In November 2005,
when the files were moved into the new filing system the

___X___ FIELD NOTES

were found missing.

They are filmed on the microfiche for the township.

The attached

is a print

from the microfiche

VOLUME

R 3 7 3 9

Book "B"

1044

277

FIELD NOTES

OF THE RESURVEY OF

rt of West Boundary of Township 15 North, Range 3 West,

rt of East Boundary of Township 15 North, Range 5 West,
and
rt of East Boundary of Township 16 North, Range 5 West,

AND OF THE SURVEY OF

st Boundary,

st Boundary and

bdivision Lines of

ac. Township 15½ North, Range 4 West,

and

undary of Tract No. 39, of

actional Township 15½ North, Range 4 West,

Of the Gila and Salt River Base and *Meridian,*

the State of Arizona

EXECUTED BY

Sidney E. Blout,

U. S. Cadastral Engineer

the capacity of U. S. Surveyor , under Special Instructions dated February 11 *, 1924,*

ued by the United States Surveyor General to govern surveys included in Group

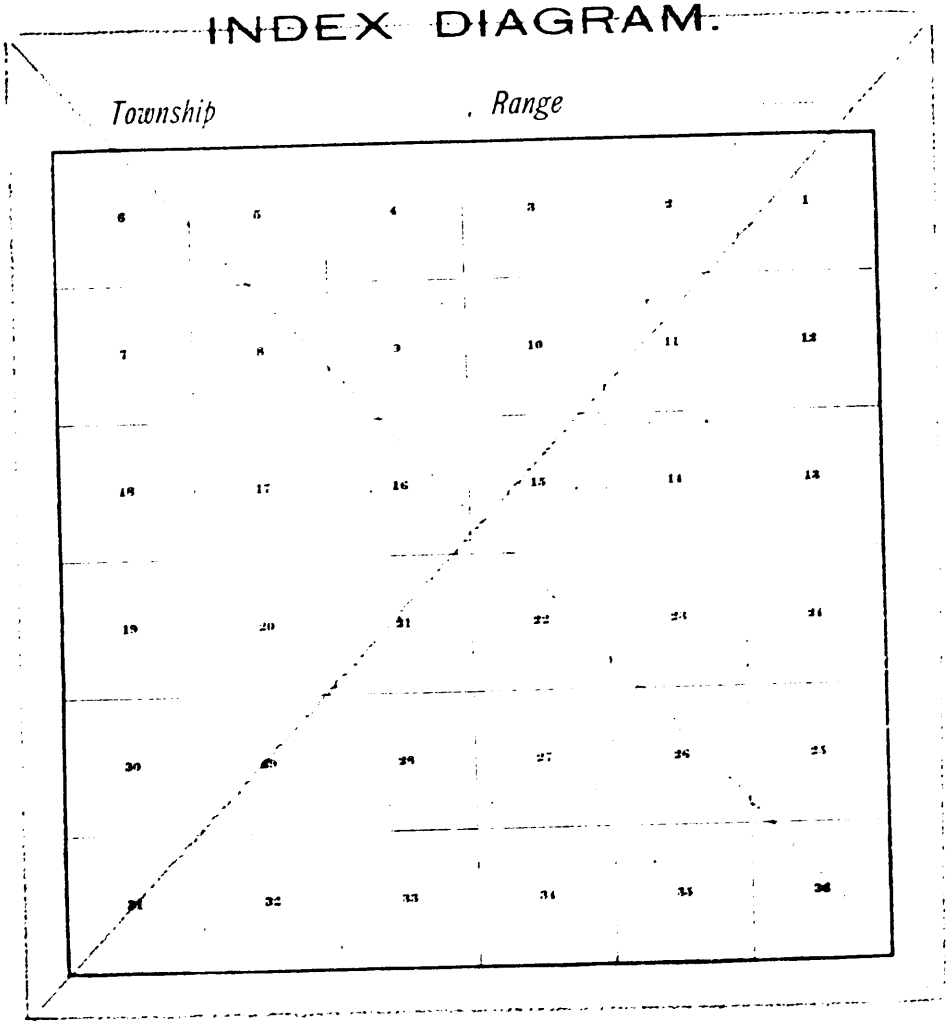
. 128, Arizona *, which were approved by the Commissioner of the General Land*

fice, March 10, *, 1924, and Assignment Instructions dated* May 1, *, 1924.*

urvey & *Survey commenced* June 10, *. 1924.*

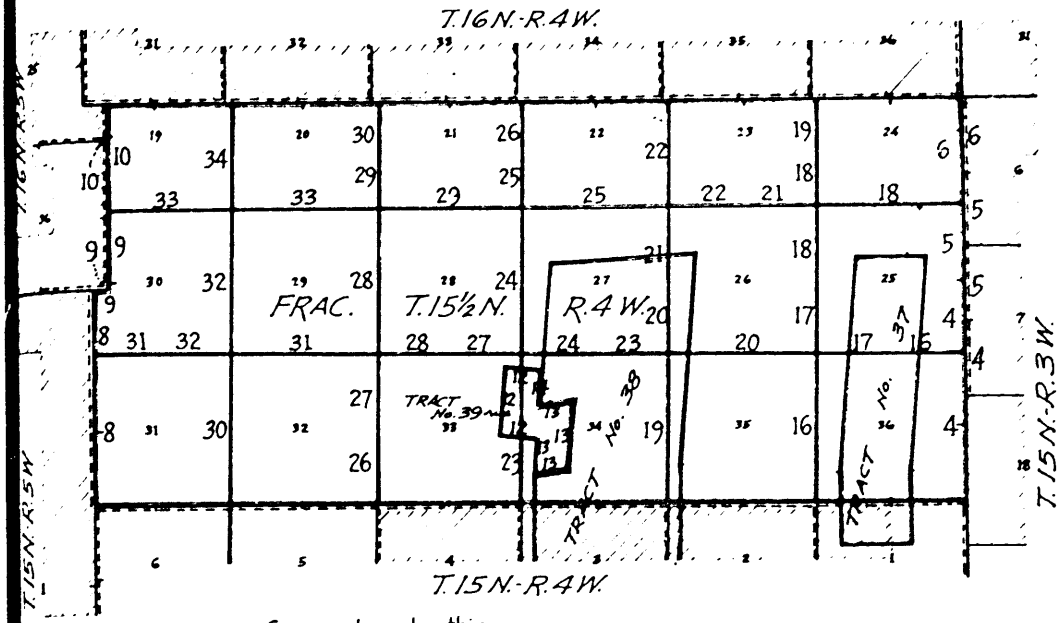
urvey & *Survey completed* June 24, *. 1924.*

INDEX DIAGRAM.



Book "B" 279

INDEX DIAGRAM



Surveyed under this group.

Resurveyed under this group.

Surveyed with reference to one township. } This group
Resurveyed with reference to one township.

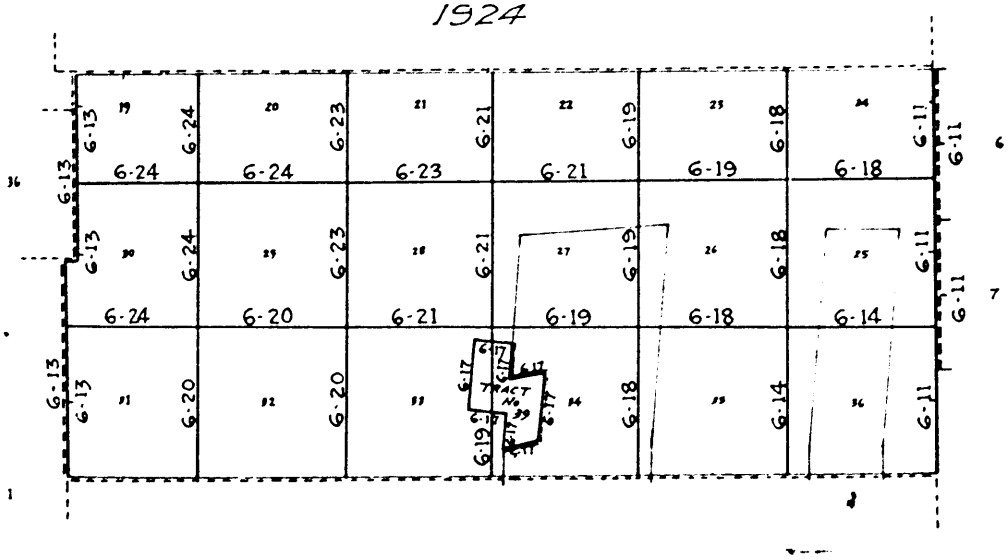
Accepted surveys.

TRACT No. 39 Tracts surveyed under this group.

Areas surveyed as per accepted plats on file.

· DATE · DIAGRAM ·

1924



Surveyed by Sidney E. Blout, U.S. Cadastral Engineer on dates shown thereon

Resurveyed by Sidney E Blout, U.S.C.E. on dates shown thereon.

Surveyed by S.E. Blout, U.S.C.E. - Notes and dates in other books of this group.

Resurveyed by S.E. Blout, U.S.C.E - Notes and dates in other books of this group.

Resurveys and surveys hereinafter described were executed on dates shown on diagram on page 1 hereof, by Sidney E. Blout, U. S. Cadastral Engineer, using a Buff Rocky Mountain Favorite Solar transit No. 16724 with U-shaped standards, 4½ inch horizontal circle, 4 inch vertical circle and Improved Smith solar attachment.

The instrument was examined, tested on the meridian at the Federal Building at Phoenix, Ariz., April 30, 1924 found correct and was approved May 1, 1924, by the Assistant Supervisor of Surveys for Arizona and California, conditional upon satisfactory field tests.

Unless otherwise specified, all azimuth determinations are accomplished with the solar attachment, except the special observations on Polaris and the sun for meridian upon which to test the solar apparatus as stated in the field notes.

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

TEST OF BUFF SOLAR TRANSIT NO. 16724.

- - - - - - - - - - - - - - - - - - - -

June 10, 1924: At camp near the cor. of secs. 3, 4, 33 and 34, on S. bdy. of fractional T. 1½ N., R. 4 W., of the Gila and Salt River Base and Meridian, Arizona, in lat. 34° 40' 31" N., and longitude 112° 41' 20" W., examine the adjustments of the transit and find them correct, then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m and p. m. hours with a meridian established by observations on Polaris; proceed as follows:

June 10, 1924: at 3 h. 00 m., p. m., l. m. t., set off 34° 40½' N. on the lat. arc, 23° 3½' N. on the decl. arc and determine a meridian with the solar and mark a point thereon on a granite boulder about 6 chains N.

At same station, at 10 h. 46 m., p. m., by watch set by Western Union clock to read correct local mean time; observe Polaris east of the meridian making four observations, two each with the telescope in direct and reversed positions and mark the mean point in the line thus determined on a stake driven firmly in the ground about 6 chains N.

Azimuth of Polaris = 0° 48.3' E.

June 11, 1924: lay off the azimuth of Polaris 0° 48' to the west and mark the meridian thus determined by a notch chiseled in the boulder about 6 chains N. on which the meridian falls 1' E. of the mark determined last evening by the solar.

At same station at 7 h. 00 m., a. m., l. m. t.; set off 34° 40½' N. on the lat. arc, 23° 7' N. on the decl. arc and determine a meridian with the solar which falls 0½' E. of the true meridian.

As all the solar observations made during the usual hours of solar work agree within 1' of the meridian established by the Polaris observations, conclude that the adjustments of the instrument are satisfactory.

Survey of East Bdy. of Fractional Township 15½ North, R. 4 W.,
and Resurvey of Part of West Boundary of T. 15 N., R. 3 W.,

Chains The north half of west boundary of T. 15 N., R. 3 W., was surveyed due south, by S. W. Foreman, U. S. D. S., in 1871, establishing quarter-section and section corners alternately thereon at 40.00 chain intervals, with a common reference to areas on both sides of the line. No retracement or resurvey of this part of the range line is of record, and the south half of west boundary of T. 15 N., R. 3 W., in unsurveyed.

The north half of east boundary of T. 15 N., R. 4 W., was resurveyed, and the south half of same boundary surveyed as described in Book "A" of this group, in which resurvey the NE. cor. of T. 15 N., R. 4 W., was reestablished at 92.70 chains due south of the original quarter-section corner of Secs. 7 and 12, T. 15 N., Rs. 3 and 4 W. No original cor. monuments could be found south from said quarter-section corner. In said resurvey and survey, section and quarter-section corner monuments were reestablished and established to refer to areas in T. 15 N., R. 4 E., and no cors. referring to T. 15 N., R. 3 W., were established or reestablished on said line.

The following notes describe a survey of the East boundary of Fractional T. 15½ N., R. 4 W., combined with a resurvey of the North two miles of west boundary of T. 15 N., R. 3 W., establishing quarter-section and section corners referring to areas in Fractional T. 15½ N., R. 4 W., only, alternately, at intervals of 40.00 chains in northing counting from the south, reestablishing cor. of secs. 7 and 18, T. 15 N., R. 3 W., at 40.00 chains S. from original quarter-section cor. of secs. 7 and 12, reconstructing said original quarter-section corner in same position with altered reference to quarters of section 7, only, and reestablishing missing original corners at proportional intervals between said original quarter-section corner and the original corner of Ts. 15 and 16 N., Rs. 3 and 4 W.

Retracement for SURVEY and RESURVEY.

From orig. cor. of Ts. 15 and 16 N., Rs. 3 and 4 W., hereinafter described.
South, on a random line, searching diligently at record intervals for the original corner monuments, and setting temp. corners at such intervals.
Find no trace of any old cor. on the line until at
121.71 Fall 290 lks. W. of the orig. ¼ sec. cor. of secs. 7 and 12 hereinafter described.
True course and dist. of range line back to T. cor. are, therefore, N. 1° 22' W., 121.74 chs., which to maintain orig. position bet. cor. intervals gives three intervals of 40.58 chs. each for reestablishment of missing corners referring to T. 15 N., R. 3 W.

Retracement of S. ½ of W. bdy. of sec. 7, and all of W. bdy. of sec. 18, executed as described in Book "A" and no orig. cor. monuments were found.

SURVEY.

From the reestablished cor. of T. 15 N., R. 4 W. (NE.Cor.) described in Book "A" of this group.

Survey of East Boundary of Fractional T. 15½ N., R. 4 W.,
and Resurvey of Part of West Boundary of T. 15 N., R. 3 W.

Chains North, on true line, on E. bdy. of sec. 36.
Over gently rolling land, thru scattering timber and dense undergrowth. Desc. 16 ft. over NE. slope to
3.20 Foot of descent, brs. NW. and SE. Enter nearly level land.
8.50 Center of wash, 100 lks. wide, 2 ft. deep, course N.80°W.
16.20 Leave nearly level and enter rolling land.
Ascend 70 ft. over S. slope.
28.00 Low ridge, brs. E. and W. Desc. 39 ft. over NW. slope to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and deposit a stone marked with a cross (X) at base of post for ¼ sec. cor. of sec. 36, only, marked on brass cap

¼ S 36 |
1924

No bearing trees available.
Descend gradually over W. slope to
52.70 (40.00 chs. S. of ½ sec. cor. of sec. 7)
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, and deposit a stone marked with a cross (X) at base of post, for reestablished cor. of secs. 7 and 18, only, marked on brass cap

T 15½ N | T 15 N
S 36 | S 7
R 4 W | S 18
R 3 W
1924

No bearing trees available.
Continue line and measurement, surveying E. bdy. of fractional T. 15½ N., R. 4 W., and resurveying part of W. bdy. of T. 15 N., R. 3 W.
Descend gradually over W. slope.
60.70 Low ridge, bears N. and S. 30° E. Desc. gradually along top of low ridge to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground and deposit a stone marked with a cross (X) at base of post for cor. of secs. 25 and 36, only, marked on brass cap

T 15½ N | T 15 N
S 25 | S 7
S 36 | R 3 W
R 4 W
1924

No bearing trees available.
Land, rolling and nearly leve.
Soil, gravelly and stony, 2nd and 3rd rate.
Timber, juniper and cedar.
Undergrowth, scrub juniper, cedar and oak.

North, on true line on E. bdy. of sec. 25.
Over rolling land, thru scattering timber and dense undergrowth. Descend gradually along top of low ridge
9.25 Leave top of ridge, brs. NW. and S.
Desc. gradually over NE. slope to.
12.70 (40.00 chs. N. from cor. of secs. 7 and 18).
Intersect the original ¼ sec. cor. of secs. 7 and 12, which is a granite stone 6 x 8 x 8 ins. above ground, firmly set, marked ¼ on W. face, and witnessed by a mound of stone W. of cor. No bearing trees.
Reconstruct this cor. monument and alter same to refer

Survey of East Boundary of Fractional T. 15½ N., R. 4 W., and Resurvey of Part of West Boundary of T. 15 N., R. 3 W.

Chains to the quarters of sec. 7, only, as follows:
Alongside old stone, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for reestablished ¼ sec. cor. of sec. 7, only, marked on brass cap

¼ S 7
1924

No bearing trees available.
Destroy the old stone mound N. of cor. and raise a mound of stone 2 ft. base, 1½ ft. high E. of cor.
Thence
N.-1° 22' W., on true line, continuing measurement of E. bdy. of sec. 25
Descend 46 ft. over NE. slope to
40.01 (40.00 chs. in northing).
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor. of sec. 25, only, marked on brass cap

¼ S 25
1924

from which
A juniper, 4 ins. in diam., brs. N. 82° W., 26 lks. dist., marked ¼ S 25 B T.
A juniper, 6 ins. in diam., brs. S. 25½° W., 66 lks. dist., marked ¼ S 25 B T.
Descend slightly over NE. slope.
41.50 Wash, 5 lks. wide, course NW. Asc. 72 ft. over SW. slope to
55.28 (Proportional dist. of 40.58 chs. N. 1° 22' W., from ¼ sec. cor. of sec. 7).
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, and deposit a stone, marked with a cross (X) at base of post, for reestablished cor. of secs. 6 and 7, only, marked on brass cap

T 15½ N | T 15 N
S 25 | S 1
R 4 W | R 3 W
1924

No bearing trees available.
55.30 Low ridge, brs. NW. and SE. Desc. gradually over NE. slope to sec. cor.
76.00 Leave timber, brs. NW. and SE.
80.02 (80.00 chs. northing)
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground and deposit a stone marked with a cross (X) at base of post, for cor. of secs. 24 and 25, only, marked on brass cap

T 15½ N | T 15 N
S 24 | S 6
S 25 | R 3 W
R 4 W |
1924

Land, rolling.
Soil, sandy and stone, 2nd and 3rd rate.
Timber, scattering juniper and cedar.
Undergrowth, scrub oak, juniper and cedar.

Survey of East Boundary of Fractional T. 15½ N., R. 4 W.,
and Resurvey of Part of West Boundary of T. 15 N., R. 3 W.

Chains N. 1° 22' W., on true line, on E. bdy. of sec. 24.
Over rolling land, thru dense undergrowth.
Desc. gradually over NE. slope to
13.84 (Proportional dist. of 40.58 chs. N. 1° 22' W., from cor. of secs. 6 and 7)
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, and deposit a stone marked with a cross (X) at base of post, for reestablished ¼ sec. cor. of sec. 6, only, marked on brass cap

¼ S 6
1924

No bearing trees available.
Descend gradually over NE. slope
25.30 Wash, 40 lks. wide, 3 ft. deep, course NW. Asc. 55 ft. over SW. slope to ¼ sec. cor.
39.30 Wire fence, bears N. 60½° E. and S. 60½° W.
40.01 (40.00 chs. in northing) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and deposit a stone marked with a cross (X) at base of post for ¼ sec. cor. of sec. 24, only, marked on brass cap

¼ S 24
1924

No bearing trees available.
Ascend gradually over SW. slope to T. cor.
54.42 (40.58 chs. N. 1° 22' W., from ¼ sec. cor. of sec. 6).
Intersect the original cor. of Ts. 15 and 16 N., Rs. 3 and 4 W., which is a cedar stake, 2 ft. long, 2½ ins. square, mkd. T XVI N S XXXI on NE. face,
R III W S VI on SE. face,
T XV N S 1 on SW. face,
R IV W S XXXVI on NW. face, 6 notches on each of E., W., N. and S. edges and firmly set in a mound of stone. No bearing trees.
Reconstruct this corner monument as follows:
Alongside the old stake, set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, and deposit a stone marked with a cross (X) at base of post, for cor. of Frac. T. 15½ N., R. 4 W., T. 15 N., R. 3 W., and Ts. 16 N., Rs. 3 and 4 W., marked on brass cap

T 16 N
R 4 W | R 3 W
S 36 | S 31
S 24 | S 6
T 15½ N | T 15 N
R 4 W | R 3 W
1924

No bearing trees available.
Land, rolling.
Soil, sandy and gravelly, 2nd and 3rd rate.
Timber, none.
Undergrowth, scrub oak, manzanita and sage brush.

Survey of West Boundary of Fractional T. 15½ N., R. 4 W., Resurvey of Part of East Boundary of T. 15 N., R. 5 W., and Part of East Boundary of T. 16 N., R. 5 W.

Chains The east boundary of T. 15 N., R. 5 W., was surveyed by Philip Contzen, U. S. D. S., in 1897, establishing all corners thereon with a common reference to T. 15 N., Rs. 4 and 5 W., and terminating same with a closing cor. on the S. bdy. of T. 16 N., R. 5 W. No retracement or resurvey of any portion of E. bdy. of T. 15 N., R. 5 W., is of record.

The E. bdy. of T. 16 N., R. 5 W., was surveyed in 1871, by S. W. Foreman, U. S. D. S., establishing all corners thereon with a common reference to Ts. 16 N., Rs. 4 and 5 W. In 1903, A. D. Mader, U. S. D. S., made an independent resurvey of this township boundary about 20.00 chs. E. of its original position and reestablished all corners thereon with a common reference to T. 16 N., Rs. 4 and 5 W. No other resurvey of the line is of record.

The south 484.38 chs. of E. bdy. of T. 15 N., R. 5 W., was resurveyed in connection with resurvey of W. bdy. of T. 15 N., R. 4 W., as described in Book "A" of this group.

The following notes describe a survey of the west boundary of Fractional T. 15½ N., R. 4 W., combined with a resurvey of the North 117.50 chains of E. bdy. of T. 15 N., R. 5 W., and the south one mile of East bdy. of T. 16 N., R. 5 W. (Mader's resurvey), offsetting 8.85 chs. on the S. bdy. of T. 16 N., R. 5 W. The quarter-section and section corners referring to areas in Frac. T. 15½ N., R. 4 W., only, are established alternately at 40.00 chains in northing, counting from the south, and proper alterations are made in the old cor. monuments in order to change their reference.

The east half of S. bdy. of Sec. 36, T. 16 N., R. 5 W., part of which forms a part of W. bdy. of Frac. T. 15½ N., R. 4 W., is resurveyed as described in Book "D" of this group, which book also contains description of the resurvey of the remainder of the E. bdy. of T. 16 N., R. 5 W.

Retracement for SURVEY and RESURVEY.

For notes of retracement of the E. bdy. of T. 15 N., R. 5 W., see notes of the resurvey of the west boundary of T. 15 N., R. 4 W., in Book "A" of this group.

From the cor. of Ts. 16 N., Rs. 4 and 5 W., hereinafter described.
North, on a random line on E. bdy. of sec. 36 (S. ½).
40.12 Fall 2 lks. E. of the previously reestablished ¼ sec. cor. of secs. 31 and 36, hereinafter described.
True bearing and distance of S. ½ of E. bdy. of sec. 36 are, therefore, N. 0° 02' W., 40.12 chs.
Thence
North, on a random line on E. bdy. of sec. 36 (N. ½).
40.07 Fall 12 lks. W. of the previously reestablished cor. of secs. 25, 30, 31 and 36, hereinafter described.
True course and dist. of N. ½ of E. bdy. of sec. 36 are, therefore, N. 0° 10' E., 40.07 chs.

Survey of West Boundary of Fractional T. 15½ N., R. 4 W.,
Resurvey of Part of East Boundary of T. 15 N., R. 5 W.,
and Part of East Boundary of T. 16 N., R. 5 W.

Chains North, on a random line, on E. bdy. of sec. 25 (S.½).
18.60 Intersect the resurveyed S. bdy. of T. 16 N., R. 4 W., at a point 15.93 chs. S. 89° 51' E., from reestablished cor. of T. 16 N., R. 4 W. (SW. cor.) described in Book "C" of this group.
Set temp. closing cor. and continue line and measurement.
39.91 Fall 9 lks. E. of the previously reestablished ¼ sec. cor. of secs. 25 and 30, described in Book "D".
True course and distance of S.½ of the Mader resurveyed E. bdy. of sec. 25 are, therefore, N. 0° 08' W., 39.91 chs., and the true line will intersect the S. bdy. of T. 16 N., R. 4 W., at 15.94 chs., S. 89° 51' E., from reestablished cor. of T. 16 N., R. 4 W. (SW.Cor.)

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SURVEY and RESURVEY.

From the cor. of T. 15 N., R. 4 W. (NW. Cor.) and Frac. T. 15½ N., R. 4 W. (SW.Cor.), described in Book "A" of this group.
North, on true line on W. bdy. of sec. 31.
Over stony mountainous land, thru dense undergrowth.
Asc. 63 ft. over SE. slope.
8.00 Ridge, bears N. 70° E., and S. 70° W. Desc. 240 ft. over rocky NW. slope.
22.40 Wash, 8 lks. wide, course N. 30° W. Desc. gradually over W. slope to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground and deposit a stone marked with a cross (X) at base of post, for ¼ sec. cor. of sec. 31, only, marked on brass cap

¼ S 31
1924

No bearing trees available.
50.70 Bottom of ravine, 10 lks. wide, course NE.
Ascend 114 ft. over SE. slope.
52.30 Wire fence, bears NE. and SW.
70.00 Top of ascent on E. slope of spur, Desc. 34 ft. over NE. slope to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground and deposit a stone marked with a cross (X) at base of post, for cor. of secs. 30 and 31, only, marked on brass cap

T 15 N	T 15½ N
S 1	S 30
	S 31
R 5 W	R 4 W
1924	

No bearing trees available.
Raise a mound of stone 2 ft. base, 1½ ft. high E. of cor.
Land, mountainous.
Soil, stony, 3rd rate.
Timber, none.
Undergrowth, mountain mahogany, manzanita and scrub oak.

- -

North, on true line, on W. bdy. of sec. 30.
Over mountainous land, thru dense undergrowth and scatter-

Survey of West Boundary of Fractional T. 15½ N., R. 4 W.,
Resurvey of Part of East Boundary of T. 15 N., R. 5 W.,
and Part of East Boundary of T. 16 N., R. 5 W.

Chains

ing timber.
Desc. 195 ft. over broken NE. slope to
30.00 foot of descent, brs. NW. and SE. Leave mountainous and enter rolling land in valley.
37.50 (159.10 chs. N. from ¼ sec. cor. of sec. 1, T. 15 N., R. 5 W.).
Intersect the closing cor. of T. 15 N., Rs. 4 and 5 W., which is a red granite stone 6 x 8 x 8 ins. above ground, marked C C on S. face, with 6 grooves on each of E., S. and W. faces, and witnessed by three pits crosswise on each line E. and W. 3 ft. and S. of stone 5 ft. dist., and remains of an earth mound S. This cor. now becomes a closing cor. of Frac. T. 15½ N., R. 4 W., and T. 15 N., R. 5 W. Obliterate grooves on E. face of the stone.
Thence offset 8.83 chs. N. 89° 29' E., as per result of resurvey of E.½ of S. bdy. of Sec. 36, T. 16 N., R. 5 W., as described in Book "D".
37.58 (in northing from the cor. of secs. 30 and 31).
Intersect the cor. of T. 16 N., Rs. 4 and 5 W., which is a granite stone 12 x 6 x 8 ins. above ground, firmly set, marked with 6 notches on each of N., E. and W. faces, and witnessed by a mound of stone N. No bearing trees.
This cor. now becomes a cor. of T. 16 N., R. 5 W., only (SE. Cor.) therefore obliterate the notches on E. face of stone, and destroy the old stone mound and raise a mound of stone 2 ft. base, 1½ ft. high NW. of cor.
Thence
N. 0° 02' W., on true line, continuing northing of W. bdy. of sec. 30, and resurveying part of E. bdy. of T. 16 N., R. 5 W.
40.00 (from cor. of secs. 30 and 31). Set an iron post, 2 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor. of sec. 30, T. 15½ N., R. 4 W., marked on brass cap

| ¼ S 30
1924

No bearing trees available. Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
Desc. 40 ft. over NW. slope.
54.00 Rocky wash, 30 lks. wide, 3 ft. deep, course N. 20° E. Thence over gently rolling valley. Desc. gradually over NE. slope to
77.70 (40.12 chs. N. 0° 2' W., from SE. cor. of T. 16 N., R. 5 W.)
Intersect the previously reestablished ¼ sec. cor. of secs. 31 and 36, which is a cedar post 4 ins. sq. projecting 12 ins. above ground, firmly set, marked S 31 on E. face and S 36 on W. face, witnessed by one bearing tree NW., two pits, one each N. and S. of post, and a mound of earth E. of cor. This cor. monument now refers to the quarters of sec. 36, only, therefore obliterate the section number on E. face of post.
Thence
N. 0° 10' E., on true line, continuing northing of W. bdy. of sec. 30. Descend gradually over NE. slope to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground for cor. of secs. 19 and 30, only, marked on brass cap

Survey of West Boundary of Fractional T. 15½ N., R. 4 W.,
Resurvey of Part of East Boundary of T. 15 N., R. 5 W.,
and Part of East Boundary of T. 16 N., R. 5 W.

Chains

T 16 N | T 15½ N
S 36 | S 19
S 30
R 5 W | R 4 W

1924

from which
A juniper 10 ins. in diam., bears N. 77° E., 111 lks. dist., marked T 15½ N R 4 W S 19 B T.
A juniper 4 ins. in diam., bears S. 50½° E., 116 lks. dist., marked T 15½ N R 4 W S 30 B T.
Land, mountainous and gently rolling.
Soil, stony 2nd and 3rd rate.
Timber, cedar, juniper and oak.
Undergrowth, manzanita and scrub oak.

- -

N. 0° 10' E., on true line, on W. bdy. of sec. 19.
Over gently rolling land, thru scattering timber and dense undergrowth. Desc. gradually over NE. slope.
7.50 Wash, 10 lks. wide, 3 ft. deep, course NE.
37.00 Wire fence, bears NW. and SE.
37.77 (40.07 chs. N. 0° 10' E., from ¼ sec. cor. of sec. 36.)
Intersect the previously reestablished cor. of secs. 25, 30, 31 and 36, which is a cedar post, 4 ins. sq., projecting 18 ins. above ground, firmly set, marked
T 16 N S 30 on NE. face,
R 4 W S 31 on SE. face,
S 36 on SW. face, and
R 5 W S 25 on NW. face, with 5 notches on W. edge, and 1 notch on S. edge, and witnessed by four bearing trees, one each NE., SE., SW. and NW. of cor.
This cor. monument now refers to secs. 25 and 36, T. 16 N., R. 5 W., only, therefore obliterate marks on the NE. and SE. faces of post and also the marks on the NE. and SE. bearing trees and add marking
T 16 N., to SW. face of post.
The resurvey of the east boundary of T. 16 N., R. 5 W., northerly from this cor. is described in Book "D" of this group.
Thence
N. 0° 6' W., on true line, continuing measurement of W. bdy. of sec. 19. Desc. slightly over NE. slope to
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor. of sec. 19, only, marked on brass cap

¼ S 19

1924

from which
A juniper, 10 ins. in diam., bears N. 56½° E., 67 lks. dist., marked ¼ S 19 B T.
A juniper, 20 ins. in diam., bears S. 85½° E., 66 lks. dist., marked ¼ S 19 B T.
55.00 Road to Prescott, bears E. and W.
56.00 Wash, 30 lks. wide, 4 ft. deep, course N. 70° E.
56.37 Intersect the S. bdy. of T. 16 N., R. 4 W., at a point 15.94 chs. S. 89° 51' E., from the reestablished cor. of T. 16 N., R. 4 W. (SW. cor), described in Book "A".
At this point of intersection set an iron post, 3 ft. long 3 ins. in diam., 27 ins. in the ground for closing cor. of Frac. T. 15½ N., R. 4 W., and T. 16 N., R. 5 W., marked on brass cap

Survey of West Boundary of Fractional T. 15½ N., R. 4 W., Resurvey of Part of East Boundary of T. 15 N., R. 5 W., and Part of East Boundary of T. 16 N., R. 5 W.

Chains

T 16 N
R 4 W
S 31

S 25	S 19
T 16 N	T 15½ N
R 5 W	R 4 W
C C	C C
1924	

from which

A granite stone, 12 x 10 x 8 ins. above ground, marked F S M 1 bears S. 56½° E., 15 lks. dist.

A walnut, 8 ins. in diam., bears S. 41° E., 55 lks. dist., marked T 15½ N R 4 W S 19 CC BT.

A walnut, 6 ins. in diam., bears S. 75° W., 87 lks. dist., marked T 16 N R 5 W S 25 C C BT.

Land, rolling.
Soil, sandy and stony, 2nd and 3rd rate.
Timber, juniper, walnut and oak.
Undergrowth, scrub oak and juniper.

- -

Boundaries of fractional Township 15½ North, Range 4 West

Latitudes, Departures and Closing Errors.

Line designated	True course	Distance	Latitudes N.	Latitudes S.	Departures E.	Departures W.
South Boundary	S.89°57'W.	475.10		.41		475.10
West Boundary	North	117.50	117.50			
	N.89°29'E.	8.83	.08		8.83	
	N. 0° 2'W.	40.12	40.12			.02
	N. 0°10'E.	40.07	40.07		.12	
	N. 0° 8'W.	18.60	18.60			.04
North Boundary	S.89°51'E.	422.56		1.11	422.56	
	S.89°52'E.	40.32		.09	40.32	
East Boundary	S. 1°22'E.	121.74		121.71	2.90	
	South	92.70		92.70		
Convergency					.22	
Totals			216.37	216.02	474.95	475.16
			216.02			474.95
Error in Latitude			0.35			
Error in Departure						0.21

Survey of TRACT NO. 39 of Frac. T. 15½ N., R. 4 W.

Chains Comprising the following described lands in original T. 15 N., R. 4 W. The N½ of the SW¼ of Sec. 3A and the S½ of the NE¼, and the NE¼ of the SE¼ of Sec. 4A, patented January 20, 1866 to Redmond Toohey.

The location of this tract is controlled by the identified original corner of Secs. 3, 3, 2A and 3A, the original quarter-section corner of secs. 3 and 4, and the original ¼ sec. cor. of secs. 4 and 4A, all of T. 15 N., R. 4 W., and by the record of the original survey thereof.

At a point 80.00 chains N. 4° 46' E. (record bearing and distance) from the restored point for cor. of secs. 3, 4, 3A and 4A, T. 15 N., R. 4 W.
Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for cor. No. 1 (NE.Cor) of Tract No. 39, of Frac. T. 15½ N., R. 4 W., marked on brass cap

T 15½ N
R 4 W
S 34
A P 1
Tr 39
TR 38
1924

Thence
N. 86° 32' W. (computed bearing) along line 1-2 of Bdy. of Tract No. 39.
20.20 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam. 27 ins. in the ground for cor. No. 2 of Tract No. 39, marked on brass cap

T 15½ N R 4 W
S 33
AP 2
Tr 39
1924

Thence
S. 4° 46' W. (record bearing), along line 2-3 of Bdy. of Tract No. 39.
40.00 (Record dist.) Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for cor. No. 3 of Tract 39, marked on brass cap

T 15½ N | TR 39
R 4 W | AP 3
S 33
1924

Thence
S. 86° 32' E. (computed bearing) along line 3-4 of Bdy. of Tract No. 39.
20.20 (Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam. 27 ins. in the ground for cor. No. 4 of Tract No. 39, marked on brass cap

AP 4
T 15½ N | TR 39
R 4 W
S 34
1924

Survey of TRACT NO. 39 of Frac. T. 15½ N., R. 4 W.

Chains Thence

S. 4° 46' W. (record bearing) along line 4-5 of Bdy. of Tract No. 39.

20.00 (Record dist.) Intersect the point for reestablished cor. of secs. 3, 4, 3A and 4A, T. 15 N., R. 4 W., identical with point for cor. No. 5 of Tract No. 39, of Frac. T. 15½ N., R. 4 W., and cor. No. 6, of Tract No. 38, of T. 15 N., R. 4 W., in creek bed. Witness cor. established at 48 lks. N. 86° 11' E.

From true point for cor. No. 5.

N. 86° 11' E., (computed bearing) along line 5-6 of Tract No. 39 of Frac. T. 15½ N., R. 4 W., identical with line 5-6 of Bdy. of tract No. 38 of T. 15 N., R. 4 W.

0.48 Intersect the witness cor. to cor. No. 6 of Tract No. 38 of T. 15 N., R. 4 W., and to cor. No. 5 of Tract No. 39, of Frac. T. 15½ N., R. 4 W., which is an iron post 1 in. in diam., projecting 9 ins. above ground, firmly set, marked on brass cap

T 15½ N | TR 39
AP 5
R 4 W W C | AP 6
S 34 | TR 38
1924

20.26 (Proportional dist.) Intersect cor. No. 5 of Tract No. 38, T.15 N., R. 4 W., identical with cor. No. 6 of Tract No. 39 of Frac. 15½ N., R. 4 W., which is an iron post, 1 in. in diam., projecting 9 ins. above ground, firmly set, marked on brass cap

TR 39
AP 6 |
AP 5
TR 38
1924

Thence

N. 4° 46' E., (record bearing) along line 6-7 of Bdy. of Tract No. 39 of Frac. T. 15½ N., R. 4 W., identical with line 4-5 of Bdy. of Tract No. 38 of T. 15 N., R. 4 W.

40.00 (Record dist.) Intersect cor. No. 4 of Tract No. 38, T. 15 N., R. 4 W., identical with cor. No. 7 of Tract No. 39 of Frac. T. 15½ N., R. 4 W., which is an iron post 1 in. in diam., projecting 9 ins. above ground, firmly set marked on brass cap

AP 4
TR 38
AP 7 |
TR 39
1924

Thence

S. 89° 11' W. (computed bearing) along line 7-8 of bdy of Tract No. 39, of Frac. T. 15½ N., R. 4 W., identical with line 3-4 of Bdy. of Tract No. 38, T. 15 N., R. 4 W.

20.26 (Proportional dist.) Intersect cor. No. 3 of Tract No. 38, T. 15 N., R. 4 W., identical with cor. No. 8 of Tract No. 39, of Frac. T. 15½ N., R. 4 W., which is an iron post 1 in. in diam., projecting 9 ins. above ground firmly set, marked on brass cap

Chains

| TR 38
| AP 3

AP 8
TR 39
1924

Thence
N. 4° 46' E. (record bearing) along line 8-1 of Bdy. of Tract No. 39 of Frac. T. 15½ N., R. 4 W., identical with part of line 2-3 of Tract No. 38 of T. 15 N., R. 4 W.

20.00 Intersect Cor. No. 1 (NE. cor.) of Tract No. 39, the place of beginning, hereinbefore described.

- -

Survey of the Subdivision Lines of Fractional T. 15½ N., R. 4 W.

Chains From the cor. of secs. 1, 2, 35 and 36 on S. bdy. of Tp., described in Book "A" of this group.
N. 0° 01' W., bet. secs. 35 and 36.
Over rolling land, thru scattering undergrowth. Ascend slightly over SW. slope.
3.00 Desc. slightly over W. slope.
10.00 Desc. 30 ft. over NW. slope.
16.20 Wash, 4 lks. wide, course W. Asc. 140 ft. over S. slope.
33.80 Top of stony hill bears E. and W. Descend 110 ft. over N. slope to ¼ sec. cor.
37.00 Enter scattering timber and dense undergrowth, bears NW. and SE.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground for ¼ sec. cor., marked on brass cap

$$\frac{\frac{1}{4}}{S\ 35 \mid S\ 36}$$
1924

from which
A juniper, 5 ins. in diam., bears S. 57½° E., 61 lks. dist., marked ¼ S 36 B T.
A juniper, 24 ins. in diam., bears S. 62¼° W., 122 lks. dist., marked ¼ S 35 B T.
Cor. No. 3 of Frank Kass's unsurveyed Forest Homestead bears N. 48¼° W., 19.55 chs. dist.
Descend 48 ft. over N. slope.
49.70 Wire fence bears E. and W. Fence cor. brs. E. 150 lks. dist. from which wire fences extend W. and N.
Fence cor. bears W. about 20.00 chs. dist., from which wire fences extend E. and N.
50.30 Wash, 50 lks. wide, 2 ft. deep, course N. 70° W. Ascend 58 ft. over SW. slope.
56.00 Descend, gradually over W. and NW. slopes to sec. cor.
69.20 Road from Frank Kass's house to Skull Valley - Prescott road, bears E. and W.
70.70 Wire fence, bears NE. and SW. Leave undergrowth and timber. Enter cultivated land, brs. NE. and SW.
72.50 Same fence, bears NW. and SE. Leave cultivated land, brs. NW. and SE. Enter dense undergrowth.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, and deposit a stone marked with a cross (X) at base of post for cor. of secs. 25, 26, 35 and 36, marked on brass cap

$$T\ 15\tfrac{1}{2}\ N \quad R\ 4\ W$$
$$\frac{S\ 26 \mid S\ 25}{S\ 35 \mid S\ 36}$$
1924

No bearing trees available.
Frank Kass's house bears N. 67½° W., about 17.00 chs. dist.
Land, rolling.
Soil, sandy and stony, 2nd and 3rd rate.
Timber, oak and juniper.
Undergrowth, scrub oak and juniper.

N. 89° 57' E., on a random line, bet. secs. 25 and 36.
40.00 Set temp. ¼ sec. cor.
79.88 Intersect E. bdy. of T., 3 lks. N. of the cor. of secs. 25 and 36, hereinbefore described.
Thence
S. 89° 58' W., on true line, bet. secs. 25 and 36.
Over rolling land, through scattering timber and undergrowth. Desc. 115 ft. over W. slope.
11.68 Wire fence bears N. and S.
22.06 Intersect line 6-1 of Tract No. 37 of T. 15 N., R. 4 W., at a point 52.69 chs. S. 4° 52' W., from cor. No. 1, (NE. cor) thereof. Thence across said Tract.

Survey of Subdivision lines of Fractional T.15½ N.,R.4 W.

Chains

34.88 Leave rolling land, bears NW. and SE.;Enter level sandy valley land .

39.94 Set an iron post 3 ft. long,1 in. in diam.27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼ S 25 / S 36

1924

No trees suitable for bearing trees within limits.
Raise a mound of stone 2 ft. base, 1½ ft. high N.of cor.

40.50 Leave level valley land,bears NW. and SE.;Enter rolling land.

52.28 Road from Skull Valley to Prescott Arizona,bears NE. and SW.

62.06 Intersect line 2-3 of Tract No.37, T15N.,R4W. 52.72 chs. - S 4°52'W.of cor.No.2 of said tract.

63.48 Wire fence bears N. and S.

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

Land, rolling and level.
Soil gravelly and stony 2nd. and 3rd. rate.
Timber,scattering oak and juniper.
Undergrowth,oak brush.

The north 121.74 chs.of the east boundary of the township being defective, complete the survey of the first range of sections in the township as follows;

Survey a Sectional Guide Meridian,north from the cor.of secs.25,26,35,and 36,to an intersection with the S. bdy.of T.16N.,R4W.at which point establish a closing cor.of fractional secs. 23 and 24.

Establish the ¼ sec. cor. of secs.24 and 25 at 40.00 chs. from the west.

Complete the survey of the remainder of the subdivision lines in the township in the regular manner.

From the cor.of secs.25,26,35,and 36,
North,on Sectional Guide Meridian,bet.secs.25 and 26.
Over rolling sandy and gravelly land,through scattering undergrowth

29.90 Sand wash 30 lks. wide,4 ft. deep,course N10°E.;Leave rolling land,bears NE. and SW.;Enter level land.

30.90 Wire fence,bears E. and W.

32.70 Wire fence,bears E. and W.;Leave undergrowth,bears E. and W.;Enter cultivated land bears E.about 4 chs.and W. about 15 chs.dist.

40.00 Set an iron post 3 ft. long,1 in. in diam.27 ins. in the ground for ¼ sec.cor.marked on brass cap

¼
S 26 | S 25

1924

Deposit marked stone at base of monument.

Survey of Subdivision lines of Fractional T.15½ N.,R.4 W.

Chains

68.60 Wire fence,bears E.about 2 chs.and W.about 15. chs.dist.
78.50 Wire fence bears N7°W. and S7°E.;Leave cultivated land bears NW. and SE.
79.90 Left bank of sand wash,bears N10°W. and S10°E.
80.00 The point for cor.of secs.23,24,25,and 26,falls in bed of sand wash where prevailing conditions would insure the destruction of the cor.;Witness cor.of secs. 23,24,25,and 26,established 4.00 chs.North as hereinafter described.

Land level and rolling.
Soil sandy 1st. and 2nd. rate.
Timber,none.
Undergrowth,scattering oak brush.

From true point for cor.of secs.23,24,25,and 26.
N 89°58'E,on a random line bet.secs.24 and 25.

40.00 Set temp.¼ sec. cor.
78.24 Intersect E.bdy.of Tp.18 lks. N.of the cor.of secs.24 and 25,hereinbefore described.

Thence
N 89°54'W.on true line bet. secs.24 and 25.
Ascend 29 ft. over NE.slope over stony hilly land,through scattering juniper timber and oak brush undergrowth.

7.30 Top of low ridge,bears NW. and SE.;Descend 32 ft. over SW. slope.
19.00 Wire fence bears N. and S.
38.24 Set an iron post 3 ft. long, 1 in. in diam.with marked stone at the base,27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼ S 24
¼ S 25
1924

74.00 Foot of descent.;Enter valley,bears NW. and SE.
76.30 Road from Skull Valley to Prescott Arizona,bears N20°W. and S20°E.
77.75 Right bank of sand wash 4 ft. high,bears N13°W. and S13°E
78.00 Center of sand wash,course N13°W.
78.24 The true point for cor.of secs.23,24,25,and 26.

Land level and rolling hills.
Soil sandy and gravelly 1st.and 2nd.rate.
Timber,scattering juniper and oak.
Undergrowth,oak brush.

From true point for cor.of secs.23,24,25,and 26,
North on sectional Guide Meridian bet. secs.23 and 24.
Over dry bed of sand wash.

3.00 Top of right bank of sand wash 4 ft. high,bears N13°W. and S13°E.,thence over level land.
4.00 Set an iron post 3 ft. long,2 ins. in diam.with marked stone at the base,27 ins. in the ground for witness cor. to cor.of secs.23,24,25,and 26,marked on brass cap

T15½N | R4W
S23 | S24
S26 | S25
1924

Survey

Chains

6.20 Road fro
11.00 Leave le
14.00 Enter sa
27,00 Wire fen
40.00 Set an i

Note: Fro
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54.58 Intersect
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Set an ir
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Land,leve
Soil sand
Timber,no
Undergrow

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Over SW
2.50 Top of
40.00 Set an

No bearin
80.00 Set an ir
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Survey of the Subdivision lines of Frac. T.15½N.,R.4W.

Chains

6.20 Road from Skull Valley to Prescott Arizona,bears N20°W., and S20°E.

11.00 Leave level valley land,bears NW. and SE.;Enter low hills bears NW. and SE.

14.00 Enter scattering oak brush undergrowth,bears NW. and SE.

27,00 Wire fence,bears N. and W.

40.00 Set an iron post 3 ft. long,1 in. in diam.with marked stone at the base,27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼
S23 | S24
1924

Note: From this point,Cor.No.4 of M.E.S.,(claimant J.E. Goodwin),bears S71°36'W.23.42 chs.dist.

54.58 Intersect the S.bdy.of T16N.,R4W.,3.49 chs. S89°51'E.of the reestablished cor.of secs.35 and 36.,described in Book "C".; at point of intersection,

Set an iron post 3 ft. long,2 ins. in diam.with marked stone at the base,27 ins. in the ground for closing cor. of secs.23 and 24,marked on brass cap

T16N R4W
S36
S23 | S24
T15½N | R4W
CC
1924

Land,level and hilly.
Soil sandy and gravelly,2nd. rate.
Timber,none.
Undergrowth,oak brush.

From the cor.of secs.2,3,34,and 35 on S.bdy.of Tp. described in Book "A"

N 0°01'W.bet. secs.34 and 35

Over SW.slope over rolling sandy land, through scattering juniper and oak timber and brush undergrowth

2.50 Top of ridge bears NW. and SE.;Desc.gradually over NE. slope

40.00 Set an iron post 3 ft. long,1 in. in diam.with marked stone at the base,27 ins. in the ground for ¼ sec. cor .marked on brass cap

¼
S34 | S35
1924

No bearing trees available.

80.00 Set an iron post 3 ft. long,2 ins. in diam.with marked stone at the base,27 ins. in the ground for cor. of secs.26,27,34,and 35,marked on brass cap

Survey of the subdivision lines of Frac.T.15½N.,R.4W.

Chains

T15½N	R4W
S27	S26
S34	S35

1924

No bearing trees available.
Land rolling.
Soil sandy and stone 2nd. and 3rd. rate.
Timber,scattering juniper and oak.
Undergrowth,oak and juniper brush.

N 89°57'E.on a random line bet.secs.26 and 35.
40.00 Set temp ¼ sec. cor.
80.26 Intersect N. and S. line 5 lks. N.of the cor.of secs.25, 26,35,and 36.

Thence
S 89°59'W.on true line bet. secs.26 and 35.
Over rolling sandy land,slopes W.
.86 Wire fence bears N. and S.;Enter cultivated land.
3.96 Sand wash 50 lks. wide,3 ft. deep,course N.
8.86 Wire fence,bears N. and S.;Leave cultivated land bears N. and S.;Enter scattering oak brush undergrowth,bears N. and S.
10.36 Road from the Skull Valley-Prescott road to Frank Kass's house bears NW. and SE.
13.76 Enter scattering oak and juniper timber and dense oak and manzanita brush undergrowth,bears NW. and SE.
14.86 Wire fence bears N. and S.
18.76 Old wood road bears NE. and SW.
40.13 Set an iron post 3 ft. long,1 in. in diam.with marked stone at the base,27 ins. in the ground for ¼ sec. cor.,marked on brass cap

S26
¼
S35

1924

No bearing trees available.
49.86 Sand wash 10 lks. wide,3 ft. deep,course NE.; Asc.over SE.slope.
67.69 Intersect line 1-11 of Tract No.38,T15N.,R4W.S 5°W.57.53 chs.dist. from cor.No.1 of said tract.
80.26 The cor. of secs.26,27,34,and 35.

Land rolling.
Soil sandy and stony 1st.and 2nd. rate.
Timber,scattering juniper and oak.
Undergrowth,oak and manzanita brush.

N 0°01'W.bet. secs.26 and 27.

Over rolling sandy and stony land,through scattering juniper and oak timber and dense brush undergrowth
40.00 Set an iron post 3 ft. long 1 in. in diam.27 ins. in the ground for ¼ sec. cor.,marked on brass cap

Chains

S27 | S26

1924

from which,

A juniper 12 ins. in diam.bears N42°E.36 lks. dist., marked ¼ S26 BT.
A juniper 27 ins. in diam.bears S67½°W.20 lks. dist., marked ¼ S27 BT.

56.37 Intersect line 1-2 of Tract No.38,T15N.,R4W.S86°37'W. 17.60 dist.from cor.No.1 of said tract.

60.20 Gulch 5 lks. wide 2½ ft. deep,course NE.

77.50 Sand wash 15 lks. wide,2 ft. deep,course N60°E.;Asc.about 3 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.22,23,26,and 27,marked on brass cap

T15½N | R4W
S22 | S23
S27 | S26

1924

from which

A juniper 8 ins. in diam.bears S33 3/4°E.160 lks.dist., marked T15½N.,R4W.,S26 BT.
A pinion 12 ins. in diam.bears S43½°W.107 lks.dist., marked T15½N.,R4W.,S27 BT.
A juniper 12 ins. in diam. bears N27°W.41 lks. dist., marked T15½N.,R4W.,S22 BT.
No other trees available.
Raise a mound of stone 2 ft. base, 1½ ft. high W.of cor.
Land rolling.
Soil sandy and stone 2nd. and 3rd. rate.
Timber,juniper,and oak.
Undergrowth,oak,juniper,and manzanita brush.

N 89°59'E.on a random line bet. secs.23 and 26.

40.00 Set temp.¼ sec. cor.

80.20 Intersect N. and S. line 12 lks. S.of the true point for cor. of secs.23,24,25,and 26.

Thence
S 89°54'W.on true line bet.secs.23 and 26.
Over dry bed of sand wash

.10 Left bank of sand wash 4 ft. high,bears N10°W. and S10°E. thence over level land.

.30 Wire fence bears N7°W. and S7°E.;Enter cultivated land. bears N10°W. and S10°E.

10.80 Wire fence bears N7°W. and S7°E.;Leave cultivated land ; Enter scattering oak timber bears N.E. and SE.

11.20 Road from the Skull Valley-Prescott road to J.E.Goodwins ranch bears N. and S.

22.50 Wire fence bears N. and S.

40.10 Set an iron post 3 ft. long,1 in. in diam.with marked stone at the base, 27 ins. in the ground for ¼ sec. cor.,marked on brass cap

Chains

S23

¼ ——

S26

1924

No bearing trees available .
Ascend 79 ft. over E. slope.
50.20 Sand wash 15 lks. wide, 3 ft. deep, course NE.; Enter dense oak and manzanita brush undergrowth.
Ascend 29 ft. over SE. slope
59.20 Sand wash 5 lks. wide 6 ft. deep, course NE.
77.20 Sand wash 15 lks. wide 6 ft. deep, course NE.; Asc. about 5 ft. over SE. slope to
80.20 The cor. of secs. 22, 23, 26, and 27.
Land level, rolling, and hilly.
Soil sandy and stone 1st. 2nd., and 3rd., rate.
Timber, scattering, juniper and oak .
Undergrowth, oak, and manzanita brush.

N 0°01' W. bet. secs. 22 and 23.
Ascend 29 ft. over SE. slope, through dense oak and manzanita brush undergrowth.
5.00 Top of ascent; Desc. 46 ft. over N. slope.
28.50 Wire fence bears E. and W.
32.00 Wash 10 lks. wide 1½ ft. deep, course NE.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for ¼ sec. cor., marked on brass cap

¼

S22 | S23

1924

Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
46.20 Ravine 15 lks. wide 5 ft. deep, course E.; Asc. 99 ft. over stony S. slope over hilly land.
54.82 Intersect the S. bdy. of T16N., R4W. 3.32 chs. S 89° 51' W. of the reestablished cor. of secs. 34 and 35, T. 16 N., R. 4 W., Mount Diablo Meridian, Book "C"; [illegible]
Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for closing cor. of secs. 22 and 23, marked on brass cap

T16N R4W
S35
S22 | S23
T15½N | R4W
CC

1924

Raise a mound of stone 2 ft. base, 1½ ft. high S. of cor.

Land, hilly.
Soil stony 3rd. rate.
Timber, none.
Undergrowth, oak and manzanita brush.

Survey

Chains.

From th
N 0°02'
Over ro
1.80 Corral
2.00 Road fr
7.50 Sand wa
7.80 Left ban
16.50 Same roa
26.50 Top of
34.58 Intersec
40.00 Set an
Raise a
42.00 Foot of
48.00 Road fr
50.00 Wire fe
Note: Fr
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58.20 Enter d
57.30 Enter
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Trave
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Survey of the Subdivision lines of Frac. T.15½ N, R 4 W

Chains.

From the cor. of secs. 3, 4, 33, and 34 on S. bdy. of Tp. described in Book "A"
N 0°02'W. bet. secs. 33 and 34.
Over rolling land, slopes NW.

1.80 Corral fence bears E. 80 lks. and W. about 40 lks. dist.
2.00 Road from Skull Valley to Redmond Toohy's ranch bears NW. and SE.
7.50 Sand wash 50 lks. wide, banks 4 ft. high, course NE.; brook 5 lks. wide 2 ins. deep, flows NE.
7.80 Left bank of wash, bears E. and SW.; ascend 57 ft. over SE. slope, through dense oak brush undergrowth.
16.60 Same road from Skull Valley to Redmond Toohy's ranch, bears NE. and SW.
26.50 Top of spur bears NE. and SW.; Desc. 75 ft. over NW. slope
34.58 Intersect line 3-4 of Tract No. 39, 71.64 N., N4 W., 8.02 chs. N86°32'W. of cor. No. 4 of said tract.
40.00 Set an iron post 3 ft. long, 1 in. in diam, 27 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼
S33 | S34
1924

Raise a mound of stone 2 ft. base, 1½ ft. high [illegible] of cor.
42.00 Foot of descent in valley; leave hilly land and undergrowth bears N60°W and S60°E.; enter level valley land.
48.00 Road from the Toohy ranch to Prescott Arizona, bears NW. and SE.
50.00 Wire fence bears N[illegible]°W. and S[illegible]°E.
Note: From this point Redmond Toohy's house bears [illegible] about [illegible] chs. dist.
A windmill bears [illegible] about [illegible] chs. dist.
55.20 Enter cultivated land bears NW. and SE.
57.30 Ranch road bears NW. and SE.
74.55 Intersect line 1-2 of Tract No. 39, [illegible] chs. N86°3[illegible]W. of cor. No. 1 of said tract.
80.00 Set an iron post 3 ft. long, 2 ins. in diam, with brown glass bottle deposited at base, 27 ins. in the ground for cor. of secs. 27, 28, 33, and 34, marked on brass cap

T15½N R4W
S28 S27
S33 S34
1924

Land level, rolling, and hilly
Soil sandy and stony, 1st, 2nd, and 3rd. rate.
Timber, scattering oak.
Undergrowth, oak brush.

[illegible] N89°5[illegible]W. on a random line bet. secs. 27 and 34
40.00 Set temp. ¼ sec. cor.
79.94 Intersect [illegible] line [illegible] of the cor. of secs. 27, 28, 34, and 33.
Thence
N 89°50'W. on true line bet. secs. 27 and 34

Chains

Over rolling sandy land, through oak and juniper timber and brush undergrowth

4.94 Ridge bears NW. and SE.; Descend 161 ft. over W. slope over stony hilly land.

39.97 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for ¼ sec. cor., marked on brass cap

¼ 827 / S34

1924

No trees within limits.; Raise a mound of stone 2 ft. base 1½ ft. high N. of cor.

50.44 Wire fence, bears N13½°E. and S13½°W.

57.94 Sand wash 30 lks. wide 4 ft. deep, course NW.

65.24 Wire fence bears NW. and SE.; Leave timber and undergrowth bears NE. and SE.; Enter cultivated land.

65.50 Leave hilly land bears NW. and SE.; Enter level sandy valley

68.04 Intersect line 2-3 of tract No.38., T15 N., R4W. 52.65 chs. S 4°46'W. of cor. No.2 of said tract.

72.94 Sand wash 150 lks. wide, 1 ft. deep, course N20°W.

79.54 The cor. of secs.27, 28, 33, and 34.

Land level rolling, and hilly.

Soil sandy and stony 1st., 2nd., and 3 rd. rate.

Timber, juniper and oak.

Undergrowth, oak and manzanita brush.

N 0°02 'W. bet. secs.27 and 28

Over level sandy cultivated land in valley.

1.70 Leave cultivated land, bears NE. and SW.; Enter scattering oak timber bears NE. and SW.

1.75 Road from Redmond Toohy's ranch to Prescott Arizona, bears NE. and SW.

5.30 A vacant frame house bears E. 50 lks. dist.

24.80 Road bears W. and S10°E.

26.10 Sand wash 15 lks. wide 3 ft. deep, course N70°E.

28.10 Wire fence bears E. and W.

38.50 Set an iron post 3 ft. long, 1 in. in diam. with marked stone at the base, 27 ins. in the ground for witness cor. to the ¼ sec. cor. marked on brass cap

NO
¼
S28 | S27

1924

39.00 Enter sand wash 75 lks. wide, 3 ft. deep, course N3°W.

40.00 Point for ¼ sec. cor. falls in bed of wash, where the prevailing conditions would insure the destruction of the cor.

59.20 Leave sand wash over level bottom land, bears NW. and SE.

70.00 Wire fence bears N27°W. and S27°E.

74.00 Leave level valley bears NE. and SW.; Enter hilly land Ascend 57 ft. over SE. slope to

[illegible].20 Wire fence bears N53½°E. and S52½°W.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. with marked stone at the base 18 ins. in the ground to bedrock supported in a mound of stone for cor. of secs. 21, 22, 27, and 28., marked on brass cap

Chains

T15½N	R4W
S21	S22
S28	S27

1924

No bearing trees available

Land level and hilly.
Soil sandy and stony 1st. and 2nd. rate.
Timber, juniper and oak .
Undergrowth oak brush.

N 89°56'E. on a random line bet. secs. 22 and 27.
40.00 Set temp. ¼ sec. cor.
79.96 Intersect N. and S. line 24 lks. N. of the cor. of secs. 22, 23, 26, and 27.
Thence
N 89°54'W. on true line bet. secs. 22 and 27.
Ascend NE. slope over broken stony hilly land, through scattering oak and juniper timber and dense brush undergrowth.
36.96 Wire fence, bears N3°W. and S3°E.
39.56 Top of ridge bears NW. and SE.; Descend 120 ft. over SW. slope.
39.98 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for ¼ sec. cor., marked on brass cap

$\frac{\text{S } 22}{\text{S } 27}$

1924

from which,

A juniper 5 ins. in diam. bears N24°W. 48 lks. dist., marked ¼ S 22 BT.
A juniper 6 ins. in diam. bears S24°W. 19 lks. dist., marked ¼ S 27 BT.
64.36 Road from Redmond Toohy's ranch to Prescott Arizona, bears NE. and SW.
65.96 Foot of descent in sand wash 20 lks. wide, 2 ft. deep, course SW.; Ascend about 15 ft. over SE. slope to
79.96 The cor. of secs. 21, 22, 27, and 28.
Land hilly and broken.
Soil stony 2nd. and 3rd. rate.
Timber, juniper and oak.
Undergrowth oak and juniper brush.

N 0°02'W. bet. secs. 21 and 22.
Ascend 46 ft. over SE. slope over stony hilly land, through heavy cedar timber and dense brush undergrowth.
10.00 Top of stony ridge bears NE. and SW.; Descend 52 ft. over NW. slope
40.00 Set an iron post 3 ft. long, 1 in. in diam. 4 ins. in the ground to bedrock, supported in a mound of stone for ¼ sec. cor., marked on brass cap

Survey of the subdivision lines of Frac. T.15½ N., R.4 W.

Chains

S21 | S22

1924

from which,

A juniper 22 ins. in diam., bears N53¼°E. 55 lks. dist., marked ¼ S 22 BT.
A juniper 10 ins. in diam., bears N53°W. 55 lks. dist., marked ¼ S21 BT.

47.00 Ravine 6 lks. wide, course S70°W.; Ascend about 10 ft. over SE. slope

53.00 Top of ridge bears E. and W.

55.05 Intersect S. bdy. of T16N., R4W. 3.37 chs. S 89°51' E. of the reestablished cor. of secs. 33 and 34, described in Book "C."; At the point of intersection Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for closing cor. of secs. 21 and 22, marked on brass cap

T16N R4W
S34
S21 | S22
T15½N | R4W
CC
1924

from which

A juniper 30 ins. in diam. bears S64¼°E. 134 lks. dist., marked T15½N., R4W., S22 CC BT.
A juniper 18 ins. in diam. bears S183/4°W. 178 lks. dist., marked T15½N., R4W., S21 CC BT.
Land hilly.
Soil stony 3rd. rate.
Timber, oak and juniper.
Undergrowth, oak and juniper brush.

From the cor. of secs. 4, 5, 32, and 33, on S. bdy. of Tp., described in Book "A"
N 0°02' W. bet. secs. 32 and 33.
Ascend 46 ft. over stony NE. slope of spur over mountainous land, through juniper and oak timber and dense brush undergrowth.

2.60 Top of broken spur bears NE.; Descend 46 ft. over NW. slope
8.00 Foot of descent.; Leave mountainous land, bears NE. and SW. Enter rolling land.
27.60 Ravine 4 lks. wide 1 ft. deep, course NE.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for ¼ sec. cor. marked on brass cap

¼
S32 | S33
1924

from which

Survey of the Subdivision lines of Frac. T.15½ N., R.4 W.

Chains

A juniper 15 ins. in diam. bears N62°E. 69 lks. dist., marked ¼ S 33 BT.
A cedar 27 ins. in diam. bears S83½°W. 57 lks. dist., marked ¼ S 32 BT.

53.80 Sand wash 15 lks. wide 2½ ft. deep, course NE.; Ascend 30 ft.
60.00 Descend 34 ft. over NW. slope.
79.40 Ravine 10 lks. wide, course NE.; Asc. about 15 ft. over SE. slope.
80.00 Set an iron post 3 ft. long 2 ins. in diam. 27 ins. in the ground for cor. of secs. 28, 29, 32, and 33, marked on brass cap

T15½N	R4W
829	328
332	833

1924

from which

A juniper 40 ins. in diam. bears N7°E. 4.00 chs. dist. marked T15½N., R4W., 328 BT.
A cedar 40 ins. in diam. bears S28 3/4°E. 135 lks. dist. marked T15½N., R4W., 333 BT.
A juniper 18 ins. in diam. bears S47°W. 70 lks. dist., marked T15½N., R4W., 332 BT.
A juniper 24 ins. in diam. bears N40°W. 207 lks. dist., marked T15½N., R4W., 329 BT.

Land rolling and mountainous.
Soil sandy and stony 2nd. and 3rd. rate.
Timber, cedar, juniper, and oak.
Undergrowth, oak, juniper, and manzanita brush.

S 80°57'E. on a random line bet. secs. 28 and 33.
40.00 Set temp. ¼ sec. cor.
80.06 Intersect E. and W. line 8 lks. N. of the cor. of secs. 27, 28, 33, and 34.
Thence
S 80°54'E. on true line bet. secs. 28 and 33.
Over level cultivated land in valley.
1.00 Leave cultivated land bears NE. and S.
1.26 Road from Redmond Tooby's ranch to Prescott Arizona, bears NE. and SW.; Enter scattering cedar timber and brush undergrowth. bears N. and S.
4.76 Wire fence bears E. and W.
5.06 Ravine 5 lks. wide 2 ft. deep, course NE.
20.06 Road from Redmond Tooby's ranch to their farm, bears NW. and SE.
36.26 Sand wash 5 lks. wide 2½ ft. deep, course NE.
40.00 Set an iron post 3 ft. long, 2 in. in diam. with marked stone at the base, 27 ins. in the ground for ¼ sec. cor. marked on brass cap

¼ E 28 / E 33

1924

No bearing trees available.

Survey of the Subdivision lines of Frac.T.15½ N.,R.4W.

Chains

40.26 Wire fence bears N60°W. and S60°E.;Enter dense undergrowth bears N. and S.;Ascend 28 ft. over E.slope of spur over broken hilly land.
44.56 Top of spur bears N.;Descend 62 ft. over W.slope
57.06 Rocky ravine 15 lks. wide,course N.;Ascend 79 ft.over E. slope .
59.56 Wire fence bears N. and S.
64.06 Descend 58 ft. over NW. slope.
78.86 Sand wash 30 lks. wide,course NE.;Asc.about 5 ft..
80.06 The cor. of secs.28,29,32,and 33.
Land level,rolling,and hilly.
Soil sandy and stony 1st.2nd.,and 3rd. rate.
Timber,cedar,juniper,and oak.
Undergrowth oak and juniper brush.

N 0°02'W.bet. secs.28 and 29.
Ascend 11 ft. over SE.slope over stony hilly land,through juniper,cedar,and oak timber and brush undergrowth
7.30 Top of spur bears NE.;Descend 34 ft. over NW.slope.
15.30 Sand wash 15 lks. wide 3 ft. deep,course N70°E.;Ascend 72 ft. over SE. slope
27.90 Wire fence,bears N34°W. and S34°E.
32.00 Top of spur,bears S70°E.;Descend 70 ft. over NE. slope.
40.00 Set an iron post 3 ft. long, 1 in. in diam.with marked stone at the base,27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼
S29 | S28
1924

No bearing trees available.
43.00 Divide bears NE. and SW.:Descend over NW. slope
54.00 Ravine 15 lks. wide 5 ft. deep,course NW.;Ascend 70 ft. over SW.slope
56.50 Road from Redmond Toohy's ranch to Fair Oaks ranch,bears NW. and SE.
71.00 Top of spur bears W.;Descend 100 ft. over E.slope.
80.00 Set an iron post 3 ft. long,2 ins. in diam.27 ins. in the ground for cor.of secs.20,21,28,and 29.,marked on brass cap

T15½N | R4W	
S20	S21
S29	S28

1924

No bearing trees available.
Raise a mound of stone 2 ft. base,1½ ft. high W.of cor.

Land hilly.
Soil stony 3rd. rate.
Timber,cedar,juniper,and oak.
Undergrowth,oak and juniper brush.

Chains

N 89°54'E. on a random line bet. secs.21 and 28.
40.00 Set temp.¼ sec. cor.
80.20 Intersect N. and S. line 14 lks. S.of the cor.of secs. 21,22,27,and 28.
Thence
S 89°48'W.on true line bet. secs.21 and 28.
Descend 60 ft.over SW.slope,through oak and juniper timber and brush undergrowth. over mountainous land.
13.70 Foot of descent in sand wash,course N70°W.
22.70 Leave sand wash over rolling valley land.
32.40 Dry ravine 40 lks. wide 2 ft. deep,course N20°E.
35.20 Leave valley land,bears NW. and SE.;Ascend 201 ft. over NE. slope.
40.10 Set an iron post 3 ft. long,1 in. in diam.8 ins. in the ground to bedrock,supported in a mound of stone for ¼ sec. cor.,marked on brass cap

S 21

¼

S 28

1924

from which

A juniper 6 ins. in diam. bears N13°E.95 lks. dist., marked ¼ S 21 BT.
A juniper 16 ins. in diam. bears South, 23 lks. dist., marked ¼ S 28 BT.

50.20 Top of ascent on spur,bears NW.,thence over nearly level land.
63.20 West edge of spur.;Descend 171 ft. over W.slope.to
80.20 The cor. of secs.20,21,28,and 29.
Land mountainous and rolling.
Soil sandy and stone 2nd. and 3rd.rate.
Timber,cedar,juniper,and oak.
Undergrowth,juniper and oak brush.

N 0°02'W. bet. secs.20 and 21.
Over rolling stony land,through scattering,juniper and oak timber and brush undergrowth.
26.00 Sand wash 50 lks. wide 1 ft. deep,course N70°E.
32.20 Wire fence,bears N40°E. and S40°W.;Leave rolling land, bears NE. and SW.;Ascend 40 ft. over rocky SE. slope.
40.00 Set an iron post 3 ft. long,1 in. in diam.27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼

S20 | S21

1924

from which

A pinion 8 ins. in diam. bears S39 3/4°E 78 lks. dist., marked ¼ S 21 BT.

Chains

A pinion 6 ins. in diam.bears S263/4°W.100 lks. dist., marked ‡ S 20 BT.

Ascend 120 ft. over granite boulders.

55.54 Intersect S.bdy.of T16N.,R4W. 3.29 chs.S89°51'W.of the reestablished cor.of secs.32 and 33. described in Book "C".; At the point of intersection
Set an iron post 3 ft. long,2 ins. in diam. 8 ins. in the ground to bedrock,supported in a mound of stone for closing cor.of secs.20 and 21,marked on brass cap

T16N R4W
S33
S20 | S21
T15½N | R4W
CC
1924

from which

A pine 14 ins. in diam. bears S78°E.63 lks. dist., marked T15½N.,R4W.,S21 CC BT.
A pine 12 ins. in diam. bears S13¾°W. 11 lks. dist., marked T15½N.,R4W.,S20 CC BT.

Land rolling and mountainous.
Soil stony 2nd.,3rd.,and 4th. rate.
Timber,cedar,juniper,and oak.
Undergrowth,oak,and manzanita brush.

From the cor. of secs.5,6,31,and 32.,on S.bdy.of Tp. described in Book "A"
N 0°03'W.bet. secs.31 and 32.
Ascend 121 ft. along W.slope of spur over stony mountainous land,through scattering juniper and oak timber and dense oak brush undergrowth.

9.00 Top of spur,bears S15°E.,thence over NE. slope.
25.00 Top of same spur,bears S10°W.,thence along W.slope.
39.00 Top of ridge bears NW. and SE.
40.00 Set an iron post 3 ft. long,1 in. in diam.27 ins. in the ground for ‡ sec. cor.,marked on brass cap

‡
S31 | S32
192[illegible]

from which

A juniper 30 ins. in diam.bears N373/4°E. 160 lks. dist., marked ‡ S 32 BT.
A juniper 8 ins. in diam. bears N35°W.92 lks. dist., marked ‡ S 31 BT.

Descend 319 ft. over NE. slope of ridge.

80.00 Set an iron post 3 ft. long,2 ins. in diam.15 ins.in the ground to bedrock,supported in a mound of stone for cor. of secs.29,30,31,and 32.,marked on brass cap

Survey of the Subdivision lines of Frac. T. 15½ N., R. 4 W.

Chains

T15½N	R4W
S30	S29
S31	S32

1924

from which

A juniper 14 ins. in diam. bears S33½° E. 15 lks. dist. marked T15½N., R4W., S 32 BT.
A juniper 32 ins. in diam. bears S35°W. 25 lks. dist., marked T15½N., R4W., S31 BT.
No other trees available for bearing trees
Deposit a marked stone at base of monument.
Land mountainous.
Soil stony 3rd. and 4th. rate.
Timber, scattering juniper, and oak.
Undergrowth, oak and juniper brush.

N 89°57'E. on a random line bet. secs. 29 and 32.
40.00 Set temp. ¼ sec. cor.
80.08 Intersect N. and S. line 16 lks. N. of the cor. of secs. 28, 29, 32, and 33.
Thence
N. 89°56'W. on true line bet. secs. 29 and 32.
Ascend 59 ft. over E. slope over stony hilly land, through juniper and oak timber and brush undergrowth
29.00 Top of spur bears N.; Descend 23 ft. over W. slope to
40.04 Set an iron post 3 ft. long, 1 in. in diam. with marked stone at the base, 27 ins. in the ground for ¼ sec. cor., marked on brass cap

829

832

1924

No bearing trees available.
Ascend 233 ft. over E. slope of ridge.
70.00 Ravine 5 lks. wide 2½ ft. deep, course N.
80.08 The cor. of secs. 29, 30, 31, and 32.
Land hilly and mountainous.
Soil stony 2nd. and 3rd. rate.
Timber, juniper and oak.
Undergrowth, oak and juniper brush.

S 89°57'E. on a random line bet. secs. 30 and 31.
40.00 Set temp. ¼ sec. cor.
74.82 Intersect E. bdy. of Tp. 7 lks. S. of the cor. of secs. 30 and 31, hereinbefore described.
Thence
N 89°54'E. on true line bet. secs. 30 and 31.
Descend 101 ft. over NW. slope over stony mountainous land, through scattering oak and juniper timber and dense oak and mountain mahogany brush undergrowth.
9.02 Ravine 10 lks. wide, course N.; Ascend 250 ft. over W. slope.
21.82 Top of ridge bears N20°E. and S20°W. thence over nearly

Chains

level land on ridge.

34.82 Set an iron post 3 ft. long,1 in. in diam.with marked stone at the base,27 ins. in the ground for ¼ sec. cor.,marked on brass cap

S30

¼

S31

1924

No bearing trees available.

Descend 75 ft. over E.slope.

41.62 Rocky ravine 5 lks.wide,course W.;Ascend 90 ft. over W.slope

51.82 Top of ridge bears N. and SE.,thence over NE.slope.

54.82 Wire fence,bears N44°E. and S44°W.

66.82 Top of spur bears NE.;Descend 219 ft. over SE.slope to

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

Land ,mountainous.

Soil stony 3rd. and 4th. rate.

Timber,scattering juniper and oak .

Undergrowth,oak and mountain mahogany brush.

N0°-03'W.bet. secs .29 and 30 .

Descend 172 ft. over NE.slope over stony mountainous land,through scattering,cedar,juniper,and oak timber and brush undergrowth

12.00 Point of spur bears NE.

23.00 Head of ravine 4 lks.wide,course NE.

26.30 Wire fence,bears N35°E. and S35°W.

40.00 Set an iron post 3 ft. long,1 in. in diam.with marked stone at the base,27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼

S30 | S29

1924

No bearing trees available.

45.00 Leave mountainous land,bears NW. and SE.;Enter rolling land

80.00 Set an iron post 3 ft. long 2 ins. in diam.with marked stone at the base,27 ins. in the ground for cor.of secs.19,20,29,and 30.,marked on brass cap

T15½N | R4W
S19 | S20
S30 | S29

1924

No bearinug trees available.

Land rolling and mountainous .

Soil stony 2nd. and 3rd. rate.

Timber,scattering cedar,juniper,and oak.

Undergrowth,oak and juniper brush.

Chains

S 89°56'E. on a random line bet. secs.20 and 29.
40.00 Set temp.¼ sec. cor.
80.20 Intersect N. and S. line 3 lks. S.of the cor.of secs.. 20,21,28,and 29.
Thence
N 89°57'W.on true line bet. secs.20 and 29
Over rolling stony land,through juniper and oak timber and brush undergrowth.
6.50 Sand wash 40 lks. wide 2 ft. deep,course N.
15.20 Road from Redmond Toohy's ranch to Fair Oaks ranch,bears NW. and SE.
21.50 Wire fence,bears N20°W. and S20°E.
40.10 Set an iron post 3 ft. long,1 in. in diam.27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼ S 20 / S 29

1924

from which

A juniper 24 ins. in diam. bears N16½°E.84 lks. dist., marked ¼ S 20 BT.
A juniper 20 ins. in diam. bears S86½°E.162 lks. dist., marked ¼ S 29 BT.
48.70 Sand wash 5 lks. wide,2 ft. deep,course NE.
80.20 The cor. of secs.19,20,29,and 30.
Land rolling,
Soil stony 3rd. rate.
Timber,scattering juniper and oak.
Undergrowth,oak and juniper brush.

S 89°54'W.on a random line bet.secs.19 and 30.
40.00 Set temp.¼ sec. cor.
65.96 Intersect W. bdy.of Tp.7 lks.S.of the cor.of secs.19 and 30.hereinbefore described.
Thence
N 89°58'E.on true line bet.secs.19 and 30
Over rolling land,through juniper and oak timber and dense brush undergrowth.
4.76 Rocky ravine 20 lks.wide 4 ft. deep,course N20°W.
25.96 Set an iron post 3 ft. long, 1 in. in diam.with marked stone at the base,27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼ S 19 / S 30

1924

No trees suitable for bearing trees available.
35.46 Leave rolling land,bears NE. and SW.;ascend 70 ft.over W.slope.over hilly land.
43.96 Top of ridge bears NE. and SW.;Descend 112 ft. over SE. slope.
61.76 Ravine 4 lks. wide,course NE.
65.96 The cor. of secs.19,20,29,and 30.

Survey of the Subdivision lines of Frac.T.15½N.,R.4W.

Chains

Land rolling and hilly.
Soil stony 2nd. and 3rd. rate.
Timber,scattering cedar,oak,and juniper.
Undergrowth,oak and juniper brush.

N 0°03'E.bet. secs.19 and 20.
Over stony hilly land,through scattering juniper and oak timber and brush undergrowth

4.40 Ravine 5 lks. wide 2 ft. deep,course N70°E.

13.00 Ravine 6 lks. wide,2½ ft. deep,course S70°E.;Ascend 44ft. over SW.slope.

18.50 Top of spur bears S70°E.;Descend 94 ft. over NE. slope.

39.40 Road from Redmond Toohy's ranch to Fair Oaks ranch,bears NW. and SE.;Leave hilly land,bears NW. and SE.; Enter rolling land.

40.00 Set an iron post 3 ft. long, 1 in. in diam.27 ins. in the ground for ¼ sec. cor.,marked on brass cap

¼
S19 | S20
1924

from which

A juniper 12 ins. in diam.bears N81½°E.68 lks. dist., marked ¼ S 20 BT.

A juniper 10 ins. in diam.bears N13½°W.170 lks. dist., marked ¼ S 19 BT.

55.89 Intersect S.bdy.of T16N.,R4W. 3.10 chs.S 89°51'E.of the reestablished cor. of secs .31 and 32, previously described in Book "C"

At point of intersection, Set an iron post 3 ft. long, 2 ins. in diam.27 ins. in the ground for closing cor.of secs.19 and 20,marked on brass cap

T16N R4W
S32
S19 | S20
T15½N | R4W
CC
1924

from which

A juniper 7 ins. in diam. bears S46½°E.252 lks. dist., marked T15½N.,R4W.,S 20 CC BT.

A juniper 26 ins. in diam. bears S62°W. 220 lks. dist., marked T15½N.,R4W.,S 19 CC BT.

Land rolling and hilly.
Soil stony 3rd. rate.
Timber,scattering oak and juniper.
Undergrowth oak brush.

GENERAL DESCRIPTION.

The land in this township varies from level valleys to

to rough mountain spurs and the soil ranges from a sandy loam to barren granite cliffs.

The land is highest in the vicinity of the southwest corner, the elevation diminishing gradually across the township in a northerly direction.

The drainage of the township is to the north through several large sand washes which cross through the township in a northerly direction.

The soil of the bottom lands along the two largest sand washes, which cross through secs. 23, 26, and 35 and secs 21, 27, 28, 33, and 34 is generally a rich sandy loam in character capable of producing good crops without the aid of irrigation.: The soil of the remainder of the township including the mountainous portions is a stony clay loam and unsuitable for agricultural purposes, is covered with a good growth of nutritious grasses which affords excellent pasture for a large number of horses, cattle, and sheep.

The township is watered by a small stream flowing in the sand wash in sec. 34 and by two wells in sec. 26 and one in sec. 34 at the Redmond Tochy ranch.

The township is timbered over the higher portions with a scattering growth of cedar, juniper, and oak, while along the sand washes which form the drainage arteries of the township is found cottonwood, wild cherry, and walnut.

No mineral of any kind was found in the township.

There are two settlers residing on the land in sec. 26 and one in sec. 34. The occupation of these settlers is that of farming and stock raising

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The continued satisfactory adjustment of the solar apparatus of the instrument used in the execution of the resurveys and surveys described in the foregoing notes is indicated from field tests of said instrument described in Book "C" of this group.

4-680

FIELD ASSISTANTS.

to

Sidney E. Blout, U. S. Cadastral Engineer.

NAMES.	CAPACITY.
[illegible]en Mollette	1st Chainman
[illegible]lifford Hook	2nd Chainman
[illegible]ohn Slaughter	Flagman
[illegible]tanley Palmer	Houndman
[illegible]. A. Blout	Axman

6—2764

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Sidney E. Blout, U.S.Cadastral Engineer, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 128, Arizona, bearing date of the 11th day of February, 19 24, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, resurveyed all those parts or portions of the West boundary of Township 15 North, Range 3 West, the East boundary of Township 15 North, Range 5 West, and East boundary of Township 16 North, Range 5 West, and surveyed all those parts or portions of the East and West boundaries and Subdivision lines of Fractional Township 15½ North, Range 4 West, and boundary of Tract No. 39 of Frac. T. 15½ N., R. 4 W., of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 128, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such resurvey and survey.

and by diagram on page 1 hereof

Place: Phoenix, Arizona,

Date: July 25, 1925

Sidney E. Blout
U.S.Cadastral Engineer.

APPROVAL.

OFFICE OF THE U. S. SUPERVISOR OF SURVEYS

Denver, Colo., December 28, 1926

The foregoing field notes of the resurvey of Part of West Boundary of Township 15 North, Range 3 West, Part of East Boundary of Township 15 North, Range 5 West, and Part of East Boundary of Township 16 North, Range 5 West, and of the SURVEY of the East and West bdrs. and Subdivision lines of Fractional Township 15½ North, Range 4 West, and Boundary of Tract No. 39 of Frac. Township 15½ North, Range 4 West, of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Sidney E. Blout, U. S. Cadastral Engineer,

under his special instructions dated February 11, 1924, for Group 128, Ariz., , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the results and surveys they describe, are hereby approved.

Frank M. Johnson,
U.S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above-described resurveys and surveys in Book "B" of Group 128, Ariz., has been correctly copied from the original notes.

Frank M. Johnson
U. S. Supervisor of Surveys.

4—7144

Book "C"

4—679

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FIELD NOTES

OF THE RESURVEY OF

the 4th Standard Parallel North thru Range 4 West,

the South Boundary

East Boundary

West Boundary

North Boundary and

Subdivision Lines of

Township 16 North, Range 4 West

and of the SURVEY of

North Boundary of

Frac. Township 15½ North, Range 4 West,

Of the Gila and Salt River Base and *Meridian,*

in the State of Arizona

EXECUTED BY

Sidney E. Blout,

U. S. Cadastral Engineer

in the capacity of U. S. Surveyor, under Special Instructions dated February 11, *1924, issued by the United States Surveyor General to govern surveys included in Group No.* 128, Arizona., *which were approved by the Commissioner of the General Land Office,* March 10, *1924, and Assignment Instructions dated* May 1, *1924.*

Resurvey and *Survey commenced* June 25, *1924.*

Resurvey and *Survey completed* August 19, *1924.*

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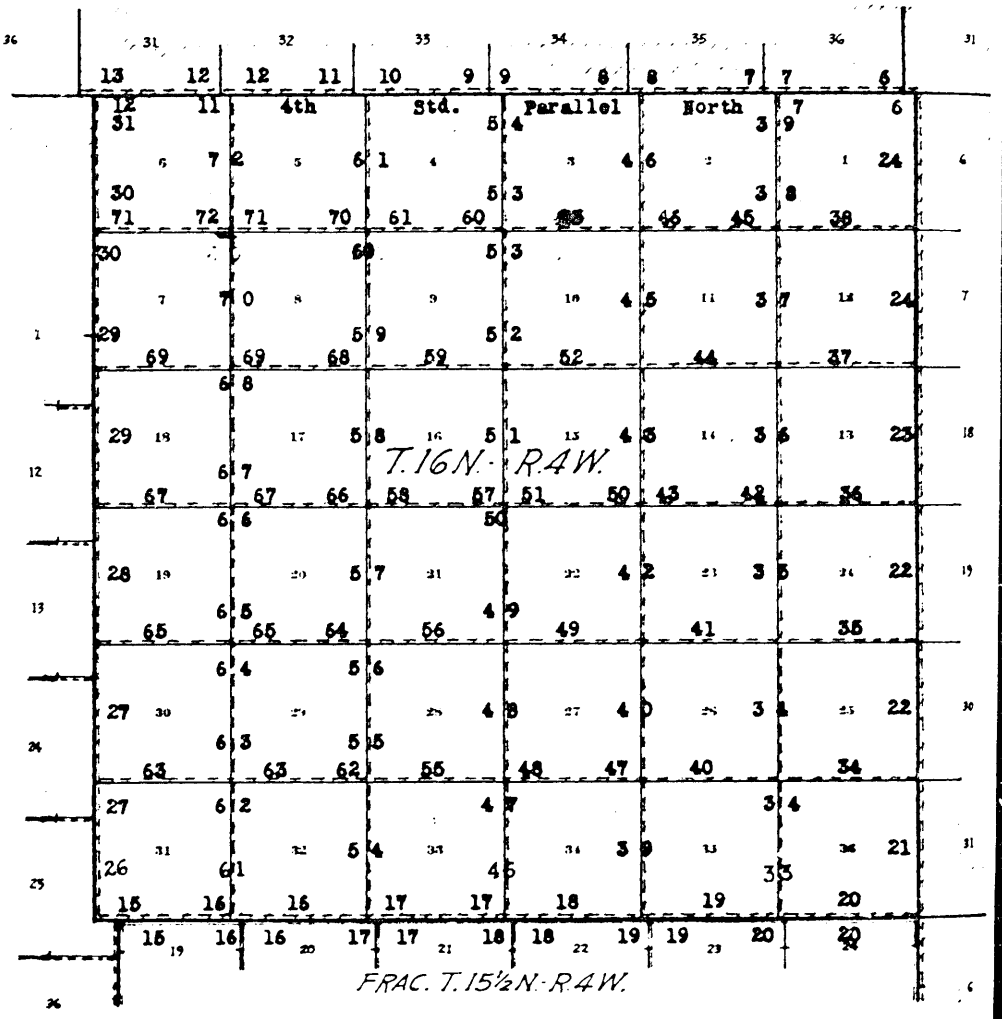
Book "C"

Group 128 - Arizona.

INDEX DIAGRAM.



Surveyed with reference to one township
Resurveyed with reference to one township
} Executed under this group

Surveyed under this group

Retraced under this group

Resurveyed under this group.

Accepted surveys.

Areas surveyed as per accepted plats on file.

Book "C"

Group 128 Arizona

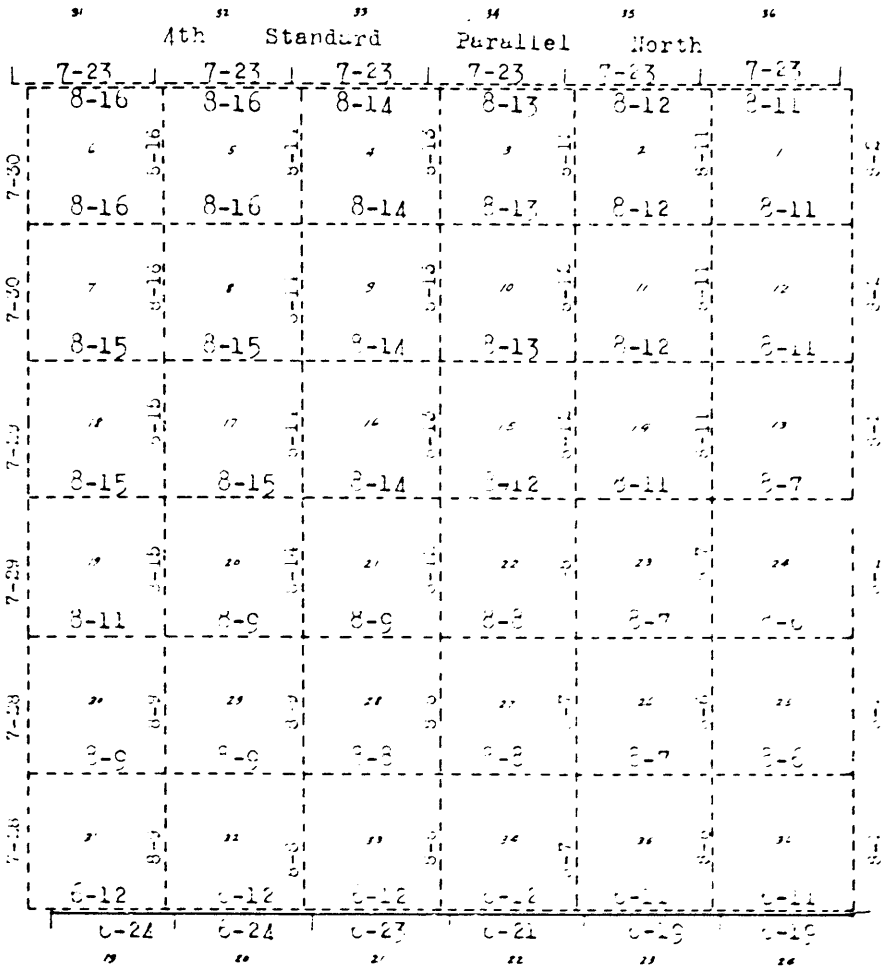
DATE DIAGRAM

1924

324

1

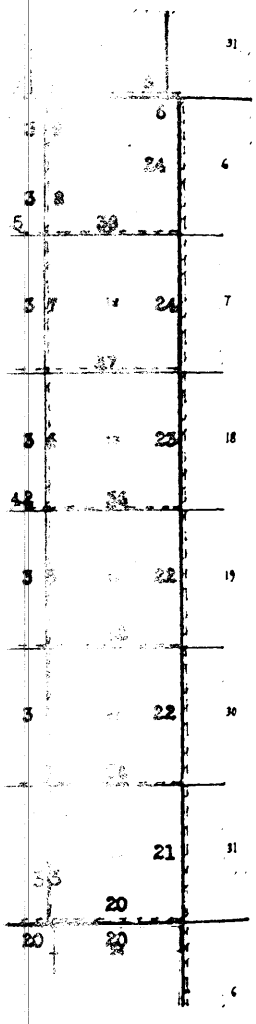
T.17 N.,R.4 W.



Prec. T. 15½ N., R. 4 W.

——— Surveyed by Stanley A. [illegible]

- - - - - - - Resurveyed by Stanley A. Elliott, [illegible]



outed under this group

The resurveys and surveys hereinafter described were executed on dates shown on diagram on page 1 hereof by Sidney E. Blout, U.S.Cadastral Engineer, using Buff Rocky Mountain Favorite Solar Transit No.16724 on all work prior to July 30,1924, and A.Dietz transit No.6166 on all work after that date.

The Buff transit is equipped with U-shaped standards, 4 inch horizontal circle, 4 inch vertical circle, and Improved Smith solar attachment.

The Dietz transit is equipped with a full vertical circle and the Smith solar attachment.

Unless otherwise specified all azimuth determinations are accomplished with the solar attachment, except the special observations on Polaris for meridian, upon which to test the solar apparatus, as stated in the field notes.

All measurements are made with a Lufkin 5-chain steel tape, compared with a Chesterman standard 1-chain steel tape and found correct. The measurements are made on the slope, vertical angles determined with clinometer, and the slope measurements properly reduced to horizontal distances for entry in the field notes.

The instruments were both examined, tested on the true meridian at the Federal Building in Phoenix, Arizona, found correct, and were approved by the Assistant Supervisor of Surveys for Arizona and California on May 1,1924, conditional upon satisfactory field tests.

TEST of BUFF SOLAR TRANSIT No.16724

June 25,1924; Examine the adjustments of the transit and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a.m. and p.m. hours with a meridian established by observations on Polaris; proceed as follows;

June 25,1924; at camp, at the J.W.Stewart ranch, in NW.¼ of sec.15, T.16 N., R.4 W., Gila and Salt River Base and Meridian, Arizona, latitude 34°46'15"N., and longitude 112°40½'W., at 4 h.,00 m. p.m., l.m.t., set off 34°46'N., on the lat.arc, 23°23½'N. on the decl.arc, and determine a meridian with the solar and mark a point thereon by a tack in a peg driven firmly in ground about 8 chs. N. of station.

June 26,1924; at same station, at 1 h.21 m. a.m. by watch set by Western Union Telegraph clock to read correct local mean time, observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark mean point in the line thus determined by a tack in a peg set firmly in the ground about 8 chs. N.

Azimuth of Polaris at eastern elongation=1°20'50"

June 26,1924; at 8 h.00 m. a.m. lay off azimuth of Polaris 1°21' to the west and mark meridian thus determined by a tack in the peg set last evening, on which the meridian falls about ½' east of the mark determined by the solar.

At 8 h.30m. a.m. l.m.t. set off 34°46' N. on the lat.arc, 23°22' N. on the decl.arc, and determine with the solar a meridian and mark a point thereon by a tack in the peg set last evening. This point falls 1' in arc east of the meridian established by Polaris observation.

As all of the solar observations made during the usual hours of

solar work come within 1' of the true meridian, conclude that the adjustment of the instrument is satisfactory.

The magnetic bearing of the true meridian is N.15° E.

TEST OF THE A. ...ITZ TRANSIT NO.6166

July 29,1914, at Same station, examine the adjustments of the transit and correct the level and collimation errors; then, to test the solar apparatus, by comparing its indications resulting from solar observations made during a.m. and p.m. hours with a meridian established by observations on Polaris, proceed as follows:

July 29,1914, at 4 h.,30 m. p.m., l.m.t., set off 34° 46'N., on the lat.arc, 18°40'N. on the decl.arc and determine a meridian with the solar and mark a point thereon by a tack driven in the stake already set about 8 chs. N. of station. This mark falls 1g'E. of the meridian established by the Polaris observations.

July 30,1914, at 7 h.,00 m., a.m., l.m.t., with the lat.arc unchanged, set off 18°31'N. on the decl.arc and determine a meridian with the solar and mark a point thereon by a nail driven in the stake already set about 8 chs. N. of station. This mark falls 3' W. of the meridian established by the Polaris observations.

Each solar observation agrees within 1½' with the meridian established by Polaris observations, therefore conclude that the adjustment of the instrument is satisfactory.

The magnetic bearing of the true meridian is N.14°55'W.

Resurvey of
4th Standard Parallel North thru Range 4 West
and North Boundary of Township 16 North, Range 4 West

The 4th Standard Parallel North, thru Range 4 West was surveyed by S.W.Foreman, U.S.D.S. in 1871 and no retracement or resurvey of this part of the parallel is of record.

The record of said survey describes the monumenting of all the std.sec.and ¼ sec.cors.and also both std.Tp.cors., with wood posts set in ground and mound of earth, with pits as accessories and none of said cors.had bearing trees.

The only recorded change in these cor.monuments is that of the two std.Tp.cors; the std.cor.of Ts.17 N., Rs.4 and 5 W.having been reconstructed in original position by A.B.Mader, U.S.D.S. in 1902, and the std.cor.of Ts.17 N., Rs.3 and 4 W.was recorded by A.H.Johnston U.S.G.S. in 1916 as a marked stone in a mound of stone instead of the wood post of the original survey.

In retracing the parallel as a preliminary process to the resurvey thereof as hereinafter described, all of the std. sec.and ¼ sec.cors.in R.4 W. with the exception of the std.¼ sec.cor.of sec.36, were found to be monumented with stones properly set and marked, but with no accessories. The origin of these stone cor.monuments is unknown, but in view of the fact that alongside two of them were found remains of the original wood posts, the location of others agreeing with fence lines constructed many years ago, and the general agreement of the bearings and distances with the original record, conclude that all of said stone cor.monuments have been set at the original cor. points and are so recorded in this resurvey.

The East and West boundaries and the subdivision lines of T.16 N., R.4 W. were surveyed by S.W.Foreman U.S.D.S. in 1871 and 1872, establishing closing cors.at the several points of intersection of the range lines and subdivision lines with the Parallel, monumenting all said closing cors.with wood posts set in mound and pit of earth, with pits as accessories, and no bearing trees to any of them.

The West boundary of T.16 N., R.4 W. was resurveyed in 1903 by A.B.Mader U.S.D.S. who reestablished the closing cor. of Ts.16 N., Rs.4 and 5 W. at approximately 80 chs. W. of its original position and monumented same with a granite stone witnessed by two bearing trees.

There is no record of any change in any of the closing cors. of the subdivision lines and Westerly of T.16 N., R.4 W.

In retracing the Parallel as hereinafter described, no trace of any of the subdivisional closing cors. of T.16 N., R.4 W. could be found.

The following notes describe a resurvey of the 4th Std. Parallel N. thru T.4 W., combined with a resurvey of the North Bdy. of T.16 N., R.4 W., reestablishing the Std. sec.cor.of sec.36, T.17 N., R.4 W., the closing cor. of Ts.16 N., Rs.4 and 5 W., and all of the subdivisional closing cors. of T.16 N., R.4 W., at distances proportional to the record of their establishment, destroying the closing cor. of Ts.16 N., Rs.4 and 5 W. reestablished by A.B.Mader U.S.D.S. in 1903, and reconstructing the Std. cor. of Ts.17 N., Rs.3 and 4 W., all existing ¼ sec.cors. and ¼ sec.cors. and the closing cor. of Ts.16 N., Rs.3 and 4 W., in their original positions.

After determining by proportion the points for the closing cors. of T.16 N., R.4 W., on the north of the mouths of all secs. in said Tp., a set of ¼ sec.cors. is established on the parallel at midpoints of said lines, with the exception of sec.6 where the ¼ sec.cor. is established at such point as will maintain the original proportion between the East and West halves of said section.

Resurvey of
4th Standard Parallel North thru Range 4 East
and North Boundary of Township 16 North, Range 4 East

Retracement for Resurvey.

From std.cor.of Tw.17 N., Ra.4 and 5 E., hereinafter described,
East, on random line, on S.bdy.of Sec.31 (N.E.)
8.30 Diligent search in this vicinity fails to reveal any trace of the original closing cor.of Tw.16 N., Ra.4 & 5 E.
Set temp. C.C.
10.15 Intersect the std. Sec.cor., hereinafter described.
True course and dist.of S.bdy.of Sec.31 are therefore, East, 10.15 chs.
Thence
East, on random line, on S.bdy.of Sec.31 (N.E.)
10.20 Pull 16 lks.S.of the std.cor.of Secs.31 and 32, hereinafter described.
True course and dist.of N.E. of S.bdy.of Sec.31 are therefore, S.89°20'W., 10.20 chs.

East, on random line, on S.bdy.of Sec.32 (N.E.)
6.50 Diligent search in this vicinity fails to reveal any trace of the original closing cor.of Secs.5 and 6.
Set temp. C.C.
10.01 Pull 57 lks.S.of the std. Sec.cor., hereinafter described.
True course and dist.of N.E. of S.bdy.of Sec.32 are therefore, S.89°11'W., 10.01 chs.
Thence
East, on random line, on S.bdy.of Sec.32 (N.E.)
30.00 Pull 42 lks.S.of std.cor.of Secs.32 and 33, hereinafter described.
True course and dist.of N.E. of S.bdy.of Sec.32 are therefore, N.89°24'E., 30.0 chs.

East, on random line, on S.bdy.of Sec.33 (N.E.)
6.09 Diligent search in this vicinity fails to reveal any trace of original closing cor.of Secs.4 and 5.
Set temp. C.C.
30.00 Pull 29 lks.S.of std. Sec.cor., hereinafter described.
True course and dist.of N.E. of S.bdy.of Sec.33 are therefore, N.89°29'E., 30.0 chs.
Thence
East, on random line, on S.bdy.of Sec.33 (N.E.)
10.07 Pull 15 lks. S.of std.cor.of Secs.33 and 34, hereinafter described.
True course and dist.of N.E. of S.bdy.of Sec.33 are therefore, N.89°47'E., 10.07 chs.

East, on random line, on S.bdy.of Sec.34 (N.E.)
5.00 Diligent search in this vicinity fails to reveal any trace of original closing cor.of Secs.3 and 4
Set temp. C.C.
30.00 Pull 52 lks. S.of std. Sec.cor., hereinafter described.
True course and dist.of N.E. of S.bdy.of Sec.34 are therefore, N.89°45'E., 30.0 chs.

East, on random line, on S.bdy.of Sec.35 (N.E.)
5.00 Diligent search in this vicinity fails to reveal any trace of original closing cor.of Secs.2 and 3
Set temp. C.C.
40.16 Pull 33 lks. S.of std. Sec.cor., hereinafter described.
True course and dist.of N.E. of S.bdy.of Sec.35 are therefore, N.89°(illegible)E., 40.16 chs.