

4-879
(April 1933)

BOOK 4126

FIELD NOTES

of the SURVEY of

WEST BOUNDARY

and

SUBDIVISION LINES

of

FRACTIONAL TOWNSHIP 42 NORTH, RANGE 3 EAST

Of the Gila and Salt River Base and Meridian,

In the State of ARIZONA

EXECUTED BY

BERT E. WAKEMAN and

DANIEL M. WIER

U. S. TRANSITMEN

Under special instructions dated July 30, 1936, which provided for the surveys included under Group No. 207, bearing the approval of the Commissioner of the General Land Office under date of August 12, 1936 and assignment instructions dated August 12, 1936

Survey commenced September 14, 1936

Survey completed October 15, 1936

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INDEX DIAGRAM.*Township* _____, *Range* _____

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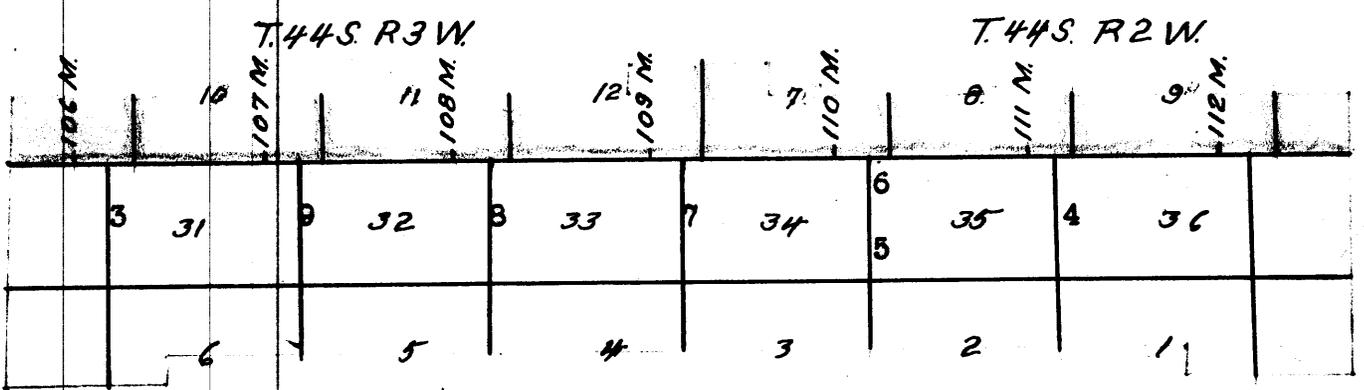
Group 207--Arizona

Fractional Township 42 North, Range 3 East, G. & S.R.B. & M.

INDEX DIAGRAM

BOOK 4126

UTAH



T 41 N. R. 3 E.

-  Accepted surveys.
-  Surveyed under this group.
-  Utah areas surveyed as per accepted plats on file.

Survey: West Boundary, Frac. T. 42 N., R. 3 E.

~~13~~ 3

Chains

The survey of the subdivisions of fractional T. 42 N., R. 3 E. was executed with Young and Sons transits Nos. 8491 and 8540. For description and tests of instruments, description of other equipment and method of survey, see field notes of the subdivision of T. 41 N., R. 2 E., surveyed under this group.

Beginning at the cor. of Ts. 41 and 42 N., Rs. 2 and 3 E., established under this group, and described in the notes of the survey of the W. bdy. of T. 41 N., R. 3 E.

Thence

North, bet. secs. 31 and 36.

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

Desc. 16 ft. over gentle NW. slope.

23.50 Draw, 5 lks. wide, course S. 80° W., asc. 35 ft. over gentle S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to bed rock, and in a md. of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ S\ 36\ | \ S\ 31 \\ 1936 \end{array}$$

from which

A pinyon, 5 ins. diam., brs. S. 45 $\frac{1}{2}$ ° E., 28 lks. dist., mkd. $\frac{1}{4}$ S 31 BT.

A pinyon, 8 ins. diam., brs. N. 15 $\frac{3}{4}$ ° W., 181 lks. dist., mkd. $\frac{1}{4}$ S 36 BT.

Gentle asc. over S. slope.

43.20 Low ridge, brs. NE. and SW., desc. 26 ft. over rolling NW. slope to

58.92 Intersect Utah-Arizona State Bdy.

Set an iron post, 3 ft. long, 3 ins. diam., 16 ins. in the ground, to bedrock, and in a md. of stone to top, for closing cor. of Frac. T. 42 N., Rs. 2 and 3 E., with brass cap mkd.

$$\begin{array}{c} \text{UTAH} \\ S\ 36\ | \ S\ 31 \\ R\ 2E\ | \ R\ 3E \\ T\ 42\ N \\ C\ C \\ 1936 \end{array}$$

from which

A pinyon, 8 ins. diam., brs. S. 54 $\frac{1}{2}$ ° E., 62 lks. dist., mkd. T 42 N R 3 E S 31 CC BT

A pinyon, 14 ins. diam., brs. S. 72° W., 75 lks. dist., mkd. T 42 N R 2 E S 36 CC BT

From point of intersection the 106 mile mon. on state bdy. brs. West, 11.14 chs. dist., a limestone rock, 15 x 6 ins., projecting 20 ins. above the ground, loosely set properly mkd. and witnessed as described in the official record.

Survey: West Boundary, Frac. T. 42 N., R. 3 E.

4.

Chains

From this same point, the closing cor. of secs. 9 and 10, Frac. T. 44 S., R. 3 W., Salt Lake Base and Meridian, Utah, brs. East, 6.41 chs. dist., an iron post, 2 ins. diam., projecting 15 ins. above the ground, firmly set, and mkd. on brass cap

$$\begin{array}{c} \text{U} \\ \text{T } 44\text{S } | \text{R } 3\text{W} \\ \text{S } 9\text{S } | \text{S } 10 \\ \text{C } | \text{C} \\ \text{A} \\ 1912 \end{array}$$

Land, rolling.
Soil, sandy clay, 3rd rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush and cliffrose.
Grass, good.

Survey: Subdivision lines, Frac. T. 42 N., R. 3 E.

Commence the subdivisional survey at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., established under this group and described in the notes of survey of N. bdy. of T. 41 N., R. 3 E.;

Thence

N. 0° 01' W., bet. secs. 35 and 36.

Over nearly level land, thru scattering timber and undergrowth.

- 2.00 Coyote Wash, 100 lks. wide, 3 ft. deep; course N.10° E., (general course N.) Desc. along gentle E. slope.
- 19.30 Wash, 20 lks. wide, course E. (3 chs. to Coyote Wash). gradual desc. along broken E. slope.
- 24.50 Wash, 20 lks. wide, course NE., continue gradual desc. along E. slope.
- 36.80 Coyote Wash, 100 lks. wide, course N.10°W., (general course N.) desc. along gentle W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 35\text{S } | \text{S } 36 \\ 1936 \end{array}$$

from which

A juniper, 5 ins. diam., brs. S.21°E., 101 lks. dist., mkd. $\frac{1}{4}$ S 36 BT

A juniper, 6 ins. diam., brs. S.82°W., 233 lks. dist., mkd. $\frac{1}{4}$ S 35 BT

Continue desc. along gentle W. slope.

- 52.50 Coyote Wash, 60 lks. wide, 6 ft. deep, course NE., desc. along broken E. slope
- 58.78 Wash, 4 lks. wide, course E. (4 chs. to Coyote Wash.)
- 58.81 Intersect Utah-Arizona State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 32 ins. in the ground, for closing cor. of secs. 35 and 36, with brass cap mkd.

Survey: Subdivision lines, Frac. T. 42 N., R. 3 E.

5

chains

UTAH
S 35 | S 36
T 42 N | R 3 E
C C

1936

A juniper, 8 ins. diam., brs. S. 31° E., 87 lks. dist.,
mkd: T 42 N R 3 E S 36 CC BT from which

A juniper limb, 5 ins. diam., brs. S. 29° W., 89 lks.
dist., mkd. T 42 N R 3 E S 35 CC BT

From point of intersection the 111 mile mon. on the state
bdy. brs. West, 11:30 chs. dist., which is a sandstone
rock, 16 x 6 ins., projecting 12 ins. above the ground,
firmly set, properly mkd, and witnessed as described
in the official record.

From this same point the closing cor. of secs. 8 and 9,
Frac. T. 44 S., R. 2 W., Salt Lake Base and Meridian,
Utah, brs. East, 10.74 chs. dist., which is an iron
post, 2 ins. diam., projecting 6 ins. above ground,
firmly set and mkd on brass cap.

U
T 44 S | R 2 W
S 8 | S 9
C C
A

1912

Land, rolling.
Soil, sandy and rocky, 3rd rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush.
Grass, good.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of
the Tp., established under this group and described in
the notes of survey of the N. bdy. of T. 41 N., R. 3 E.

Thence

N. $0^{\circ} 01'$ W., bet. secs. 34 and 35.

Over mountainous land, thru scattering timber and under
growth.

Desc. 77 ft. over steep N. slope.

3.70 Gulch, 10 lks. wide, course E., asc. 83 ft. over steep
N. slope.

8.30 Spur, slopes E., gentle desc. over NE. slope.

13.80 Desc. 108 ft. over steep N. slope.

18.25 Gulch, 10 lks. wide, course NE., asc. 119 ft. over
SE. slope.

26.35 Spur, slopes E., desc. 152 ft. over N. slope.

34.80 Rocky gulch, 12 lks. wide, course E., asc. 104 ft. over
broken SE. slope. to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the
ground, to bed rock, and in a md. of stone to top, for

Survey: Subdivision lines, Frac. T. 42 N., R. 3 E.

6

chains

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

1/4	
S 34	S 35
1936	

from which

A juniper, 8 ins. diam., brs. S. 75 1/2° E., 96 lks. dist., mkd. 1/4 S 35 BT

A juniper, 6 ins. diam., brs. S. 49° W., 38 lks. dist., mkd. 1/4 S 34 BT

Asc. 33 ft. over SE. slope.

43.15 Spur, slopes E., desc. 231 ft. over steep N. slope.

55.05 Gulch, 15 lks. wide, course NE., asc. 60 ft. over steep, rocky SE. slope to

58.70 Intersect Utah-Arizona State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, to bed rock, and in a md. of stone to top, for closing cor. of secs. 34 and 35, with brass cap mkd.

UTAH	
S 34	S 35
T 42N	R 3E
C C	
1936	

No bearing trees available.

From the point of intersection the 110 mile mon. on the state bdy. brs. S. 89° 56' W., (by notes of Utah survey) 10.85 chs. dist., which is a limestone rock, 14 x 12 projecting 20 ins. above the ground, firmly set, properly mkd., and witnessed as described in the official record.

From this same point the closing cor. of secs. 7 and 8, Frac. T. 44 S.; R. 2 W., Salt Lake Base and Meridian, Utah, brs. N. 89° 56' E., 11.03 chs. dist., which is an iron post, 2 ins. diam., projecting 12 ins. above the ground, firmly set, with brass cap mkd.

U	
T 44S	R 2W
S 7	S 8
C C	
A	
1912	

Land, mountainous.
Soil, sandy, rocky, 3rd and 4th rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush and cliffrose.
Grass, fair.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the Tp., established under this group and described in the notes of survey of the N. bdy. of T. 41 N., R. 3 E.

Thence.

N. 0° 02' W., bet. secs. 33 and 34.

Survey: Subdivision lines, Frac. T. 42 N., R. 3 E.

7

chains

Over mountainous land, thru scattering timber, and undergrowth.

3.00 Leave top of spur, slopes N.65°E., desc. 181 ft. over NW. slope.

18.00 Wash, 15 lks. wide, course N75°E., asc. 124 ft. over SE. slope.

25.25 Spur, slopes E., 7 chs. to toe, desc. 36 ft. over NE. slope.

27.00 Ravine, 5 lks. wide, course E., asc. 94 ft. over S. slope.

32.90 Spur, slopes E., desc. 90 ft. over N. slope.

36.10 Ravine, 10 lks. wide, course E., asc. 72 ft. over S. slope to

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

$\frac{1}{4}$
S 33 | S 34

1936

Asc. 71 ft. over S. slope to

58.71 Intersect Utah-Arizona State Bdy.

Set an iron post 3 ft. long, 2 ins. diam., 14 ins. in the ground, over a mkd. cross (+) on bed rock, and in a md. of stone to top, for closing cor. of Secs. 33 and 34, with brass cap mkd.

UTAH
S 33 | S 34
T 42 N | R 3 E
C C

1936

from which

A juniper, 14 ins. diam., brs. S.35 $\frac{3}{4}$ °E., 182 lks. dist., mkd. T 42 N R 3 E S 34 CC BT

A juniper, 9 ins. diam., brs. S.62 $\frac{1}{2}$ °W., 29 lks. dist., mkd. T 42 N R 3 E S 33 CC BT

From the point of intersection the 109 mile mon. brs. N.89°54'W., (by notes of Utah survey) 10,98 chs. dist., which is a limestone rock, 18 x 6 ins., projecting 10 ins. above the ground, firmly set, properly mkd. and witnessed as described in the official record.

From this same point the closing cor. of Frac. T. 44 S., Rs. 2 and 3 W., Salt Lake Base and Meridian, Utah, brs. S.89°54'E., 13.82 chs. dist., which is an iron post, 3 ins. diam., firmly set, with brass cap mkd.

U
T 44 S
R 3 W | R 2 W
S 12 | S 7
C C

1911

1911

chains

Land, mountainous.
Soil, rocky, 3rd and 4th rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush and cliffrose.
Grass, good.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of Tp., established under this group and described in the notes of survey of the N. bdy. of T. 41 N., R. 3 E.

Thence

N. 0° 03' W., bet. secs. 32 and 33.

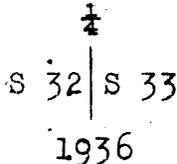
Over rolling land, thru dense timber and scattering undergrowth.

Desc. 55 ft. over gentle NE. slope.

14.97 Old road, brs. NE. and SW.

37.05 Drain, 5 lks. wide, course N.10°E., gentle desc. over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, over a mkd. cross (+) on bed rock, and in a md. of stone to top, for 1/4 sec. cor., with brass cap mkd.



No suitable bearing trees available.

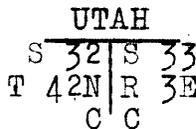
Desc. 18 ft. over NE. slope.

41.80 Ravine, 8 lks. wide, course E., asc. 33 ft. over SE. slope

48.30 Spur, slopes E., desc. 67 ft. over NE. slope to

58.81 Intersect Utah-Arizona State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, over a mkd. cross (+) on bed rock, and in a md. of stone to top, for closing cor. of secs. 32 and 33, with brass cap mkd.



1936

from which

A juniper, 7 ins. diam., brs. S.32°E., 126 lks. dist., mkd. T 42 N R 3 E S 33 CC BT

other
No/suitable bearing tree available.

From the point of intersection the 108 mile mon. on the state bdy. brs. N. 69° 56' W., (by notes of Utah survey) 11.02 chs. dist., which is a limestone rock 12 x 6 ins., projecting 11 ins. above the ground, firmly set, properly mkd. and witnessed as described in the official record.

Survey: Subdivision lines, Frac. T. 42 N., R. 3 E.

Chains

From this same point the closing cor. of secs. 11 and 12, Frac. T. 44 S., R. 3 W., Salt Lake Base and Meridian, Utah, brs. S. $89^{\circ} 56'$ E., 13.58 chs. dist., which is an iron post, 2 ins. diam., firmly set, with brass cap mkd.

	U	
T 44S	R 3W	
S 11	S 12	
C	C	

A		

1911

Land, rolling plateau.
Soil, rocky, 3rd rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush and cliffrose.
Grass, good.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., established under this group and described in the notes of survey of the N. bdy. of T. 41 N., R. 3 E.

Thence

N. $0^{\circ} 03'$ W., bet. secs. 31 and 32.

Over rolling land, thru scattering timber and undergrowth.

1.60 S. edge of basin, desc. 86 ft. over N. slope.

5.40 Bottom of basin, 4.00 chs. diam., asc. 86 ft. over S. slope.

9.90 N. edge of basin, continue over rolling land.

19.00 Begin desc. 57 ft. over gently N. slope.

30.75 Ravine, 5 lks. wide, course N. 25° E., continue desc. 8 ft. along broken E. slope to40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

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

1936

from which

A juniper, 10 ins. diam., brs. N. 61° E., 85 lks. dist., mkd. $\frac{1}{4}$ S 32 BT

A juniper, 12 ins. diam., brs. N. 48° W., 44 lks. dist., mkd. $\frac{1}{4}$ S 31 BT

Asc. 12 ft. over SW. slope.

42.70 Spur, slopes W., 4 chs. to toe, desc. 44 ft. over NW. slope.

48.95 Ravine, 8 lks. wide, course N. 65° E., asc. 75 ft. over SE. slope to

58.85 Intersect Utah-Arizona State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground, over a mkd. cross (x) on bed rock, and in a

Survey: Subdivision lines, Frac. T. 42 N., R. 3 E.

10

chains

md. of stone to top, for closing cor. of secs. 31 and 32 with brass cap mkd.

UTAH			
S	31	S	32
T	42N	R	3E
C	C	C	C

1936

from which

A pinyon, 14 ins. diam., brs. S.61 3/4°E., 72 lks. dist., mkd. T 42 N R 3 E S 32 CC BT

A juniper, 12 ins. diam., brs. S.19 1/2°W., 46 lks. dist., mkd. T 42 N R 3 E S 31 CC BT

From point of intersection the 107 mile mon. on the state bdy. brs., West, 10.62 chs. dist., which is a limestone 12 x 7 ins., projecting 10 ins. above the ground, firmly set, properly mkd. and witnessed as described in the official record.

From this same point the closing cor. of secs. 10 and 11, Frac. T. 44 S., R. 3 W., Salt Lake Base and Meridian Utah, brs. East, 7.14 chs. dist., which is an iron post, 2 ins. diam., firmly set, with brass cap mkd.

U			
T.44S	R.3W	S	11
S	10	S	11
C	C	C	C
A			

1911

Land, rolling plateau.
Soil, rocky, 3rd rate.
Timber, juniper and pinyon.
Undergrowth, sagebrush and cliffrose.
Grass, good.

FINAL TEST OF INSTRUMENTS

For final test of instruments, see field notes of subdivisions of T. 41 N., R. 3 E., surveyed under this group.

GENERAL DESCRIPTION

This fractional township adjoining the Utah-Arizona State Bdy. line is a rolling plateau. The main divide between Johnson Wash and Summit Valley, brs. N. and S., thru the central portion of sec. 31. The drainage of Johnson Wash is westerly and into Kanab Creek. The Summit Valley drainage is north-easterly into Coyote Wash, other tributaries of Coyote Wash drain northeasterly. Coyote Wash crossing the sec. line a number of times, bet. secs. 35 and 36, has a general course north into Paria River. Sec. 36 has a general drainage westerly into Coyote Wash.

The elevation ranges from 5500 ft. above sea level along Coyote Wash to 6500 ft. along the west bdy.

The soil is sandy and rocky, 3rd and 4th rate.

There is a heavy growth of grass and sagebrush covering all of the township, affording good stock grazing.

There is a medium growth of timber over the west half and scattering growth over the east half of the township

which has no commercial value for building purposes, but can be used for fence posts and fuel.

There is no running water or settlers or ranch improvements noted within the township.

The only road traversing the township runs along the divide thru sec. 31, and is used by stockmen.

The nearest postoffice in Arizona is Jacob Lake, which is about 20 miles southwesterly.

The adjoining Utah townships are Frac. T. 44 S., Rs. 2 and 3 W., Salt Lake Base and Meridian.

There is no indication of valuable mineral deposit within the township.

CERTIFICATE OF UNITED STATES SURVEYOR

We, Daniel M. Wier, U.S. Transitman and Bert E. Wakeman, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Arizona bearing date of the 30th day of July, 1936, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those portions of the WEST BOUNDARY and SUBDIVISION LINES of FRACTIONAL TOWNSHIP 42 NORTH, RANGE 3 EAST of the GILA AND SALT RIVER BASE AND Meridian, in the State of ARIZONA which are represented in the foregoing field notes as having been executed by me, and under the direction of Benjamin J. Kinsey, U.S. Surveyor; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Phoenix, Arizona February 23, 1937.

Phoenix, Arizona May 17, 1937.

Bert E. Wakeman U.S. Transitman Daniel M. Wier U.S. Transitman

APPROVAL

U.S. Transitman

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado, June 21, 1937.

The foregoing field notes of the survey of the WEST BOUNDARY and SUBDIVISION LINES of FRACTIONAL TOWNSHIP 42 NORTH, RANGE 3 EAST of the Gila and Salt River Base and Meridian, in the state of Arizona, executed by Bert E. Wakeman and Daniel M. Wier, U. S. Transitmen under his special instructions dated July 30, 1936, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys