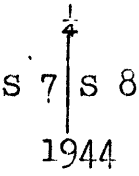
| Chains |   |
|--------|---|
|        | <p>N. 1° 58' W., on true line bet. secs. 1 and 6, along the W. bdy. of the Tp.</p> <p>Over broken land.</p>   |
| 10.70  | Top of rocky knoll, slopes NE. and SW.  |
| 29.80  | Wash, 30 lks. wide, cut banks 75 ft. high, course NW. from SW.  |
| 41.03  | <p>The <math>\frac{1}{4}</math> sec. cor. as evidenced by a sandstone, 12x8x3 ins., above ground, mkd. <math>\frac{1}{4}</math> on W. face.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at <math>\frac{1}{4}</math> sec. cor., with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S. 1   S. 6 \\ 1944 \end{array}</math> </div>   |
| 39.05  | <p>North, on a random line bet. secs. 1 and 6.</p> <p>The temporary point for the closing cor. of Tps. 16 N., Rs. 21 and 22 E., on the 4th stan. par. N.</p> <p style="text-align: center;">-----</p> <p>From temporary point for the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp.</p> <p>N. 88° 24' E., on a random line bet. secs. 30 and 31.</p>  |
| 78.90  | <p>The cor. of secs. 29, 30, 31, and 32, as evidenced by a cedar post, 3 ins. square, 2<math>\frac{1}{2}</math> ft. above ground, mkd. XIX on NE., XXXI on SW., RXXII XXXII on SE., and XXX on NW. faces.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original cedar post buried alongside, and a glass bottle deposited at the base, at cor. of secs. 29, 30, 31, and 32, with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} T16N R22E \\ S. 30   S. 29 \\ \hline S. 31   S. 32 \\ 1944 \end{array}</math> </div> <p>From cor. a mound of stone bears N. 6° 09' E., 4.32 chs. dist. (Tied by Geological Survey).</p> <p>From above mound of stone another mound of stone bears N. 68° 09' E., 4.19 chs. dist. (Tied by Geological Survey).</p> <p style="text-align: center;">-----</p> <p>S. 0° 25' E., on true line bet. secs. 31 and 32.</p> <p>Over rolling land, thru scattering juniper timber.</p> |
| 6.50   | Wash, 10 lks. wide, course E.   |
| 52.20  | Spur, slopes E., leave scattering timber.   |
| 79.90  | Wash, 10 lks. wide, course E.   |

## Retracements in T. 16 N., R. 22 E.

## Chains

- 81.46 The cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp.  
-----
- From the closing cor. of secs. 5 and 6, on the N. bdy. of the Tp., and on the 4th stan. par. N.  
S. 0° 07' E., on true line bet. secs. 5 and 6.  
Over gently rolling land.
- 35.00 Low spur, slopes W.
- 40.42 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 27x10x2 ins. above ground, mkd.  $\frac{1}{4}$  on W. face.  
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.  
$$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ S\ 6\ | \ S\ 5 \\ \downarrow \\ 1944 \end{array}$$
- S. 6° 20' W., on true line between secs. 5 and 6.  
Over rolling land.
- 41.42 The cor. of secs. 5, 6, 7, and 8, as evidenced by a sandstone, 20x6x3 ins., mkd. with 5 grooves on each of the S. and E. faces, set in a mound of stone.  
Set an iron post, 3 ft. long, 2 ins. diam., on a cross (+) on sandstone outcropping, and in a mound of stone, 5 ft. base, to top, with the original stone buried in the mound, at cor. of secs. 5, 6, 7, and 8, with brass cap mkd.  
$$\begin{array}{c} T16N\ R22E \\ S\ 6\ | \ S\ 5 \\ \hline S\ 7\ | \ S\ 8 \\ 1944 \end{array}$$
  
-----
- S. 0° 33' E., on true line bet. secs. 7 and 8.  
Over broken land.
- 2.80 Fence, bears E. and W.
- 4.30 Wash, 50 lks. wide, cut banks 25 ft. high, course W.
- 12.60 Fence bears E. and W.
- 25.90 Spur, slopes NW., a round knoll bears SE., 25 lks. dist.
- 30.50 Top of rocky bluff, bears SE. and N. 20° W.
- 34.00 Fence, bears E. and W.
- 36.50 Wash, 15 lks. wide, cut banks 15 ft. high, course W.
- 39.97 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 20x10x3 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

## Retracements in T. 16 N., R. 22 E.

| Chains |   |
|--------|---|
|        | <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, at <math>\frac{1}{4}</math> sec. cor., with brass cap mkd.</p> <div style="text-align: center;">  </div> <p style="text-align: right;">raise a mound<br/>of stone, <math>2\frac{1}{2}</math> ft. base, 2 ft. high, W. of cor.</p> <p>From cor. a Geological Survey P.T.B.M., elev. 5136.5 ft., bears S. <math>58^{\circ} 12'</math> W., 16.47 chs. dist.; a painted square on concrete base of SW. abutment of a bridge over the Little Colorado River.</p> <p>S. <math>0^{\circ} 07'</math> W., on a random line bet. secs. 7 and 8.</p> |
| 40.00  | <p>No trace of the cor. of secs. 7, 8, 17, and 18, set temporary point.</p> <p style="text-align: center;">-----</p> <p>S. <math>0^{\circ} 07'</math> W., on a random line bet. secs. 17 and 18, and 19 and 20.</p>   |
| 40.60  | Graded road, bears NE. and SW. about 5 chs. dist. to fork.  |
| 46.50  | Graded road, bears S. $70^{\circ}$ E. and N. $70^{\circ}$ W. about 5 chs. dist. to fork with above road.  |
| 160.00 | <p>No trace of the cor. of secs. 19, 20, 29, and 30, set temporary point.</p> <p>From this point a sandstone, 16x3 ins., 12 ins. above ground, mkd. with 5 notches on E. and 2 notches on S. edges, and WC on E. face, bears S. <math>88^{\circ} 51'</math> W., 13.54 chs. dist. This stone was evidently set by a local surveyor and is not the cor. of secs. 19, 20, 29, and 30.</p> <p style="text-align: center;">-----</p> <p>S. <math>86^{\circ} 23'</math> W., on a random line bet. secs. 19 and 30.</p>  |
| 73.99  | <p>The temporary point for the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp.</p> <p style="text-align: center;">-----</p> <p>From temporary point for the cor. of secs. 7, 8, 17, and 18.</p> <p>N. <math>89^{\circ} 34'</math> E., on a random line bet. secs. 8 and 17:</p>   |
| 36.10  | A frame house bears N., about 5 chs. dist.  |
| 40.75  | Graded road, bears N. and S.  |
| 80.41  | <p>A fence cor. from which fences extend N., E., and W. This fence cor. is evidently used locally as the cor. of secs. 8, 9, 16, and 17.</p> <p style="text-align: center;">-----</p>   |

## Retracements in T. 16 N., R. 22 E.

## Chains

N. 0° 15' W., on a random line bet. secs. 8 and 9.

Along fence line.

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

81.35 A fence cor. from which fences extend S. and E. This fence cor. is evidently used locally as the cor. of secs. 4, 5, 8, and 9.

## Retracements in T. 16 N., R. 21 E.

The subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1883.

-----  
From the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp.

West, on a random line bet. secs. 12 and 13.

80.00 No trace of the cor. of secs. 11, 12, 13, and 14, set temporary point.

-----  
N. 0° 20' E., on a random line bet. secs. 11 and 12:

40.88 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 16x8x2 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

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

$\frac{1}{4}$   
 S 11 | S 12  
 1944

From cor. a Geological Survey P.T.B.M., elev. 5256 ft., bears S. 64° 51' E., 6.16 chs. dist.; a painted square on top of a sandstone boulder. I chisel BM on NE. face of boulder and build a small mound of stone on top of same.

## Retracements in T. 17 N., R. 21 E.

## Chains

The bdy. and subdivisional lines were surveyed by J. L. Harris, Deputy Surveyor, in 1879. The N. bdy. was resurveyed by H. Meyrick, Deputy Surveyor, in 1882, and the E. bdy. was retraced by H. A. Coe, Deputy Surveyor, in 1883.

The cor. of Tps. 17 and 18 N., Rs. 20 and 21 E., is an iron pipe, 2 ins. diam., 1 ft. above ground, in a small mound of stone. This pipe was evidently set to mark the position of the original post.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the iron pipe buried alongside, at cor. of Tps. 17 and 18 N., Rs. 20 and 21 E., with brass cap mkd.

|      |      |
|------|------|
| T18N |      |
| R20E | R21E |
| S 36 | S 31 |
| S 1  | S 6  |
| T17N |      |
| 1944 |      |

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

N. 89° 56' E., on a random line bet. secs. 6 and 31, along the N. bdy. of the Tp.

26.55 U. S. Highway No. 66, bears N. and S., in northern part of Holbrook.

40.75 An iron pipe, 2 ins. diam., 4 ins. above ground. This pipe is evidently considered locally to be the ¼ sec. cor. of secs. 6 and 31.

N. 89° 31' E., on a random line bet. secs. 6 and 31, and 5 and 32, along the N. bdy. of the Tp.

119.15 A fence cor. from which fences extend N., S., and W. This fence corner is evidently used locally as the cor. of secs. 4, 5, 32, and 33.

N. 88° 41' E., on a random line bet. secs. 4 and 33, along the N. bdy. of the Tp.

40.20 The ¼ sec. cor. as evidenced by a sandstone, 10x10x4 ins., mkd. ¼ on N. face, set in a mound of stone.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone, 4 ft. base, to top, at ¼ sec. cor., with brass cap mkd.

|   |      |
|---|------|
| ¼ | S 33 |
|   | S 4  |
|   | 1944 |

S. 89° 56' E., on true line bet. secs. 4 and 33, along the N. bdy. of the Tp.

Over rolling land.

## Retracements in T. 17 N., R. 21 E.

| Chains    |   |           |  |      |      |     |     |      |  |      |  |
|-----------|---|-----------|--|------|------|-----|-----|------|--|------|--|
| 39.49     | <p>The cor. of secs. 3, 4, 33, and 34, as evidenced by a sandstone, 20x14x3 ins., mkd. with 3 grooves on W. face, other markings worn away, set in a mound of stone.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, at cor. of secs. 3, 4, 33, and 34, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td colspan="2">T18N R21E</td></tr> <tr><td>S 33</td><td>S 34</td></tr> <tr><td>S 4</td><td>S 3</td></tr> <tr><td colspan="2">T17N</td></tr> <tr><td colspan="2">1944</td></tr> </table> </div> <p style="text-align: right;">raise a mound<br/>of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p style="text-align: center;">-----</p> <p>East, on a random line describing the tangent bet. secs. 3 and 34, 2 and 35, and 1 and 36, along the N. bdy. of the Tp.</p> | T18N R21E |  | S 33 | S 34 | S 4 | S 3 | T17N |  | 1944 |  |
| T18N R21E |   |           |  |      |      |     |     |      |  |      |  |
| S 33      | S 34  |           |  |      |      |     |     |      |  |      |  |
| S 4       | S 3   |           |  |      |      |     |     |      |  |      |  |
| T17N      |   |           |  |      |      |     |     |      |  |      |  |
| 1944      |   |           |  |      |      |     |     |      |  |      |  |
| 29.00     | <p>Atchison Topeka &amp; Santa Fe Railroad, 2 tracks, bears N. 61<math>\frac{3}{4}</math>° E. and S. 61<math>\frac{3}{4}</math>° W.</p>   |           |  |      |      |     |     |      |  |      |  |
| 141.70    | <p>An adobe house bears S., 40 lks. dist.</p>   |           |  |      |      |     |     |      |  |      |  |
| 240.00    | <p>No trace of the cor. of Tps. 17 and 18 N., Rs. 21 and 22 E., set temporary point.</p> <p style="text-align: center;">-----</p> <p>From cor. of Tps. 17 and 18 N., Rs. 20 and 21 E.</p> <p>S. 0° 02' W., on a random line bet. secs. 1 and 6, along the W. bdy. of the Tp.</p>  |           |  |      |      |     |     |      |  |      |  |
| 82.35     | <p>A mound of stone on the S. edge of a graded road, bears E. and W. Altho this mound of stone is in the vicinity of the cor. of secs. 1, 6, 7, and 12, it is doubtful that it occupies the true position of the cor.</p> <p>From mound of stone the intersection of U.S. Highway No. 260 with a graded road to W., bears N. 79<math>\frac{3}{4}</math>° E., 6.00 chs. dist.</p> <p style="text-align: center;">-----</p> <p>S. 0° 03' W., on a random line bet. secs. 7 and 12, along the W. bdy. of the Tp.</p>   |           |  |      |      |     |     |      |  |      |  |
| 78.62     | <p>An iron peg, <math>\frac{1}{2}</math> in. diam., in center of a mound of stone. This iron peg is evidently used locally as the cor. of secs. 7, 12, 13, and 18.</p> <p style="text-align: center;">-----</p> <p>S. 1° 00' E., on a random line bet. secs. 13 and 18, along the W. bdy. of the Tp.</p>  |           |  |      |      |     |     |      |  |      |  |
| 40.13     | <p>The <math>\frac{1}{4}</math> sec. cor. as evidenced by a sandstone, 24x14x2 ins., mkd. <math>\frac{1}{4}</math> on W. face, set in a mound of stone.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, at <math>\frac{1}{4}</math> sec. cor., with brass cap mkd.</p>   |           |  |      |      |     |     |      |  |      |  |



## Retracements in T. 17 N., R. 21 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 13 \mid \text{S } 18 \\ 1944 \end{array}$$

-----

From iron peg used locally as the cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp.

N. 89° 31' E., on a random line bet. secs. 7 and 18.

6.00 State Highway No. 77, bears N. and S.

40.89 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 24x12x2 ins., mkd.  $\frac{1}{4}$  on N. face, set in a mound of stone.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone, 4 ft. base, to top, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

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

1944

N. 89° 22' E., on true line bet. secs. 7 and 18.

Over rolling land.

8.70 Wash, 5 lks. wide, course N.

14.80 Wash, 20 lks. wide, course N.

30.00 One wire telephone line, bears N. 20° W. and S. 20° E.

33.50 Wash, 5 lks. wide, course N.

40.29 The cor. of secs. 7, 8, 17, and 18, as evidenced by the center of a mound of stone and the fragments of a sandstone, no markings remaining.

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

$$\begin{array}{c} \text{T17N R21E} \\ \text{S } 7 \mid \text{S } 8 \\ \text{S } 18 \mid \text{S } 17 \\ 1944 \end{array}$$

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

-----

N. 89° 56' E., on true line bet. secs. 8 and 17.

Over rolling land.

62.90 Wash, 15 lks. wide, course N. 15° W.

74.60 Unimproved road, bears N. and S.

79.01 The cor. of secs. 8, 9, 16, and 17, as evidenced by the center of an old mound of stone.

## Retracements in T. 17 N., R. 21 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone, 5 ft. base, to top, at cor. of secs. 8, 9, 16, and 17, with brass cap mkd.

|                            |      |
|----------------------------|------|
| T17N R21E                  |      |
| S 8                        | S 9  |
| <hr style="width: 100%;"/> |      |
| S 17                       | S 16 |
| 1944                       |      |

-----

N. 89° 40' E., on true line bet. secs. 9 and 16.

Over rolling land.

41.93 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 30x12x5 ins., mkd.  $\frac{1}{4}$  on N. face, set in a mound of stone.

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

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 9  |
|               | S 16 |
|               | 1944 |

S. 89° 27' E., on a random line bet. secs. 9 and 16.

40.00 No trace of the cor. of secs. 9, 10, 15, and 16, set temporary point.

-----

S. 0° 40' E., on a random line bet. secs. 15 and 16.

39.77 The  $\frac{1}{4}$  sec. cor. as evidenced by the center of a mound of stone.

Set an iron post, 3 ft. long, 1 in. diam., on a cross (+) on bedrock, and in a mound of stone, 5 ft. base, to top, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

|      |               |      |
|------|---------------|------|
|      | $\frac{1}{4}$ |      |
|      |               |      |
| S 16 |               | S 15 |
|      |               |      |
|      | 1944          |      |

from which

The original bearing tree:

A cedar stump, 13 ins. diam., bears S. 40° E., 145 lks. dist., no markings remaining.

S. 0° 40' W., on a random line bet. secs. 15 and 16.

40.00 No trace of the cor. of secs. 15, 16, 21, and 22, set temporary point.

-----

N. 89° 42' E., on a random line bet. secs. 15 and 22.

81.72 The cor. of secs. 14, 15, 22, and 23, as evidenced by a cedar post, 2 $\frac{1}{2}$  ins. square, 1 ft. above a mound of stone, markings faintly visible but not legible.

## Retracements in T. 17 N., R. 21 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, with the original cedar post buried alongside, and in a mound of stone, 5 ft. base, to top, at cor. of secs. 14, 15, 22, and 23, with brass cap mkd.

$$\begin{array}{c} T17N R21E \\ S 15 | S 14 \\ \hline S 22 | S 23 \\ 1944 \end{array}$$

-----  
S. 0° 09' E., on true line bet. secs. 22 and 23.

Over gently rolling land, thru very scattering juniper timber.

40.38 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 24x18x3 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone.

Set an iron post, 3 ft. long, 1 in. diam., on a cross (+) chisled on bedrock, and in a mound of stone, 5 ft. base, top top, with the original stone buried in the mound, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ | \\ S 22 | S 23 \\ | \\ 1944 \end{array}$$

from which

An original bearing tree:

A cedar stump, 6 ins. diam., bears S. 58 $\frac{1}{2}$ ° W., 97 lks. dist., no markings remaining.

No trace of the SE. bearing tree.

S. 0° 09' W., on a random line bet. secs. 22 and 23.

40.00 No trace of the cor. of secs. 22, 23, 26, and 27, set temporary point.

-----  
S. 89° 45' E., on a random line bet. secs. 23 and 26.

40.72 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 15x8x6 ins. above ground, mkd.  $\frac{1}{4}$  on N. face.

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

$$\begin{array}{c} \frac{1}{4} \frac{S 23}{S 26} \\ 1944 \end{array}$$

N. 89° 43' E., on true line bet. secs. 23 and 26.

Over rolling land.

40.35 The cor. of secs. 23, 24, 25, and 26, as evidenced by a sandstone, 24x10x3 ins., mkd. with 2 grooves on S. face and 1 notch on E. edge, set in a mound of stone.

## Retracements in T. 17 N., R. 21 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., on a cross (+) chisled on bedrock, and in a mound of stone, 5 ft. base, to top, with the original stone buried in the mound, at cor. of secs. 23, 24, 25, and 26, with brass cap mkd.

|      |      |
|------|------|
| T17N | R21E |
| S 23 | S 24 |
| S 26 | S 25 |
| 1944 |      |

from which

An original bearing tree:

A juniper stump, 14 ins. diam., bears S.  $89\frac{1}{2}^{\circ}$  W., 11 lks. dist., no markings remaining.

-----

S.  $0^{\circ} 16'$  W., on true line bet. secs. 25 and 26.

Over rolling land.

26.00 Low spur, slopes E.

35.00 Swale, drains E.

41.75 The  $\frac{1}{4}$  sec. cor. as evidenced by a cedar post, 4 ins. square, 2 ft. above ground, markings worn away.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original post buried alongside, and a glass bottle deposited at base, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

|      |      |
|------|------|
| S 26 | S 25 |
| 1944 |      |

S.  $0^{\circ} 49'$  E., on true line bet. secs. 25 and 26.

Over rolling land.

30.00 Enter scattering juniper timber, bears NW. and SE.

39.10 The cor. of secs. 25, 26, 35, and 36, as evidenced by the center of an old mound of stone.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top, at cor. of secs. 25, 26, 35, and 36, with brass cap mkd.

|      |      |
|------|------|
| T17N | R21E |
| S 26 | S 25 |
| S 35 | S 36 |
| 1944 |      |

from which

An original bearing tree:

A juniper, 14 ins. diam., bears S.  $73^{\circ}$  W., 97 lks. dist., mkd. T XVII N R XXI E S XXXV BT.

Retracements in T. 17 N., R. 21 E.

Chains

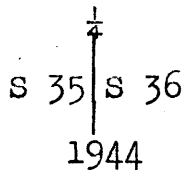
S. 0° 15' E., on true line bet. secs. 35 and 36.  
Over gently rolling land, thru scattering juniper.

15.00 Leave timber, bears NE. and SW.; over level land.

23.50 Wash, 20 lks. wide, course S. 80° E.

40.18 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 30x8x4 ins. above ground, mkd.  $\frac{1}{4}$  on W. face.

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



S. 0° 15' W., on a random line bet. secs. 35 and 36.

40.00 The temporary point for the stan. cor. of secs. 35 and 36, on the S. bdy. of the Tp., and on the 4th stan. par. N.

-----  
From the stan. cor. of Tps. 17 N., Rs. 21 and 22 E., on the 4th stan. par. N.

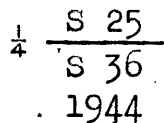
North, on a random line bet. secs. 31 and 36, along the E. bdy. of the Tp.

80.00 No trace of the cor. of secs. 25, 30, 31, and 36, set temporary point.

-----  
S. 86° 56' W., on a random line bet. secs. 25 and 36.

40.10 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 24x12x4 ins., mkd.  $\frac{1}{4}$  on N. face, set in a mound of stone.

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



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

No trace of the original bearing tree.

From cor. a Geological Survey P.T.B.M., elev. 5178 ft., bears S. 30° 56' W., 13.81 chs. dist.; a painted square on top of cliff about 100 ft. above the Little Colorado River.

-----  
From temporary point for the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp.

North, on a random line bet. secs. 25 and 30, along the E. bdy. of the Tp.

## Retracements in T. 17 N., R. 21 E.

BOOK 4000

## Chains

- 80.00 No trace of the cor. of secs. 19, 24, 25, and 30, set temporary point.  
-----  
N. 0° 05' W., on a random line bet. secs. 19 and 24, along the E. bdy. of the Tp.
- 83.05 The cor. of secs. 13, 18, 19, and 24, as evidenced by a sandstone, 10x8x4 ins. above ground, mkd. with 3 notches on N. edge, other markings worn away.  
  
Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at the base, at cor. of secs. 13, 18, 19, and 24, with brass cap mkd.  
  

|      |      |
|------|------|
| T17N |      |
| R21E | R22E |
| S 13 | S 18 |
| S 24 | S 19 |
| 1944 |      |

  
-----  
West, on a random line bet. secs. 13 and 24.
- 80.00 No trace of the cor. of secs. 13, 14, 23, and 24, set temporary point.  
  
From this point a small knoll, about 15 ft. high, bears W., 25.00 chs. dist. (Tied by Geological Survey).  
-----  
North, on a random line bet. secs. 13 and 14.
- 68.30 U. S. Highway No. 260, bears N. 74½° W. and S. 74½° E.
- 80.00 No trace of the cor. of secs. 11, 12, 13, and 14, set temporary point.  
-----  
S. 88° 05' W., on a random line bet. secs. 11 and 14.
- 37.30 U. S. Highway No. 260, bears N. 74½° W. and S. 74½° E.
- 85.92 Old fence cor. from which old fence lines extend N. and W. This old fence cor. is evidently used locally as the cor. of secs. 10, 11, 14, and 15.  
-----  
S. 89° 48' W., on a random line bet. secs. 10 and 15.
- 78.23 The temporary point for the cor. of secs. 9, 10, 15 and 16.  
-----  
From old fence cor. evidently used locally as the cor. of secs. 10, 11, 14, and 15.  
N. 0° 03' W., on a random line bet. secs. 10 and 11.
- 15.00 U. S. Highway No. 260, bears N. 74½° W. and S. 74½° E.; fence extends N. from N. highway right-of-way fence.
- 80.05 Fence cor. from which fences extend S. and W. This fence cor. is evidently used locally as the cor. of secs. 2, 3, 10, and 11.  
-----  
West, on a random line bet. secs. 3 and 10.
- 80.00 No trace of the cor. of secs. 3, 4, 9, and 10, set temporary point.

## Retracements in T. 17 N., R. 20 E.

## Chains

The N. bdy. was surveyed by J. L. Harris, Deputy Surveyor, in 1879, and resurveyed by H. Meyrick, Deputy Surveyor, in 1882. The subdivisional lines of which retracements were made, as described in the following field notes, were surveyed by Meyrick, in 1882.

-----  
From the cor. of Tps. 17 and 18 N., Rs. 20 and 21 E.

N. 88° 21' W., on a random line bet. secs. 1 and 36, along the N. bdy. of the Tp.

39.99 A mound of stone, 3 ft. base, 2½ ft. high, I find no marked stone. This mound of stone is probably the ¼ sec. cor.

-----  
N. 89° 53' W., on a random line bet. secs. 1 and 36, and 2 and 35, along the N. bdy. of the Tp.

121.26 Fence cor. from which fences extend S. and W. This fence cor. is evidently used locally as the cor. of secs. 2, 3, 34, and 35.

-----  
N. 89° 44' W., on a random line bet. secs. 3 and 34, along the N. bdy. of the Tp.

78.03 The cor. of secs. 3, 4, 33, and 34, as evidenced by a cottonwood post, 4 ins. square, 12 ins. above ground, mkd. with 3 notches on each of the E. and W. edges, other markings illegible.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original cottonwood post buried alongside, and a glass bottle deposited at base, at cor. of secs. 3, 4, 33, and 34, with brass cap mkd.

T18N R20E  
S 33 | S 34  
S 4 | S 3  
T17N  
1944

-----  
S. 89° 38' W., on a random line bet. secs. 4 and 33, 5 and 32, and 6 and 31, along the N. bdy. of the Tp.

20.00 U. S. Highway No. 66, bears N. 73½° W. and S. 73½° E.

203.70 Atchison Topeka and Santa Fe R.R., bears N. 43° W. and S. 43° E.

241.18 No trace of the cor. of Tps. 17 and 18 N., Rs. 19 and 20 E., set temp. point.

-----  
From mound of stone in the vicinity of the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp.

N. 87° 53' W., on a random line bet. secs. 1 and 12.

40.02 An iron pipe, 1 in. diam., 4 ins. above ground, in a small mound of stone. This pipe is evidently used locally as the ¼ sec. cor.

## Retracements in T. 17 N., R. 20 E.

| Chains |  |
|--------|--|
| 40.24  | <p>S. 88° 42' W., on a random line bet. secs. 1 and 12.</p> <p>Fence cor. from which fences extend N., S., and W. This fence cor. is evidently used locally as the cor. of secs. 1, 2, 11, and 12.</p> <p style="text-align: center;">-----</p>  |
| 80.18  | <p>N. 89° 47' W., on a random line bet. secs. 2 and 11.</p> <p>A stake, 1x2 ins., 6 ins. above ground. This stake is evidently used locally as the cor. of secs. 2, 3, 10, and 11.</p> <p>From stake a fence cor. bears N., 39 lks. dist., from which fences extend N. &amp; W.; and a fence cor. bears S., 39 lks. dist., from which fences extend S. and E.</p> <p style="text-align: center;">-----</p>   |
| 40.15  | <p>N. 89° 46' W., on a random line bet. secs. 3 and 10.</p> <p>Fence cor. from which fences extend E. and W., and an old fence line extends south. Alongside of fence cor. is a sandstone, 14x5x3 ins. above ground. This fence cor. is evidently used locally as the <math>\frac{1}{4}</math> sec. cor.</p> <p>From fence cor. Coast &amp; Geodetic Survey bench mark No. H4 bears N. 17° 05' E., 51.70 chs. dist., on W. end of railroad bridge over Leroux Wash, elev. 5059.872 ft.</p> |
| 40.09  | <p>S. 89° 33' W., on a random line bet. secs. 3 and 10.</p> <p>A fence cor. from which fences extend N. and E. This fence corner is evidently used locally as the cor. of secs. 3, 4, 9, and 10.</p> <p style="text-align: center;">-----</p>  |
| 161.53 | <p>S. 89° 36' W., on a random line bet. secs. 4 and 9, and 5 and 8.</p> <p>Fence cor. from which fences extend N., S., E., and W. This fence cor. is evidently used locally as the cor. of secs. 5, 6, 7, and 8.</p> <p>From fence cor. a stone house bears N. 82° 21' W., 3.80 chs. dist.</p> <p style="text-align: center;">-----</p>  |
| 80.58  | <p>S. 89° 49' W., on a random line bet. secs. 6 and 7.</p> <p>Fence cor. from which fences extend N., S., E., and W. This fence cor. is evidently used locally as the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp.</p>   |



## Retracements in T. 18 N., R. 19 E.

## Chains

The S. and W. bdys. and a portion of the subdivisional lines were surveyed by J. L. Harris, Deputy Surveyor, in 1879. The S. bdy. was retraced by H. Meyrick, Deputy Surveyor, in 1882. In 1920-21 Sidney E. Blout, Cadastral Engineer, completed the survey of the subdivisional lines and resurveyed the lines adjacent to the then unsurveyed sections, under group No. 92.

-----  
From temporary point for the cor. of Tps. 17 and 18 N., Rs. 19 and 20 E.

S. 88° 21' W., on a random line bet. secs. 1 and 36, along the S. bdy. of the Tp.

83.98 The cor. of secs. 1, 2, 35, and 36, as evidenced by a cedar post, 3 ins. square, 2 ft. above ground, mkd. S XXXV on NE. face, S XXXVI on NW. face, R XIX on SE. face, and 5 notches on W. and 1 notch on S. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, at cor. of secs. 1, 2, 35, and 36, with brass cap mkd.

|           |      |
|-----------|------|
| T18N R19E |      |
| S 35      | S 36 |
| S 2       | S 1  |
| T17N      |      |
| 1944      |      |

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

-----  
West, on a random line describing the tangent, bet. secs. 2 and 35, along the S. bdy. of the Tp.

80.00 No trace of the cor. of secs. 2, 3, 34, and 35, set temporary point.

-----  
North, on a random line bet. secs. 34 and 35.

80.00 No trace of the cor. of secs. 26, 27, 34, and 35, set temporary point.

-----  
North, on a random line bet. secs. 26 and 27, and 22 and 23.

57.80 A.T. & S.F. R.R., two tracks, bears N. 65° W. and S. 65° E.

160.00 No trace of the cor. of secs. 14, 15, 22, and 23, set temporary point.

From this point a stone, 10x10 ins., 4 ft. above ground, bears N. 39¾° E., 3.22 chs. dist., firmly set in the ground. The function of this stone was not determined.

-----  
N. 88° 56' W., on a random line bet. secs. 15 and 22.

82.69 The cor. of secs. 15, 16, 21, and 22, as evidenced by a cottonwood post, 4 ins. square, 1½ ft. above ground, markings worn away.

## Retracements in T. 18 N., R. 19 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cottonwood post buried alongside, and a glass bottle deposited at base, at cor. of secs. 15, 16, 21, and 22, with brass cap mkd.

|           |      |
|-----------|------|
| T18N R19E |      |
| S 16      | S 15 |
| S 21      | S 22 |
| 1944      |      |

-----

N. 0° 01' E., on a random line bet. secs. 15 and 16.

80.33 Fence cor. from which fences extend N., S., and W. This fence cor. is evidently used locally as the cor. of secs. 9, 10, 15, and 16.

-----

N. 0° 10' W., on a random line bet. secs. 9 and 10.

80.45 The cor. of secs. 3, 4, 9, and 10, as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the subdivisional lines of T. 18 N., R. 19 E., completed under group No. 92.

-----

From fence cor. evidently used locally as the cor. of secs. 9, 10, 15, and 16.

S. 89° 48' W., on a random line bet. secs. 9 and 16.

81.67 An iron pipe, 1 in. diam., 4 ins. above ground, in a small mound of stone. This iron pipe is evidently used locally as the cor. of secs. 8, 9, 16, and 17, but it does not occupy the position of the original witness cor.

-----

N. 89° 54' W., on a random line bet. secs. 8 and 17, and 7 and 18.

164.16 No trace of the cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp., set temporary point.

-----

S. 0° 45' W., on a random line bet. secs. 13 and 18, along the W. bdy. of the Tp.

2.00 A fence cor. from which fences extend N., S., and E.

2.60 A fence cor. from which fences extend N., S., and W.

43.40 A.T. & S.F. R.R., two tracks, bears E. and W.

80.00 No trace of the cor. of secs. 13, 18, 19, and 24, set temporary point.

-----

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

N. 89° 48' W., on a random line bet. secs. 27 and 34.

## Retracements in T. 18 N., R. 19 E.

## Chains

81.69 The cor. of secs. 27, 28, 33, and 34, as evidenced by a cottonwood post, 6 ins. square, 2 ft. above ground, mkd. S 27 T 18 N R 19 E on NE. face, S 34 on SE. face, and S. 33 on SW. face.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cottonwood post buried alongside, and a glass bottle deposited at base, at cor. of secs. 27, 28, 33, and 34, with brass cap mkd.

|           |      |
|-----------|------|
| T18N R19E |      |
| S 28      | S 27 |
| S 33      | S 34 |
| 1944      |      |

-----

N. 0° 43' W., on a random line bet. secs. 27 and 28.

80.53 No trace of the cor. of secs. 21, 22, 27, and 28, set temporary point.

From this point a Geological Survey V.A.B.M., elev. 4993 ft., bears N. 0° 02' E., 22.91 chs. dist.; on W. abutment at N. end of bridge over the Little Colorado River.

-----

S. 89° 22' W., on a random line bet. secs. 21 and 28.

26.10 From this point a house bears S., 70 lks. dist.

43.40 From this point a house bears S., about 4.50 chs. dist. extend

80.10 Fence cor. from which fences/N., E., and W. This fence cor. is evidently used locally as the cor. of secs. 20, 21, 28, and 29.

-----

S. 89° 44' W., on a random line bet. secs. 20 and 29.

80.55 The cor. of secs. 19, 20, 29, and 30, as evidenced by a cottonwood post, 3 ins. square, 1½ ft. above ground, markings faintly visible but not legible.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cottonwood post buried alongside, and a glass bottle deposited at base, at cor. of secs. 19, 20, 29, and 30, with brass cap mkd.

|           |      |
|-----------|------|
| T18N R19E |      |
| S 19      | S 20 |
| S 30      | S 29 |
| 1944      |      |

-----

N. 88° 52' W., on a random line bet. secs. 19 and 30,

80.02 No trace of the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp., set temporary point.

-----

N. 2° 44' W., on a random line bet. secs. 19 and 24, along the W. bdy. of the Tp.

80.79 The temporary point for the cor. of secs. 13, 18, 19, and 24.

BOOK 4532

## Retracements in T. 17 N., R. 19 E.

## Chains

The subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1883.

-----

From fence cor. evidently used locally as the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the township.

N. 88° 44' W., on a random line bet. secs. 1 and 12.

78.46 The cor. of secs. 1, 2, 11, and 12, as evidenced by a sandstone, 12x14x4 ins., markings worn away, set in a mound of stone.

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

T17N R19W

S 2 | S 1

S 11 | S 12

1944

raise a mound  
of stone, 2 ft. base, 1½ ft. high, W. of cor.

From cor. a fence cor. bears S., 73 lks. dist. from which fences extend S. and E.

-----

N. 2° 00' W., on true line bet. secs. 1 and 2.

Over gently rolling land.

0.60 Unimproved road, bears E. and W.

19.80 Wash, 10 lks. wide, course E.

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

## Retracements in T. 18 N., R. 18 E.

-----

The W. bdy. and a portion of the subdivisional lines were surveyed by J. L. Harris, Deputy Surveyor, in 1879. In 1921 S. E. Blout, Cadastral Engineer, completed the survey of the subdivisional lines and resurveyed the lines adjacent to the then unsurveyed sections, under Group No. 92.

-----

From temporary point for the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp.

S. 89° 01' W., on a random line bet. secs. 13 and 24, and 14 and 23.

160.08 The cor. of secs. 14, 15, 22, and 23, as evidenced by a cedar post, 4 ins. square, 2 ft. above ground, mkd. T XVIII N R XVIII E S XXII on SW. face, S XIV on NE. face, S XV on NW. face, and 3 notches on S. and 2 notches on E. edges.

## Retracements in T. 18 N., R. 18 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 14, 15, 22, and 23, with brass cap mkd.

|      |      |
|------|------|
| T18N | R18E |
| S 15 | S 14 |
| S 22 | S 23 |
| 1944 |      |

S. 89° 40' W., on a random line bet. secs. 15 and 22, 16 and 21, and 17 and 20.

242.80

The cor. of secs. 17, 18, 19, and 20, as evidenced by a cedar post, 4 ins. square, 2 ft. above ground, mkd. T XVIII N R XVIII E S XX on SE. face, XIX on SW. face, and 3 notches on S. and 5 notches on E. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 17, 18, 19, and 20, with brass cap mkd.

|      |      |
|------|------|
| T18N | R18E |
| S 18 | S 17 |
| S 19 | S 20 |
| 1944 |      |

S. 89° 44' W., on true line bet. secs. 18 and 19.

Over level land.

40.53

The  $\frac{1}{4}$  sec. cor. as evidenced by a cedar post, 3 ins. square,  $1\frac{1}{2}$  ft. above ground, mkd.  $\frac{1}{4}$  on N. face.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

|               |      |
|---------------|------|
| $\frac{1}{4}$ | S 18 |
|               | S 19 |
| 1944          |      |

S. 89° 56' W., on true line bet. secs. 18 and 19.

40.27

The cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp.; as evidenced by a cedar post, 3 ins. square, 2 ft. above ground, mkd. T XVIII R XVII XIII on NW. face, T XVIII R XVIII E XVIII on NE. face, and 3 notches on each of the N. and S. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 13, 18, 19, and 24, with brass cap mkd.

|      |      |
|------|------|
| T18N |      |
| R17E | R18E |
| S 13 | S 18 |
| S 24 | S 19 |
| 1944 |      |

## Retracements in T. 18 N., R. 18 E.

| Chains |  |
|--------|--|
|        | <p>From the cor. of secs. 17, 18, 19, and 20.</p> <p>South, on true line bet. secs. 19 and 20.</p> <p>Over level land.</p>   |
| 40.56  | <p>The <math>\frac{1}{4}</math> sec. cor. as evidenced by a cottonwood post, 4 ins. diam., 2 ft. above ground, with dim, illegible, markings on W. face.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the cottonwood post buried alongside, and a glass bottle deposited at base, at <math>\frac{1}{4}</math> sec. cor., with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\begin{array}{c} \frac{1}{4} \\   \\ S\ 19 \mid S\ 20 \\   \\ 1944 \end{array}</math> </div> |
|        | <p>S. <math>0^{\circ} 10' E.</math>, on true line bet. secs. 19 and 20.</p> <p>Over gently rolling land.</p>   |
| 21.00  | Old road, bears NE. and SW.  |
| 40.20  | <p>The cor. of secs. 19, 20, 29, and 30, as evidenced by an iron post, 2 ins. diam., This cor. was reconstructed as described in the field notes of the subdivisional lines of T. 18 N., R. 18 E., completed under Group No. 92.</p> <p style="text-align: center;">-----</p>  |
|        | S. $89^{\circ} 53' W.$ , on a random line bet. secs. 19 and 30.  |
| 80.64  | <p>No trace of the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp.; set temporary point.</p> <p style="text-align: center;">-----</p>  |
|        | <p>From cor. of secs. 17, 18, 19, and 20:</p> <p>N. <math>0^{\circ} 18' W.</math>, on a random line bet. secs. 17 and 18, and 7 and 8.</p>   |
| 87.00  | A.T. & S.F. R.R., two tracks, bears N. $89^{\circ} \frac{3}{4}' W.$ , and S. $89^{\circ} \frac{3}{4}' E.$  |
| 160.88 | <p>The cor. of secs. 5, 6, 7, and 8, as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the subdivisional lines of T. 18 N., R. 18 E., completed under Group No. 92.</p> <p style="text-align: center;">-----</p>   |
|        | <p>From temporary point for the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp.</p> <p>West, on a random line describing the tangent, bet. secs. 12 and 13.</p>   |
| 80.00  | <p>No trace of the cor. of secs. 11, 12, 13, and 14, set temporary point.</p> <p>From this point a fence cor. bears S. <math>16^{\circ} E.</math>, 3.51 chs. dist., from which fences extend N., S., E., and W.</p> <p style="text-align: center;">-----</p>   |

## Retracements in T. 18 N., R. 18 E.

## Chains

S. 89° 30' W., on a random line bet. secs. 11 and 14.

80.00 No trace of the cor. of secs. 10, 11, 14, and 15, set temporary point.

From this point the SE. cor. of the Manila school house bears N. 75½° E., 1.22 chs. dist.

From the same point Coast & Geodetic Survey B.M. No. "A 269" bears S. 55° 43' E., 27.80 chs. dist.; the top of a rivet head set in concrete in N. end of E. abutment of railroad bridge over Manila Wash, elev. 4958.82 ft.

Also from the same point the section house at Manila bears S. 23° 27' W., 12.74 chs. dist.

-----

S. 89° 36' W., on a random line bet. secs. 10 and 15.

58.10 A.T. & S.F. R.R., two tracks, bears N. 79¼° W. and S. 79¼° E.

80.91 The point for the cor. of secs. 9, 10, 15, and 16, as determined from the original bearing tree.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with a glass bottle deposited at base, at corner of secs. 9, 10, 15, and 16, with brass cap mkd.

|      |      |
|------|------|
| T18N | R18E |
| S 9  | S 10 |
| S 16 | S 15 |
| 1944 |      |

from which

The original bearing tree:

A cottonwood, 26 ins. diam., bears S. 20° W., 220 lks. dist., markings rotted away.

A signal on the A.T. & S.F. R.R. bears N. 9¼° E., 519 lks. dist.

-----

N. 0° 25' W., on a random line bet. secs. 9 and 10.

5.10 A.T. & S.F. R.R., bears west, and S. 85° E.

81.21 A pine post, 8x6 ins., 6 ft. above ground. This post is evidently used locally as the cor. of secs. 3, 4, 9, and 10.

-----

S. 89° 06' W., on a random line bet. secs. 4 and 9.

81.66 The cor. of secs. 4, 5, 8, and 9, as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the subdivisional lines of T. 18 N., R. 18 E., completed under Group No. 92.

## Retracements in T. 18 N., R. 17 E.

BOOK 4382

| Chains |  |
|--------|--|
|        | <p>The N. bdy. and a portion of the subdivisional lines were surveyed by J. L. Harris, Deputy Surveyor, in 1879. The N. bdy. was retraced by F. Follman, Deputy Surveyor, in 1882. In 1920 S.E. Blout, Cadastral Engineer, completed the survey of the subdivisional lines and resurveyed the lines adjacent to the then unsurveyed sections, under Group No. 93.</p> <p style="text-align: center;">-----</p>   |
| 40.00  | <p>From temporary point for the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp.</p> <p>S. 89° 50' W., on a random line bet. secs. 24 and 25.</p> <p>The <math>\frac{1}{4}</math> sec. cor. as evidenced by a cedar post, 3 ins. diam., 6 ins. above ground, markings worn away.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at <math>\frac{1}{4}</math> sec. cor., with brass cap mkd.</p> <div style="text-align: center;"> <math display="block">\frac{1}{4} \begin{array}{r} \text{S } 24 \\ \text{S } 25 \\ 1944 \end{array}</math> </div> <p>N. 89° 50' W., on true line bet. secs. 24 and 25.</p> <p>Over level land.</p> |
| 40.50  | <p>The cor. of secs. 23, 24, 25, and 26, as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the subdivisional lines of T. 18 N., R. 17 E., completed under Group No. 93.</p> <p>From cor. Charlie Warick's house bears S. 34° 06' W., 29.55 chs. dist.</p> <p style="text-align: center;">-----</p>   |
| 320.00 | <p>From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., which is an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the W. bdy. of T. 18 N., R. 18 E., resurveyed under Group No. 92.</p> <p>West, on a random line describing the tangent, bet. secs. 1 and 12, 2 and 11, 3 and 10, and 4 and 9.</p> <p>No trace of the cor. of secs. 4, 5, 8, and 9, set temporary point.</p> <p>From this point a windmill bears N. 51° 13' W., 12.29 chs. dist.</p> <p style="text-align: center;">-----</p>  |
| 80.00  | <p>North, on a random line bet. secs. 4 and 5.</p> <p>No trace of the cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp., set temporary point.</p> <p style="text-align: center;">-----</p>   |
| 165.70 | <p>West, on a random line describing the tangent, bet. secs. 5 and 32, and 6 and 31, along the N. bdy. of the Tp.</p> <p>No trace of the cor. of Tps. 18 and 19 N., Rs. 16 and 17 E., set temporary point.</p>   |



## Retracements in T. 18 N., R. 17 E.

## Chains

From this point a Geological Survey V. A. B. M., elev. 4896.2 ft., bears N.  $9^{\circ} 39'$  W., 82.75 chs. dist.; on SW. cor. of a concrete bridge on U. S. Highway No. 66, over Cottonwood Wash.

From the same point a windmill at Babbit's ranch bears S.  $6^{\circ} 24'$  E., 51.62 chs. dist.

## Retracements in T. 19 N., R. 16 E.

The bdys. and a portion of the subdivisional lines were surveyed by J. L. Harris, Deputy Surveyor, in 1879. The E. bdy. was retraced by F. Follman, Deputy Surveyor, and the S. and W. bdys. by O.D. Wheeler, Deputy Surveyor, in 1882. In 1920-21 S.E. Blout, Cadastral Engineer, completed the survey of the subdivisional lines and resurveyed the lines adjacent to the then unsurveyed sections.

-----

From temporary point for the cor. of Tps. 18 and 19 N., Rs. 16 and 17 E.

N.  $0^{\circ} 11'$  W., on a random line bet. secs. 31 and 36, and 25 and 30, along the E. bdy. of the Tp.

160.88 The cor. of secs. 19, 24, 25, and 30, as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the E. bdy. of T. 19 N., R. 16 E., resurveyed under Group No. 92.

From cor. airplane beacon No. LAA-47 bears N.  $68^{\circ} 08'$  W., 34.25 chs. dist.

-----

From temporary point for the cor. of Tps. 18 and 19 N., Rs. 16 and 17 E.

West, on a random line bet. secs. 1 and 36, along the S. bdy. of the Tp.

77.80 A.T. & S.F. R.R., two tracks, bears N.  $74\frac{3}{4}^{\circ}$  W. and S.  $74\frac{3}{4}^{\circ}$  E.

80.00 No trace of the cor. of secs. 1, 2, 35, and 36, set temporary point.

From this point the approximate position of Geological Survey V.A.B.M., elev. 4878 ft., bears S.  $74^{\circ} 32'$  E., 14.17 chs. dist. The cottonwood stump, upon which this V.A.B.M. was located, has been destroyed. (Near Hobson R.R. station).

-----

0.60  
79.28 N.  $1^{\circ} 09'$  W., on a random line bet. secs. 35 and 36. A.T. & S.F.R.R., two tracks, bears N.  $74\frac{3}{4}^{\circ}$  W. and S.  $74\frac{3}{4}^{\circ}$  E. The cor. of secs. 25, 26, 35, and 36, as evidenced by the remains of a cedar post, 3 ins. diam., markings faintly visible but illegible.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the remains of the cedar post and a glass bottle deposited at base, at cor. of secs. 25, 26, 35, and 36, with brass cap mkd.

## Retracements in T. 19 N., R. 16 E.

BOOK 2882

## Chains

|           |      |
|-----------|------|
| T19N R16E |      |
| S 26      | S 25 |
| S 35      | S 36 |
| 1944      |      |

-----

S. 89° 47' W., on a random line bet. secs. 26 and 35, and 27 and 34.

160.94 The cor. of secs. 27, 28, 33, and 34, as evidenced by a cedar post, 4 ins. square, 2 ft. above ground, mkd. with 3 notches on E. edge, and XIX on NE. face, other markings illegible.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 27, 28, 33, and 34, with brass cap mkd.

|           |      |
|-----------|------|
| T19N R16E |      |
| S 28      | S 27 |
| S 33      | S 34 |
| 1944      |      |

-----

N. 89° 57' W., on a random line bet. secs. 28 and 33.

71.90 A house bears N., 55 lks. dist.

81.58 Fence cor. from which fences extend N., S., and W. This fence cor. is evidently used locally as the cor. of secs. 28, 29, 32, and 33.

-----

N. 0° 16' E., on a random line bet. secs. 28 and 29.

79.92 No trace of the cor. of secs. 20, 21, 28, and 29, set temporary point.

-----

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

82.40 No trace of the cor. of secs. 19, 20, 29, and 30, set temporary point.

-----

N. 1° 00' E., on a random line bet. secs. 19 and 20.

47.50 A house bears E., 1.00 chs. dist.

50.10 A house bears E., 2.00 chs. dist.

81.17 No trace of the cor. of secs. 17, 18, 19, and 20, set temporary point.

-----

N. 0° 10' W., on a random line bet. secs. 17 and 18.

39.99 A railroad "T" rail, 1 ft. above ground. This rail is evidently used locally as the  $\frac{1}{4}$  sec. cor.

## Retracements in T. 19 N., R. 16 E.

| Chains    |  |           |  |     |     |     |     |      |  |
|-----------|--|-----------|--|-----|-----|-----|-----|------|--|
|           | N. 1° 02' W., on a random line bet. secs. 17 and 18.   |           |  |     |     |     |     |      |  |
| 40.39     | A railroad "T" rail, 1 ft. above ground. This rail is evidently used locally as the cor. of secs. 7, 8, 17, and 18.<br>-----   |           |  |     |     |     |     |      |  |
|           | N. 0° 03' W., on a random line bet. secs. 7 and 8.   |           |  |     |     |     |     |      |  |
| 80.00     | No trace of the cor. of secs. 5, 6, 7, and 8, set temporary point.<br>-----  |           |  |     |     |     |     |      |  |
|           | N. 1° 25' E., on a random line bet. secs. 5 and 6.   |           |  |     |     |     |     |      |  |
| 81.69     | No trace of the cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the Tp.; set temporary point.<br>-----   |           |  |     |     |     |     |      |  |
|           | S. 89° 30' W., on a random line bet. secs. 6 and 31, along the N. bdy. of the Tp.  |           |  |     |     |     |     |      |  |
| 81.56     | A railroad "T" rail, 1 ft. above ground. This rail is evidently used locally as the cor. of Tps. 19 and 20 N., Rs. 15 and 16 E.<br>-----   |           |  |     |     |     |     |      |  |
|           | From temporary point for the cor. of secs. 5, 6, 7, and 8.   |           |  |     |     |     |     |      |  |
|           | N. 89° 27' E., on a random line bet. secs. 5 and 8.  |           |  |     |     |     |     |      |  |
| 81.47     | The point for the cor. of secs. 4, 5, 8, and 9, as determined from the original bearing tree.<br><br>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with a glass bottle deposited at base, at cor. of secs. 4, 5, 8, and 9, with brass cap mkd.<br><br><table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T19N R16E</td></tr> <tr><td>S 5</td><td>S 4</td></tr> <tr><td>S 8</td><td>S 9</td></tr> <tr><td colspan="2">1944</td></tr> </table> <p style="text-align: right;">from which</p> | T19N R16E |  | S 5 | S 4 | S 8 | S 9 | 1944 |  |
| T19N R16E |  |           |  |     |     |     |     |      |  |
| S 5       | S 4  |           |  |     |     |     |     |      |  |
| S 8       | S 9  |           |  |     |     |     |     |      |  |
| 1944      |  |           |  |     |     |     |     |      |  |
|           | The original bearing tree:<br><br>A cottonwood, 40 ins. diam.; bears N. 42° W., 227 lks. dist., markings overgrown.<br>-----   |           |  |     |     |     |     |      |  |
|           | N. 89° 43' E., on a random line bet. secs. 4 and 9.  |           |  |     |     |     |     |      |  |
| 80.00     | No trace of the cor. of secs. 3, 4, 9, and 10, set temporary point.<br>-----   |           |  |     |     |     |     |      |  |
|           | North, on a random line bet. secs. 3 and 4.  |           |  |     |     |     |     |      |  |
| 80.00     | No trace of the cor. of secs. 3, 4, 33, and 34, set temporary point, on N. bdy. of township.<br>-----  |           |  |     |     |     |     |      |  |

## Retracements in T. 19 N., R. 16 E.

## Chains

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

South, on a random line bet. secs. 33 and 34.

34.10 A.T. & S.F. R.R., two tracks, bears S.  $73\frac{1}{2}^{\circ}$  E. and N.  $73\frac{1}{2}^{\circ}$  W.

80.00 No trace of the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., set temporary point.

## Retracements in T. 18 N., R. 16 E.

The subdivisional lines were surveyed by O.D. Wheeler, Deputy Surveyor, in 1882.

From temporary point for the cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp.

S.  $0^{\circ} 19'$  E., on a random line bet. secs. 3 and 4.

80.76 An iron rod, 1 in. diam., 10 ins. above ground, in a mound of stone. This iron rod is evidently used locally as the cor. of secs. 3, 4, 9, and 10.

S.  $1^{\circ} 54'$  E., on a random line bet. secs. 9 and 10.

1.70 Fence, bears E. and W.

39.65 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 18x16x3 ins. above ground, mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone. A railroad "T" rail is set alongside of mkd. stone.

From cor. a Geological Survey B.M. bears S.  $21^{\circ} 45'$  W., 32.17 chs. dist.; a brass tablet set in concrete at S. end of a bridge over Clear Creek, mkd. U.S. GAUGING STA. REF. MK.

## Retracements in T. 20 N., R. 16 E.

The bdys. and subdivisional lines were surveyed by J. L. Harris, Deputy Surveyor, in 1879. The E. bdy. was retraced by F. Follman, Deputy Surveyor, and the W. and N. bdys. by O.D. Wheeler, Deputy Surveyor, in 1882.

From temporary point for the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp.

North, on a random line bet. secs. 33 and 34, 27 and 28, and 21 and 22.

106.00 A house bears W., 2.00 chs. dist.

109.10 A windmill bears W., 2 chs. dist.

## Retracements in T. 20 N., R. 16 E.

## Chains

240.52 The cor. of secs. 15, 16, 21, and 22, as evidenced by a cottonwood post, 4 ins. square, 1 ft. above ground, mkd. with 3 notches on each of the S. and E. faces.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cottonwood post buried alongside, and a glass bottle deposited at base, at cor. of secs. 15, 16, 21, and 22, with brass cap mkd.

|      |      |
|------|------|
| T20N | R16E |
| S 16 | S 15 |
| S 21 | S 22 |

1944

From cor. a windmill bears S. 80° 37' W., 57.06 chs. dist. A Geological Survey V.A.B.M., elev. 4812 ft., is located on the base of the tower of this windmill.

-----

N. 0° 30' W., on true line bet. secs. 15 and 16.

Over level land.

45.50 Wash, 10 lks. wide, course west.

79.80 Wash, 10 lks. wide, course S. 80° W.

81.40 The cor. of secs. 9, 10, 15, and 16, as evidenced by a cottonwood post, 4 ins. square, 1 ft. above ground, markings worn away.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cottonwood post buried alongside, and a glass bottle deposited at base, at cor. of secs. 9, 10, 15, and 16, with brass cap mkd.

|      |      |
|------|------|
| T20N | R16E |
| S 9  | S 10 |
| S 16 | S 15 |

1944

-----

N. 0° 58' W., on true line bet. secs. 9 and 10.

Over level land.

70.70 Wash, 20 lks. wide, course S. 80° W.

80.95 The cor. of secs. 3, 4, 9, and 10, as evidenced by a cottonwood post, 3 ins. square, 1½ ft. above ground, mkd. with 5 notches on S. and 3 notches on E. edges.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cottonwood post buried alongside, and a glass bottle deposited at base, at cor. of secs. 3, 4, 9, and 10, with brass cap mkd.

|      |      |
|------|------|
| T20N | R16E |
| S 4  | S 3  |
| S 9  | S 10 |

1944

-----

BOOK 4332

## Retracements in T. 20 N., R. 16 E.

|   |  |           |  |     |     |   |  |     |     |      |  |
|---|--|-----------|--|-----|-----|---|--|-----|-----|------|--|
| Chains                                    | S. 87° 40' W., on true line bet. secs. 4 and 9.<br>Over level land.  |           |  |     |     |   |  |     |     |      |  |
| 68.90                                     | Left bank of wash, course S. 60° W.  |           |  |     |     |   |  |     |     |      |  |
| 69.80                                     | Right bank of wash, course S. 60° W.   |           |  |     |     |   |  |     |     |      |  |
| 77.60                                     | The cor. of secs. 4, 5, 8, and 9, as evidenced by a cottonwood post, 3 ft. long, 3 ins. square, 2 ft. above ground, mkd. with 5 notches on S. and 4 notches on E. edges.<br><br>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cottonwood post buried alongside, and a glass bottle deposited at base, at cor. of secs. 4, 5, 8, and 9, with brass cap mkd. |           |  |     |     |   |  |     |     |      |  |
|   | <table style="margin: auto;"> <tr><td colspan="2">T20N R16E</td></tr> <tr><td>S 5</td><td>S 4</td></tr> <tr><td colspan="2"><hr style="width: 50%; margin: 0 auto;"/></td></tr> <tr><td>S 8</td><td>S 9</td></tr> <tr><td colspan="2">1944</td></tr> </table> <p style="text-align: center;">-----</p>   | T20N R16E |  | S 5 | S 4 | <hr style="width: 50%; margin: 0 auto;"/> |  | S 8 | S 9 | 1944 |  |
| T20N R16E                                 |  |           |  |     |     |   |  |     |     |      |  |
| S 5                                       | S 4  |           |  |     |     |   |  |     |     |      |  |
| <hr style="width: 50%; margin: 0 auto;"/> |  |           |  |     |     |   |  |     |     |      |  |
| S 8                                       | S 9  |           |  |     |     |   |  |     |     |      |  |
| 1944                                      |  |           |  |     |     |   |  |     |     |      |  |
|   | N. 88° 51' W., on true line bet. secs. 5 and 8.  |           |  |     |     |   |  |     |     |      |  |
| 14.85                                     | Wash, 30 lks. wide, course S.  |           |  |     |     |   |  |     |     |      |  |
| 23.00                                     | Old road, bears N. 40° W., and S. 40° E.   |           |  |     |     |   |  |     |     |      |  |
| 34.70                                     | Old road, bears N. 40° W. and S. 40° E.  |           |  |     |     |   |  |     |     |      |  |
| 38.50                                     | Fence, bears NW. and SE.   |           |  |     |     |   |  |     |     |      |  |
| 38.70                                     | Old road, bears NW. and SE.  |           |  |     |     |   |  |     |     |      |  |
| 48.60                                     | Right bank of channel of Little Colorado River (dry), course N. 20° E.   |           |  |     |     |   |  |     |     |      |  |
| 66.50                                     | Left bank of channel of Little Colorado River, course N.   |           |  |     |     |   |  |     |     |      |  |
| 68.30                                     | Fence, bears N. and S.   |           |  |     |     |   |  |     |     |      |  |
| 81.80                                     | The cor. of secs. 5, 6, 7, and 8, as evidenced by the rotted remains of a cottonwood post.<br><br>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the remains of the cottonwood post and a glass bottle deposited at base, at cor. of secs. 5, 6, 7, and 8, with brass cap mkd.  |           |  |     |     |   |  |     |     |      |  |
|   | <table style="margin: auto;"> <tr><td colspan="2">T20N R16E</td></tr> <tr><td>S 6</td><td>S 5</td></tr> <tr><td colspan="2"><hr style="width: 50%; margin: 0 auto;"/></td></tr> <tr><td>S 7</td><td>S 8</td></tr> <tr><td colspan="2">1944</td></tr> </table> <p style="text-align: right;">from which</p>   | T20N R16E |  | S 6 | S 5 | <hr style="width: 50%; margin: 0 auto;"/> |  | S 7 | S 8 | 1944 |  |
| T20N R16E                                 |  |           |  |     |     |   |  |     |     |      |  |
| S 6                                       | S 5  |           |  |     |     |   |  |     |     |      |  |
| <hr style="width: 50%; margin: 0 auto;"/> |  |           |  |     |     |   |  |     |     |      |  |
| S 7                                       | S 8  |           |  |     |     |   |  |     |     |      |  |
| 1944                                      |  |           |  |     |     |   |  |     |     |      |  |
|   | Original bearing trees:  |           |  |     |     |   |  |     |     |      |  |
|   | A cottonwood, 26 ins. diam., bears S. 70¼° E., 175 lks. dist., markings overgrown. I remark this tree: T 20 N R 16 E S 8 B T.  |           |  |     |     |   |  |     |     |      |  |
|   | A cottonwood stump, 30 ins. diam., bears N. 19° W., 96 lks. dist., no markings remaining.  |           |  |     |     |   |  |     |     |      |  |

## BOOK 4382

## Retracements in T. 20 N., R. 16 E.

| Chains  |   |
|---|---|
|   | <p>A new bearing tree:</p> <p>A cottonwood, 30 ins. diam., bears N. <math>12\frac{1}{2}^{\circ}</math> W., 125 lks. dist., mkd. T 20 N R 16 E S 6 B T.</p> <p>No other bearing trees available.</p> <p>-----</p> <p>S. <math>88^{\circ} 48'</math> W., on a random line bet. secs. 6 and 7.</p> |
| 78.75   | <p>No trace of the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp., set temporary point.</p> <p>-----</p> <p>North, on a random line bet. secs. 1 and 6, along the W. bdy. of the Tp.</p>  |
| 80.00   | <p>No trace of the closing cor. of Tps. 20 N., Rs. 15 and 16 E., on the S. bdy. of sec. 36, T. 21 N., R. 15 E., on the 5th stan. par. N., set temporary point.</p> <p>From this point an E.-W. fence is N., 93 lks. dist. (S. bdy. fence of Navajo Indian Reservation).</p>                     |
| Retracements in T. 21 N., R. 15 E.  |   |
| <p>The bdys. and subdivisional lines were surveyed by O. D. Wheeler, Deputy Surveyor, in 1882.</p> <p>-----</p> <p>From temporary point for the closing cor. of Tps. 20 N., Rs. 15 and 16 E., on the S. bdy. of sec. 36, on the 5th stan. par. N.</p> <p>West, on a random line describing the tangent, along the S. bdys. of secs. 36, 35, 34, and 33.</p> |   |
| 10.57   | An Indian house bears N., 9.00 chs. dist.   |
| 40.62   | The approximate position of a Geological Survey V.A.B.M., elev. 4798 ft., bears N., 9.28 chs. dist. This B.M. was on the stone chimney of an old trading post and has been destroyed.   |
| 211.51  | A county line monument bears N., 3.11 chs. dist.; an iron pipe, $2\frac{1}{2}$ ins. diam., 4 ins. above ground, with cap mkd. NAVAJO on E., and COCONINO on W.  |
| 288.40  | No trace of the stan. cor. of secs. 32 and 33, set temporary point.   |
|   | <p>-----</p> <p>North, on a random line bet. secs. 32 and 33.</p>   |
| 2.30  | S. bdy. fence of Navajo Indian Reservation, bears E. and W.   |
| 80.00   | No trace of the cor. of secs. 28, 29, 32, and 33, set temporary point.  |
|   | <p>-----</p> <p>West, on a random line bet. secs. 29 and 32.</p>  |
| 80.00   | No trace of the cor. of secs. 29, 30, 31, and 32, set temporary point.  |
|   | <p>-----</p>  |

## Retracements in T. 21 N., R. 15 E.

|   |   |
|---|---|
| Chains  | North, on a random line bet. secs. 29 and 30, and 19 and 20.  |
| 160.00  | No trace of the cor. of secs. 17, 18, 19, and 20, set temporary point.<br><br>From this point an Indian hogan bears S. 51° 06' E., 15.33 chs. dist.<br><br>-----<br>S. 89° 04' W., on a random line bet. secs. 18 and 19.   |
| 82.18   | A mound of stone, 3 ft. base, 2 ft. high. This mound of stone is possibly the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp.<br><br>-----<br>North, on a random line bet. secs. 13 and 18, 7 and 12, and 1 and 6, along the W. bdy. of the Tp.   |
| 82.00   | An Indian hogan bears E., 30 lks. dist.   |
| 240.00  | No trace of the cor. of Tps. 21 and 22 N., Rs. 14 and 15 E., set temporary point.   |
| Retracements in T. 19 N., R. 17 E.  |   |
| The E. bdy. was surveyed by H. Meyrick, Deputy Surveyor, in 1882, and the subdivisional lines were surveyed by F. Follman; Deputy Surveyor, in 1882.<br><br>-----<br>From the cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp.<br><br>N. 89° 52' E., on a random line describing the tangent bet. secs. 19 and 30. |   |
| 83.00   | No trace of the cor. of secs. 19, 20, 29, and 30, set temporary point.<br><br>-----<br>North, on a random line bet. secs. 19 and 20.  |
| 80.00   | No trace of the cor. of secs. 17, 18, 19, and 20, set temporary point.<br><br>-----<br>East, on a random line bet. secs. 17 and 20, and 16 and 21.  |
| 160.00  | No trace of the cor. of secs. 15, 16, 21, and 22, set temporary point.<br><br>-----<br>S. 89° 05' E., on a random line bet. secs. 15 and 22.  |
| 82.08   | The cor. of secs. 14, 15, 22, and 23, as evidenced by a lava stone, 14x12x10 ins. above ground, mkd. with 3 grooves on S. face, no other markings evident.<br><br>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, at cor. of secs. 14, 15, 22, and 23, with brass cap mkd. |



## Retracements in T. 19 N., R. 17 E.

Chains

$$\begin{array}{r} \text{T19N R17E} \\ \text{S 15 | S 14} \\ \hline \text{S 22 | S 23} \end{array}$$

1944

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

From cor. a windmill bears S.  $11^{\circ} 09'$  E., 64.75 chs. dist. A Geological Survey V.A.B.M., elev. 4947 ft., is near this windmill but was not found.

East, on a random line bet. secs. 14 and 23, and 13 and 24.

160.00 No trace of the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., set temporary point.

From this point a windmill bears S.  $42^{\circ} 48'$  E., 17.46 chs. dist.

## Retracements in T. 19 N., R. 18 E.

The E. bdy. and subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1882.

From temporary point for the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp.

East, on a random line bet. secs. 18 and 19, and 17 and 20.

160.00 No trace of the cor. of secs. 16, 17, 20, and 21, set temporary point.

From this point a Geological Survey P.T.B.M., elev. 5006.3 ft., bears N.  $74^{\circ} 13'$  E., 63.87 chs. dist.; a cross chisled on rim of an octagonal, concrete, stock watering trough.

North, on a random line bet. secs. 16 and 17.

80.00 No trace of the cor. of secs. 8, 9, 16, and 17, set temporary point.

East, on a random line bet. secs. 9 and 16.

80.00 No trace of the cor. of secs. 9, 10, 15, and 16, set temporary point.

N.  $86^{\circ} 55'$  E., on a random line bet. secs. 10 and 15.

42.89 The  $\frac{1}{4}$  sec. cor. as evidenced by a lava stone, 6x6x4 ins., mkd.  $\frac{1}{4}$  on N. face, set in a small mound of stone.

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

$$\frac{1}{4} \frac{\text{S 10}}{\text{S 15}}$$

1944

## Retracements in T. 19 N., R. 18 E.

|        |  |
|--------|--|
| Chains | East, on a random line bet. secs. 10 and 15, and 11 and 14.  |
| 120.00 | No trace of the cor. of secs. 11, 12, 13, and 14, set temporary point.<br><br>From this point a windmill bears N. 45° 08' E., 10.67 chs. dist.<br><br>N. 5° 39' W., on a random line bet. secs. 11 and 12. |
| 79.14  | No trace of the cor. of secs. 1, 2, 11, and 12, set temporary point.<br><br>-----<br><br>East, on a random line bet. secs. 1 and 12.   |
| 80.00  | No trace of the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., set temporary point.<br><br>-----<br><br>North, on a random line bet. secs. 1 and 6, along the E. bdy. of the Tp.                |
| 80.00  | No trace of the cor. of Tps. 19 and 20 N., Rs. 18 and 19 E., set temporary point.  |

## Retracements in T. 20 N., R. 19 E.

|       |   |
|-------|---|
|       | The S. bdy. was surveyed by H. Meyrick, Deputy Surveyor, and the subdivisional lines by F. Follman, Deputy Surveyor, in 1882.<br><br>-----<br><br>From temporary point for the cor. of Tps. 19 and 20 N., Rs. 18 and 19 E.<br><br>East, on a random line bet. secs. 6 and 31, along the S. bdy. of the Tp.                                |
| 83.50 | Fence cor. from which fences extend E. & W., and an old fence line extends N. This fence cor. is evidently used locally as the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp.<br><br>From fence cor. a windmill bears N. 59° 51' W., 35.12 chs. dist.<br><br>-----<br><br>N. 4° 20' W., on a random line bet. secs. 31 and 32. |
| 81.30 | No trace of the cor. of secs. 29, 30, 31, and 32, set temporary point.<br><br>From this point the "WD" ranch house bears S. 78° 10' E., 37.73 chs. dist.<br><br>-----<br><br>S. 88° 51' E., on a random line bet. secs. 29 and 32.  |
| 96.89 | Fence cor. from which fences extend S. and W. This fence cor. is evidently used locally as the cor. of secs. 28, 29, 32, and 33.<br><br>-----   |

## Retracements in T. 20 N., R. 19 E.

|  |  |      |  |      |      |      |      |      |      |      |  |
|--|--|------|--|------|------|------|------|------|------|------|--|
| Chains   | North, on a random line bet. secs. 28 and 29.  |      |  |      |      |      |      |      |      |      |  |
| 80.00  | No trace of the cor. of secs. 20, 21, 28, and 29, set temporary point.<br>-----  |      |  |      |      |      |      |      |      |      |  |
|  | East, on a random line bet. secs. 21 and 28.   |      |  |      |      |      |      |      |      |      |  |
| 80.00  | No trace of the cor. of secs. 21, 22, 27, and 28, set temporary point.<br>-----  |      |  |      |      |      |      |      |      |      |  |
|  | North, on a random line bet. secs. 21 and 22.  |      |  |      |      |      |      |      |      |      |  |
| 80.00  | No trace of the cor. of secs. 15, 16, 21, and 22, set temporary point.<br><br>From this point a Geological Survey P.T.B.M., elev. 5123.9 ft., bears N. 28° 55' E., 26.28 chs. dist.; a piece of scrap iron driven into the SW. face of a lone cottonwood tree.   |      |  |      |      |      |      |      |      |      |  |
| Retracement of the E. Bdy. of T. 18 N., R. 20 E.   |  |      |  |      |      |      |      |      |      |      |  |
| The E. bdy. of T. 18 N., R. 20 E. was surveyed by H. Meyrick, Deputy Surveyor, in 1882.<br>----- |  |      |  |      |      |      |      |      |      |      |  |
|  | From the cor. of Tps. 17 and 18 N., Rs. 20 and 21 E.<br>N. 0° 15' W., on a random line bet. secs. 31 and 36.   |      |  |      |      |      |      |      |      |      |  |
| 80.23  | Fence cor. from which fences extend N., S., E., and W. This fence cor. is evidently used locally as the cor. of secs. 25, 30, 31, and 36.<br>-----   |      |  |      |      |      |      |      |      |      |  |
|  | N. 0° 52' E., on a random line bet. secs. 25 and 30.   |      |  |      |      |      |      |      |      |      |  |
| 40.00  | Fence cor. from which fences extend N. & S., and an old fence line extends E. This fence cor. is evidently used locally as the $\frac{1}{4}$ sec. cor.<br>-----  |      |  |      |      |      |      |      |      |      |  |
|  | N. 0° 08' E., on a random line bet. secs. 25 and 30, and 19 and 24.  |      |  |      |      |      |      |      |      |      |  |
| 122.32   | The cor. of secs. 13, 18, 19, and 24, as evidenced by a limestone, 14x6x2 ins., markings worn away, set in a mound of stone.<br><br>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at cor. of secs. 13, 18, 19, and 24, with brass cap mkd.<br><br><table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T18N</td></tr> <tr><td style="text-align: center;">R20E</td><td style="text-align: center;">R21E</td></tr> <tr><td style="text-align: center;">S 13</td><td style="text-align: center;">S 18</td></tr> <tr><td style="text-align: center;">S 24</td><td style="text-align: center;">S 19</td></tr> <tr><td colspan="2" style="text-align: center;">1944</td></tr> </table> <p style="text-align: right;">raise a mound<br/>of stone, 2 ft. base, 1½ ft. high, W. of cor.</p> | T18N |  | R20E | R21E | S 13 | S 18 | S 24 | S 19 | 1944 |  |
| T18N   |  |      |  |      |      |      |      |      |      |      |  |
| R20E   | R21E   |      |  |      |      |      |      |      |      |      |  |
| S 13   | S 18   |      |  |      |      |      |      |      |      |      |  |
| S 24   | S 19   |      |  |      |      |      |      |      |      |      |  |
| 1944   |  |      |  |      |      |      |      |      |      |      |  |

## Retracement of the E. Bdy. of T. 18 N., R. 20 E.

## Chains

From cor. an old stone house bears N. 21° 19' E., 25.24 chs. dist.

-----  
N. 0° 27' E., on a random line bet. secs. 13 and 18.

80.23 Fence cor. from which fences extend N., E., and W. This fence cor. is evidently used locally as the cor. of secs. 7, 12, 13, and 18.

-----  
N. 0° 12' E., on a random line bet. secs. 7 and 12.

77.89 Fence cor. from which fences extend N. & S., and an old fence line extends W. This fence cor. is evidently used locally as the cor. of secs. 1, 6, 7, and 12.

From fence cor. a house bears S. 74° 35' W., 47.72 chs. dist.

-----  
N. 0° 59' W., on a random line bet. secs. 1 and 6.

85.48 Fence cor. from which fences extend N., S., and E. This fence cor. is evidently used locally as the cor. of Tps. 18 and 19 N., Rs. 20 and 21 E.

From fence cor. a ranch house bears S. 39° 41' E., 59.27 chs. dist.

## Retracements in T. 19 N., R. 21 E.

-----  
The bdys. and subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1882.

-----  
From fence cor. evidently used locally as the cor. of Tps. 18 and 19 N., Rs. 20 and 21 E.

S. 87° 30' E., on a random line describing the tangent, bet. secs. 6 and 31, and 5 and 32, along the S. bdy. of the Tp.

165.00 No trace of the cor. of secs. 4, 5, 32, and 33, set temporary point.

-----  
North, on a random line bet. secs. 32 and 33, and 28 and 29.

62.38 From this point Coast & Geodetic Survey B.M. No. A 66 bears E., 2.46 chs. dist.; a brass cap set in a concrete monument, mkd. A 66 1934.

160.00 No trace of the cor. of secs. 20, 21, 28, and 29, set temporary point.

From this point a windmill bears S. 85° 08' W., 25.61 chs. dist.

-----  
From the same point Coast & Geodetic Survey B.M. No. B 66 bears N. 64° 18' E., 43.57 chs. dist.; a brass cap set in a concrete monument, mkd. B 66 1934, at bottom of SE. leg of tower of airplane beacon No. LA-A 49.

## Retracements in T. 19 N., R. 21 E.

|        |   |
|--------|---|
| Chains | East, on a random line describing the tangent, bet. secs. 21 and 28.  |
| 80.00  | No trace of the cor. of secs. 21, 22, 27, and 28, set temporary point.<br>-----   |
|        | North, on a random line bet. secs. 21 and 22.   |
| 80.00  | No trace of the cor. of secs. 15, 16, 21, and 22, set temporary point.<br>-----   |
|        | N. 83° 28' E., on a random line bet. secs. 15 and 22.   |
| 74.49  | No trace of the cor. of secs. 14, 15, 22, and 23, set temporary point.<br><br>From this point Coast & Geodetic Survey B.M. No. C 66 bears N. 14° 48' W., 44.28 chs. dist.; a brass cap set in concrete monument, mkd. C 66 1934.<br>-----   |
|        | North, on a random line bet. secs. 14 and 15, and 10 and 11.  |
| 87.64  | From this point a windmill bears W., 27.58 chs. dist.   |
| 160.00 | No trace of the cor. of secs. 2, 3, 10, and 11, set temporary point.<br><br>From this point the W. end of the N. abutment of a bridge over Leroux Wash, bears S. 46° 27' W., 47.39 chs. dist. (Location of Geological Survey P.T.B.M., elev. 5221.5 ft.)<br>-----   |
|        | East, on a random line bet. secs. 2 and 11.   |
| 80.00  | No trace of the cor. of secs. 1, 2, 11, and 12, set temporary point.<br>-----   |
|        | North, on a random line bet. secs. 1 and 2.   |
| 80.00  | No trace of the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp.; set temporary point.<br>-----  |
|        | East, on a random line bet. secs. 1 and 36, along the N. bdy. of the Tp.  |
| 80.00  | The cor. of Tps. 19 and 20 N., Rs. 21 and 22 E. as evidenced by a sandstone, 6x6x4 ins. above ground, mkd. with 6 notches on each of the N., S., E., and W. edges, alongside of stone is an iron pipe 1½ ins. diam., 8 ins. above ground.<br><br>Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the original stone and the iron pipe buried alongside, and a glass bottle deposited at base, at cor. of Tps. 19 and 20 N., Rs. 21 and 22 E., with brass cap mkd. |

T20N  
R21E | R22E  
S 36 | S 31  
-----  
S 1 | S 6  
T19N  
1944

## Retracements in T. 20 N., R. 22 E.

## Chains

The N., E., and W. bdays. and the subdivisional lines were surveyed by F. Follman, Deputy Surveyor, in 1882.

-----

From the cor. of Tps. 19 and 20 N., Rs. 21 and 22 E.

N. 0° 59' E., on true line bet. secs. 31 and 36, along the W. bdy. of the Tp.

Over gently rolling land.

19.80 Old road, bears N. 80° W. and S. 80° E.

80.01 The cor. of secs. 25, 30, 31, and 36, as evidenced by a sandstone, 6x3x3 ins., mkd. with 5 grooves on N. and 1 groove on S. faces, set in a mound of stone; alongside of mkd. stone is an iron peg, 1 in. square, 8 ins. above ground.

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

|      |      |
|------|------|
| T20N |      |
| R21E | R22E |
| S 25 | S 30 |
| S 36 | S 31 |
| 1944 |      |

-----

N. 0° 44' E., on a random line bet. secs. 25 and 30, and 19 and 24, along the W. bdy. of the Tp.

154.66 No trace of the cor. of secs. 13, 18, 19, and 24, set temporary point.

From this point Mitten Peak bears N. 76° 55' E., 22.27 chs. dist.

-----

N. 0° 10' W., on a random line bet. secs. 13 and 18, 7 and 12, and 1 and 6, along the W. bdy. of the Tp.

240.00 A partially broken sandstone, 16x14x4 ins., no markings evident, in the center of a mound of stone. This stone is possibly the closing cor. of Tps. 20 N., Rs. 21 and 22 E., on the 5th stan. par. N.

From stone the S. bday. fence of the Navajo Indian Reservation bears E. and W.

-----

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

S. 87° 57' E., on a random line bet. secs. 30 and 31, and 29 and 32.

173.17 No trace of the cor. of secs. 28, 29, 32, and 33, set temporary point.

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## Retracements in T. 20 N., R. 22 E.

|        |   |
|--------|---|
| Chains | North, on a random line bet. secs. 28 and 29, 20 and 21, and 16 and 17.   |
| 54.90  | A ranch house bears E., 4.40 chs. dist.   |
| 240.00 | No trace of the cor. of secs. 8, 9, 16, and 17, set temporary point.<br>-----   |
|        | East, on a random line bet. secs. 9 and 16.   |
| 80.00  | No trace of the cor. of secs. 9, 10, 15, and 16, set temporary point.<br>-----  |
|        | North, on a random line bet. secs. 9 and 10, and 3 and 4.   |
| 100.36 | From this point a Geological Survey V.A.B.M., elev. 5357.7 ft., bears east, 5.12 chs. dist.; a cedar post, 3 ins. square, 1 ft. above ground.   |
| 160.00 | No trace of the closing cor. of secs. 3 and 4, on the 5th stan. par. N., set temporary point.<br><br>From this point the S. bdy. fence of the Navajo Indian Reservation bears N., 70 lks. dist., bears E. and W.<br>-----   |
|        | S. 89° 59' E., on a random line along the N. bdy. of the Tp., on the 5th stan. par. N., and along the S. bdys. of secs. 34, 35, and 36, T. 21 N., R. 22 E.  |
| 141.86 | From this point an old fence cor. bears N., 6.40 chs. dist. (Tied by Geological Survey).  |
| 151.00 | A fence cor. bears N., 40 lks. dist. from which fences extend E. and N. 15° W. (Navajo Indian Reservation boundary fence).  |
| 235:43 | The stan. cor. of Tps. 21 N., Rs. 22 and 23 E. as evidenced by a sandstone, 18x4x3 ins., mkd. with 6 notches on each of the E. and W. edges, set in a mound of stone.<br><br>Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at stan. cor. of Tps. 21 N.; Rs. 22 and 23 E., with brass cap mkd.<br><br><div style="text-align: center;">           S C<br/>           T21N<br/>           R22E   R23E<br/>           S 36   S 31         </div><br><div style="text-align: center;">           1944<br/>           raise a mound<br/>           of stone, 2 ft. base, 1½ ft. high, N. of cor.         </div> |

## Retracements in T. 21 N., R. 23 E.

## Chains

The bdys. and subdivisional lines were surveyed by F. Follman, Deputy Surveyor, in 1882. In 1938 B. J. Kinsey, Cadastral Engineer, resurveyed the E. 3 miles of the S. bdy. (5th stan. par. N.) in connection with the survey of the boundaries of the Petrified Forest National Monument, under Group No. 222.

-----

From the stan. cor. of Ts. 21 N., Rs. 22 and 23 E.

S. 89° 26' E., on true line along the S. bdy. of sec. 31, along the 5th stan. par. N.

Over broken land, along the S. bdy. fence of the Navajo Indian Reservation.

29.40 Canyon, near head, course N.

39.57 The stan.  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 24x10 x4 ins., mkd.  $\frac{1}{4}$  on N. face, firmly set in a mound of stone under the Navajo Indian Reservation S. bdy. fence.

-----

S. 89° 36' E., on true line along the S. bdys. of secs. 31, 32, and 33, along the 5th stan. par. N.

Over broken land, along fence.

10.00 Leave broken land, bears NW. and SE., over gently rolling land.

40.35 Fence bears S. from E.-W. fence.

200.03 The stan. cor. of secs. 33 and 34 as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the 5th stan. par. N., thru R. 23 E., resurveyed under group No. 222.

-----

From the stan. cor. of secs. 34 and 35, which is an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the 5th stan. par. N., thru R. 23 E., resurveyed under group No. 222.

North, on a random line bet. secs. 34 and 35, 26 and 27, 22 and 23, and 14 and 15.

320.00 No trace of the cor. of secs. 10, 11, 14, and 15, set temporary point.

From this point a Geological Survey P.T.B.M., elev. 5488 ft., bears S. 29° 28' W., 23.39 chs. dist.; on the SE. cor. of a rectangular, concrete, watering trough, and near a windmill.

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 Retracements in T. 18 N., R. 22 E.
 

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The bdys. and subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1882.

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## Retracements in T. 18 N., R. 22 E.

## Chains

From temporary point for the cor. of Tps. 17 and 18 N.,  
Rs. 21 and 22 E.

N. 89° 15' E., on a random line bet. secs. 6 and 31, and  
5 and 32, along the S. bdy. of the Tp.

125.37

The  $\frac{1}{4}$  sec. cor. of secs. 5 and 32 as evidenced by a  
conglomerate stone, 20x8x8 ins., dimly mkd.  $\frac{1}{4}$  on N.  
face, set in a mound of stone.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the  
ground to bedrock, with the original stone buried along-  
side, and in a mound of stone,  $3\frac{1}{2}$  ft. base, to top, at  
 $\frac{1}{4}$  sec. cor., with brass cap mkd.

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

1944

-----  
East, on a random line bet. secs. 5 and 32, along the S.  
bdy. of the Tp.

40.00

No trace of the cor. of secs. 4, 5, 32, and 33, set  
temporary point.

-----  
From temporary point for the cor. of Tps. 17 and 18 N.,  
Rs. 21 and 22 E.

N. 0° 03' W., on random line bet. secs. 31 and 36, 25 and 30,  
and 19 and 24, along the W. bdy. of the Tp.

113.30

A.T. & S.F. R.R., two tracks, bears N. 61 $\frac{3}{4}$ ° E. and  
S. 61 $\frac{3}{4}$ ° W.

240.42

Fence cor. from which fences extend N., S., and E. This  
fence cor. is evidently used locally as the cor. of secs.  
13, 18, 19, and 24.

From fence cor. an airplane beacon bears N. 9° 40' E.,  
61.29 chs. dist.

-----  
N. 0° 23' W., on a random line bet. secs. 13 and 18,  
7 and 12, and 1 and 6, along the W. bdy. of the Tp.

190.20

U. S. Highway No. 66, bears N. 82° E. and S. 82° W.

241.38

Fence cor. from which fences extend N., S., and E. This  
fence cor. is evidently used locally as the cor. of  
Tps. 18 and 19 N., Rs. 21 and 22 E.

-----  
From fence cor. evidently used locally as the cor. of  
secs. 13, 18, 19, and 24, on the W. bdy. of the Tp.

N. 89° 38' E., on a random line bet. secs. 18 and 19,  
17 and 20, 16 and 21, and 15 and 22.

324.95

The cor. of secs. 14, 15, 22, and 23, as evidenced by a  
sandstone, 14x4x4 ins., mkd. with 2 grooves on E. and  
3 grooves on S. faces, set in a mound of stone.

## Retracements in T. 18 N., R. 22 E.

## Chains

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

$$\begin{array}{r} \text{T18N R22E} \\ \text{S 15 | S 14} \\ \hline \text{S 22 | S 23} \\ \text{1944} \end{array}$$

S. 89° 35' E., on true line bet. secs. 14 and 23.  
Over gently rolling land.

6.50 Dim road, bears N. 70° E. and S. 70° W.

40.17 The  $\frac{1}{4}$  sec. cor. as evidenced by a lava stone, 12x10x8 ins. above ground, mkd.  $\frac{1}{4}$  on N. face.

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

$$\frac{1}{4} \begin{array}{r} \text{S 14} \\ \hline \text{S 23} \\ \text{1944} \end{array}$$

S. 89° 36' E., on true line bet. secs. 14 and 23.

Over nearly level land.

40.06 The cor. of secs. 13, 14, 23, and 24, as evidenced by a lava stone, 15x12x6 ins., mkd. with 3 grooves on S., and 1 groove on E. faces, set in a mound of stone.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at cor. of secs. 13, 14, 23, and 24, with brass cap mkd.

$$\begin{array}{r} \text{T18N R22E} \\ \text{S 14 | S 13} \\ \hline \text{S 23 | S 24} \\ \text{1944} \end{array}$$

S. 0° 36' E., on true line bet. secs. 23 and 24.

Over gently rolling land.

40.14 The  $\frac{1}{4}$  sec. cor. as evidenced by a lava stone, 12x4x3 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of stone and earth.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone, 3 ft. base, to top, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$$\begin{array}{r} \frac{1}{4} \\ \uparrow \\ \text{S 23 | S 24} \\ \text{1944} \end{array}$$

## Retracements in T. 18 N., R. 22 E.

|           |  |           |  |      |      |      |      |      |      |      |  |
|-----------|--|-----------|--|------|------|------|------|------|------|------|--|
| Chains    | S. 0° 05' W., on true line bet. secs. 23 and 24.   |           |  |      |      |      |      |      |      |      |  |
| 40.10     | <p>The cor. of secs. 23, 24, 25, and 26, as evidenced by a conglomerate stone, 20x16x10 ins., dimly mkd. with 2 grooves on S. and 1 groove on E. faces, set in a mound of stone.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, at cor. of secs. 23, 24, 25, and 26, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T18N R22E</td></tr> <tr><td>S 23</td><td>S 24</td></tr> <tr><td>S 26</td><td>S 25</td></tr> <tr><td colspan="2">1944</td></tr> </table> <p style="text-align: right;">raise a mound<br/>of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <p>-----</p> <p>From the cor. of secs. 13, 14, 23, and 24.</p> <p>N. 88° 53' E., on true line bet. secs. 13 and 24.</p> <p>Over gently rolling land.</p>   | T18N R22E |  | S 23 | S 24 | S 26 | S 25 | 1944 |      |      |  |
| T18N R22E |  |           |  |      |      |      |      |      |      |      |  |
| S 23      | S 24   |           |  |      |      |      |      |      |      |      |  |
| S 26      | S 25   |           |  |      |      |      |      |      |      |      |  |
| 1944      |  |           |  |      |      |      |      |      |      |      |  |
| 80.72     | <p>The cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., as evidenced by a lava stone, 15x8x6 ins., mkd. with 3 grooves on each of the N. and S. faces, set in a mound of stone.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock, with the original stone buried alongside, and a glass bottle deposited at base, and in a mound of stone to top, at cor. of secs. 13, 18, 19, and 24, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2">T18N</td></tr> <tr><td>R22E</td><td>R23E</td></tr> <tr><td>S 13</td><td>S 18</td></tr> <tr><td>S 24</td><td>S 19</td></tr> <tr><td colspan="2">1944</td></tr> </table> <p style="text-align: center;">-----</p> <p>N. 0° 08' W., on true line bet. secs. 13 and 18, and 7 and 12, along the E. bdy. of the Tp.</p> <p>Over gently rolling land.</p> | T18N      |  | R22E | R23E | S 13 | S 18 | S 24 | S 19 | 1944 |  |
| T18N      |  |           |  |      |      |      |      |      |      |      |  |
| R22E      | R23E   |           |  |      |      |      |      |      |      |      |  |
| S 13      | S 18   |           |  |      |      |      |      |      |      |      |  |
| S 24      | S 19   |           |  |      |      |      |      |      |      |      |  |
| 1944      |  |           |  |      |      |      |      |      |      |      |  |
| 70.30     | A.T. & S.F. R.R., two tracks, bears N. 60° E. and S. 60° W.  |           |  |      |      |      |      |      |      |      |  |
| 92.80     | S. bank of Puerco River, course N. 80° W.  |           |  |      |      |      |      |      |      |      |  |
| 93.00     | Stream in river bed, 20 lks. wide, 4 ins. deep, course N. 80° W.   |           |  |      |      |      |      |      |      |      |  |
| 120.70    | North bank of Puerco River, course west.   |           |  |      |      |      |      |      |      |      |  |
| 127.80    | Fence, bears E. and W.   |           |  |      |      |      |      |      |      |      |  |
| 160.17    | <p>The cor. of secs. 1, 6, 7, and 12, as evidenced by a sandstone, 14x10x2 ins. above ground, mkd. with 5 notches on S. and 1 notch on N. edges.</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at cor. of secs. 1, 6, 7, and 12, with brass cap mkd.</p>   |           |  |      |      |      |      |      |      |      |  |

## Retracements in T. 18 N., R. 22 E.

Chains

|      |      |
|------|------|
| T18N |      |
| R22E | R23E |
| S 1  | S 6  |
| S 12 | S 7  |
| 1944 |      |

From cor. fences extend E., SW., and N. 15° E.

-----

N. 0° 13' E., on true line bet. secs. 1 and 6, along the E. bdy. of the Tp.

Over nearly level land.

- 32.50 South bank of Little Carrizo Wash, course SW.
- 41.20 North bank of Little Carrizo Wash, course SW., over rolling land.
- 46.90 Old stage road, bears E. and W.
- 49.90 U.S. Highway No. 66, bears N. 88° E. and S. 88° W.
- 54.50 Telephone line, bears E. and W.
- 80.25 The cor. of Tps. 18 and 19 N., Rs. 22 and 23 E., as evidenced by a limestone, 14x5x3 ins., mkd. with 6 grooves on each of the N., S., E., and W. faces, set in a mound of stone.

Set an iron post, 3 ft. long, 3 ins. diam.; 28 ins. in the ground, with the original stone buried alongside, at cor. of Tps. 18 and 19 N., Rs. 22 and 23 E.

|      |      |
|------|------|
| T18N |      |
| R22E | R23E |
| S 36 | S 31 |
| S 1  | S 6  |
| 1944 |      |

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

## Retracements in T. 18 N., R. 23 E.

The bdys. and subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1882.

-----

From the cor. of Tps. 18 and 19 N., Rs. 22 and 23 E.

S. 89° 51' E., on true line bet. secs. 6 and 31, along the N. bdy. of the Tp.

Over rolling land.

- 8.80 West bank of Little Carrizo Wash, course S.
- 15.20 East bank of Little Carrizo Wash, course S.
- 56.40 Wash, 5 lks. wide, course S.

## Retracements in T. 18 N., R. 23 E.

## Chains

- 74.00 Telephone line, bears N.  $66\frac{1}{2}^{\circ}$  E. and S.  $66\frac{1}{2}^{\circ}$  W.
- 79.55 The cor. of secs. 5, 6, 31, and 32, as evidenced by a cedar post, 4 ins. square,  $1\frac{1}{2}$  ft. above ground, mkd. with 5 notches on E. and 1 notch on W. edges.
- Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 5, 6, 31, and 32, with brass cap mkd.
- |      |      |
|------|------|
| T19N | R23E |
| S 31 | S 32 |
| S 6  | S 5  |
| T18N |      |
| 1944 |      |
- 
- S.  $89^{\circ} 59'$  E., on true line bet. secs. 5 and 32, along the N. bdy. of the Tp.
- Over gently rolling land.
- 26.70 Old highway, bears N.  $80^{\circ}$  E. and S.  $80^{\circ}$  W.
- 57.90 U. S. Highway No. 66, bears N.  $80^{\circ}$  E. and S.  $80^{\circ}$  W.
- 79.69 The cor. of secs. 4, 5, 32, and 33, as evidenced by a sandstone, 12x10x3 ins. above ground, mkd. with 4 grooves on E. and 2 grooves on W. faces.
- Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at cor. of secs. 4, 5, 32, and 33, with brass cap mkd.
- |      |      |
|------|------|
| T19N | R23E |
| S 32 | S 33 |
| S 5  | S 4  |
| T18N |      |
| 1944 |      |
- 
- East, on a random line bet. secs. 4 and 33, 3 and 34, 2 and 35, and 1 and 36, along the N. bdy. of the Tp.
- 322.49 No trace of the cor. of Tps. 18 and 19 N., Rs. 23 and 24 E., set temporary point.
- 
- From the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp.
- East, on a random line describing the tangent, bet. secs. 18 and 19, 17 and 20, and 16 and 21.
- 244.60 No trace of the cor. of secs. 15, 16, 21, and 22, set temporary point.
- 
- South, on a random line bet. secs. 21 and 22.
- 80.00 No trace of the cor. of secs. 21, 22, 27, and 28, set temporary point.
-

## Retracements in T. 18 N., R. 23 E.

## Chains

From temporary point for the cor. of secs. 15, 16, 21, and 22.

S. 89° 44' E., on a random line bet. secs. 15 and 22, 14 and 23, and 13 and 24.

244.66 The cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., as evidenced by a cedar post, 3 ins. square, 10 ins. above ground, mkd. with 3 grooves on each of the N. and S. faces.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 13, 18, 19, and 24, with brass cap mkd.

|      |      |
|------|------|
| T18N |      |
| R23E | R24E |
| S 13 | S 18 |
| S 24 | S 19 |
| 1944 |      |

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

## Retracements in T. 19 N., R. 23 E.

The bdys. and subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1882. In 1938 B.J. Kinsey, Cadastral Engineer, resurveyed a portion of the subdivisional lines in connection with the survey of the boundaries of the Petrified Forest National Monument, under Group No. 222.

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

North, on a random line bet. secs. 32 and 33.

3.80 U. S. Highway No. 66, bears N. 81 $\frac{1}{2}$ ° E. and S. 81 $\frac{1}{2}$ ° W.

80.00 No trace of the cor. of secs. 28, 29, 32, and 33, set temporary point.

-----  
S. 89° 42' E., on a random line bet. secs. 28 and 33.

81.77 The cor. of secs. 27, 28, 33, and 34, as evidenced by a sandstone, 14x12x4 ins. above ground, mkd. with 3 grooves on E. and 1 groove on S. faces.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at cor. of secs. 27, 28, 33, and 34, with brass cap mkd.

|           |      |
|-----------|------|
| T19N R23E |      |
| S 28      | S 27 |
| S 33      | S 34 |
| 1944      |      |

## Retracements in T. 19 N., R. 23 E.

## Chains

N. 0° 16' E., on true line bet. secs. 27 and 28.

Ascend over rocky bluff 25 ft. high.

- 2.30 Top of bluff, bears NW. and SE., faces S.; over gently rolling land.
- 22.20 Wash, 15 lks. wide, course S. 15° E. from NW.; over broken land.
- 25.50 Top of rocky bluff, bears NW. and SE.
- 42.50 N. edge of rocky bluff, bears NE. and SW.; over bad lands.
- 74.40 Rocky rim, bears E. and W.
- 80.37 The cor. of secs. 21, 22, 27, and 28, as evidenced by a sandstone, 16x14x4 ins., mkd. with 2 grooves on S. and 3 grooves on E. faces, set in a mound of stone.
- Set an iron post, 3 ft. long, 2 ins. diam., on a cross (+) on bedrock, and in a mound of stone, 5 ft. base, to top, with the original stone buried in the mound, at cor. of secs. 21, 22, 27, and 28, with brass cap mkd.

|           |      |
|-----------|------|
| T19N R23E |      |
| S 21      | S 22 |
| S 28      | S 27 |
| 1944      |      |

-----

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

- 80.10 No trace of the cor. of secs. 22, 23, 26, and 27, set temporary point.
- 

N. 0° 07' W., on a random line bet. secs. 22 and 23.

- 79.54 The cor. of secs. 14, 15, 22, and 23, as evidenced by an iron post, 2 ins. diam. This cor. was reestablished as described in the field notes of the subdivisional lines of T. 19 N., R. 23 E., resurveyed under Group No. 222.

## Retracements in T. 18 N., R. 24 E.

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The bdys. and subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1882. The S. bdy. was resurveyed by S.E. Blout, Cadastral Engineer, in 1921, under Group No. 118; and a portion of the N. and E. bdys. and subdivisional lines were resurveyed by B.J. Kinsey, Cadastral Engineer, in 1938, under Group No. 222. Both resurveys were made in connection with the survey of the bdys. of the Petrified Forest National Monument.

-----

From temporary point for the cor. of Tps. 18 and 19 N., Rs. 23 and 24 E.

S. 89° 27' E., on a random line bet. secs. 6 and 31, and 5 and 32, along the N. bdy. of the Tp.

## Retracements in T. 18 N., R. 24 E.

## Chains

169.11 The cor. of secs. 4, 5, 32, and 33, as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the S. bdy. of T. 19 N., R. 24 E., resurveyed under Group No. 222.

-----

From the cor. of secs. 3, 4, 33, and 34, as evidenced by an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the S. bdy. of T. 19 N., R. 24 E., resurveyed under Group No. 222.

S. 88° 00' E., on true line bet. secs. 3 and 34, along the N. bdy. of the Tp.

Over nearly level land.

11.30 Old road, bears N. 30° E. and S. 30° W.

25.00 Right bank of Dead River (dry), course SW.

38.50 Left bank of Dead River, course SW.

62.00 Thence over low hills.

78.60 The cor. of secs. 2, 3, 34, and 35, as evidenced by a sandstone, 20x16x4 ins., mkd. with 4 grooves on W. and 2 grooves on E. faces, set in a mound of stone.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, with the original stone buried alongside, and in a mound of stone, 3 ft. base, to top, at cor. of secs. 2, 3, 34, and 35, with brass cap mkd.

|           |      |
|-----------|------|
| T19N R24E |      |
| S 34      | S 35 |
| S 3       | S 2  |
| T18N      |      |
| 1944      |      |

-----

N. 89° 58' E., on true line bet. secs. 2 and 35, and 1 and 36, along the N. bdy. of the Tp.

Over low hills.

18.70 Old road, bears N. 60° E. and S. 60° W.

33.00 A.T. & S.F. R.R., two tracks, at curve, bears S. 63° W. and N. 68 $\frac{3}{4}$ ° E.

44.40 Right bank of Puerco River, course S. 20° W. (dry).

58.20 Left bank of Puerco River, course S. 30° W.

60.00 Left bank of same river, course NW., over river bottom.

75.00 Left bank of same river, course SW., leave river bottom; over level land.

83.50 Old fence, bears N. 20° W. and S. 20° E.

98.10 Fence, bears NE. and SW.

98.70 Old road, bears NE. and SW.



## Retracements in T. 18 N., R. 24 E.

## Chains

159.50

The cor. of Tps. 18 and 19 N., Rs. 24 and 25 E., as evidenced by a pine post, 5 ins. square, 3 ft. above ground, mkd. with 6 grooves on W. face, other markings worn away.

Set an iron post, 3 ft. long, 3 ins. diam., 28 ins. in the ground, with the pine post buried alongside, and a glass bottle deposited at base, at cor. of Tps. 18 and 19 N., Rs. 24 and 25 E., with brass cap mkd.

|      |      |  |
|------|------|--|
|      | T19N |  |
| R24E | R25E |  |
| S 36 | S 31 |  |
| S 1  | S 6  |  |
|      | T18N |  |
|      | 1944 |  |

-----

From the cor. of secs. 7, 8, 17, and 18, which is an iron post, 2 ins. diam. This cor. was reconstructed as described in the field notes of the subdivisional lines of T. 18 N., R. 24 E., resurveyed under Group No. 222.

S. 0° 05' W., on true line bet. secs. 17 and 18.

Over bottom land.

- 7.60 Right bank of Puerco River, (dry) course N. 80° W.
- 23.50 Left bank of Puerco River, course N. 80° W.; over low rolling hills.
- 25.00 From this point a windmill bears W., 2 chs. dist.
- 29.50 From this point a house bears W., 3 chs. dist.
- 31.90 Fence, bears E. and W.
- 40.40 The  $\frac{1}{4}$  sec. cor. as evidenced by a sandstone, 16x10x4 ins., mkd.  $\frac{1}{4}$  on W. face, set in a mound of earth.

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

|      |               |  |
|------|---------------|--|
|      | $\frac{1}{4}$ |  |
| S 18 | S 17          |  |
|      | 1944          |  |

S. 0° 52' W., on true line bet. secs. 17 and 18.

Over low rolling hills.

- 32.10 Low ridge, bears E. and W.
- 40.65 The cor. of secs. 17, 18, 19, and 20, as evidenced by a sandstone, 18x5x5 ins., mkd. with 3 grooves on S. and 5 grooves on E. faces, set in a mound of stone.
- Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at cor. of secs. 17, 18, 19, and 20, with brass cap mkd.

## Retracements in T. 18 N., R. 24 E.

Chains

|           |      |
|-----------|------|
| T18N R24E |      |
| S 18      | S 17 |
| S 19      | S 20 |
| 1944      |      |

-----

N. 88° 22' W., on true line bet. secs. 18 and 19.

Over low rolling hills.

80.28 The cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp.

## Retracements in T. 18 N., R. 25 E.

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The bdys. and subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1882.

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From the cor. of Tps. 18 and 19 N., Rs. 24 and 25 E.

S. 89° 29' E., on true line bet. secs. 6 and 31, along the N. bdy. of the Tp.

Over nearly level land.

78.04 The cor. of secs. 5, 6, 31, and 32, as evidenced by a cedar post, 2 ins. square, 1½ ft. above ground, markings dimly visible but illegible.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 5, 6, 31, and 32, with brass cap mkd.

|           |      |
|-----------|------|
| T19N R25E |      |
| S 31      | S 32 |
| S 6       | S 5  |
| T18N      |      |
| 1944      |      |

-----

S. 89° 17' E., on true line bet. secs. 5 and 32, along the N. bdy. of the Tp.

Over gently rolling land.

0.60 Fence, bears N. and S.

32.20 Enter wash, course S.

36.50 Leave wash, course S.

40.00 Top of small knoll.

72.40 Wash, 100 lks. wide, course N.

79.67 The cor. of secs. 4, 5, 32, and 33, as evidenced by a cedar post, 2½ ins. square, 1½ ft. above ground, mkd. with 4 notches on E. edge, other markings illegible.

## Retracements in T. 18 N., R. 25 E.

## Chains

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 4, 5, 32, and 33, with brass cap mkd.

|      |      |
|------|------|
| T19N | R25E |
| S 32 | S 33 |
| S 5  | S 4  |
| T18N |      |
| 1944 |      |

S. 1° 21' E., on a random line bet. secs. 4 and 5, and 8 and 9.

157.97

The cor. of secs. 8, 9, 16, and 17, as evidenced by a sandstone, 14x10x8 ins. above ground, mkd. with 4 grooves on E. face, other markings worn away.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at cor. of secs. 8, 9, 16, and 17, with brass cap mkd.

|      |      |
|------|------|
| T18N | R25E |
| S 8  | S 9  |
| S 17 | S 16 |
| 1944 |      |

S. 0° 45' E., on true line bet. secs. 16 and 17.

Over rolling land.

79.48

The cor. of secs. 16, 17, 20, and 21, as evidenced by a sandstone, 12x7x7 ins. above ground, mkd. with 4 grooves on E. face, other markings worn away.

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

|      |      |
|------|------|
| T18N | R25E |
| S 17 | S 16 |
| S 20 | S 21 |
| 1944 |      |

## Retracements in T. 19 N., R. 25 E.

The bds. and subdivisional lines were surveyed by H. Meyrick, Deputy Surveyor, in 1882.

From the cor. of Tps. 18 and 19 N., Rs. 24 and 25 E.

N. 0° 30' E., on true line bet. secs. 31 and 36.

Over level land.

## Retracements in T. 19 N., R. 25 E.

## Chains

- 40.10 The  $\frac{1}{4}$  sec. cor. as evidenced by a fir post, 6x4 ins., 1 $\frac{1}{2}$  ft. above ground, mkd.  $\frac{1}{4}$  on W. face.
- Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the fir post buried alongside, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.
- $$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 36 \text{ | S } 31 \\ | \\ 1944 \end{array}$$

-----
- N. 0° 33' E., on true line bet. secs. 31 and 36, and 25 and 30, along the W. bdy. of the Tp.
- Over nearly level land.
- 2.00 Old road, bears N. 80° E. and S. 80° W.
- 9.60 Fence, bears E. and W.
- 13.40 Left bank of Puerco River, course W. (dry).
- 24.80 Right bank of Puerto River, course W.
- 38.90 A.T. & S.F. R.R., two tracks, bears N. 49 $\frac{1}{2}$ ° E. and S. 49 $\frac{1}{2}$ ° W.
- 56.00 Old road bears N. 70° E. and S. 70° W.
- 79.30 The  $\frac{1}{4}$  sec. cor. of secs. 25 and 30, as evidenced by a sandstone, 16x4x2 ins. above ground, mkd.  $\frac{1}{4}$  on W. face.
- Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, with the original stone buried alongside, and a glass bottle deposited at base, at  $\frac{1}{4}$  sec. cor., with brass cap mkd.
- $$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 25 \text{ | S } 30 \\ | \\ 1944 \end{array}$$

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- N. 2° 20' W., on a random line bet. secs. 25 and 30, along the W. bdy. of the Tp.
- 36.16 A sandstone, 10x8x1 ins. above ground, firmly set in the ground, no markings evident. This stone is evidently used locally as the cor. of secs. 19, 24, 25, and 30, but it is doubtful that it occupies the position of the original cor.
- From stone, fences extend N., S., and E.
- S. 89° 58' E., on a random line bet. secs. 19 and 30.
- 79.00 No trace of the cor. of secs. 19, 20, 29, and 30, set temporary point.
-

## Retracements in T. 19 N., R. 25 E.

|        |  |
|--------|--|
| Chains | N. 3° 46' E., on a random line bet. secs. 19 and 20.   |
| 81.80  | The cor. of secs. 17, 18, 19, and 20, as evidenced by a cedar post, 2½ ins. square, 2 ft. above ground, markings worn away.<br><br>Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, with the cedar post buried alongside, and a glass bottle deposited at base, at cor. of secs. 17, 18, 19, and 20, with brass cap mkd.<br><br><div style="text-align: center;">           T19N R25E<br/>           S 18   S 17<br/>           S 19   S 20<br/>           1944         </div> |
|        | -----  |
|        | S. 89° 54' E., on a random line bet. secs. 17 and 20.  |
| 80.00  | No trace of the cor. of secs. 16, 17, 20, and 21, set temporary point.<br><br>-----  |
|        | North, on a random line bet. secs. 16 and 17.  |
| 80.00  | No trace of the cor. of secs. 8, 9, 16, and 17, set temporary point.<br><br>-----  |
|        | East, on a random line describing the tangent, bet. secs. 9 and 16, and 10 and 15.   |
| 119.50 | A.T. & S.F. R.R., two tracks, bears N. 51½°E. and S. 51½°W.  |
| 120.00 | From this point a Geological Survey V.A.B.M. bears N. 14° 59' E., 24.42 chs. dist.; a chiseled square on top of a sandstone boulder, 12 ft. base, 5 ft. high, elev. 5468 ft.   |
| 160.00 | No trace of the cor. of secs. 10, 11, 14, and 15, set temporary point.<br><br>-----  |
|        | North, on a random line bet. secs. 10 and 11.  |
| 32.30  | A.T. & S.F. R.R., two tracks, bears N. 51½°E., and S. 51½°W.   |
| 80.00  | No trace of the cor. of secs. 2, 3, 10, and 11, set temporary point.<br><br>-----  |
|        | East, on a random line describing the tangent, bet. secs. 2 and 11.  |
| 40.00  | From this point a Geological Survey V.A.B.M. bears S. 7° 08' E., 10.32 chs. dist.; a chiseled square on a sandstone outcropping, elev. 5493 ft.  |
| 80.00  | No trace of the cor. of secs. 1, 2, 11, and 12, set temporary point.<br><br>-----  |
|        | N. 0° 05' E., on a random line bet. secs. 1 and 2.   |
| 15.80  | A.T. & S.F. R.R., two tracks, bears N. 51½°E. and S. 51½°W.  |

## Retracements in T. 19 N., R. 25 E.

## Chains

80.00 No trace of the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp., set temporary point.

From this point a house bears S.  $60^{\circ} 17'$  E., 25.38 chs. dist.

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East, on a random line describing the tangent, bet. secs. 1 and 36, along the N. bdy. of the Tp.

80.00 No trace of the cor. of Tps. 19 and 20 N., Rs. 25 and 26 E., set temporary point.

From this point a Geological Survey V.A.B.M., elev. 5521 ft., bears S.  $23^{\circ}$  W., 2.50 chs. dist.; a chisled square on the rim of a concrete structure, 4.3 ft. square, 3.15 ft. high, open at top, walls 5 ins. thick.

From the same point the NE. cor. of the Pinta R.R. station bears S.  $4\frac{1}{2}^{\circ}$  W., 6.10 chs. dist.

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Retracement of a Portion of the E.Bdy. of T.20 N., R.25 E.

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The E. bdy. of T. 20 N., R. 25 E., was surveyed by H. Meyrick, Deputy Surveyor, in 1882.

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From temporary point for the cor. of Tps. 19 and 20 N., Rs. 25 and 26 E.

N.  $5^{\circ} 05'$  E., on a random line bet. secs. 31 and 36.

77.82 The cor. of secs. 25, 30, 31, and 36, as evidenced by a sandstone,  $10 \times 8 \times 3$  ins. above ground, markings worn away. An iron pipe, 1 in. diam., 6 ins. above ground, is alongside of stone.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD ASSISTANTS

| NAMES                  | CAPACITY            |
|------------------------|---------------------|
| John Boggs             | Truck Driver        |
| Theodore Cole          | Principal Assistant |
| Okeson Bonnot          | Principal Assistant |
| Samuel R. Hickerson    | Chainman            |
| Adrian B. Mixson       | Chainman            |
| Edward D. Loughman Jr. | Flagman             |
| Daniel F. X. Meenan    | Moundsman           |
| Richard C. Todd        | Axeman              |
|                        |                     |
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16B

BOOK 4682

### CERTIFICATE OF SURVEYOR

We, F. Wayne Forrest and Claude F. Warner  
Assistant Cadastral Engineers

HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 10th day of April, 1944

received from the district cadastral engineer for Arizona, with assignment

instructions dated April 10th, 1944, we have ~~surveyed~~ resurveyed portions of

T. 12 N., R. 28 E. - Ts. 13 N., Rs. 26 and 28 E. - Ts. 14 N., Rs. 25, 26  
and 27 E. - Ts. 15 N., Rs. 22, 23, 24, and 25 E. - Ts. 16 N., Rs. 21 and  
22 E. - Ts. 17 N., Rs. 19, 20, and 21 E. - Ts. 18 N., Rs. 16, 17, 18, 19,  
20, 22, 23, 24, and 25 E. - Ts. 19 N., Rs. 16, 17, 18, 21, 23, and 25 E. -  
Ts. 20 N., Rs. 16, 19, 22, and 25 E. - Ts. 21 N., Rs. 15 and 23 E.

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

re survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey  
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Glendale, California,  
January 12, 1945.

*F. Wayne Forrest*  
*Claude F. Warner*  
Assistant Cadastral Engineers  
General Land Office

### CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, March 12, 1945.

The foregoing field notes of the ~~survey~~ resurvey of portions of

T. 12 N., R. 28 E. - Ts. 13 N., Rs. 26 and 28 E. - Ts. 14 N., Rs. 25, 26,  
and 27 E. - Ts. 15 N., Rs. 22, 23, 24, and 25 E. - Ts. 16 N., Rs. 21 and  
22 E. - Ts. 17 N., Rs. 19, 20, and 21 E. - Ts. 18 N., Rs. 16, 17, 18, 19,  
20, 22, 23, 24, and 25 E. - Ts. 19 N., Rs. 16, 17, 18, 21, 23, and 25 E. -  
Ts. 20 N., Rs. 16, 19, 22, and 25 E. - Ts. 21 N., Rs. 15 and 23 E.

executed by F. Wayne Forrest and Claude F. Warner, Assistant Cadastral Engineers,

under special instructions dated April 10th, 1944, and assignment

instructions dated April 10th, 1944, having been critically examined, and

the necessary corrections made prior to their certification by the engineer, the said field notes, and the 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.