

Book "E" 4153

4-679  
(April 1933)

BOOK 4153

# FIELD NOTES

of the

RETRACEMENT

of

Part of East Boundary of T. 10 N., R. 4 W.

RESURVEY of

Part of South Boundary of T. 11 N., R. 4 W.

and

SURVEY of

Subdivision Lines of

Township 10 North, Range 4 West

and

Part of East Boundary of Township 10 North, Range 5 West

Of the Gila and Salt River Meridian,

In the State of Arizona

## EXECUTED BY

Benjamin J. Kinsey and Roger F. Wilson, Surveyors

and

Albert Greene, Transitman (P.W.)

Under special instructions dated October 5, 1934, which provided for the surveys included under Group No. 206, Arizona, bearing the approval of the Commissioner of the General Land Office under date of December 14, 1934 February 4, 1936 and and assignment instructions dated May 13, 1937.

Retracement, Resurvey and Survey commenced April 29, 1936

Retracement, Resurvey and Survey completed May 28, 1937

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# INDEX DIAGRAM.

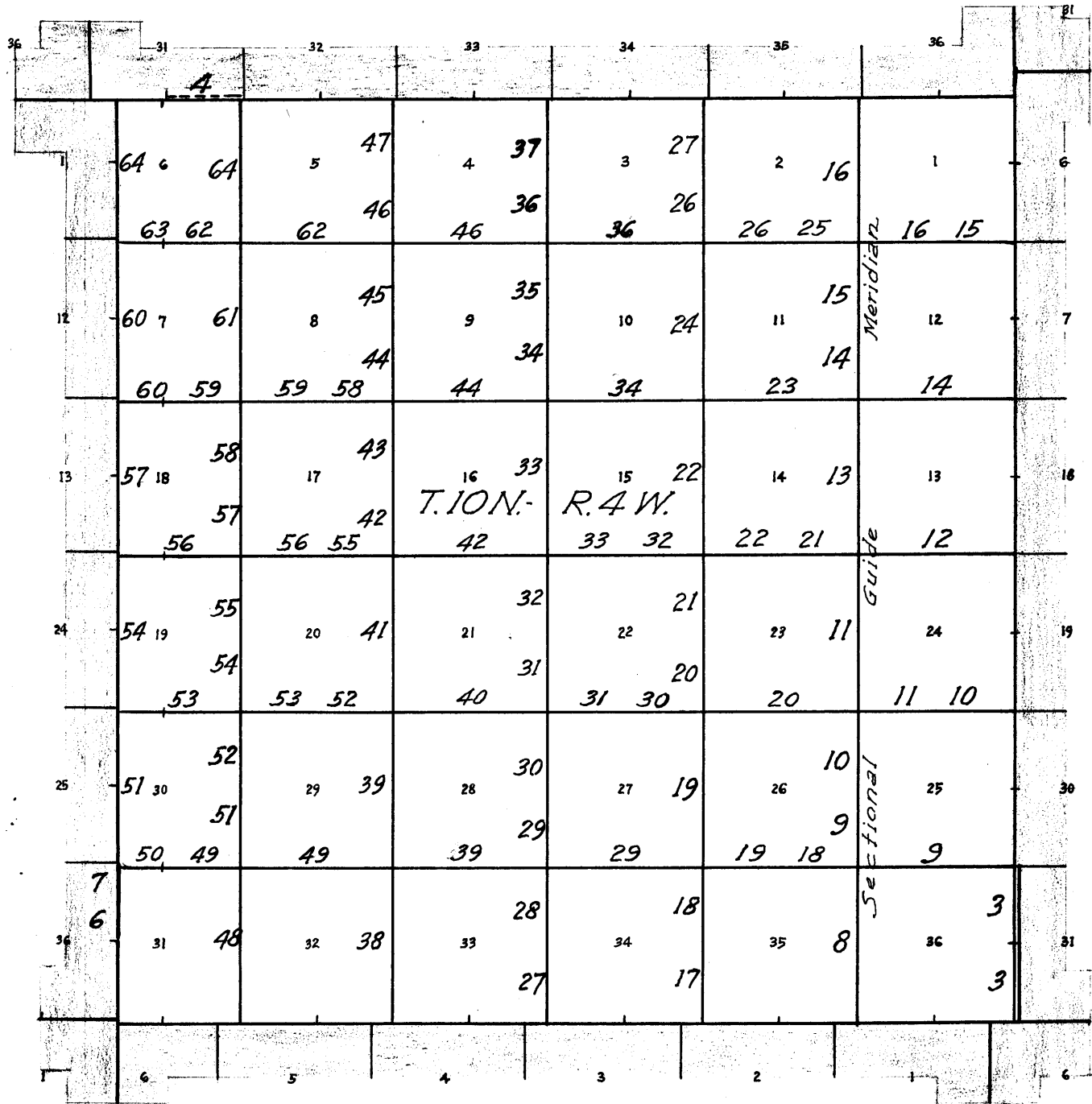
*Township* \_\_\_\_\_, *Range* \_\_\_\_\_






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# INDEX-DIAGRAM.

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-  Lines of accepted surveys.
-  Lines retraced under this group.
-  Lines resurveyed under this group.
-  Lines surveyed under this group.
-  Areas surveyed as per accepted plats on file.

The retracements, resurveys and surveys herein described were executed by Benjamin J. Kinsey, Roger F. Wilson, Surveyors, and Albert Greene, Transitman (P.W.) using Buff transits Nos. 18,000 and 23,829, and Young & Sons transit No. 8570, respectively. The instruments are each equipped with the Smith solar and otherwise conform to the standard requirements of the General Land Office.

PRELIMINARY FIELD TEST OF  
BUFF TRANSIT No. 18,000  
BY  
BENJAMIN J. KINSEY, SURVEYOR

April 29, 1936: at station at the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32, T. 10 N., R. 4 W., G. & S.R.B. & M., Arizona, in latitude  $34^{\circ}10\frac{1}{2}'N.$  and longitude  $112^{\circ}42'W.$ , (approximate) examine the adjustments of the transit and find no errors. Then to test the workings of the solar apparatus with a true meridian established by observation upon Polaris, proceed as follows:

April 30: at 5h.10m., a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions and marking the mean point in the line thus determined by a tack set in top of a peg, driven firmly in the ground about 5 chs. North.

Azimuth of Polaris at eastern elongation:  $1^{\circ}15'22''$ .

Daylight: lay off the azimuth of Polaris,  $1^{\circ}15\frac{1}{2}'$  to the west and mark the meridian thus determined by a tack set in top of a peg, driven firmly in the ground about 5 chs. North.

At 9h.00m., a.m., app.t., set off  $34^{\circ}10\frac{1}{2}'N.$  on the lat. arc,  $14^{\circ}52'N.$  on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

At app. noon, with lat. arc unchanged, observe the sun on the meridian; the resultant reading of the declination arc is  $14^{\circ}54\frac{1}{2}'N.$ , which agrees with the computed declination of the sun.

At 3h.00m., p.m., app.t., with lat. arc unchanged, set off  $14^{\circ}57'N.$  on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations, taken during the usual hours of solar work, agree within 1' of the true meridian, conclude that the instrument is in satisfactory condition.

All measurements are made with a steel tape, 5 chains in length, compared with a Lufkin standard and found correct. The measurements are made on the slope, the vertical angles determined with clinometer and slope measurements properly reduced to true horizontal distances.

2.

PRELIMINARY FIELD TEST OF BUFF  
TRANSIT No. 23,829 BY  
ROGER F. WILSON, SURVEYOR

May 17, 1937: at transit point near the  $\frac{1}{4}$  sec. cor. of secs. 26 and 27, T. 11 N., R. 4 W., G. & S.R.B. & M., Arizona, in latitude  $34^{\circ}16'N.$ , and longitude  $112^{\circ}39'W.$ , determined from data furnished with the special instructions, I find by comparison with radio time signal, that my watch is 30m.36s. fast of local mean time.

At same station, at 7h.50m., 42s., p.m., watch time, I make an hour angle observation upon Polaris west of the meridian; two each with telescope in direct and reversed positions, reading the horizontal deflection angles from a flag on a yucca stalk on skyline about one mile southwest.

Local mean time of observation: 7h.20m.06s. p.m.

Mean horizontal angle from Polaris to flag on yucca stalk  $117^{\circ}37'30''N-W-S.$

Azimuth of Polaris:  $0^{\circ}47'30''W.$

True bearing of flag on yucca stalk = S.  $61^{\circ}35'W.$

May 18, 1937: at 9h.00m., a.m., app.t., set off  $34^{\circ}16'N.$ , on lat. arc.  $19^{\circ}34'N.$  on decl. arc and determine a meridian with the solar which agrees with the true meridian.

At app. noon, with lat. arc unchanged, observe the sun on the meridian; the resultant reading of the decl. arc is  $19^{\circ}35\frac{1}{2}'N.$ , which agrees with the computed declination of the sun.

At 3h.00m., p.m., app.t., with lat. arc unchanged, set off  $19^{\circ}37\frac{1}{2}'N.$ , on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations, taken during the usual hours of solar work agree within 1' of the true meridian, conclude that the instrument is in a satisfactory state of adjustment.

All measurements are made with a Lallie steel tape, 5 chs. in length, compared with a Lufkin standard and found correct. The measurements are made on the slope, the vertical angle determined with clinometer and slope measurements properly reduced to true horizontal equivalents for entry in the field notes.

PRELIMINARY FIELD TEST OF  
YOUNG & SONS TRANSIT NO. 8570  
BY  
ALBERT GREENE, TRANSITMAN (P.W.)

On the same meridian as described above, on same date and at same hours determine meridians with the solar attachment which agree in each case with the true meridian. I conclude therefore, that the instrument is in a satisfactory state of adjustment.

## Retracement of Part of East Bdy. of T. 10 N., R. 4 W.

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3.

## Chains

The East Bdy. of T. 10 N., R. 4 W. was surveyed in 1925 by G.F.Sawyer, U. S. Surveyor, establishing common reference cors. at 40 ch. intervals counting from the South.

No retracement or resurvey of any part of this Tp. bdy. is of record. The following notes describe a retracement of one mile of said Tp. bdy., bet. secs. 36 and 31.

The topography being found to agree substantially with that given in the record of the survey, the same is omitted from the following notes of retracement.

The cor. of Ts. 10 N., Rs. 3 and 4 W. is an iron post, 3 ins. in diam., projecting 8 ins. above ground, firmly set, properly marked on brass cap, and witnessed by a mound of stone N. of cor.

Thence

North, on random line, bet. secs. 31 and 36 (S.  $\frac{1}{2}$ ).

39.90 A point 20 lks. West of orig.  $\frac{1}{4}$  sec. cor. which is an iron post, 1 in. in diam. projecting 26 ins. above ground, firmly set in ground and mound of stone and marked on brass cap as described in the official records.

The true course and distance of S.  $\frac{1}{2}$  of line bet. secs. 31 and 36, are therefore N.  $0^{\circ}17'E.$ , 39.90 chs.

Thence,

North on random line, bet. secs. 31 and 36 (N.  $\frac{1}{2}$ ).

40.00 A point 30 lks. West of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. in diam., projecting 22 inches above ground, firmly set in ground and mound of stone and marked on brass cap as described in the official record.

The true course and distance of N.  $\frac{1}{2}$  of line bet. secs. 31 and 36, are therefore N.  $0^{\circ}26'E.$ , 40.00 chs.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, oak, mahogany and cacti.

## Resurvey of Part of the South Boundary of T. 11 N., R. 4 W.

4.

Chains

The West one mile of the South Bdy. of T. 11 N., R. 4 W. was surveyed in 1871 by O.H. Case, U. S. Deputy Surveyor. The remainder of the township boundary was surveyed in 1925 by Wesson Cook, U. S. Transitman, establishing corners referring to areas N. of line only at 40 chain intervals counting from the East. The West half of South bdy. of sec. 31, was resurveyed in 1916 by C.M. Pidgeon, U.S. Surveyor. No other retracements or resurveys of this township boundary are of record.

The following notes describe a resurvey of the East half of South Bdy. of sec. 31 accompanied by a description of the reestablishment of the North  $\frac{1}{4}$  sec. cor. of Sec. 6, T. 10 N., R. 4 W. at 40 chains in west departure from closing cor. of sections 5 and 6 of same township.

RETRACEMENT FOR RESURVEY.

From the cor. of secs. 31 and 32,

West on random line on S. bdy. of sec. 31 (E.  $\frac{1}{2}$ ).

39.38 A point 51 lks. North of the orig.  $\frac{1}{4}$  sec. cor. which is a malapai stone 10x8x6 ins. marked  $\frac{1}{4}$  and firmly set in a small mound of stone.  
True course and dist. of E.  $\frac{1}{2}$  of S. bdy. of sec. 31, are therefore S. 89°16'W., 39.38 chs.

RESURVEY

The cor. of secs. 31 and 32 is an iron post, 2 ins. in diam. projecting 18 ins. above ground firmly set in ground and mound of stone and marked on brass cap as described in the official record.

At a point 7 lks. North of cor. is the cor. of a 4 strand barbed wire fence extending N. and W.

From section cor.

S. 89°16'W. on true line on S. bdy. of sec. 31 (E.  $\frac{1}{2}$ ).

Over rolling and mountainous land, thru dense undergrowth parallel to barbed wire fence about 10 lks. North of line.

Descend 226 ft. over NW. slope.

28.90 Rocky wash 12 lks. wide, course NW. Ascend 107 ft. over NE. slope.

35.65 Spur slopes NW. Desc. 30 ft. over SW. slope to

39.38 Intersect the orig.  $\frac{1}{4}$  sec. cor. of secs. 6 and 31, hereinbefore described.

Reconstruct this cor. monument and alter its reference to the  $\frac{1}{4}$ 's of sec. 31 only, as follows:

Remove the mound of stone and the marked cor. stone and in same place set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground, reset orig. cor. stone alongside iron post and raise a mound of stone 4 ft. base,  $1\frac{1}{2}$  ft. high, around post for  $\frac{1}{4}$  sec. cor. of sec. 31 only with brass cap marked

$\frac{1}{4}$  S31

1937

## Resurvey of Part of the South Boundary of T. 11 N., R. 4 W.

5.

## Chains

A barbed wire fence bearing E. and W. is 33 lks. North of this cor.

At a point 3.88 chs. N.  $89^{\circ}13'W$ . of this cor. being a point on the W.  $\frac{1}{2}$  of S. bdy. of sec. 31, 40.00 chs. in west departure from the closing cor. of secs. 5 and 6, reestablish the N.  $\frac{1}{4}$  sec. cor. of sec. 6, T. 10 N., R. 4 W. as follows:

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground and raise a mound of stone 4 ft. base,  $1\frac{1}{2}$  ft. high, around post for  $\frac{1}{4}$  sec. cor. of sec. 6 only, with brass cap marked

$\frac{1}{4}$  S6

1937

Barbed wire fence bearing E. and W. is 22 lks. North of this cor.

Land, rolling and mountainous.

Soil, sandy and rocky, 3rd and 4th rate.

Timber, none.

Undergrowth, scrub oak, mescal, catclaw and cacti.







8.

Chains

The East boundary of this township being defective in alinement, the first meridional section line is surveyed due North as Sectional Guide Meridian.

From the cor. of secs. 35 and 36, on S. bdy. of the Tp. which is an iron post, 2 ins. in diam., projecting 36 ins. above ground, firmly set in a mound of stone, with brass cap marked as described in the official record.

North, bet. secs. 35 and 36, on Sectional Guide Meridian.

Over mountainous land, through scattering timber and dense undergrowth.

Desc. 52 ft. over NE. slope.

2.35 Rocky wash, 5 lks. wide, course E.; asc. 162 ft. over S. slope.

6.70 Short spur, slopes E.; desc. 67 ft. over NE. slope.

10.30 Rocky wash, 5 lks. wide, course E.; asc. 175 ft. over SE. slope.

20.00 Desc. slightly over NE. slope.

23.15 Head of wash, course SE.; asc. 253 ft. over SW. slope to

34.00 Asc. 234 ft. over S. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 5x5x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$   
S35 | S36  
1936

No bearing trees available.

Asc. 62 ft. over steep S. slope.

41.80 S. edge of top of ridge, bears E. and W. A butte, about 50 ft. high, bears W. about 5 chs. dist. Thence across nearly level top of ridge.

49.70 N. edge of top of ridge bears NE. and SW. Leave top of ridge. Desc. 116 ft. over N. slope.

58.55 Wash, near head, drains NW. A saddle in ridge, bears SE. 2 chs. dist. Asc. 77 ft. over SW. slope.

69.50 Spur, slopes NW.; desc. 234 ft. over N. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, with a stone 5x5x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 25, 26, 35 and 36, with brass cap marked

T10N | R4W  
S26 | S25  
S35 | S36  
1936

No bearing trees available.

Survey: Subdivision of T. 10 N., R. 4 W.

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9.

Chains

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, along the washes in the  $\frac{1}{2}$  mile there is a scattering growth of cottonwood, oak and mesquite. Elsewhere there is no timber.  
Undergrowth, oakbrush, catclaw and cacti.

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

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.70 Intersect E. bdy. of Tp. at 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 2 ins. in diam., projecting 22 ins. above ground, firmly set in ground and mound of stone, with brass cap marked as described in the official record.

Thence

N.  $89^{\circ}58'W.$  on true line, bet. secs. 25 and 36.

Over mountainous land, through scattering undergrowth.

Desc. 72 ft. over NW. slope.

6.80 Wash, 5 lks. wide, course NE.; asc. 399 ft. over NE. slope to

40.70 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, with a stone 1x3x5 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4} \frac{S25}{S36}$

1936

Asc. 57 ft. over NE. slope.

50.70 Spur, slopes N. Desc. 352 ft. over NW. and N. slopes to

80.70 The cor. of secs. 25, 26, 35 and 36.

Land, mountainous.  
Soil, rocky 4th rate.  
Timber, none.  
Undergrowth, oakbrush, laurel, catclaw and cacti.

North, bet. secs. 25 and 26, on Sectional Guide Meridian.

Over mountainous land, through dense undergrowth.

Desc. 247 ft. over N. slope.

16.50 Wash, 5 lks. wide, course NW.; asc. 23 ft. over SW. slope.

23.40 Spur, slopes NW.; desc. 147 ft. over NE. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4} \frac{S26}{S25}$

1936

## Survey: Subdivision of T. 10 N., R. 4 W.

10

Chains

No bearing trees available.

Desc. 6 ft. over NE. slope.

42.00 Spring Creek, 100 lks. wide, (dry) course SE. Asc. 250 ft. over SW. slope.

72.40 Ridge, bears NW. and SE.; branch spur extends SW. about 10 chs. dist. thence S. 10°W. Desc. 145 ft. over N. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 23, 24, 25 and 26, with brass cap marked

TLON	R4W
S23	S24
S26	S25

1936

No bearing trees available.

Land, mountainous.

Soil, rocky 4th rate.

Timber, along Spring Creek there are scattered clumps of scrub oak, cottonwood and mesquite.

Undergrowth, oakbrush, catclaw and cacti.

S. 89°58'E. on a random line, bet. secs. 24 and 25.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

81.09 Intersect East bdy. of Tp. at 16 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 2 ins. in diam., projecting 9 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor. From this cor.

U.S.L.M. No. 2551 bears N. 2°00'E., 25.03 chs. dist.

Thence, from sec. cor.

S. 89°55'W., on true line, bet. secs. 24 and 25.

Over mountainous land, through scattering undergrowth.

Asc. 122 ft. over NE. slope.

7.70 Spur, slopes N. A butte, 50 ft. high, and on E. and W. ridge, bears south about 2 chs. dist.

Desc. 159 ft. over NW. slope to swale.

13.70 Wire fence, bears NE. and SW.

22.85 Swale, drains N.; asc. 123 ft. over E. slope.

35.00 Spur, slopes N.; desc. 60 ft. over W. slope.

40.00 Swale, drains N.; asc. 12 ft. over E. slope to

41.09 Spur slopes N.

Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 3x5x8 ins., marked

Chains	<p>with a cross (x) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4} \frac{S24}{S25}</math></p> <p style="text-align: center;">1936</p> <p>Desc. 65 ft. over W. slope.</p> <p>45.90 Swale, drains N., asc. 204 ft. over E. slope.</p> <p>54.80 Spur, slopes N.; desc. 65 ft. over W. slope.</p> <p>61.10 Swale, drains N.; asc. 130 ft. over E. slope.</p> <p>70.80 Spur, slopes N.; desc. 129 ft. over W. and NW. slopes to</p> <p>81.09 The cor. of secs. 23, 24, 25 and 26.</p> <p>Land, mountainous. Soil, rocky 4th rate. Timber, very scattering oak, cottonwood and mesquite along the larger washes. Undergrowth, oakbrush, catclaw and cacti.</p>
	<p>North, bet. secs. 23 and 24 on Sectional Guide Meridian.</p> <p>Over mountainous land, through scattering undergrowth.</p> <p>Desc. 23 ft. over N. slope, across burned-over area.</p> <p>5.20 Wash, 5 lks. wide, course east; spring bears east about 6 chs. dist.; an old fence post line bears E. and W. Asc. slight S. slope.</p> <p>8.00 Low spur slopes E. Desc. N. slope.</p> <p>16.20 Wash, 25 lks. wide, course NE.; asc. gradual S. slope.</p> <p>18.35 Low spur, slopes E.; desc. slight N. slope.</p> <p>20.50 Large draw, drains E.; asc. 36 ft. over S. slope.</p> <p>25.20 Small spur, slopes SE.; desc. 27 ft. over NE. slope.</p> <p>30.25 Small wash, course E.; asc. 78 ft. over SE. slope to</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <p style="text-align: center;"><math>\frac{1}{4}</math></p> <p style="text-align: center;">S23   S24.</p> <p style="text-align: center;">1936</p> <p>Asc. 42 ft. over rocky SE. slope.</p> <p>47.15 Granite spur, slopes E.; desc. 128 ft. over N. slope.</p> <p>52.25 Wash, 50 lks. wide, course E.; asc. 99 ft. over rocky S. slope.</p> <p>63.85 Top of spur, 3 chs. wide, slopes SE.; desc. 97 ft. over rocky N. slope.</p> <p>74.85 Wash, 10 lks. wide, course SE.; asc. 22 ft. over SW. slope to</p>

## Survey: Subdivision of T. 10 N., R. 4 W.

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Chains

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock, with a stone 5x5x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T10N	R4W
S14	S13
S23	S24

1936

Land, mountainous.  
Soil, rocky 4th rate.  
Timber, none.  
Undergrowth, oakbrush, catclaw and cacti.

N. 89°55'E., on a random line, bet. secs. 13 and 24.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.96 Intersect the E. bdy. of the Tp. at 30 lks. N. of the cor. of secs. 13, 18, 19 and 24, which is an iron post 2 ins. in diam., projecting 10 ins. above ground, firmly set with brass cap marked as described in the official record and witnessed by a mound of stone W. of cor.

Thence,

N. 89°52'W. on true line, bet. secs. 13 and 24.

Over mountainous land, through scattering undergrowth.

Asc. 194 ft. over NE. slope.

11.00 Ridge bears NW. and SE.; desc. 200 ft. over SW. slope.

28.56 Wash, 10 lks. wide, course S.; asc. 44 ft. over E. slope.

35.60 Point of spur, slopes S.; desc. 44 ft. over SW. slope to

40.96 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S13
	S24

1936

This cor. is in bottom of canyon, 50 lks. wide, course SE. Asc. 80 ft. over NE. slope.

44.90 Point of spur, slopes N.; desc. 34 ft. over NW. slope.

56.51 Wash, 20 lks. wide, course NE.; asc. 38 ft. over E. slope.

59.45 Small spur, slopes SE.; desc. 54 ft. over SW. slope.

63.75 Wash, 15 lks. wide, course SE.; asc. 62 ft. over NE. slope.

74.85 Ridge, bears NW. and SE.; desc. 25 ft. over SW. slope to

80.96 The cor. of secs. 13, 14, 23 and 24.

Land, mountainous.  
Soil, rocky 4th rate.

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 150

13

Chains	<p>Timber, a few cottonwood and scrub oaks along the larger washes. Undergrowth, oakbrush, catclaw and cacti.</p> <hr/> <p>North, bet. secs. 13 and 14, on Sectional Guide Meridian. Over mountainous land, through dense undergrowth. Asc. 18 ft. over SW. slope.</p> <p>1.60 Ridge, bears NW. and SE. Desc. 90 ft. over NE. slope.</p> <p>20.30 Wash, 30 lks. wide, course E.; asc. gradually over S. slope.</p> <p>26.90 Spur, slopes E.; desc. 20 ft. over N. slope.</p> <p>30.50 Wash, 10 lks. wide, course E.; asc. 25 ft. over S. slope.</p> <p>35.45 Spur, slopes E.; desc. 25 ft. over N. slope.</p> <p>38.20 Wash, 40 lks. wide, course E.; asc. 25 ft. over S. slope to</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 3x3x4 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math>\frac{1}{4}</math>  <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S14</td> <td style="padding: 0 5px;">S13</td> </tr> <tr> <td colspan="2" style="text-align: center;">1936</td> </tr> </table> </div> <p>Asc. 375 ft. over S. slope.</p> <p>67.80 Ridge, bears E. and W.; desc. 258 ft. over N. and NE. slopes to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the ground to bedrock, with a stone 4x3x2 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 11, 12, 13 and 14, with brass cap marked</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T10N</td> <td style="padding: 0 5px;">R4W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S11</td> <td style="padding: 0 5px;">S12</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S14</td> <td style="padding: 0 5px;">S13</td> </tr> </table> <p>1936</p> </div> <p>This cor. is near head of a draw, course NE.</p> <p>Land, mountainous. Soil, rocky. 4th rate. Timber, a few cottonwoods, scrub oaks and mesquites along the larger washes. Undergrowth, oakbrush, catclaw and cacti.</p> <hr/> <p>S. 89°52'E. on a random line, bet. secs. 12 and 13.</p> <p>40.00 Set temp. <math>\frac{1}{4}</math> sec. cor.</p> <p>80.70 Intersect E. bdy. of Tp. at 16 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post 2 ins. in diam. projecting 8 ins. above ground, firmly set, marked on brass cap as described in the official record and witnessed by a mound of stone W. of cor.</p>	S14	S13	1936		T10N	R4W	S11	S12	S14	S13
S14	S13										
1936											
T10N	R4W										
S11	S12										
S14	S13										



## Survey: Subdivision of T. 10 N., R. 4 W.

14

Chains

Thence,

N. 89°59'W. on true line, bet. secs. 12 and 13.

Over mountainous land, through scattering undergrowth.

Asc. 85 ft. over NE. slope.

6.60 Spur, slopes N.; desc. 90 ft. over W. slope.

16.00 Swale, drains N.; asc. 253 ft. over E. slope.

34.70 Spur, slopes N.; desc. 52 ft. over NW. slope to

40.70 Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to bedrock, with a stone 4x4x2 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{S12}{S13}$$

1936

Desc. 10 ft. over NW. slope.

49.20 Small draw, course NE.; asc. 50 ft. over E. slope.

55.90 Spur, slopes N.; desc. 53 ft. over NW. slope.

64.10 Wash, 5 lks. wide, course NE.; asc. 40 ft. over SE. slope.

66.70 Point of spur, slopes S.; desc. 10 ft. over SW. slope.

68.00 Wash, 5 lks. wide, course SE.; (same as crossed at 64.10 ch. sta.). Asc. 105 ft. over NE. slope to

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

Land, mountainous.

Soil, rocky 4th rate.

Timber, scrub oak and cottonwood in the larger draws.

Undergrowth, oakbrush, catclaw and cacti.

North, bet. secs. 11 and 12 on Sectional Guide Meridian.

Over mountainous land, through scattering undergrowth.

Asc. 40 ft. over SE. slope.

4.70 Spur, slopes E.; desc. 35 ft. over N. slope.

13.80 Spur, slopes E.; desc. 41 ft. over N. slope.

18.40 Wash, 40 lks. wide, course E.; asc. 226 ft. over SE. slope to  $\frac{1}{4}$  sec. cor.

21.15 Trail, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 1x3x10 ins., marked with a cross (x) deposited at base, and in a mound of stone to top for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \begin{array}{c} | \\ S11 \quad | \quad S12 \end{array}$$

1936

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4188

15

Chains	Asc. 29 ft. over S. slope.						
41.90	Spur, slopes SE.; another short spur extends E.; a butte 65 ft. above line point, bears SW. about 3.50 chs. dist. Desc. 507 ft. over steep, broken N. slope.						
60.00	Blackwater Creek, 50 lks. wide, course E. for about 4 chs. thence NE.) Asc. 156 ft. over S. slope.						
70.30	Spur, slopes E.; desc. 62 ft. over N. slope.						
72.10	Wash, 5 lks. wide, course E.; asc. 154 ft. over SE. slope to						
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, with a stone 4x6x8 ins., marked with a cross (x) deposited at base, and in a mound of stone to top for cor. of secs. 1, 2, 11 and 12, with brass cap marked						
	<table border="1"> <tr> <td>T10N</td> <td>R4W</td> </tr> <tr> <td>S2</td> <td>S1</td> </tr> <tr> <td>S11</td> <td>S12</td> </tr> </table>	T10N	R4W	S2	S1	S11	S12
T10N	R4W						
S2	S1						
S11	S12						
	1936						
	Land, mountainous. Soil, rocky 4th rate. Timber, none. Undergrowth, oakbrush, laurel, manzanita, catclaw and cacti.						
	S. 89°59'E. on a random line, bet. secs. 1 and 12.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
80.83	Intersect E. bdy. of Tp. at 2 lks. S. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, 2 ins. in diam., projecting 24 ins. above ground firmly set in ground and mound of stone, with brass cap marked as described in the official record.						
	Thence						
	West, on a true line, bet. secs. 1 and 12.						
	Over mountainous land, through scattering undergrowth.						
	Asc. 27 ft. over SE. slope.						
5.60	Spur, slopes S.; desc. 127 ft. over SW. slope.						
14.73	A butte, 20 ft. high, bears S. 60°W.						
20.43	Saddle in ridge, bears NE. and W.; asc. 60 ft. over E. slope.						
25.65	Spur, slopes S.; desc. 79 ft. over SW. slope.						
30.63	Butte, bears N. about 2 chs. dist. (about 60 ft. above line point.)						
34.45	Spur, slopes S.; desc. 132 ft. over W. slope to						
40.83	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to bedrock, with a stone 2x3x4 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked						

## Survey: Subdivision of T. 10 N., R. 4 W.

16

Chains

$$\frac{1}{4} \frac{S1}{S12}$$

1936

- Desc. 39 ft. over W. slope.
- 42.75 Wash, 30 lks. wide, course SW.; asc. 48 ft. over SE. slope.
- 46.50 Point of spur, slopes S.; desc. 40 ft. over SW. slope.
- 48.55 Wash, 30 lks. wide, course S.; asc. 168 ft. over SE. slope to
- 60.35 Thence over E. slope, ascending gradually to
- 66.85 Spur, slopes S.; extends 10 chs. S. to bend in Blackwater Creek; desc. 60 ft. over W. slope.
- 69.75 Wash, 20 lks. wide, course S.; asc. 203 ft. over SE. slope to
- 80.83 The cor. of secs. 1, 2, 11 and 12.

Land, mountainous.  
Soil, rocky 4th rate.  
Timber, none.  
Undergrowth, oakbrush, laurel, manzanita, catclaw and cacti.

North, bet. secs. 1 and 2, on Sectional Guide Meridian.  
Over mountainous land, through scattering undergrowth.  
Asc. 341 ft. over SE. slope.

- 16.30 Top of rocky butte; desc. 123 ft. over broken N. slope.
- 31.60 Wash, 10 lks. wide, course E.; asc. 75 ft. over S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4}$$

$$S2 \quad | \quad S1$$

1936

- Asc. 15 ft. over S. slope.
- 42.20 Spur, slopes SE.; desc. 37 ft. over vertical sandstone bluff, bearing NW. and SE., facing NE.
- 43.25 Wash, 20 lks. wide, course SE.; asc. 37 ft. over vertical bluff bearing NW. and SE. facing SW.
- 43.30 Top of bluff; asc. 121 ft. over SW. slope.
- 51.10 Spur, slopes SE.; desc. 20 ft. over NE. slope.
- 54.60 Wash, 10 lks. wide, course SE.; asc. 430 ft. over S. slope.
- 64.70 Ridge, bears E. and W. (west 12 chs., thence SW.); desc.

Chains	192 ft. over N. slope to																		
73.08	<p>Intersect N. bdy. of Tp.          At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for closing cor. of secs. 1 and 2, with brass cap marked</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T11N</td><td>R4W</td></tr> <tr><td colspan="2">S35</td></tr> <tr><td>S2</td><td>S1</td></tr> <tr><td colspan="2">CC</td></tr> <tr><td>T10N</td><td>R4W</td></tr> </table> <p>1936</p> </div> <p style="text-align: center;">from which</p> <p>the cor. of secs. 35 and 36, T. 11 N., R. 4 W., bears E. 1.10 chs. dist., which is an iron post, 2 ins. in diam., projecting 8 ins. above ground, firmly set, with brass cap marked as described in the official record and witnessed by a mound of stone N. of cor.</p> <p>Add markings on brass cap to read</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T11N</td><td>R4W</td></tr> <tr><td>S35</td><td>S36</td></tr> <tr><td colspan="2">S1</td></tr> <tr><td>T10N</td><td>R4W</td></tr> </table> <p>1925-36</p> </div> <p>Land, mountainous.          Soil, rocky 4th rate.          Timber, very scattering oak.          Undergrowth, oakbrush, catclaw and cacti.</p>	T11N	R4W	S35		S2	S1	CC		T10N	R4W	T11N	R4W	S35	S36	S1		T10N	R4W
T11N	R4W																		
S35																			
S2	S1																		
CC																			
T10N	R4W																		
T11N	R4W																		
S35	S36																		
S1																			
T10N	R4W																		
	<p>From the cor. of secs. 34 and 35, on S. bdy. of the Tp., which is an iron post 2 ins. in diam., projecting 18 ins. above ground, firmly set in ground and mound of stone, with brass cap marked as described in the official record.</p> <p>N. 0°01'W., bet. secs. 34 and 35.</p> <p>Over mountainous land, through very scattering timber and scattering undergrowth.</p> <p>Desc. 57 ft. over NW. slope to</p>																		
2.35	Head of ravine, course N. 10°W.; desc. 165 ft. over NW. slope to																		
18.25	<p>Wash, 5 lks. wide, course NW.          A spring in bottom of same ravine, bears NW. 7 chs. dist.          A spring in bottom of another ravine, course NE. bears NW. 12 chs. dist.</p> <p>Asc. 84 ft. over SW. slope to</p>																		
24.20	Thence along W. slope on top of spur sloping W.																		
29.10	Leave top of spur; desc. 157 ft. over NW. slope to																		
40.00	Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked																		

Survey: Subdivision of T. 10 N., R. 4 W.

18.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \hline S34 \quad | \quad S35 \\ \hline 1936 \end{array}$$

No bearing trees available; raise a mound of stone 4 ft. base, 2 ft. high, W. of cor.

Desc. 14 ft. over NW. slope.

41.50 Wash, 15 lks. wide, course N. 10°E., from SW. Thence ascend gradually over rolling E. slope.

68.00 Low spur, slopes E. Desc. 42 ft. over NE. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, with a stone 4x4x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 26, 27, 34 and 35, with brass cap marked

$$\begin{array}{c} T10N \quad | \quad R4W \\ \hline S27 \quad | \quad S26 \\ \hline S34 \quad | \quad S35 \\ \hline 1936 \end{array}$$

No bearing trees available.

Land, mountainous.

Soil, rocky 4th rate.

Timber, very scattering cottonwood and mesquite.

Undergrowth, oak, laurel, catclaw and cacti.

East, on a random line, bet. secs. 26 and 35.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

79.86 Intersect the cor. of secs. 25, 26, 35 and 36.

Thence,

West, on a true line, bet. secs. 26 and 35.

Over mountainous land, through very scattering timber and dense undergrowth.

Desc. 10 ft. over N. slope.

3.20 Short spur, slopes NW.; desc. 32 ft. over SW. slope.

7.50 Swale, drains NW.; asc. over gradual NE. slope.

11.50 Spur, slopes NW.; desc. 152 ft. over W. slope to

20.00 Desc. 49 ft. over NW. slope to

39.93 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor.; with brass cap marked

$$\begin{array}{c} \frac{1}{4} \quad S26 \\ \hline S35 \\ \hline 1936 \end{array}$$

No bearing trees available.

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4155  
19

Chains	<p>Desc. 11 ft. over NW. slope.</p> <p>41.15 Wash, 15 lks. wide, in bottom of draw, course NE.; asc. 241 ft. over SE. slope.</p> <p>58.00 Spur, slopes NE.; desc. 131 ft. over W. slope.</p> <p>71.60 Wash, 15 lks. wide, course N.; asc. 41 ft. over NE. slope to</p> <p>79.86 The cor. of secs. 26, 27, 34 and 35.</p> <p>Land, mountainous. Soil, rocky 4th rate. Timber, cottonwood, mesquite and oak. Undergrowth, oakbrush, catelaw, cacti and laurel.</p> <hr/> <p>N. 0°01'W. bet. secs. 26 and 27.</p> <p>Over mountainous land, through scattering timber and undergrowth.</p> <p>Desc. 42 ft. over NE. slope.</p> <p>18.10 Wash, 10 lks. wide, course E.; asc. 58 ft. over SE. slope.</p> <p>30.50 Spur, slopes SE.; desc. 16 ft. over NE. slope.</p> <p>32.75 Wash, course E. (heads 4 chs. NW.); asc. 86 ft. over SE. slope.</p> <p>38.50 Spur, slopes SE.; desc. 8 ft. over NE. slope to</p> <p>40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with stone 2x3x5 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math>\frac{1}{4}</math>                             S27   S26                             1936         </div> <p>No bearing trees available.</p> <p>Asc. 34 ft. over SE. slope.</p> <p>55.45 Spur, slopes E.; desc. 106 ft. over NE. slope.</p> <p>71.40 Wash, 30 lks. wide, course SE.; asc. 128 ft. over SW. slope to</p> <p>80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, with a stone 4x4x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 22, 23, 26 and 27, with brass cap marked</p> <div style="text-align: center;"> <table border="1"> <tr> <td>T10N</td> <td>R4W</td> </tr> <tr> <td>S22</td> <td>S23</td> </tr> <tr> <td>S27</td> <td>S26</td> </tr> </table> <p>1936</p> </div> <p>No bearing trees available.</p> <p>Land, mountainous. Soil, rocky 4th rate.</p>	T10N	R4W	S22	S23	S27	S26
T10N	R4W						
S22	S23						
S27	S26						

Chains	
	Timber, oak and cottonwood in the larger washes. Undergrowth, oakbrush, catclaw and cacti.
	East, on a random line, bet. secs. 23 and 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect the cor. of secs. 23, 24, 25 and 26.
	Thence,
	West, on true line, bet. secs. 23 and 26.
	Over mountainous land, through very scattering timber and dense undergrowth.
	Desc. 17 ft. over N. slope to
7.00	Low ridge, bears NW. and SE. Desc. 20 ft. over SW. slope.
18.20	Wash, 12 lks. wide, course SE.; asc. 59 ft. over E. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S23}{S26}$
	1936
	Asc. 254 ft. over E. slope.
66.25	Spur, slopes S.; desc. 96 ft. over SW. slope.
71.00	Swale, drains S.; asc. 108 ft. over SE. slope.
76.30	Spur, slopes S.; desc. 96 ft. over SW. slope to
80.00	The cor. of secs. 22, 23, 26 and 27.
	Land, mountainous. Soil, rocky 4th rate. Timber, very scattering cottonwood, oak and mesquite. Undergrowth, oakbrush, laurel, manzanita and cacti.
	N. 0°01'W. bet. secs. 22 and 23.
	Over mountainous land, through very scattering timber and dense undergrowth.
	Asc. 130 ft. over SW. slope.
8.70	Point of short spur, slopes W.; desc. 44 ft. over NW. slope.
16.70	Small wash, course SW.; asc. 276 ft. over SE. slope.
39.00	Top of knoll, 1 ch. diam. on line; saddle bears E. 2 chs. dist. Desc. slightly over NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 4x4x2 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4153

21

Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S22} \quad | \quad \text{S23} \\ | \\ 1936 \end{array}$$

No bearing trees available.

Desc. 159 ft. over NW. slope.

47.60 Shallow draw, drains W.; ascend slightly over SW. slope.

50.20 Top of ascent; a pass bears W. about 8 chs. dist. Desc. 150 ft. over N. slope.

73.70 Shallow wash, course SE.; asc. gradually over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, with a stone 2x4x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 14, 15, 22 and 23, with brass cap marked

$$\begin{array}{c} \text{TLON} \quad | \quad \text{R4W} \\ \text{S15} \quad | \quad \text{S14} \\ \hline \text{S22} \quad | \quad \text{S23} \\ | \\ 1936 \end{array}$$

No bearing trees available.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, oak, cottonwood and mesquite.

Undergrowth, oakbrush, laurel, manzanite, catclaw and cacti.

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

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.10 Intersect N. and S. line at 9 lks. N. of cor. of secs. 13, 14, 23 and 24.

Thence,

N. 89°56'W., on true line, bet. secs. 14 and 23.

Over mountainous land, through scattering timber and dense undergrowth. Desc. 20 ft. over SW. slope.

3.70 Head of drain, course S.; asc. 46 ft. over SE. slope.

14.40 Spur slopes S.; desc. 16 ft. over SW. slope.

16.00 Wash, 10 lks. wide, course SE.; asc. 62 ft. over SE. slope to

40.05 Spur, slopes S.

Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked
$$\frac{1}{4} \frac{\text{S14}}{\text{S23}}$$

1936



## Survey: Subdivision of T. 10 N., R. 4 W.

22

Chains	
	No bearing trees available. Desc. 28 ft. over SW. slope.
47.60	Wash, 30 lks. wide, course SE.; asc. 63 ft. over SE. slope.
52.50	Spur, slopes SE.; desc. 17 ft. over W. slope.
55.50	Wash, 10 lks. wide, course S.; asc. 93 ft. over E. slope.
68.60	Spur, slopes S., desc. 23 ft. over SW. slope to
76.70	Thence along S. slope.
80.10	The cor. of secs. 14, 15, 22 and 23. Land, mountainous. Soil, rocky 4th rate. Timber, oak, cottonwood and mesquite. Undergrowth, oakbrush, manzanita, catclaw and cacti.
	N. 0°01'W., bet. secs. 14 and 15. Over mountainous land, through scattering timber and undergrowth. Asc. 72 ft. over S. slope.
10.00	Spur, slopes E.; desc. 69 ft. over N. slope.
17.15	Wash, 12 lks. wide, course N. 80°E.; asc. 68 ft. over S. slope.
22.40	Spur, slopes E. from NW.; desc. 15 ft. over NE. slope.
30.10	Drain, course E.; asc. 25 ft. over S. slope.
34.30	Ridge, bears E. and W.; desc. 40 ft. over N. slope.
39.80	Head of wash/course NE.; asc. slightly over SE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 15 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked  $\frac{1}{4}$ S15   S14 1936
	No bearing trees available. Asc. 6 ft. over SE. slope.
41.40	Spur, slopes NE.; desc. 20 ft. over NW. slope.
43.20	Wash, 20 lks. wide, course NE.; asc. 17 ft. over SE. slope.
49.80	Spur, slopes NE.; desc. 43 ft. over broken NE. slope.
62.90	Wash, 10 lks. wide, course E.; asc. 42 ft. over SE. slope.
72.00	Spur, slopes E.; desc. 50 ft. over NE. slope.

## Chains

- 76.70 Wash, 15 lks. wide, course SE.; asc. gradually over S. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 15 ins. in the ground to bedrock, with stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top for cor. of secs. 10, 11, 14 and 15, with brass cap marked

T10N	R4W
S10	S11
S15	S14

1936

No bearing trees available.

Land, mountainous.

Soil, rocky 4th rate.

Timber, oak, mesquite, and cottonwood along the larger washes.

Undergrowth, oakbrush, laurel, manzanita, catclaw and cacti.

S. 89°56'E. on a random line, bet. secs. 11 and 14.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.14 Intersect N. and S. line at 2 lks. S. of cor. of secs. 11, 12, 13 and 14.

Thence,

N. 89°55'W., on true line bet. secs. 11 and 14.

Over mountainous land, through scattering timber and dense undergrowth.

Asc. 21 ft. over SE. slope.

- 4.20 Spur, slopes NE. for 5 chs. thence E.; desc. 71 ft. over NW. slope.
- 13.40 Head of wash, course NE.; asc. 104 ft. over broken E. slope.
- 38.00 Spur, slopes NE.; desc. gradually over NW. slope to
- 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, with stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S11}{S14}$$

1936

No bearing trees available.

Desc. 80 ft. over broken W. slope.

- 57.73 Small wash, 5 lks. wide, course S.; asc. 21 ft. over E. slope.
- 61.30 Spur, slopes S.; desc. 34 ft. over W. slope.
- 65.20 Wash, 30 lks. wide, course S.; asc. 81 ft. over E. slope.

## Survey: Subdivision of T. 10 N., R. 4 W.

24

Chains	
72.30	Spur, slopes SE.; desc. 24 ft. over SW. slope to
80.14	The cor. of secs. 10, 11, 14 and 15. Land, mountainous. Soil, rocky 4th rate. Timber, cottonwood, oak and mesquite along the larger washes. Undergrowth, oakbrush, manzanita, laurel, catclaw and cacti.
	N. 0°01'W. bet. secs. 10 and 11. Over mountainous land, through dense undergrowth. Asc. 33 ft. over S. slope.
7.50	4-strand wire fence, bears E. and W.; enter Lange's pasture, on spur, slopes SE.; desc. 49 ft. over NE. slope.
9.10	Wash, 40 lks. wide, course E.; ascend 152 ft. over SE. slope.
28.56	Trail, bears NE. and SW.
29.96	Bend in same trail, from NE. and SE.
31.83	Flat top of ridge, 3 chs. wide, bears NW. and SE.; desc. 54 ft. over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to bedrock, with a stone 2x3x4 ins., marked with a cross (x) deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked  $\begin{array}{c} \frac{1}{4} \\ \text{S10} \quad   \quad \text{S11} \\ \text{1936} \end{array}$
	Desc. 123 ft. over NE. slope.
45.31	Same trail, bears NW. and SE.
47.43	Wash, 30 lks. wide, course E.; asc. 44 ft. over S. slope.
48.97	Wire fence, 4 strand, bears NW. and SE.
49.60	Ridge, bears E. and W.; desc. 55 ft. over NE. slope.
52.60	Blackwater Creek, wash 50 lks. wide, with small stream of water in center of same, course E. Asc. 40 ft. over S. slope.
53.50	Cabin, 8x5 ft., bears W. 1 ch. dist. Enter orchard, bears E. and W.
53.80	South edge of Charles Lange's house, on line, size 12x24 ft. Barn bears W. about $3\frac{1}{2}$ chs. dist. Cabin, 8x9 ft. bears E. 120 lks. dist.
54.46	Wire fence, bears E. and W.; leave orchard. Enter pasture.
55.99	Trail, bears E. and W., on low spur, slopes SE.; desc. 10 ft. over NE. slope.
59.47	Wash, 20 lks. wide, course SE.; asc. 135 ft. over SW.

Chains

slope.

63.52 Trail, bears NW. and SE.

64.99 Same trail, bears NE. and SW.

67.47 Same trail, bears NW. and SE.

73.77 Spur, slopes SE. Wire fence, 3 strand, bears NW. and SE. Leave pasture. Desc. 14 ft. over NE. slope.

78.70 Draw, course SE.; asc. 14 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, with a stone 3x4x5 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 2, 3, 10 and 11, with brass cap marked

TLON	R4W
S3	S2
S10	S11

1936

from which

A granite boulder, exposed 5x6x2 ft. above ground, bears S. 73 1/4° E., 29 lks. dist., marked (cross) X BR S11.

No bearing trees available.

Land, mountainous.

Soil, rocky 4th rate.

Timber, a few cottonwoods, mesquites and oaks.

Undergrowth, oakbrush, mahogany, laurel, catclaw and cacti.

S. 89° 55' E., on a random line; bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

80.18 Intersect N. and S. line at 9 lks. S. of cor. of secs. 1, 2, 11 and 12.

Thence,

N. 89°59' W.; on true line, bet. secs. 2 and 11.

Over mountainous land, through very scattering timber and dense undergrowth.

Asc. 47 ft. over SE. slope.

2.60 Point of spur, slopes S.; desc. 53 ft. over SW. slope.

5.05 Wash, 15 lks. wide, course S.; asc. 208 ft. over E. slope.

15.10 Point of spur, slopes S.; desc. 28 ft. over SW. slope.

21.00 Draw, course SE.; asc. 60 ft. over E. slope.

28.80 Point of spur, slopes SE.; desc. 134 ft. over SW. slope.

36.30 Wash, 20 lks. wide, course S. 10° E.; asc. 68 ft. over E. slope to

40.09 Set an iron post, 3 ft. long, 1 in. in dian., 18 ins. in the ground to bedrock, with a stone 5x5x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked

## Survey: Subdivision of T. 10 N., R. 4 W.

26

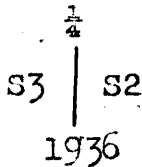
Chains	$\frac{1}{4}$ $\frac{S2}{S11}$
	1936
	from which
	A black oak, 6 ins. diam., bears S. 41° E., 26 lks. dist., marked $\frac{1}{4}$ S11 BT.
	No other bearing tree available.
	Asc. 26 ft. over E. slope.
48.30	Point of spur, slopes SE.; desc. 107 ft. over SW. slope.
53.25	Wash, 20 lks. wide, course SE.; asc. 114 ft. over SE. slope.
59.42	Point of spur, slopes SE.; desc. 64 ft. over SW. slope.
64.05	Wash, 20 lks. wide, course SE.; asc. 17 ft. over NE. slope.
65.90	Point of spur, slopes S.; desc. 13 ft. over SW. slope.
68.20	Wash, 20 lks. wide, course SE.; asc. 155 ft. over NE. slope.
79.00	Point of spur, slopes SE.; desc. slightly over SW. slope to
80.18	The cor. of secs. 2, 3, 10 and 11.
	Land, mountainous. Soil, rocky 4th rate. Timber, cottonwood, mesquite and oak. Undergrowth, oakbrush, catclaw and cacti.
	N. 0°01'W., bet. secs. 2 and 3.
	Over mountainous land, through very scattering timber and scattering undergrowth.
	Asc. gradually over SW. slope.
1.00	Spur, slopes SE.; desc. 132 ft. over NE. slope.
3.35	Wash, 30 lks. wide, course E.; asc. 95 ft. over S. slope.
5.55	Point of spur, slopes SE.; desc. 21 ft. over NE. slope.
8.55	Wash, 25 lks. wide, course SE.; asc. 128 ft. over S. slope.
12.55	Spur, slopes E.; desc. 15 ft. over NE. slope.
17.00	Asc. 336 ft. over broken E. and SE. slopes to $\frac{1}{4}$ sec. cor.
22.80	Trail, bears NE. and SW.; (to Lange's house from Arastra Creek.)
26.45	Same trail, bears NW. and SE.
29.30	Same trail, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 432

Chains

stone to top, for 1/4 sec. cor., with brass cap marked



Asc. 21 ft. over SE. slope.

41.26 Desc. 13 ft. over NE. slope.

44.15 Head of draw, drains SE. Asc. 451 ft. over S. slope.

55.70 Ridge, bears NE. and W.; desc. 261 ft. over steep N. slope.

63.65 Wash, 20 lks. wide, course E.; asc. 169 ft. over S. slope.

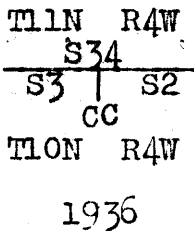
66.92 Spur, slopes E.; desc. gradually over NE. slope.

69.42 Wash, 10 lks. wide, course E.; asc. 6 ft. over SE. slope to

71.75 Low spur slopes NE.; desc. slightly over NW. slope to

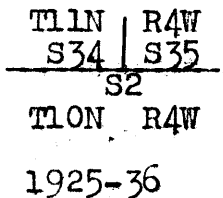
73.13 Intersect N. bdy. of Tp.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for closing cor. of secs. 2 and 3, with brass cap marked



from which

the cor. of secs. 34 and 35, T. 11 N., R. 4 W., bears E. 1.07 chs. dist., which is an iron post, 2 ins. diam. projecting 18 ins. above ground, firmly set, in ground and mound of stone, marked on brass cap as described in the official record. Add markings on brass cap to read:



Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, oak and cottonwood.  
Undergrowth, oakbrush, catclaw and cacti.

From the cor. of secs. 33 and 34, on S. bdy. of the Tp., which is an iron post, 2 ins. in diam., projecting 10 ins. above ground, firmly set with brass cap marked as described in the official record and witnessed by a mound of stone N. of cor.

N. 0°01'W., bet. secs. 33 and 34.

Over mountainous land, through dense undergrowth.

Survey: Subdivision of T. 10 N., R. 4 W.

28

Chains							
	Asc. 15 ft. over SW. slope.						
3.00	Spur, slopes W. from SE.; desc. 124 ft. over N. slope.						
8.50	Wash, 10 lks. wide, in botton of gulch, course N. 80°W. Asc. 111 ft. over S. slope.						
13.40	Intersect S. side line (1-2) of GOLDEN STAR, patented lode mining claim, Min. Sur. No. 1422, at a point 2.33 chs. N. 88°15'W. from Cor. No. 2 thereof identical with Cor. No. 1 of GOLD STANDARD patented lode claim of same mineral survey. Thence across patented mineral land.						
14.60	Spur, slopes W. for 5 chs., then SW.; desc. 54 ft. over N. slope.						
16.20	Ravine, 5 lks. wide, course W.; asc. 547 ft. over S. slope.						
17.30	Trail, bears NW. to end of road about 20 chs. dist., and SE. to divide.						
22.06	Intersect N. side line (3-4) of GOLD STANDARD patented lode mining claim, Min. Sur. No. 1422 at a point 48 lks. N. 83°16'E. from Cor. No. 4 thereof identical with Cor. No. 3 of GOLDEN STAR patented lode claim of same mineral survey. Leave patented mineral land.						
35.50	Spur, slopes SW.; desc. 178 ft. over NW. slope to $\frac{1}{4}$ sec. cor.						
36.80	Vertical cliff, 20 ft. high, bears NE. and SW. facing NW.						
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 2x2x4 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked						
	$\frac{1}{4}$ S33   S34 1936						
	Desc. 81 ft. over NW. slope.						
47.30	Wash, 5 lks. wide, course SW.; asc. 396 ft. over SE. and S. slopes.						
48.30	Trail, bears SW. to end of road.						
63.30	Spur, slopes W.; desc. 279 ft. over N. slope.						
71.60	Head of ravine, drains W.; asc. 174 ft. over SW. slope to						
80.00	Set an iron post, 3 ft. long; 2 ins. in diam., 27 ins. in the ground for cor. of secs. 27, 28, 33 and 34, with brass cap marked						
	<table border="1"> <tr> <td>T10N</td> <td>R4W</td> </tr> <tr> <td>S28</td> <td>S27</td> </tr> <tr> <td>S33</td> <td>S34</td> </tr> </table> 1936	T10N	R4W	S28	S27	S33	S34
T10N	R4W						
S28	S27						
S33	S34						
	from which						
	A cross (x) 8 ins. long, marked on boulder 2x2x3 ft. is alongside post.						
	Raise a mound of stone 4 ft. base, 2 ft. high, W. of cor.						

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4100

29

Chains	Land, mountainous. Soil, rocky 4th rate. Timber, a few cottonwoods, mesquites and oaks. Undergrowth, oakbrush, catclaw and cacti.
	East, on a random line bet. secs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect the cor. of secs. 26, 27, 34 and 35.
	Thence
	West, on true line bet. secs. 27 and 34.
	Over rolling and mountainous land, through scattering timber and undergrowth.
	Asc. 140 ft. over NE. slope to
25.47	Wash, 10 lks. wide, course NE. Asc. 250 ft. over E. slope to $\frac{1}{4}$ sec. cor.
34.69	Spring near head of drain, N. of line, course E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, deposit a marked stone at base of post and raise a mound of stone around post to top for $\frac{1}{4}$ sec. cor. of secs. 27 and 34, with brass cap marked.
	$\frac{1}{4}$ $\frac{S27}{S34}$
	1936
	No bearing trees available.
	Ascend 99 ft. over E. slope.
43.00	Spur slopes NE. Asc. 94 ft. over N. slope to ravine.
44.40	Trail bears NE. and SW. From this point a spring bears N. 7 chs. dist.
56.10	Ravine, 5 lks. wide, course N. Asc. 411 ft. over E. slope.
73.00	Top of butte in ridge bearing NW. and SE. From butte a spur slopes NE. Desc. 119 ft. over SW. slope to
80.00	Cor. of secs. 27, 28, 33 and 34.
	Land, rolling and mountainous. Soil, rocky 4th rate. Timber, cottonwood, mesquite and oaks. Undergrowth, oak brush, catclaw and cacti.
	N. 0°01'W., bet. secs. 27 and 28.
	Over mountainous land, through dense undergrowth.
	Asc. 65 ft. over SW. slope.
3.60	Ridge, bears NW. and SE.; desc. 395 ft. over broken NE. slope.
25.75	Shallow draw, NE.; asc. 21 ft. over SE. slope to



Chains	
31.00	Saddle in same ridge, bears SW. and N.; asc. gradually along top of ridge.
34.30	Leave top of ridge, bears NE. and S.; desc. 133 ft. over NW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 1x4x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\   \\ \text{S28} \quad   \quad \text{S27} \\ 1936 \end{array}$
	Desc. 38 ft. over NW. slope.
47.70	Wash, 10 lks. wide, course SW. (heads about 3 chs. NE.); asc. 50 ft. over S. slope.
51.00	Point of spur, slopes W.; desc. 37 ft. over NW. slope.
53.50	Trail, bears NE. and W.;
61.90	Wash, 5 lks. wide, course SW.; asc. 120 ft. over SW. slope.
74.80	Ridge, bears NW. and SE.; desc. 36 ft. over NE. slope.
76.80	Wash, 8 lks. wide, course SE.; asc. 62 ft. over SW. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, with a stone 3x4x4 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 21, 22, 27 and 28, with brass cap marked
	$\begin{array}{c c} \text{T10N} & \text{R4W} \\ \hline \text{S21} & \text{S22} \\ \hline \text{S28} & \text{S27} \\ 1936 \end{array}$
	Land, mountainous. Soil, rocky 4th rate. Timber, a few scattered oaks and cottonwoods along the larger washes. Undergrowth, oakbrush, catclaw and cacti.
	East, on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.06	Intersect N. and S. line at 12 lks. N. of the cor. of secs. 22, 23, 26 and 27.
	Thence
	N. 89°55'W. on true line, bet. secs. 22 and 27.
	Over mountainous land, through dense undergrowth.
	Desc. 83 ft. over SW. slope.
4.40	Enter bend of wash, course S. from W. Asc. 17 ft. in wash.

Survey: Subdivision of T. 10 N., R. 4 W.

FOOT

Chains	
	A spring in this wash bears N. about 12 chs. dist.
7.40	Leave wash, course E. and S. from N.; asc. 298 ft. over E. slope.
22.70	Spur, slopes S.; desc. 147 ft. over W. slope.
37.80	Wash, 10 lks. wide, course S.; asc. 105 ft. over E. slope to
40.03	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 3x5x5 ins., marked with a cross (x) deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S22}{S27}$
	1936
	Asc. 28 ft. over E. slope.
42.70	Spur, slopes S.; desc. 66 ft. over W. slope.
51.55	Wash, 20 lks. wide, course SW.; asc. 149 ft. over SE. slope.
78.60	Point of spur, slopes SW.; desc. 22 ft. over SW. slope to
80.06	The cor. of secs. 21, 22, 27 and 28.
	Land, mountainous. Soil, rocky 4th rate. Timber, cottonwoods, mesquites and oaks. Undergrowth, oakbrush, catclaw and cacti.
	N. 0°01'W., bet. secs. 21 and 22.
	Over mountainous land, through dense undergrowth.
	Asc. 191 ft. over broken SW. slope.
15.70	Point of short spur, slopes W.; desc. 14 ft. over NW. slope.
17.70	Wash, 20 lks. wide, course SW.; asc. 103 ft. over SW. slope.
21.75	Top of ridge about 1 ch. wide, bears NE. and SW.; desc. 75 ft. over NW. slope.
35.60	Drain, course W. near head; asc. 20 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 2x6x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$
	$S21 \quad   \quad S22$
	1936
	Asc. 72 ft. over rocky S. slope.
43.30	Spur, slopes W.; desc. 24 ft. over NW. slope.
50.80	Wash, 20 lks. wide, course SW.; asc. 48 ft. over S. slope.

## Survey: Subdivision of T. 10 N., R. 4 W.

32

## Chains

- 57.60 Spur, slopes W.; desc. 47 ft. over NW. slope to  
 60.65 Wash, 30 lks. wide, course SW. Asc. 15 ft. over SW. slope  
 to  
 63.80 Wash, 20 lks. wide, course SW.; asc. 91 ft. over SE. slope  
 to  
 76.60 Point of spur, slopes SW.; asc. 31 ft. over W. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in  
 the ground to bedrock, with stone 2x4x3 ins., marked  
 with a cross (x) deposited at base, and in a mound of  
 stone to top for cor. of secs. 15, 16, 21 and 22, with  
 brass cap marked

T10N	R4W
S16	S15
S21	S22

1936

Land, mountainous.  
 Soil, rocky 4th rate.  
 Timber, a few cottonwoods, and mesquites.  
 Undergrowth, oakbrush, laurel, mahogany, catclaw and  
 cacti.

S. 89°55'E. on a random line, bet. secs. 15 and 22.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.20 Intersect N. and S. line at 9 lks. N. of cor. of secs.  
 14, 15, 22 and 23.

Thence,

N. 89°51'W., on true line, bet. secs. 15 and 22.

Over mountainous land, through scattering timber and  
 undergrowth.

Desc. 10 ft. over S. slope to

- 2.50 Wash, 10 lks. wide, course SE. from N.; asc. 20 ft. over  
 SE. slope to  
 5.50 Wash, 20 lks. wide, course SE.; asc. 60 ft. over NE.  
 slope.  
 15.30 Spur, slopes SE.; desc. 30 ft. over SW. slope.  
 19.80 Wash, 20 lks. wide, course SE.; asc. 149 ft. over SE.  
 slope to  
 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in  
 the ground to bedrock, with a stone 2x3x3 ins., marked  
 with a cross (x) deposited at base, and in a mound of  
 stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S15
	S22

1936

No bearing trees available.  
 Asc. 422 ft. over SE. slope.

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4188

Chains							
64.20	Top of ridge, 50 lks. wide, bears N. and S. Desc. 85 ft. over W. slope.						
69.80	Wash, 20 lks. wide, course SW.; asc. 12 ft. over SE. slope.						
77.20	Spur, slopes SW.; desc. 50 ft. over W. slope to						
80.20	The cor. of secs. 15, 16, 21 and 22.						
	Land, mountainous. Soil, rocky 4th rate. Timber, oak, cottonwood and mesquite. Undergrowth, oakbrush, catclaw and cacti.						
	N. 0°01'W., bet. secs. 15 and 16. Over mountainous land, through dense undergrowth. Asc. 35 ft. over SW. slope.						
2.85	Point of spur, slopes W.; desc. 35 ft. over NW. slope.						
8.45	Shallow draw, drains SW.; asc. 281 ft. over SW. slope to						
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked						
	$\frac{1}{4}$ <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S16</td> <td style="padding: 0 5px;">S15</td> </tr> <tr> <td colspan="2" style="text-align: center;">1937</td> </tr> </table>	S16	S15	1937			
S16	S15						
1937							
	raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.						
	Asc. 124 ft. over SW. slope.						
45.25	Ridge, bears NW. and SE.; desc. slightly over NE. slope to						
48.00	Ascend 77 ft. over SE. slope.						
52.86	Desc. 17 ft. over NE. slope.						
53.73	Asc. 160 ft. over E. slope.						
68.85	Head of draw, drains E.; asc. 207 ft. over SE. slope.						
74.10	Spur, slopes SE.; desc. 143 ft. over NE. slope to						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, with a stone 6x12x12 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 9, 10, 15 and 16, with brass cap marked						
	<table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T10N</td> <td style="padding: 0 5px;">R4W</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S9</td> <td style="padding: 0 5px;">S10</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S16</td> <td style="padding: 0 5px;">S15</td> </tr> </table>	T10N	R4W	S9	S10	S16	S15
T10N	R4W						
S9	S10						
S16	S15						
	1937						
	from which						
	A spring, bears N. 72°32'E., 59.78 chs. dist.						
	A spring, bears S. 66°09'E., 59.00 chs. dist.						
	No bearing trees available.						

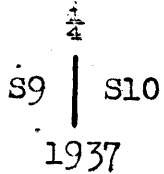
Survey: Subdivision of T. 10 N., R. 4 W.

34

Chains	Land, mountainous. Soil, rocky 4th rate. Timber, a few oaks and cottonwoods. Undergrowth, oakbrush, catclaw and cacti.
	S. 89°51'E. on a random line, bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, at 7 lks. S. of cor. of secs. 10, 11, 14 and 15.
	Thence,
	N. 89°54'W., on true line, bet. secs. 10 and 15.
	Over mountainous land, through dense undergrowth.
	Desc. 5 ft. over SW. slope.
3.25	Wash, 10 lks. wide, 2 ft. deep, course SE.; asc. 91 ft. over E. slope.
6.00	Trail, bears N. and S.
11.75	Spur, slopes NE.; desc. 28 ft. over NW. slope.
14.40	Rocky wash, course NE.; asc. 103 ft. over SE. slope.
24.64	Spur, slopes NE.; asc. 105 ft. over N. and NE. slopes to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 8x12x10 ins., marked with a cross (x) deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S10}{S15}$
	1937
	Asc. 350 ft. over broken NE. slope to
65.30	Drain, course NE.; asc. 364 ft. over SE. slope.
79.24	Same drain, course SE. Asc. 33 ft. over NE. slope to
80.00	The cor. of secs. 9, 10, 15 and 16.
	Land, mountainous. Soil, rocky 4th rate. Timber, none. Undergrowth, oakbrush, catclaw and cacti.
	N. 0°01'W.; bet. secs. 9 and 10.
	Over mountainous land, through dense undergrowth.
	Desc. 15 ft. over NE. slope.
0.55	Head of drain, course SE.; asc. 51 ft. over SE. slope to
3.20	Top of ascent, from which
	A spring (1) bears N. 75°27'E.
	A spring (2) bears N. 57°57'E.
	Desc. 12 ft. over E. slope.

Chains

- 8.15 Ascend 33 ft. over SE. slope.
- 9.67 Spur, slopes E.; desc. 65 ft. over NE. slope.
- 15.70 Head of ravine; course E.; asc. 163 ft. over SE. slope.
- 21.00 Spur, slopes NE.; from which  
     U.S.G.S., B.M. 6391 bears N. 64°33'W.  
     A spring (1) bears S. 86°50'E.  
     A spring (2) bears S. 50°03'E.
- 40.00 Desc. 502 ft. over N. slope to  
     Draw, course N. 80°E.  
     Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in  
     the ground to bedrock, with a stone 6x8x10 ins., marked  
     with a cross (x) deposited at base, and in a mound of  
     stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

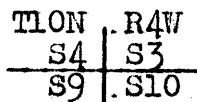


from which

U.S.G.S., B.M. 6391 bears S. 55°58 $\frac{1}{2}$ 'W.  
 Blackwater Spring, bears N. 74°33'E.  
 A spring, bears N. 59°58'E., 42.00 chs. dist.

Asc. 57 ft. over SE. slope.

- 44.90 Point of spur, slopes SE.; desc. 10 ft. over NE. slope.
- 47.30 Head of wash, course SE.; asc. 190 ft. over S. slope.
- 52.75 Spur, slopes E.; desc. 218 ft. over N. slope.
- 58.85 Wash, course NE.; asc. 223 ft. over SE. slope.
- 67.95 Spur, slopes NE.; from which  
     Blackwater Spring, bears S. 48°23'E.
- Desc. 72 ft. over NW. slope.
- 71.53 Head of draw, course NE.; asc. 15 ft. over SE. slope.
- 74.55 Point of short spur, slopes E.; desc. 26 ft. over NE.  
     slope to
- 79.60 Head of draw, course SE.; asc. 5 ft. over SE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins.  
     in the ground to bedrock, with a stone 6x6x6 ins.,  
     marked with a cross (x) deposited at base, and in a  
     mound of stone to top, for cor. of secs. 3, 4, 9 and  
     10, with brass cap marked



1937

Survey: Subdivision of T. 10 N., R. 4 W.

36

Chains	
	Land, mountainous. Soil, rocky 4th rate. Timber, a few junipers. Undergrowth, oakbrush, catclaw and cacti.
	S. 89°54'E. on a random line, bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.02	Intersect N. and S. line at 7 lks. S. of cor. of secs. 2, 3, 10 and 11.
	Thence,
	N. 89°57'W., on true line, bet. secs. 3 and 10.
	Over mountainous land, through dense undergrowth.
	Desc. slightly over SW. slope.
2.00	Draw, course SE. Asc. 110 ft. over NE. slope.
3.40	Wire fence, 3-strand, bears N. 20°W. and S. 20°E.
7.55	Trail, bears NW. and SE.
14.90	Spur, slopes SE.; desc. 7 ft. over SW. slope.
16.30	Wash, 20 lks. wide, course SE.; asc. 274 ft. over SE. slope.
23.81	Wire fence, 3-strand, bears N. 25°W. and S. 25°E.
35.29	Draw, course SE.; asc. 60 ft. over E. slope to
40.01	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 4x5x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S3}{S10}$
	1937
	Asc. 149 ft. over E. slope.
44.25	Spur, slopes SE.; desc. 117 ft. over SW. slope.
63.50	Wash, course SE.; asc. 216 ft. over SE. slope to
80.02	The cor. of secs. 3, 4, 9 and 10.
	Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, oakbrush, catclaw, manzanita and cacti.
	N. 0°01'W., bet. secs. 3 and 4.
	Over mountainous land, through dense undergrowth.
	Asc. 65 ft. over SE. slope to
3.80	Asc. 26 ft. over SW. slope.
6.15	Low saddle in ridge, bearing NE. and SW.; asc. 40 ft. along W. slope.

Survey: Subdivison of T. 10 N., R. 4 W.

37

Chains

- 25.70 Leave saddle in ridge. Desc. 287 ft. over NW. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for  $\frac{1}{4}$  sec. cor., with brass cap marked
- $\frac{1}{4}$   
S4 | S3  
1937
- from which
- A cross (x) chiseled on rock 1x2x3 ft., with B0 alongside, bears E. 3 lks. dist.
- Seep spring, bears N. 21°22'W., 17. 40 chs. dist.
- Desc. 449 ft. over NW. slope.
- 56.84 Draw, course W. 2.00 chs. dist. to junction with Arastra Creek; asc. 12 ft. over SW. slope.
- 58.80 Point of spur, slopes W.; desc. 36 ft. over NW. slope.
- 60.72 Arastra Creek, course NE.; seep springs at this point; asc. 171 ft. over SE. slope to
- 72.86 Intersect N. bdy. of Tp.  
At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, with a stone 2x4x4 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for closing cor. of secs. 3 and 4, with brass cap marked

T11N R4W  
S33  
S4 | S3  
T10N R4W  
CC

1937

from which

the cor. of secs. 33 and 34, T. 11 N., R. 4 W., bears E. 1.36 chs. dist., which is an iron post, 2 ins. in diam., projecting 16 ins. above ground, firmly set in ground and mound of stone, with brass cap marked as described in the official record. Add marking on the brass cap to read:

T11N R4W  
S33 | S34  
S3  
T10N R4W

1925-37

Land, mountainous.

Soil, rocky 4th rate.

Timber, pinyon, juniper, willow, walnut and white oak along Arastra Creek and its tributary washes and draws.

No timber elsewhere.

Undergrowth, mahogany, oakbrush, laurel and cacti.



## Survey: Subdivision of T. 10 N., R. 4 W.

38

## Chains

From the cor. of secs. 32 and 33, on S. bdy. of the Tp. which is an iron post, 2 ins. in diam., projecting 20 ins. above ground, firmly set in ground and mound of stone, marked on brass cap as described in the official record.

N. 0°02'W., bet. secs. 32 and 33.

Over mountainous land, through scattering undergrowth.

Asc. 166 ft. over SE. slope.

- 8.00 Ridge bears NE. and SW.; desc. 221 ft. over NW. slope.
- 20.80 Wash, 20 lks. wide, course W.; asc. 85 ft. over S. slope.
- 26.00 Spur, slopes W.; desc. 52 ft. over N. slope.
- 32.60 Wash, 20 lks. wide, course W.; asc. 106 ft. over S. slope.
- 35.25 Spur slopes W.; desc. 85 ft. over N. slope.
- 38.50 Wash, 50 lks. wide, course W. Asc. 25 ft. over S. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, with a stone 4x4x3 ins., marked with a cross (x) deposited at base and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S32} \quad | \quad \text{S33} \\ | \\ 1936 \end{array}$$

from which

U.S.L.M. No. 1422, bears N. 73°16'E., 21.04 chs. dist.

Asc. 700 ft. over steep S. slope.

- 60.00 Ridge, bears E. and W.; desc. 570 ft. over steep N. slope.
- 68.00 Rocky wash, 30 lks. wide, course W.; asc. 350 ft. over rocky SW. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, with a stone 5x5x3 ins., marked with a cross (x) deposited at base and in a mound of stone to top, for cor. of secs. 28, 29, 32 and 33, with brass cap marked

$$\begin{array}{c} \text{TL0N} \quad | \quad \text{R4W} \\ \text{S29} \quad | \quad \text{S28} \\ \hline \text{S32} \quad | \quad \text{S33} \end{array}$$

1936

Land, mountainous.

Soil, rocky 4th rate.

Timber, none.

Undergrowth, native grass, sahuaro, cacti and oakbrush.

East, on a random line, bet. secs. 28 and 33.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.

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

Thence,

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4188

Chains

West, on true line, bet. secs. 28 and 33.  
 Over mountainous land, through dense undergrowth.  
 Desc. 560 ft. over SW. slope to  
 22.00 Desc. 200 ft. over S. slope to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in  
 the ground to bedrock, with a stone 1x3x4 ins., marked  
 with a cross (x) deposited at base, and in a mound of  
 stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{s28}{s33}$$

1936

Desc. 130 ft. over S. slope.  
 49.00 Desc. 68 ft. over SW. slope.  
 59.85 Desc. 66 ft. over NW. slope.  
 62.80 Wash, 20 lks. wide, in botton of gulch, course SW.; asc.  
 158 ft. over SE. slope.  
 71.70 Trail, bears NE. and S. 80°W.  
 72.10 Point of spur slopes S.; desc. 74 ft. over SW. slope to  
 80.00 The cor. of secs: 28, 29, 32 and 33.  
 Land, mountainous.  
 Soil, rocky 4th rate.  
 Timber, none.  
 Undergrowth; oakbrush, catclaw, manzanita, laurel and  
 cacti.

N. 0°02'W., bet. secs. 28 and 29.

Over mountainous land, through scattering undergrowth.  
 Asc. 450 ft. over broken SW. slope.

38.00 Spur, slopes SE. from NE.; asc. slightly over W. slope to  
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in  
 the ground to bedrock, with stone 4x4x3 ins., marked  
 with a cross (x) deposited at base and in a mound of  
 stone to top for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \begin{array}{c} s28 \\ | \\ s29 \end{array}$$

1936

Desc. 30 ft. over NW. slope.  
 43.00 Wash, 10 lks. wide, course SW. near head; asc. 600 ft.  
 over broken SW. slope.  
 61.00 Rocky pinnacle in ridge bearing N. and SE.; desc. 100 ft.  
 over broken E. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in  
 the ground to bedrock, with a stone 5x5x3 ins., marked  
 with a cross (x) deposited at base and in a mound of  
 stone to top for cor. of secs. 20, 21, 28 and 29, with

Survey: Subdivision of T. 10 N., R. 4 W.

40

Chains	brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T10N.</td> <td>R4W</td> </tr> <tr> <td>S20</td> <td>S21</td> </tr> <tr> <td>S29</td> <td>S28</td> </tr> </table>	T10N.	R4W	S20	S21	S29	S28
T10N.	R4W						
S20	S21						
S29	S28						
	1936						
	Land, mountainous. Soil, rocky 4th rate. Timber, a few oaks. Undergrowth, oakbrush, catclaw and cacti.						
	East, on a random line, bet. secs. 21 and 28.						
40.00	Set temp. $\frac{1}{4}$ sec. cor.						
79.98	Intersect N. and S. line at 7 lks. N. of the cor. of secs. 21, 22, 27 and 28.						
	Thence,						
	N. $89^{\circ}57'W.$ on true line, bet. secs. 21 and 28.						
	Over mountainous land, through dense undergrowth.						
	Desc. 31 ft. over SW. slope.						
3.60	Wash, 8 lks. wide, course SE.; asc. 83 ft. over E. slope.						
9.00	Ridge, bears NW. and SE.; desc. 113 ft. over SW. slope.						
17.00	Wash, 30 lks. wide, course SE.; asc. 100 ft. over E. slope.						
27.30	Spur, slopes SE.; desc. 40 ft. over SW. slope to						
39.99	Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, with a stone 3x4x4 ins., marked with a cross (x) deposited at base and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked						
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td><math>\frac{1}{4}</math></td> <td>S21</td> </tr> <tr> <td></td> <td>S28</td> </tr> </table>	$\frac{1}{4}$	S21		S28		
$\frac{1}{4}$	S21						
	S28						
	1936						
	Desc. 46 ft. over SW. slope.						
43.75	Wash, 10 lks. wide, course SW.; asc. 163 ft. over SE. slope.						
57.30	Spur, slopes S.; desc. 96 ft. over SW. slope.						
69.40	Wash, 10 lks. wide, course SE.; asc. 70 ft. over E. slope.						
73.50	Point of low spur, slopes S.; desc. 6 ft. over SW. slope.						
73.95	Head of ravine, course SE.; asc. 169 ft. over E. slope to						
79.98	The cor. of secs. 20, 21, 28 and 29.						
	Land, mountainous. Soil, rocky 4th rate. Timber, a few cottonwoods, mesquites and willows along the larger washes. Undergrowth, oakbrush, laurel, cacti and catclaw.						

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4133

41

- Chains N. 0°02'W., bet. secs. 20 and 21.  
Over mountainous land, through dense undergrowth.  
Desc. 35 ft. over E. slope.
- 3.05 Saddle in top of ridge bearing N. and S., bears W. about 1 ch. dist. Asc. 269 ft. over rocky S. slope.
- 12.55 Ridge, bears NE. and W.; spur slopes NW.; desc. 430 ft. over NE. slope.
- 29.03 Wash, 8 lks. wide, course NW.; asc. 28 ft. over SW. slope.
- 32.10 Spur, slopes N. 60°W.; desc. 185 ft. over broken NE. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked
- |      |               |     |
|------|---------------|-----|
|      | $\frac{1}{4}$ |     |
| S20  |               | S21 |
| 1937 |               |     |
- from which
- A mahogany, 4 ins. diam., bears S. 60 $\frac{1}{2}$ °E., 11 lks. dist. marked BT only.
- A mahogany, 4 ins. diam., bears S. 52°W., 51 lks. dist., marked BT only.
- Desc. 64 ft. over NE. slope.
- 42.00 Wash, 10 lks. wide, course NW.; asc. 93 ft. over SW. slope.
- 46.70 Spur, slopes NW.; desc. 115 ft. over N. slope.
- 52.31 Wash, 8 lks. wide, course NW.; asc. 196 ft. over SW. slope.
- 63.40 Spur, slopes N. 80°W.; desc. 296 ft. over N. slope.
- 76.10 Creek, with stream of running water, 5 lks. wide, 6 ins. deep, course W.; asc. 94 ft. over SE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked
- |      |  |     |
|------|--|-----|
| TLON |  | R4W |
| S17  |  | S16 |
| S20  |  | S21 |
| 1937 |  |     |
- from which
- A live oak, 6 ins. diam., bears N. 54 $\frac{1}{2}$ °E., 92 lks. dist. marked TLON R4W S16 BT.
- A mahogany, 4 ins. diam., bears N. 4 $\frac{1}{2}$ °W., 42 lks. dist., marked BT only.
- No other trees near.
- Raise a mound of stone 2 $\frac{1}{2}$  ft. base, 2 ft. high, W. of cor.
- A spring, bears N. 54 $\frac{1}{2}$ °E., 355 lks. dist.
- A spring, bears S. 55 $\frac{1}{2}$ °E., 370 lks. dist.

Survey: Subdivision of T. 10 N., R. 4 W.

42

Chains	<p>Land, mountainous. Soil, rocky 4th rate. Timber, scrub oak, live oak and mahogany. Undergrowth, oakbrush, catclaw and cacti.</p>
	<p>S. 89°57'E. on a random line, bet. secs. 16 and 21.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.74	Intersect the cor. of secs. 15, 16, 21 and 22.
	Thence,
	N. 89°57'W., on true line, bet. secs. 16 and 21.
	Over mountainous land, through scattering small timber and dense undergrowth.
	Desc. 87 ft. over W. slope.
6.50	Wash, 8 lks. wide, course S.; asc. 122 ft. over E. slope.
30.85	Ridge, bears N. 10°E. and S. 15°E.; desc. 302 ft. over SW. slope to
39.87	Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S16}{S21}$
	1937
	from which
	A mahogany, 3 ins. diam., bears S. 63 $\frac{1}{2}$ °W., 36 lks. dist., marked BT only.
	A mahogany, 4 ins. diam., bears N. 4 $\frac{1}{2}$ °W., 42 lks. dist., marked BT only.
	Desc. 216 ft. over SW. and S. slopes.
56.75	Spur, slopes SW.; desc. 174 ft. over NW. slope.
64.70	Wash, 10 lks. wide, course SW.; ascend 41 ft. over SE. slope.
68.74	Spur, slopes SW.; desc. 174 ft. over NW. slope.
76.05	Creek, 10 lks. wide, course SW. with stream of running water 3 lks. wide, 3 ins. deep, asc. 53 ft. over SE. slope to
79.74	The cor. of secs. 16, 17, 20 and 21.
	<p>Land, mountainous. Soil, rocky 4th rate. Timber, scrub oak and mahogany. Undergrowth, oakbrush; laurel, mahogany and cacti.</p>
	N. 0°02'W., bet. secs. 16 and 17.
	Over mountainous land, through dense undergrowth.
	Asc. 75 ft. over SE. slope to
3.50	Spur slopes SW. from N. Asc. 98 ft. along top of spur.

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4155

Chains

12.00 Leave top of spur slopes S. from NE.; asc. 190 ft. over W. slope to

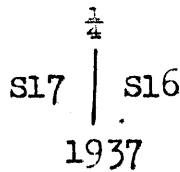
21.60 Wash, 10 lks. wide, course SW.; asc. 365 ft. over SE. slope.

33.85 Ridge, bears N. 60°E. and S. 60°W.; desc. 10 ft. over NW. slope.

35.50 Head of wash, course W.; asc. 6 ft. over SW. slope.

39.20 Spur, slopes NW.; desc. 30 ft. over N. slope to

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



from which

A cross (x) and BO S16, chiseled on face of boulder exposed 16x16x24 ins., above ground, bears S. 17 $\frac{1}{2}$ °E., 72 lks. dist.

Desc. 95 ft. over N. slope.

44.00 Wash, 10 lks. wide, course NW.; asc. 82 ft. over SW. slope.

51.36 Spur, slopes W.; desc. 273 ft. over N. slope.

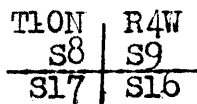
61.55 Wash, 10 lks. wide, course SW.; asc. 417 ft. over S. slope.

71.10 Ridge, bears N. 60°E. and S. 60°W.; desc. 79 ft. over NW. slope to

77.35 Top of vertical bluff; bears NE. and SW.; desc. 100 ft. over NW. face of same to

77.40 Foot of bluff, desc. 170 ft. over NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 8, 9, 16 and 17, with brass cap marked.



1937

from which

Yarnell Spring, at head of 4 in. pipe line; bears N. 24 $\frac{1}{2}$ ° W., 20.60 chs. dist.; The pipe line follows Antelope Creek to Octave, Arizona.

No bearing trees available.

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

Land, mountainous.  
Soil, rocky 4th rate.  
Timber, cottonwood and scrub oaks.  
Undergrowth, oakbrush, mahogany, catclaw and cacti.

## Survey: Subdivision of T. 10 N., R. 4 W.

44

Chains	S. 89°57'E., on a random line, bet. secs. 9 and 16.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.78	Intersect N. and S. line at 18 lks. N. of cor. of secs. 9, 10, 15 and 16.
	Thence,
	N. 89°49'W., on true line, bet. secs. 9 and 16.
	Over mountainous land, through very scattering timber and dense undergrowth.
	Asc. 295 ft. over E. slope.
6.85	Ridge, bears N. and S.; desc. 595 ft. over W. slope to
23.20	Wash, 10 lks. wide, course NW.; asc. slightly over NE. slope.
24.55	Toe of spur, slopes NW.; desc. 10 ft. over NW. slope.
26.35	Wash, 10 lks. wide, course SW.; asc. 95 ft. over SE. slope.
34.10	Point of spur, slopes SE.; desc. 92 ft. over SW. slope to
39.89	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 6x6x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4}$ $\frac{S9}{S16}$
	1937
	No bearing trees available.
39.90	Shallow draw, course SE.
	Asc. 427 ft. over E. slope.
51.80	Ridge, bears NW. and SW.; desc. 243 ft. over SW. slope.
61.15	Head of wash, course SW.; asc. 31 ft. over SE. slope.
67.88	Ridge, bears NE. and SW.; desc. 477 ft. over broken NW. slope to
79.78	The cor. of secs. 8, 9, 16 and 17.
	Land, mountainous.
	Soil, rocky 4th rate.
	Timber, juniper, white oak and mesquite.
	Undergrowth, mahogany, oakbrush, laurel, berry and cacti.
	N. 0°02'W., bet. secs. 8 and 9.
	Over mountainous land, through very scattering timber and dense undergrowth.
	Desc. 112 ft. over NW. slope.
4.20	Rocky wash, 10 lks. wide, course W.; asc. 49 ft. over S. slope.
6.90	Spur, slopes W.; desc. 235 ft. over NW. slope.

Chains

25.30 Yarnell Wash, with small stream of running water, course SW.; asc. 426 ft. over precipitous SE. slope to ridge.

29.41 Point for cor. No. 2 of Genung Spring and Mill Site, Min. Sur. No. 1124, bears E., 1.14 chs. dist. This cor. point is determined by record bearing and dist. (N. 69°22'E., 1.32 chs.) from the lava bearing rock described in the official record.

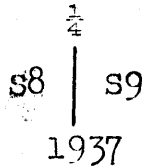
To verify the position of the cor. point, retrace the boundary of the claim, finding the other three corner monuments in place, properly marked and witnessed. The true courses and distances of the claim bdy. are found by this retracement to be:

- Line 1-2, S. 77° 05' W., 7.02 chs.
- Line 2-3, S. 39° 00' E., 6.63 chs.
- Line 3-4, N. 61° 57' E., 6.41 chs.
- Line 4-1, N. 35° 24' W., 5.57 chs.

U.S.L.M. No. 1124 bears S. 33° 38' W. from point for Cor. No. 2.

34.55 Ridge, bears N. 60° E., and S. 60° W. Desc. 218 ft. over NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked



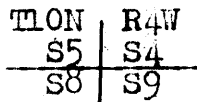
Raise a mound of stone 4 ft. base, 2 ft. high, W. of cor.

Desc. 60 ft. over NW. slope.

45.56 Antelope Creek, 10 lks. wide, course SW.; asc. 887 ft. over precipitous SE. slope.

73.21 Ridge, bears N. 35° E. and S. 35° W.; desc. 130 ft. over NW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock with a stone marked with a cross (x) deposited at base, and in mound of stone to top, for cor. of secs. 4, 5, 8 and 9, with brass cap marked



1937

from which

A juniper, 5 ins. diam., bears N. 59 $\frac{1}{4}$ ° E., 177 lks. dist. marked BT only.

A juniper, 16 ins. diam., bears S. 30 $\frac{1}{2}$ ° E., 261 lks. dist. marked TLON R4W S9 BT.

No other bearing trees available.

Land, mountainous.  
Soil, rocky 4th rate.



Survey: Subdivision of T. 10 N., R. 4 W.

46

Chains	Timber, cottonwood, oak, walnut, juniper and pinyon. Undergrowth, laurel, mahogany, oakbrush and cacti.
	S. 89° 49' E., on a random line, bet. secs. 4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.78	Intersect N. and S. line, 2 lks. N. of cor. of secs. 3, 4, 9 and 10.
	Thence
	N. 89° 48' W., on true line, bet. secs. 4 and 9.
	Over mountainous land, through scattering timber and undergrowth.
	Asc. 265 ft. over SE. slope.
8.85	Ridge, bears NE. and S.; desc. 345 ft. over W. slope.
17.60	Wash, 10 lks. wide, course N.; asc. 409 ft. over NE. and E. slopes.
32.90	Spur, slopes N.; desc. 61 ft. over NW. slope to
39.89	Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S4}{S9}$
	1937
	from which
	A juniper, 12 ins. diam., bears S. 85 $\frac{1}{2}$ ° E., 38 lks. dist. marked $\frac{1}{4}$ S9 BT.
	No other trees available.
	Raise a mound of stone, 4 ft. base, 2 ft. high, N. of cor.
	Desc. 20 ft. over NW. slope.
45.70	Saddle in ridge, bearing NW. and SE.; desc. 308 ft. over SW. slope.
59.45	Draw, course S.; asc. 195 ft. over E. slope.
68.70	Spur, slopes SE.; desc. 39 ft. over SW. slope.
71.73	Head of draw, course SE.; asc. 89 ft. over SE. slope.
76.75	Main ridge, bears NE. and SW.; desc. 54 ft. over NW. slope to
79.78	The cor. of secs. 4, 5, 8 and 9.
	Land, mountainous. Soil, rocky 4th rate. Timber, cottonwood, laurel, mahogany and cacti. Undergrowth, laurel, mahogany, oakbrush, catclaw and cacti.
	N. 0°02' W., bet. secs. 4 and 5.
	Over mountainous land, through dense undergrowth.

Chains

Desc. 16 ft. over NW. slope.

1.95

Head of drain, course W.; asc. 186 ft. over SW. slope.

13.50

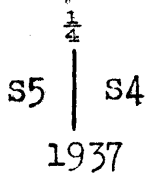
Spur, slopes NW. Another spur slopes W. from this point.  
Desc. 582 ft. over N. slope.

31.85

Draw, course NW.; asc. 159 ft. over SW. slope to

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 4x5x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



No bearing trees available.

Asc. 123 ft. over SW. slope.

46.05

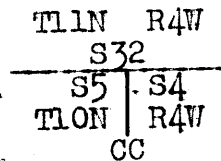
Spur, slopes NW.; desc. 100 ft. over NE. slope to

63.47

Change to E. slope. Desc. 139 ft. to

72.69.

Intersect N. bdy. of the Tp.  
At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, with a stone 4x4x3 ins. marked with a cross (x) deposited at base, and in a mound of stone to top, for closing cor. of secs. 4 and 5, with brass cap marked

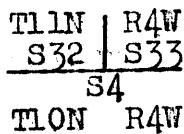


1937

No bearing trees available. from which

the cor. of secs. 32 and 33, T. 11 N., R. 4 W., bears E., 1.20 chs. dist., which is an iron post, 2 ins. in diam., projecting 28 ins. above ground, firmly set in ground and mound of stone, and marked on brass cap as described in the official record.

Add marking on brass cap to read



1925-37

Land, mountainous.  
Soil, rocky 4th rate.  
Timber, juniper and pinyon.  
Undergrowth, oakbrush, service, mahogany and laurel.

Survey: Subdivision of T. 10 N., R. 4 W.

Chains

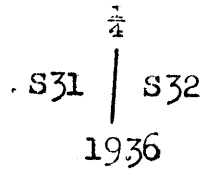
From the cor. of secs. 31 and 32 on the S. bdy. of the Tp. which is an iron post 2 ins. diam., projecting 20 ins. above ground, firmly set in ground and mound of stone, with brass cap marked as described in the official record.

N. 0°02'W. bet. secs. 31 and 32.

Over rolling land, through scattering timber and undergrowth.

Ascend 303 ft. along narrow flat top of spur sloping S.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, with a stone 6x6x2 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for 1/4 sec. cor., with brass cap marked



No bearing trees available.

Enter mountainous land.

Continue along flat top of spur, sloping S.; asc. 166 ft. to

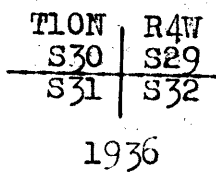
52.50 Leave top of spur slopes S. from NW.; desc. 13 ft. over NE. slope.

55.05 Wash, 5 lks. wide, course S. 10° E.; asc. 386 ft. over SW. slope.

67.00 Spur, slopes SE.; desc. 58 ft. over NE. slope.

77.40 Drain, 5 lks. wide, course SE.; asc. 30 ft. over SW. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bed rock, with a stone 2x5x7 ins. marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 29, 30, 31 and 32, with brass cap marked



No bearing trees available.

Land, rolling and mountainous.

Soil, rocky 4th rate.

Timber, mesquite.

Undergrowth, oak brush, mahogany, catclaw, laurel and cacti.

East, on random line bet. secs. 29 and 32.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect the cor. of secs. 28, 29, 32 and 33.

Thence

Chains	
	West, on true line, bet. secs. 29 and 32. Over mountainous land, through scattering timber and undergrowth. Desc. 288 ft. over SW. slope to $\frac{1}{4}$ sec. cor.
3.65	Trail, bears NW. and SE.
6.05	Same trail, bears NE. and SW.
14.80	Same trail, bears NW. and SE.
23.90	Same trail, bears NE. and SW. This trail leads easterly to area east of divide and southwesterly to road along Weaver Creek.
36.00	Shallow draw, drains SW.
37.90	Road, bears N. and S. There is a tent house and mineral exploration holes north about 4 chs. dist. at roads end. To the SW. this road enters main road along Weaver Creek about 10 chs. dist.
39.95	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 5x5x3 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked $\frac{1}{4} \frac{S29}{S32}$ 1936 from which A hackberry, 9 ins. diam., bears S. 84° W., 108 lks. dist., marked $\frac{1}{4}$ S32 BT. A cottonwood, 24 ins. diam., bears N. 81 $\frac{1}{2}$ ° W., 141 lks. dist., marked $\frac{1}{4}$ S29 BT. Desc. 12 ft. over W. slope.
41.35	Weaver Creek, (dry) 20 lks. wide, course S. from NE. and at about 5 chs. NE. is a bend in the creek, course SW. from NW. Asc. 130 ft. over E. slope.
42.90	Road, bears N. and S., follows Weaver Creek and extends from Congress Junction to Johnson Mine about a mile Northerly.
50.15	Power line, (3 wires) bears N. and S.; asc. 730 ft. over NE. slope.
73.90	Spur, slopes SE.; desc. 132 ft. over SW. slope to
79.90	The cor. of secs. 29, 30, 31 and 32. Land, mountainous. Soil, rocky 4th rate. Timber, palo verde, ironwood, mesquite, cacti and catclaw. Undergrowth, oakbrush, catclaw, mesquite, cacti and laurel.
	West, on true line, bet. secs. 30 and 31. Over mountainous land, through scattering undergrowth. Desc. 12 ft. over SW. slope.

Chains

2.90 Wash, 5 lks. wide, course SE.; heads about 15 chs. NW.  
Ascend 322 ft. over steep broken E. slope to

11.80 Foot of perpendicular cliff, bearing N. and S. Asc. 70 ft. over E. face of same to

11.85 Top of cliff bears N. and S.; asc. 106 ft. over E. slope to

13.90 Foot of cliff, bears N. and S.; asc. 100 ft. over E. face of same to

14.00 Top of cliff, bears N. and S.; asc. 47 ft. over NE. slope to

18.04 Spur, slopes SE.; desc. 168 ft. over SW. slope.

20.30 Head of ravine course SE. Mouth of a tunnel from which a flow of good water comes, bears S. 70 lks. dist.; asc. 123 ft. over SE. slope.

28.60 Top of ridge 50 lks. wide bearing NE. and SW. which is part of "RICH HILL"; a house bears North about 20. chs. dist. Desc. 138 ft. over NW. slope.

34.25 Head of ravine, course NW.; asc. 31 ft. over NE. slope.

37.52 Point of spur, slopes NW.; desc. 50 ft. over W. slope to

39.95 Top of cliff, bears N. and S.; desc. 45 ft. over W. face of same to

40.00 Foot of cliff bears N. and S.  
Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, with a stone 2x4x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4} \begin{array}{l} S30 \\ S31 \end{array}$   
 1936

Desc. 826 ft. over steep, broken W. slope to closing cor.

49.70 Trail, bears NW. and SE.

61.25 Intersect west boundary of the Tp.  
At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., on exposed bedrock, with a stone 2x5x7 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for closing corner of secs. 30 and 31, with brass cap marked

TLON	TLON	
R5W	S30	CC
S36	S31	
	R4W	

  
 1936

from which

The true point for cor. of secs. 25 and 36, T. 10 N., R. 5 W., hereinbefore described in notes of survey of Part of E. bdy. of T. 10 N., R. 5 W. bears N., 2.46 chs. dist. The witness cor. to said cor. point 30 lks. N. therefrom, and the witness cor. to the E.  $\frac{1}{4}$  sec. cor. of sec. 36, T. 10 N., R. 5 W. are also hereinbefore described in the notes of survey of Part of the Tp. bdy.

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4153

51

Chains	<p>The original <math>\frac{1}{4}</math> sec. cor. of secs. 25 and 30 is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked on brass caps described in the official record, and witnessed by a mound of stone W. of cor. As this <math>\frac{1}{4}</math> sec. cor. now refers to the quarters of sec. 25 only, change the marking on the brass cap to read</p> <div style="text-align: center;"> <math>\frac{1}{4}</math>                 S25                 1916-36     </div> <p>Land, mountainous. Soil, rocky 4th rate. Timber, none. Undergrowth, oakbrush, laurel, manzanita, catclaw and cacti.</p>
	<p>From the cor. of secs. 29, 30, 31 and 32, N. <math>0^{\circ}02'</math> W., bet. secs. 29 and 30.</p> <p>Over mountainous land, through scattering undergrowth. Asc. 292 ft. over SW. slope.</p> <p>7.50 Spur, slopes SE.; desc. 400 ft. over NE. slope.</p> <p>23.00 Ravine, 5 lks. wide, course E.; (heads about 10 chs. W.) Asc. 107 ft. over S. slope.</p> <p>28.30 Spur, slopes E.; desc. 162 ft. over N. slope.</p> <p>34.20 Ravine, 5 lks. wide, course E. (heads about 15 chs. W.) Asc. 74 ft. over S. slope to</p> <p>40.00 Spur, slopes E. Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, with a stone 2x3x4 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for <math>\frac{1}{4}</math> sec. cor., with brass cap marked</p> <div style="text-align: center;"> <math>\frac{1}{4}</math>                 S30   S29                 1936     </div> <p style="text-align: right;">from which</p> <p>Cor. No. 2 (SW. cor.) of HOMESTAKE patented lode mining claim, Min. Sur. No. 1268 bears S. <math>84^{\circ}59'</math> E., 16.70 chs. dist.</p> <p>Desc. 121 ft. over N. slope.</p> <p>49.20 Intersect SE. side line (3-4) of KENTUCKY patented lode mining claim, Min. Sur. No. 1267, at 2.60 chs. S. <math>43^{\circ}39'</math> W. from Cor. No. 4.</p> <p>Thence across said claim.</p> <p>51.20 Ravine, 5 lks. wide, course E.; heads about 10 chs. W.; a spring bears W. about 3 chs. dist. Asc. 225 ft. over S. slope.</p> <p>52.00 A pipe line, 2 ins. in diam., bears W. to spring and E. to mine.</p>

## Survey: Subdivision of T. 10 N., R. 4 W.

52

- Chains  
53.68 Intersect NE. end line (4-1) of KENTUCKY patented lode mining claim, Min. Sur. No. 1267 at 3.16 chs. N.  $34^{\circ}30'$  W. from Cor. No. 4. Leave patented mineral land.
- 58.00 S. edge of top of spur, bears E. and W. thence across top of spur, sloping E. about 15 chs. to toe.
- 63.00 N. edge of top of spur, bears NW. and SE. Leave top of spur; desc. 92 ft. over NE. slope.
- 67.90 Ravine, 5 lks. wide, course E., heads about 8 chs. W. Asc. 362 ft. over SE. slope to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, with a stone 2x5x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 19, 20, 29 and 30, with brass cap marked

TLON	R4W
S19	S20
S30	S29

1936

Land, mountainous.  
Soil, rocky 4th rate.  
Timber, mesquite and cottonwood along the ravine, none elsewhere.  
Undergrowth, oakbrush, laurel, catclaw and cacti.

- East, on a random line, bet. secs. 20 and 29.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.86 Intersect N. and S. line, 12 lks. S. of cor. of secs. 20, 21, 28 and 29.
- Thence,  
S.  $89^{\circ}55'$  W. on true line, bet. secs. 20 and 29.
- Over mountainous land, through scattering timber and dense undergrowth.
- Asc. 28 ft. over E. slope.
- 1.00 Ridge, bears N. and S.; saddle in same about 3 chs. N.; desc. 191 ft. over W. slope.
- 6.80 Ravine, course SW.; asc. 70 ft. over SE. slope.
- 13.00 Point of spur, slopes S.; desc. 317 ft. over SW. slope to
- 24.75 Bend in same ravine, course SW. from SE. is 75 lks. S. of this point. Asc. 18 ft. over SE. slope to
- 32.30 Desc. 55 ft. over S. slope to
- 39.93 Set an iron post, 3 ft. long, 1 in. in diam., in crack between two large boulders, with a stone 2x2x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S20	
	S29	

1936

## Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4078

53

Chains	
	No bearing trees available.
	Desc. 40 ft. over S. slope to
48.00	Desc. 191 ft. over SW. and W. slopes to
56.30	Wash, 10 lks. wide, course S., in bottom of rocky gulch; asc. 397 ft. over E. and SE. slopes to sec. cor.
57.30	Trail, bears N. and S.
79.86	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous. Soil, rocky 4th rate. Timber, mesquite, laurel and cottonwood. Undergrowth, oakbrush, laurel, mahogany, catclaw and cacti.
	West, on true line, bet. secs. 19 and 30.
	Over mountainous land, through scattering timber and undergrowth.
	Asc. 84 ft. over SE. slope.
5.50	Ridge, bears N. 15° E. and S. 15° W. Desc. 84 ft. over NW. slope to
11.30	Head of spur, slopes NW.; desc. 288 ft. over W. slope.
12.90	Trail, bears NE. and SW.
18.00	Trail, bears N. and S.
20.60	Ravine 5 lks. wide, course NW. Asc. 134 ft. over NE. slope.
28.70	Spur, slopes N. 75° W., from SE.; desc. 293 ft. over SW. and S. slopes to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 2x4x5 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S19}{S30}$
	1936
	No bearing trees available.
	Desc. 30 ft. over S. slope to
44.00	Same spur, slopes W. from NE. Thence along top of spur. Desc. 197 ft. to
51.40	Leave top of spur, slopes SW. from E.; desc. 218 ft. over NW. and N. slopes to
61.18	Intersect W. bdy. of the Tp. At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, with a stone 3x3x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for closing cor. of secs. 19 and 30, with brass cap marked



Survey: Subdivision of T. 10 N., R. 4 W.

54

Chains

T10N	T10N	CC
R5W	S19	
S25	S30	
	R4W	

1936 from which

The original cor. of secs. 19, 24, 25 and 30, bears N. 2.74 chs. dist. which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor.

As this cor. now refers to secs. 24 and 25, T. 10 N., R. 5 W., only, change marking on the brass cap to read

T10N	
R5W	R4W
S24	S19
S25	

1916-36

The original witness cor. to  $\frac{1}{4}$  sec. cor. of secs. 19 and 24 is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor.

As this W.C. now witnesses the point for  $\frac{1}{4}$  sec. cor. of sec. 24, T. 10 N., R. 5 W. only (0.60 chs. N.) change the marking on the brass cap to read

$\frac{1}{4}$
S24
WC

1916-36

Land, mountainous.  
Soil, rocky 4th rate.  
Timber, a few mesquites and cottonwoods.  
Undergrowth, oakbrush, catclaw, cacti and laurel.

From the cor. of secs. 19, 20, 29 and 30,  
N. 0°02'W., bet. secs. 19 and 20.

Over mountainous land, through scattering timber and undergrowth.

Asc. 156 ft. over SE. slope.

11.00 Ridge, bears N. and S. 15° W. Thence along W. slope near top of ridge, desc. slightly to

13.00 Leave top of ridge bearing E. and S. 15° W. Spur slopes N. 15° E. from this point. Desc. 565 ft. over NW. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bedrock, with a stone 1x3x4 ins., marked with a cross (x) deposited at base and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$
S19   S20
1936

Survey: Subdivision of T. 10 N., R. 4 W.

55

Chains  
 No bearing trees available.  
 Desc. 130 ft. over NW. slope.  
 55.20 Swale, drains NW.; heads about 5 chs. SE. Asc. 56 ft. over SW. slope.  
 58.30 Spur, slopes N. 60° W.; desc. 458 ft. over NE. slope.  
 72.10 Wash, 30 lks. wide, course NW.; a trail at this point brs. NW. and SE.; asc. 124 ft. over SW. slope to  
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, with a stone 2x4x6 ins., marked with a cross (x) deposited at base, and in a mound of stone to top, for cor. of secs. 17, 18, 19 and 20, with brass cap marked

T10N	R4W
S18	S17
S19	S20

1936

No bearing trees available.

U.S.L.M. No. 1124 bears N. 82 $\frac{1}{4}$ ° E., 9.44 chs. dist.

Land, mountainous.

Soil, rocky 4th rate.

Timber, mesquite and cottonwood.

Undergrowth, oakbrush, mahogany, laurel, catclaw and cacti.

East on a random line bet. secs. 17 and 20.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.90 Intersect N. and S. line 7 lks. N. of the cor. of secs. 16, 17, 20 and 21.  
 Thence  
 N. 89° 57' W. on true line bet. secs. 17 and 20.  
 Over mountainous land, through scattering timber and undergrowth.  
 Asc. 34 ft. over SE. slope.  
 2.15 Point of spur slopes SW. Desc. 64 ft. over W. slope.  
 6.32 Wash 10 lks. wide, course S. Asc. 12 ft. over SE. slope.  
 8.40 Desc. 54 ft. along broken S. slope.  
 24.55 Galvanized iron cabin 16x20 ft. bears S. 65° W.  
 37.00 Spur slopes SW. Desc. 22 ft. over W. slope to  
 39.95 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, deposit a stone marked with a cross (x) at base of post and raise a mound of stone around post, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$\frac{1}{4}$	S17
	S20

1937

from which

## Survey: Subdivision of T. 10 N., R. 4 W.

56

## Chains

A mesquite, 3 ins. diam., bears S. 19° E., 91 lks. dist. marked BT only.

No other bearing trees available.

Same galvanized iron cabin, noted at 24.55 ch. station bears S. 48½° W. This cabin is on right bank of a wash and there is about 5 acres of cleared land on the N. side of cabin.

Desc. 165 ft. over W. slope.

56.93 Wash 8 lks. wide, course S. Asc. 225 ft. over SE. slope.

67.03 Top of hill in ridge bearing N. 70° W. and N. 45° E.  
Desc. 315 ft. over W. and SW. slopes to

79.90 Cor. to secs. 17, 18, 19 and 20.

Land, mountainous.

Soil, rocky, 2nd and 4th rates.

Timber, buckeye, scrub oak, mesquite and catclaw.

Undergrowth, live oak, buckbrush and cacti.

West, on true line, bet. secs. 18 and 19.

Over mountainous land, through scattering timber and undergrowth.

Desc. 27 ft. over SW. slope.

1.96 Drain, 3 lks. wide, course S. near head; asc. 55 ft. over SE. slope.

5.75 Ridge, bears NE. and SW., near SW. end of same. Desc. 285 ft. over NW. slope to Antelope Creek.

15.48 Pipe line, 4 ins. diam., bears NE. and SW., from Yarnell Spring in SE. ¼ of sec. 8 southwesterly to Octave.

18.50 Antelope Creek, 40 lks. wide, course SW. Asc. 268 ft. over SE. slope to ¼ sec. cor.

18.77 Trail, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, with a stone 2x3x5 ins. mkd. with a cross (x) deposited at base, and in a mound of stone to top, for ¼ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S18}{S19}$$

1936

No bearing trees available.

Ascend 85 ft. over SE. slope.

51.50 Spur, slopes S. 10° W.; desc. 237 ft. over W. slope to

61.18 Intersect W. bdy. of the Tp.  
At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bedrock, with a stone marked with a cross (x) deposited at base, and in a mound of stone to top, for closing cor. of secs. 18 and 19, with brass cap marked

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 410

57

Chains

T10N	T10N	
R5W	R4W	
S24	S18	
	S19	-CC

1936

No bearing trees available. from which

The original cor. of secs. 13, 18, 19 and 24 bears N. 2.64 chs. dist., which is an iron post, 3 ins. in diam. projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor.

As this cor. now refers to secs. 13 and 24, T. 10 N., R. 5 W., only, change the marking on the brass cap to read

T10N	
R5W	R4W
S13	S18
S24	

1916-36

The original  $\frac{1}{4}$  sec. cor. of secs. 13 and 18 is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor.

As this cor. now refers to the quarters of sec. 13 only, change marking on brass cap to read

$\frac{1}{4}$
S13
1916-36

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, mesquite and cottonwood.  
Undergrowth, oakbrush, mahogany, laurel, catclaw and cacti.

From the cor. of secs. 17, 18, 19 and 20.

N. 0° 02' W., bet. secs. 17 and 18.

Over mountainous land, through scattering timber and undergrowth.

Asc. 123 ft. over SW. slope.

4.50 Top of ridge, 1 ch. wide, bears E. and W., which at 2 chs. W. of this point turns to SW.; desc. 209 ft. over N. slope.

11.05 Wash, 30 lks. wide, course W.; asc. 113 ft. over SE. slope.

16.85 Ridge, bears NE. and SW., near SW. end of same; trail, bears NE. and SW.; desc. 80 ft. over NW. slope.

29.06 Pipe line, 4 ins. in diam., bears NE. and SW.; trail, bears NE. and SW., alongside pipeline.

29.50 Antelope Creek, 30 lks. wide, course SW. Asc. 88 ft. over SE. slope to

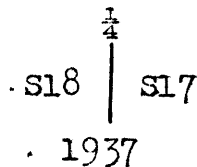
## Survey: Subdivision of T. 10 N., R. 4 W.

58

## Chains

40.00

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



No bearing trees available.

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

Ascend 216 ft. over SE. slope.

53.55

Spur, slopes SW.; asc. gradually along W. slope to

58.13

Desc. 38 ft. over NW. slope to

60.30

Wash, 15 lks. wide, course SW. Asc. 107 ft. over SE. slope to

67.20

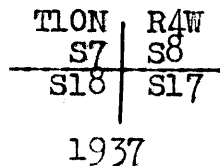
Same wash, 10 lks. wide, course SE.; asc. 209 ft. over SW. slope to

78.70

Same wash, 10 lks. wide, course SW.; asc. 14 ft. over SE. slope to

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 26 ins. in the ground for cor. of secs. 7, 8, 17 and 18, with brass cap marked



from which

A mahogany, 8 ins. diam., bears S.  $15\frac{1}{4}^{\circ}$  E., 227 lks. dist., marked T10N R4W S17 BT.

No other trees available.

Antelope Spring, at head of pipeline, extending southerly, bears S.  $37\frac{1}{2}^{\circ}$  W.

Land, mountainous.

Soil, rocky 3rd and 4th rates.

Timber, paloverde, oak and mahogany.

Undergrowth, oakbrush, catclaw, buckeye and cacti.

S.  $89^{\circ} 57'$  E. on a random line, bet. secs. 8 and 17.

40.00

Set temp.  $\frac{1}{4}$  sec. cor.

79.84

Intersect N. and S. line at 12 lks. S. of cor. of secs. 8, 9, 16 and 17.

Thence,

S.  $89^{\circ} 58'$  W., on true line, bet. secs. 8 and 17.

Over mountainous land, through scattering timber and undergrowth.

Desc. 741 ft. over NW. slope.

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 48

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## Chains

- 27.95 Pipe line, 4 ins. in diam., bears NE. and SW.
- 28.20 Yarnell Wash, 15 lks. wide, course SW.; asc. 6 ft. over SE. slope.
- 31.45 Spur, slopes SW.; desc. 59 ft. over NW. slope.
- 35.35 Antelope Creek, 20 lks. wide, course SW.; asc. 7 ft. over SE. slope to
- 39.92 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S8}{S17}$$

1937

No bearing trees available.

Raise a mound of stone 4 ft. base, 2 ft. high, N. of cor.

Asc. 168 ft. over broken SE. and E. slopes to

- 68.25 Spur, slopes S.; desc. 50 ft. over W. slope.
- 71.35 Wash, 8 lks. wide, course S.; asc. 36 ft. over E. slope.
- 76.04 Spur, slopes S.; desc. 58 ft. over W. slope.
- 79.20 Rocky wash, 10 lks. wide, course SW. near head. Asc. 11 ft. over SE. slope to
- 79.84 The cor. of secs. 7, 8, 17 and 18.

Land, mountainous.

Soil, rocky 4th rate.

Timber, scrub oak and catclaw.

Undergrowth, buckbrush, live oak, cacti and catclaw.

West, on true line, bet. secs. 7 and 18.

Over mountainous land, through scattering timber and undergrowth.

Asc. 26 ft. over SE. slope.

- 7.50 Desc. 10 ft. over SW. slope.
- 13.80 Wash, 15 lks. wide, course S.; asc. 323 ft. over SE. and E. slopes.
- 34.64 Antelope Spring, at head of pipe line, 2 ins. in diam., extending southerly therefrom, bears S. 56° E.
- 37.45 Ridge, bears N. and S.; desc. 16 ft. over W. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 25 ins. in the ground, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S7}{S18}$$

1937

from which

## Chains

A mahogany, 4 ins. in diam., bears S.  $39\frac{1}{2}^{\circ}$  W., 352 lks. dist., marked BT. only.

No other bearing tree available.

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

Desc. 200 ft. over W. slope.

52.40 Wash, 10 lks. wide, course SW.; asc. 20 ft. over SE. slope.

55.00 Spur, slopes SW.; desc. 63 ft. over NW. slope to closing cor.

61.22 Wire fence (3-strand) bears N. and S.

61.23 Intersect W. bdy. of the Tp.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to bedrock, with a stone marked with a cross (x) deposited at base, and in a mound of stone to top, for closing cor. of secs. 7 and 18, with brass cap marked

T10N	T10N	
R5W	S7	
S13	S18	CC

1937

from which

the original cor. of secs. 7, 12, 13 and 18, bears N. 2.46 chs. dist., which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor.

This cor. now refers to secs. 12 and 13, T. 10 N., R. 5 W. only, therefore change markings on the brass cap to read

T10N	
R5W	R4W
S12	S7
S13	

1916-37

This cor. is alongside a fence cor. from which wire fences extend N., S. and W.

The original  $\frac{1}{4}$  sec. cor. of secs. 7 and 12 is an iron post, 1 in. in diam., projecting 22 ins. above ground, firmly set in ground and mound of stone, marked on brass cap as described in the official record and witnessed by a mound of stone W. of cor.

This cor. now refers to the quarters of sec. 12 only, therefore change the marking on the brass cap to read

$\frac{1}{4}$
S12
1916-37

Land, mountainous.

Soil, rocky 4th rate.

Timber, mahogany and catclaw.

Undergrowth, scrub oak and cacti.

Survey: Subdivision of T. 10 N., R. 4 W.

FOOT CHAINS

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Chains	
	From the cor. of secs. 7, 8, 17 and 18.
	N. 0° 02' W., bet. secs. 7 and 8.
	Over mountainous land, through scattering timber and undergrowth. Asc. 35 ft. over SE. slope.
2.35	Asc. 725 ft. over S. slope.
20.50	S. edge of top of divide, bears N. 65° E. and S. 75° W.; saddle in divide bears S. 75° W. about 15 chs. dist. Over nearly level top to
24.30	N. edge of top of divide bears NE. and W. Leave top of divide. Desc. 363 ft. over N. slope.
39.34	Wash, 8 lks. wide, course W.; asc. 19 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor.; with brass cap marked
	$\frac{1}{4}$ S7   S8 1937
	from which
	A juniper, 10 ins. diam., bears N. 23° E., 228 lks. dist., marked $\frac{1}{4}$ S8 BT.
	A juniper, 16 ins. diam., bears S. 80° W., 252 lks. dist., marked $\frac{1}{4}$ S7 BT.
	Asc. 23 ft. over SW. slope.
43.00	Point of spur, slopes W.; desc. 45 ft. over NW. slope.
46.29	Wash, 6 lks. wide, course SW.; asc. 219 ft. over SE. slope to
53.50	Asc. 94 ft. over S. slope.
65.35	S. edge of top of ridge, bears E. and W. Desc. 43 ft. across top of ridge.
73.70	N. edge of top of ridge, bears E. and W. Leave top of ridge. Desc. 102 ft. over N. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 5, 6, 7 and 8, with brass cap marked
	TLON R4W S6   S5 S7   S8 1937
	from which
	A juniper, 8 ins. diam., bears S. 1 $\frac{1}{2}$ ° E., 208 lks. dist., marked TLON R4W S8 BT.
	A juniper, 10 ins. diam., bears S. 7 $\frac{1}{2}$ ° W., 390 lks. dist., marked TLON R4W S7 BT.
	A juniper, 8 ins. diam., bears N. 82 $\frac{1}{2}$ ° W., 54 lks. dist., marked TLON R4W S6 BT.



Chains	<p>No other bearing trees available.</p> <p>Land, mountainous.</p> <p>Soil, rocky 4th rate.</p> <p>Timber, scrub oak, mahogany and juniper.</p> <p>Undergrowth, buckbrush, live oak and cacti.</p>
	<p>N. 89° 58' E., on a random line, bet. secs. 5 and 8.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.82	Intersect N. and S. line at 2 lks. N. of cor. of secs. 4, 5, 8 and 9.
	Thence,
	N. 89° 59' W. on true line, bet. secs. 5 and 8.
	Over mountainous land, through scattering timber and undergrowth.
	Desc. 545 ft. over NW. slope.
37.60	Wash, 5 lks. wide, course NW.; asc. 10 ft. over NE. slope to
39.91	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone marked with a cross (x) deposited at base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\frac{1}{4} \frac{S5}{S8}$
	1937
	from which
	A juniper, 10 ins. diam., bears S. 79 $\frac{1}{2}$ ° E., 144 lks. dist., marked $\frac{1}{4}$ S8 BT.
	No other bearing tree available.
	Desc. 276 ft. over N. slope.
68.20	Wash, 5 lks. wide, course N.; asc. 19 ft. over NE. slope to
76.40	Desc. gradually over N. slope to
79.82	The cor. of secs. 5, 6, 7 and 8.
	<p>Land, mountainous.</p> <p>Soil, rocky 4th rate.</p> <p>Timber, oak, juniper, and mahogany.</p> <p>Undergrowth, oakbrush, buckbrush, live oak and cacti.</p>
	West, on true line, bet. secs. 6 and 7.
	Over mountainous land, through scattering timber and undergrowth.
	Desc. 143 ft. over N. slope to
17.70	Asc. 56 ft. over NE. slope.
35.40	Ridge, bears NW. and SE.; desc. 41 ft. over SW. slope to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, with a stone 4x6x8 ins., marked

Survey: Subdivision of T. 10 N., R. 4 W.

ECON 4000

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Chains

with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S 6}{S 7}$$

1937

from which

Juniper Spring bears S. 10°30'E., 32.85 chs. dist.

and from this spring,

A cement trough 15x5x1 ft. bears N. 40°W., 2.60 chs. dist., in a corral 66x132 ft.

A pipe line 2 ins. diam., conveys the water from spring to trough.

Desc. 299 ft. over SW. slope.

41.99 Trail, bears NW. and SE.

53.31 Wash, 20 lks. wide, course NW.; asc. 33 ft. over NE. slope to

60.00 Wash, 10 lks. wide, course N. 20°E.; asc. slightly over E. slope to closing cor.

60.82 Wire fence, (3-strand) bears N. and S.

60.86 Intersect W. bdy. of the Tp.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground with a stone 6x4x4 ins., marked with a cross (x) deposited at base, for closing cor. of secs. 6 and 7, with brass cap marked

T10N	
R5W	R4W
S12	S6
	S7-CC

1937

No bearing trees available.

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

From this closing cor. the original cor. of secs. 1, 6, 7 and 12 bears N. 2.45 chs. dist., which is an iron post, 3 ins. diam., projecting 12 ins. above ground, firmly set, marked on brass cap as described in the official record and witnessed by a mound of stone W. of cor.

As this cor. now refers to secs. 1 and 12, T. 10 N., R. 5 W. only, change the marking on the brass cap to read:

T10N	
R5W	R4W
S1	S6
S12	

1916-37

Survey: Subdivision of T. 10 N., R. 4 W.

64

Chains

The original  $\frac{1}{4}$  sec. cor. of secs. 1 and 6 is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, marked on brass cap as described in the official record, and witnessed by a mound of stone W. of cor.

As this  $\frac{1}{4}$  sec. cor. now refers to the quarters of sec. 1 only, change the marking on the brass cap to read:

$$\begin{array}{c} \frac{1}{4} \\ | \\ S1 \\ | \\ 1916-37 \end{array}$$

Land, mountainous.  
Soil, rocky, 4th rate.  
Timber, juniper.  
Undergrowth, oakbrush, laurel and mahogany.

From the cor. of secs. 5, 6, 7 and 8.

N.  $0^{\circ}02'W.$ , bet. secs. 5 and 6.

Over mountainous land, through scattering timber and undergrowth.

Desc. 105 ft. over N. slope.

6.00 Wash, 15 lks. wide, course NW. from E.

Junction of washes from E. and NE., bears E. about 1.00 ch. dist. Asc. 206 ft. over S. slope.

16.85 Spur, slopes W.; desc. 272 ft. over N. slope.

31.75 Wash, 10 lks. wide, course W.; asc. 119 ft. over S. slope.

37.60 Top of spur, about 2 chs. wide, bears E. and W. (sloping W.). Desc. 27 ft. over N. slope to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground, to bedrock, with a stone marked with a cross (x) deposited at base, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ | \\ S6 \} S5 \\ | \\ 1937 \end{array}$$

No bearing trees available.

Desc. 117 ft. over N. slope.

45.00 Wash, 10 lks. wide, course W.; asc. 110 ft. over S. slope.

49.75 S. edge of top of spur bears E. and W.; thence across level top of spur, sloping W.

52.00 N. edge of top of spur, bears E. and W. Leave top of spur; desc. 153 ft. over N. slope.

58.92 Wash, 10 lks. wide, course W.; asc. 110 ft. over S. slope.

65.40 S. edge of top of spur, bears E. and W. Thence across top of spur sloping W. to point about 10 chs. W.

Survey: Subdivision of T. 10 N., R. 4 W.

BOOK 4153

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Chains

68.30 N. edge of top of spur, bears E. and SW. Leave top of spur; desc. 30 ft. over NW. slope to

72.47 Intersect N. bdy. of Tp.

At point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to bedrock, with a stone marked with a cross (x) deposited at base, and in a mound of stone to top, for closing cor. of secs. 5 and 6, with brass cap marked

T11N	R4W
S31	
S6	S5
T10N	R4W
CC	

1937

No bearing trees available.

From this closing cor., the cor. of secs. 31 and 32, T. 11 N., R. 4 W., bears N.  $89^{\circ}16'$  E., 3.26 chs. dist. which is an iron post, 2 ins. in diam., projecting 18 ins. above ground firmly set in ground and mound of stone, with brass cap marked as described in the official record.

Add marks on brass cap to read:

T11N	R4W
S31	S32
S5	
T10N	R4W

1925-37

No bearing trees available.

Land, mountainous.  
Soil, rocky 4th rate.  
Timber, juniper.  
Undergrowth, oakbrush and cacti.

FINAL FIELD TEST OF BUFF TRANSIT No. 18000  
by Benjamin J. Kinsey, Surveyor

June 10, 1936: at station at the  $\frac{1}{4}$  sec. cor. of secs. 29 and 32, T. 10 N., R. 4 W., in latitude  $34^{\circ}10\frac{1}{2}'$  N., longitude  $112^{\circ}42'$  W., examine the adjustments of the transit and find no errors. Then, to test the workings of the solar apparatus on the meridian established by Polaris observation at this station on April 30, 1936, as herebefore described, proceed as follows:

At 9h.00m., a.m., app.t., set off  $34^{\circ}10\frac{1}{2}'$  N. on the lat. arc;  $23^{\circ}02\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian and obtain a reading of  $23^{\circ}03'$  N. on the decl. arc, which agrees with the computed declination of the sun.

At 3h.00m., p.m., app.t., with the lat. arc unchanged, set off  $23^{\circ}04'$  N. on the decl. arc and determine a meridian with the solar, which agrees with the true meridian.

As all of the observations, taken during the usual hours of solar work, agree within 1' with the true meridian, conclude that this instrument has remained in satisfactory adjustment throughout the period it was used in the execution of the surveys hereinbefore described.

FINAL FIELD TEST OF BUFF TRANSIT No. 23829  
and YOUNG & SONS TRANSIT No. 8570  
by Roger F. Wilson, Surveyor.

May 28, 1937: at station near the  $\frac{1}{4}$  sec. cor. of secs. 26 and 27, T. 11 N., R. 4 W., in latitude  $34^{\circ}16'N.$ , longitude  $112^{\circ}39'W.$ , examine the adjustments of the transits and find no errors.

Then, to test the solar apparatus on the meridian established by Polaris observation at this station on May 17 and 18, 1937, as hereinbefore described, proceed as follows:

At 9h.00m., a.m., app.t., set off  $34^{\circ}16'N.$  on the lat. arcs;  $21^{\circ}31'N.$  on the decl. arcs, and determine a meridian with each solar, both of which agree with the true meridian.

At app. noon, with the lat. arcs unchanged, observe the sun on the meridian, and obtain a reading of  $21^{\circ}32'N.$  on both decl. arcs, which agrees with the computed declination of the sun.

At 3h.00m., p.m., app.t., with the lat. arcs unchanged, set off  $21^{\circ}33\frac{1}{2}'N.$  on both decl. arcs and determine a meridian with each solar, both of which agree with the true meridian.

As all of the observations, taken with both instruments during the usual hours of solar work agree within 1' with the true meridian, conclude that these instruments have remained in satisfactory adjustment throughout the period that they were used in the execution of the surveys hereinbefore described.

GENERAL DESCRIPTION

The surface of nearly all of this township is mountainous, being in the Weaver Mountains, the main divide of which follows an irregular course, easterly thru south half of sec. 7, northeasterly thru sec. 8 into the SW.  $\frac{1}{4}$  of sec. 4 where it branches, one part extending northeasterly thru sec. 4 into the adjoining township, and the other part extending southeasterly into the NE.  $\frac{1}{4}$  of sec. 9, thence southerly thru secs. 9, 16 and part of sec. 21, southwesterly thru part of sec. 21, westerly thru sec. 20, and southwesterly thru parts of secs. 19 and 30 to point in sec. 30 where the main divide merges into Rich Hill, bearing N. and S. thru parts of secs. 30 and 31 and forming the terminus of the main divide. From a point in NE.  $\frac{1}{4}$  of sec. 16 a ridge extends southeasterly from the main divide, leaving the township on the south bdy. of sec. 34. Several other ridges branch off from the main divide in various parts of the township. The surface is broken by many spurs, peaks and buttes, causing a great number of ravines, washes, draws and drains. Elevation ranges from 3500 ft. on S. bdy. of sec. 32 in Weaver Creek to 6391 ft. in SE.  $\frac{1}{4}$  of sec. 9 where a U.S.G.S. Bench Mark indicates that elevation

on its brass cap.

The drainage of the East half of the township, except part of sec. 3, is easterly into the Hassayampa River, course southerly thru the eastern part of the adjoining township to the east, and which is a tributary of the Gila River. The principal water courses draining the east half of the township are Blackwater, Cottonwood and Spring Creeks. Parts of secs. 3 and 4 are drained by Arastra Creek, heading in sec. 4, flowing northeasterly thru the SE.  $\frac{1}{4}$  of T. 11 N., R. 4 W., thence southeasterly into the Hassayampa River. Antelope Creek, heading in NW.  $\frac{1}{4}$  of sec. 9, and Weaver Creek, heading in the NW.  $\frac{1}{4}$  of sec. 29, drain most of the West half of the township, and are also tributaries of the Hassayampa River. Secs. 5 and 6, and parts of secs. 4, 7 and 8 drain northwesterly into Kirkland Creek which is part of the drainage system of the Williams River, a tributary of the Colorado River.

The soil over nearly the entire surface of the township is rocky 4th rate except along some of the creeks and washes where there is a sandy and gravelly 3rd rate, and along others where small areas of black loam, 2nd rate, is found.

The timber, consisting of juniper, pinyon, oak, mahogany, catclaw, paloverde, mesquite, ironwood, cottonwood, laurel, hackberry and walnut, is scattering over many parts of the township, but is prevalent mainly along the water courses. Most of the slopes are bare of timber, and most of the timber is of little commercial value.

The undergrowth, consisting of oak brush, scrub mahogany, catclaw and laurel, buckeye, mescal, manzanita, service, buckbrush, cacti, and grasses, in both scattering and dense growths, is prevalent over the entire township.

Though none of the water courses in the township carry a permanent flow of water, there are many springs in various parts, nearly all of which produce a permanent flow of good water. The principal springs are: Juniper Spring in sec. 7; Yarnell Spring in sec. 8; Blackwater Spring and three others in sec. 10; and Antelope Spring in sec. 18. There are seep springs in Arastra Creek in sec. 4, and other springs as follows: one each in secs. 15, 16, 21, 22, 24, 30 and 31; and two each in secs. 27 and 34. Many of these springs have been improved for stock watering and mining purposes. A pipe line conveys water from Antelope Spring and Yarnell Spring southerly to the mining town of Octave in the adjoining township on the south. A pipe line conveys water from the spring in sec. 30 easterly to the Johnson Mine in sec. 29. Juniper Spring has a short pipe line conveying water to a cement trough in a nearby corral.

A road from Octave northerly along Weaver Creek thru secs. 29 and 32 to the Johnson Mine, and another road to the mines in the SE.  $\frac{1}{4}$  of sec. 33 from Octave, constitute the only roads in the township, though several trails connect with these roads and traverse many parts of the township. A trail from the Lange Ranch in secs. 10 and 11 extends northerly to Arastra Creek in T. 11 N., R. 4 W.

The improved State highway from Phoenix to Prescott extends northeasterly and southwesterly thru the adjoining townships on the West and North.

Charles Lange has a ranch in secs. 3, 10 and 11, on Blackwater Creek, and has improvements consisting of house, barn, cabins, orchard, pasture and fences enclosing about 240 acres in said secs.

Besides the improvements at the Lange Ranch and the pipe line improvements hereinbefore mentioned in the description of the springs, there is a cabin in sec. 20, a house in sec. 30, a group of buildings at the Johnson Mine in sec. 29, a tent house in the southern portion of same section, buildings at the Bee Hive Mine in sec. 33, and a power line northerly thru secs. 29 and 32 to the Johnson Mine.

The south half of the township contains valuable mineral deposits, especially around RICH HILL. There are about 20 patented lode mining claims, situate in secs. 29, 30, 31, 33 and 34. Mining work is now being done at the Johnson Mine in sec. 29, the Bee Hive Mine in sec. 33, and placer mining along Weaver Creek. The entire township is located in WEAVER MINING DISTRICT, Arizona.

The township is valuable for mining and grazing.





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BOOK 403

CERTIFICATE OF UNITED STATES SURVEYER

I, Benjamin J. Kinsey, Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day of October, 1934 received from the district cadastral engineer for Arizona, with assignment instructions dated February 4, 1936, I have surveyed retraced part of East Boundary T. 10 N., R. 4 W., surveyed part of East Boundary of T. 10 N., R. 5 W., and part of Subdivision Lines of T. 10 N., R. 4 W.

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said retracement and 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.

PHOENIX, ARIZONA
November 3, 1938

Benjamin J. Kinsey
Surveyor

CERTIFICATE OF APPROVAL

Office of U.S. Supervisor of Surveys,
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The foregoing field notes of the survey of

executed by
under special instructions dated
instructions dated
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

U.S. 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.

U.S. Supervisor of Surveys.



BOOK 4153

CERTIFICATE OF UNITED STATES SURVEYER

I, Albert Greene, Transitman (P.W.) ... HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day of October, 1934 received from the district cadastral engineer for Arizona, with assignment instructions dated May 13, 1937, I have surveyed

Part of Subdivision Lines of Township 10 North, Range 4 West

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said 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.

PHOENIX, ARIZONA

June 3, 1938

Albert Greene

Transitman (P.W.)

CERTIFICATE OF APPROVAL

Office of U.S. Supervisor of Surveys

The foregoing field notes of the survey of

executed by ... under special instructions dated ... and assignment instructions dated ... 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.

U.S. 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.

U.S. Supervisor of Surveys

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BOOK 4153

4-680  
(Revised May 1934)

**FIELD ASSISTANTS**  
to

**Roger F. Wilson, Surveyor**

NAMES	CAPACITY
Norton B. Stephenson	Prin. Assistant
Ellis W. Murphy	Chainman
A.C. Terry	Chainman
Bithel L. Sizemore	Flagman
Arnold H. McIntyre	Moundsman
Ray W. Hammack	Axman
Edwin Forbes Gutzman	Axman

**CERTIFICATE OF UNITED STATES SURVEYER**

I, Roger F. Wilson, Surveyor, HEREBY CERTIFY upon honor that, in  
pursuance of special instructions bearing date of the 5th day of October, 1934  
received from the district cadastral engineer for Arizona, with assignment  
instructions dated May 13, 1937, I have resurveyed part of South Boundary  
of Township 11 North, Range 4 West and surveyed part of Subdivision  
Lines of Township 10 North, Range 4 West

of the Gila & Salt River Meridian, in the State of Arizona, which are  
represented in the foregoing field notes as having been executed by me and under my direction; and that said  
resurvey and  
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.

*Benjamin J. Kinsey*  
November 8, 1938

*Roger F. Wilson*  
Surveyor

**CERTIFICATE OF APPROVAL**

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, Nov 21, 1938

The foregoing field notes of the retracement of part of E. Bdy. of T. 10 N.,  
R. 4 W., of the resurvey of part of S. Bdy. of T. 11 N., R. 4 W., and of the survey of  
Subdivision Lines of T. 10 N., R. 4 W. and part of E. Bdy. of T. 10 N.,  
R. 5 W. of the Gila & Salt River Meridian, in the State of Arizona.

executed by Roger F. Wilson & Benjamin J. Kinsey, Surveyors & Albert Greene,  
Transitman (P.W.)

under special instructions dated October 5, 1934, for Group 206, Ariz., and assignment  
instructions dated February 4, 1936 and May 13, 1937, having been critically examined, and

the necessary corrections made prior to their certification by the engineer, the said field notes, and the retrace-  
ment, resurvey and survey  
therein described, are hereby approved.

*Benjamin J. Kinsey*

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.~~

~~U.S. Supervisor of Surveys.~~