

4-679
(April 1933)

BOOK 4123

FIELD NOTES

of the SURVEY of

WEST BOUNDARY

and

SUBDIVISION LINES

of

FRACTIONAL TOWNSHIP 42 NORTH, RANGE 2 EAST

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Bert E. Wakeman, U.S. Transitman

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 17, 1936

Survey completed September 24, 1936

4123

4123

INDEX DIAGRAM.

Township _____, Range _____

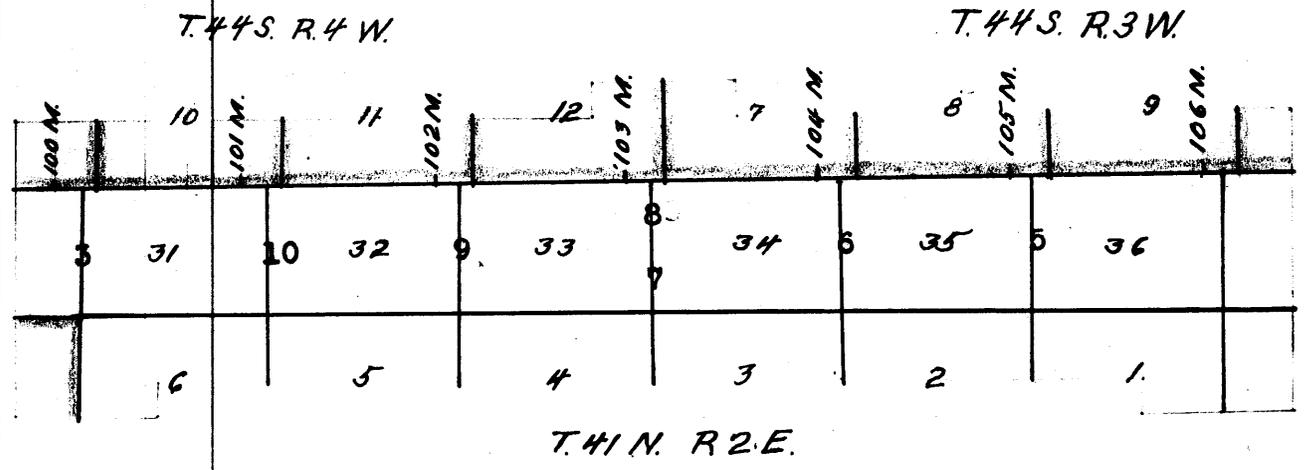
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Fractional Township 42 North, Range 2 East, G. & S.R.B. & M.

INDEX DIAGRAM

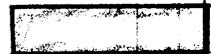
BOOK 4123

UTAH



Accepted surveys.

Surveyed under this group.



Arizona areas surveyed as per accepted plats on file.



Utah areas surveyed as per accepted plats on file.

Survey: West Bdy., Frac. T.42 N., R. 2 E.,

Chains

The survey of T. 42 N., R. 2 E., was executed with a Young and Son's transit No. 8491.

For description and test of instrument, description of other equipment and method of survey, see field notes of the subdivisions of T. 41 N., R. 2 E., surveyed under this group.

Beginning at the cor. of Ts. 41 and 42 N., Rs. 1 and 2 E., which is an iron post, 3 ins. diam., projecting 12 ins. above the ground, firmly set, properly mkd. on brass cap and witnessed by 4 pinyon trees, properly mkd., bearing

N. $66\frac{1}{2}^{\circ}$ E., 59 lks. dist.,
S. $10\frac{1}{2}^{\circ}$ E., 108 lks. dist.,
S. $61\frac{1}{2}^{\circ}$ W., 154 lks. dist., and
N. $64\frac{1}{2}^{\circ}$ W., 158 lks. dist.,

thence

North, bet. secs. 31 and 36.

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

Along broken W. slope.

- 3.10 Wash, course W.
8.10 Old road brs. E. and W.
15.00 Asc. 12 ft. over SE. slope.
20.00 Point of spur slopes NE.; desc. 22 ft. over N. slope.
22.40 Junction of drains from NE. and SE., course NW.; asc. 16 ft. over S. slope.
25.00 Desc. gradually over W. slope.
36.30 Ravine, 4 lks. wide, course NW.; asc. 15 ft. over SW. slope.
38.00 Point of spur, slopes W.; desc. 6 ft. over NW. slope to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 3 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.

$\frac{1}{4}$
 S 36 | S 31
 1936

from which

A juniper, 5 ins. diam., brs. N. $64\frac{1}{2}^{\circ}$ E., 73 lks. dist., mkd. $\frac{1}{4}$ S 31 BT

A juniper, 6 ins. diam., brs. N. 18° W., 93 lks. dist., mkd. $\frac{1}{4}$ S 36 BT

Desc. 35 ft. over NW. slope to closing cor.

- 45.00 Leave scattering timber, brs. NE. and SW.
59.84 Intersect Utah-Arizona State Bdy.

Survey: West Bdy., Frac. T. 42 N., R. 2 E.

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for closing cor. of Frac. T. 42 N., Rs. 1 & 2 E., with brass cap mkd.

UTAH	
S 36	S 31
T 42 N	
R 1 E	R 2 E
CC	
1936	

5 ft. base, 3 ft. high, 5 ft. S. of cor. raise a mound of stone

Old road brs. E. and W. thru this point.

From closing cor., a large mound of rock on Rocky Butte brs. N. 55½° W., approx. 6 miles dist.

From point of intersection the 100 mile mon. on State Bdy. brs. S. 89° 58' W., 10.94 chs. dist.; an iron post, 2 ins. diam., projecting 24 ins. above the ground, firmly set, properly mkd. on brass cap, and witnessed as described in official record.

From the same point the closing cor. of Frac. secs. 9 and 10, Frac. T. 44 S., R. 4 W., Salt Lake Base and Meridian, Utah, brs. N. 89° 58' E., 6.45 chs. dist.; an iron post 2 ins. diam. projecting 10 ins. above the ground, firmly set and mkd. on brass cap

U	
T 44 S	R 4 W
S 9	S 10
C C	
A	

1936

Land, rolling.
Soil, sandy and gravelly, 3rd rate.
Timber, juniper.
Undergrowth, sage brush.
Grass, good.

Chains

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 notes of survey of N. bdy. of T. 41 N., R. 2 E.,

Thence

N. 0° 01' W., bet. secs. 35 and 36.

Over gently rolling land thru scattering undergrowth.

Desc. 78 ft. over N. slope.

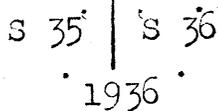
7.57 Rocky gulch, 6 lks. wide, course NW.; asc. 60 ft. over S. slope to

10.26 Point of spur, slopes W. Thence along broken W. slope.

20.26 Asc. 24 ft. over SW. slope.

30.26 Spur, slopes W.; desc. 29 ft. over N. slope.

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.



from which

A pinyon, 6 ins. diam. brs. S. 43° E., 46 lks. dist., mkd. $\frac{1}{4}$ S 36 BT.

A pinyon, 10 ins. diam. brs. S. 48 $\frac{1}{2}$ ° W., 29 lks. dist., mkd. $\frac{1}{4}$ S 35 BT

Desc. 41 ft. over N. slope.

45.00 Drain, course NW.; asc. 10 ft. over SW. slope.

49.50 Spur slopes NW.; desc. 10 ft. over N. slope.

54.00 Desc. 10 ft. over E. slope to

58.92 Intersect Utah-Arizona State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground, with md. of stone to top, for closing cor. of secs. 35 and 36, with brass cap mkd.



1936

from which

A pinyon, 12 ins. diam. brs. S. 42 $\frac{1}{2}$ ° E., 25 lks. dist., mkd. T. 42. N R 2 E S 36 CC BT,

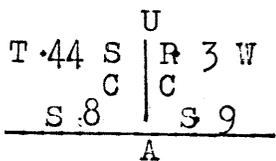
A pinyon, 10 ins. diam. brs. S. 75 $\frac{1}{2}$ ° W., 36 lks. dist., mkd. T 42 N R 2. E S 35 CC BT.

Survey: Subdivision lines, Frac. T. 42 N., R. 2 E.

6.

Chains

From point of intersection the 105 mile mon. on State Bdy. brs. West 10.74 chs. dist; a limestone rock, 10 x 12 ins. projecting 8 ins. above ground, loosely set, properly mkd. and witnessed as described in official record. From this same point the closing cor. of secs. 8 and 9, Frac. T. 44 S., R. 3 W., Salt Lake Base and Meridian, Utah, brs. East 6.42 chs. dist.; an iron post 2 ins. diam., projecting 12 ins. above the ground; firmly set in md. of stone to top, mkd. on the brass cap



1936

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

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

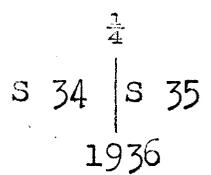
Thence

N. 0° 01' W., bet. secs. 34 and 35.

Over rolling land thru scattering timber and dense undergrowth.

Desc. 68 ft. over N. slope.

- 7.72 Gulch, 5 lks. wide, course W.; asc. 28 ft. over SW. slope.
- 11.00 Point of spur, course W.; desc. 15 ft. over NW. slope.
- 13.80 Gulch, 4 lks. wide, course W.; asc. 30 ft. over SW. slope.
- 20.20 Spur, slopes W.; desc. 227 ft. over N. slope.
- 34.20 Bottom of canyon, 10 lks. wide, course W.; asc. 173 ft. over S. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground with md. of stone to top, for 1/4 sec. cor. with brass cap mkd.



from which

A pinyon, 12 ins. diam. brs. N. 80 1/2° E., 100 lks. dist., mkd. 1/4 S 35 BT.

A pinyon, 5 ins. diam. brs. N. 42° W., 6 lks. dist., mkd. 1/4 S 34 BT.

Asc. 7 ft. over S. slope.

Survey: Subdivision lines, Frac. T. 42 N., R. 2 E.

7.

Chains

- 42.80 Top of ridge, desc. 36 ft. over NE. slope.
- 49.98 Gulch, 5 lks. wide, course W.; asc. 27 ft. over S. slope.
- 54.66 Spur, slopes W.; desc. 16 ft. over N. slope.
- 59.07 Intersect Utah-Arizona State bdy.

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

UTAH	
S. 34	S. 35
T 42 N	R 2 E
CC	

1936

from which

A pinyon, 7 ins. diam. brs. S. $52\frac{1}{2}^{\circ}$ E., 28 lks. dist., mkd. T 42 N R 2 E S 35 CC BT.

A pinyon, 6 ins. diam. brs. S. $34\frac{1}{2}^{\circ}$ W., 34 lks. dist., mkd. T 42 N R 2 E S 34 CC BT.

From point of intersection the 104 mile mon. on State Bdy. brs. West 10.52 chs. dist.; a limestone rock, 40 x 15 ins. projecting 12 ins. above ground, firmly set in a md. of stone, properly mkd., and witnessed as described in official record.

From this same point the closing cor. of secs. 7 and 8, Frac. T. 44 S., R. 3 W., Salt Lake Base and Meridian, Utah, brs. East 6.23 chs. dist.; an iron post, 2 ins. diam., projecting 18 ins. above the ground, firmly set in md. of stone to top, mkd. on the brass cap

U	
T 44 S	R 3 W
S 7	S 8
CC	
A	

1912

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

From cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. established under this group and described in notes of survey of N. bdy. of T. 41 N., R. 2 E.

Thence

N. $0^{\circ} 02'$ W. bet. secs. 33 and 34.

Over gently rolling land thru scattering timber and dense undergrowth; desc. 3 ft. over N. slope.

- 2.50 Drain 250 lks. wide, course NW. Thence over rolling W. slope.

Survey: Subdivision lines, Frac. T. 42 N., R. 2 E.

Chains

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp. established under this group and described in notes of survey of N. bdy. of T. 41 N., R. 2 E.

Thence

N. 09° 03' W. bet. secs. 32 and 33.

Over gently rolling land, thru scattering timber and dense undergrowth; asc. 2 ft. over S. slope.

2.10 Spur, slopes W.; desc. 104 ft. over N. slope.

36.50 Gulch, 10 lks. wide, course NW.; asc. 6 ft. over SW. slope

40.00 Top of spur, slopes W.

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

$\frac{1}{4}$
 S 32 | S 33
 1936

from which

A juniper, 6 ins. diam., brs. N. 88° E., 116 lks. dist., mkd $\frac{1}{4}$ S 33 BT

A juniper, 6 ins. diam. brs. S. 86° W., 98 lks. dist., mkd $\frac{1}{4}$ S 32 BT

Desc. 15 ft. over W. slope

59.51 Intersect Utah-Arizona State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, and in a md. of stone to top, for closing cor. of secs. 32 and 33, with brass cap mkd.

UTAH
 S 32 | S 33
 T 42 N | R 2 E
 CC

1936

from which

A pinyon, 10 ins. diam. brs. S. 63 $\frac{1}{2}$ ° E., 137 lks. dist., mkd. T 42 N R 2 E S 33 CC BT

A pinyon, 10 ins. diam. brs. S. 79 $\frac{1}{4}$ ° W., 53 lks. dist., mkd. ARIZ. 102 M BT

From point of intersection the 102 mile mon. on State Bdy. brs. West 10.32 chs. dist.; a limestone rock 10 x 16 ins. projecting 15 ins. above the ground firmly set, properly mkd. from which

Old bearing tree:

A Cedar 4 ins. diam., brs. S. 10° W. 55 lks. dist. properly marked

New bearing tree:

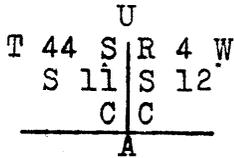
A pinyon, 10 ins. diam., brs. S. 60 $\frac{1}{4}$ ° W. 152 lks. dist. marked ARIZ. 102 M BT

From this same point the closing cor. of secs. 11 and 12

Survey: Subdivision lines, Frac. T.42 N., R. 2 E.

Chains

Frac. T. 44 S., R. 4 W., Salt Lake Base and Meridian, Utah, brs. East 6.35 chs. dist.; an iron post 2 ins. diam. projecting 15 ins. above the ground, firmly set, and mkd. on brass cap



1912

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

From cor. of secs. 5, 6, 31 and 32, on the S. bdy. of Tp. established under this group and described in notes of survey of N. bdy. of T. 42 N., R. 2 E.

Thence

N. 0° 03' W., bet. secs. 31 and 32.

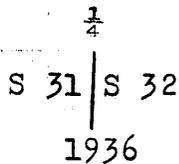
Over gently rolling land thru scattering timber, and dense undergrowth; desc. 9 ft. over W. slope.

9.20 Ravine, course NW.; desc. 18 ft. over W. slope.

25.00 Drain, 50 lks. wide, course W.; asc. 12 ft. over SW. slope.

35.00 Low spur, slopes W.; desc. 13 ft. over N. slope to

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



from which

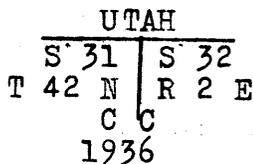
A pinyon, 6 ins. diam., brs. S. 16 $\frac{1}{2}$ ° E., 29 lks. dist., mkd. $\frac{1}{4}$ S 32 BT

A pinyon, 6 ins. diam., brs. S. 88 $\frac{1}{2}$ ° W., 56 lks. dist., mkd. $\frac{1}{4}$ S 31 BT

Desc. 17 ft. over NW. slope.

59.68 Intersect Utah-Arizona State Bdy.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground and in a md. of stone to top, for closing cor. of secs. 31 and 32, with brass cap mkd.



from which

A juniper, 8 ins. diam.; brs. S. 62 $\frac{1}{2}$ ° E., 379 lks. dist., mkd. T 42 N R 2 E S 32 CC BT

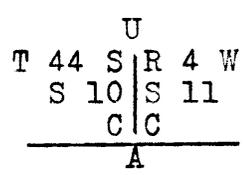
Survey: Subdivision lines, Frac. T. 42 N., R. 2 E.

Chains

A juniper, 6 ins. diam. brs. S. 60 1/4° W., 211 lks. dist., mkd. T 42 N R 2 E S 31 CC BT.

From point of intersection the 101 mile mon. on State Bdy. brs. West 10.21 chs. dist.; a limestone rock 7 x 14 ins. projecting 12 ins. above the ground, firmly set, properly mkd., and witnessed as described in official record.

From this same point the closing cor. of secs. 10 and 11, Frac. T. 44 S., R. 4 W., Salt Lake Base and Meridian, Utah, brs. East 6.59 chs. dist.; an iron post, 2 ins. diam., projecting 12 ins. above the ground, firmly set and mkd. on brass cap



1912

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

FINAL TEST OF INSTRUMENT

Sept. 27, 1936, At camp in sec. 15, T. 41 N., R. 2 E., at 9h 00m a.m. app. t., set off 36°56' N., on the lat. arc 1° 43' S. on the decl. arc and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

At 3h 00m p.m. app. t., with the lat. arc unchanged, set off 1°49' S on the decl. arc and repeat the test of the solar, the line of sight agrees with the meridian established by Polaris observation.

GENERAL DESCRIPTION

This fractional township adjoining the Utah-Arizona State Bdy. line, is rolling, draining northwesterly, into the Johnson Wash, which drains into Kanab Creek.

The elevation ranges from 5500 ft. above sea level along the West Bdy., to 6500 ft. along the East Bdy.

The soil is sandy and rocky, 2nd and 3rd rate.

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

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

The only road, known as the Old Mormon Road crosses section 32, southeasterly to Lee's Ferry and northwesterly to Kanab, Utah. This road is now practically abandoned.

The nearest postoffice in Arizona, is Fredonia, which is about 18 miles southwesterly and the nearest postoffice in Utah, is Kanab, which is about the same distance northwesterly.

The adjoining Utah townships are Frac. T. 44 S., R's. 3 and 4 W., Salt Lake Base and Meridian.

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

CERTIFICATE OF UNITED STATES SURVEYOR.

I, 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 these parts or portions of the West Boundary and Subdivision Lines of Fractional Township 42 North, Range 2 East of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in of Benjamin J. Kinsey, U.S. Surveyor; the foregoing field notes as having been executed by me, and under my direction, and that all the corners of the 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.

Bert E. Wakeman U.S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES 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 2 East of the Gila and Salt River Base and Meridian, in the State of Arizona

executed by Bert E. Wakeman, U. S. Transitman under special instructions dated July 30th, 1936, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

[Signature] 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.