

Original 195
1

Book "A."

3322

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BOOK 3322

FIELD NOTES

~~OF THE RETRACEMENT OF THE SURVEY OF THE~~
~~Part of the East Boundary~~

~~NORTH HALF~~ RESURVEY OF

~~South~~ North Half of West Boundary

South Half of East Boundary

and part of the Subdivisional lines

SURVEY OF

South Boundary and South Half of West Boundary and

Completion of Subdivisional Lines of

TOWNSHIP 11 NORTH, RANGE 2 EAST

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

William H. Richards, Jr., U. S. Surveyor,

~~In the capacity of U. S. Surveyor~~, under Special Instructions dated October 14, 1915,
issued by the United States Surveyor General to govern surveys included in Group
No. 61, Arizona, which were approved by the Commissioner of the General Land
Office, October 28, 1915, and Assignment Instructions dated January 6, 1916.

~~Retracement~~
Resurvey & Survey commenced January 24, 1916

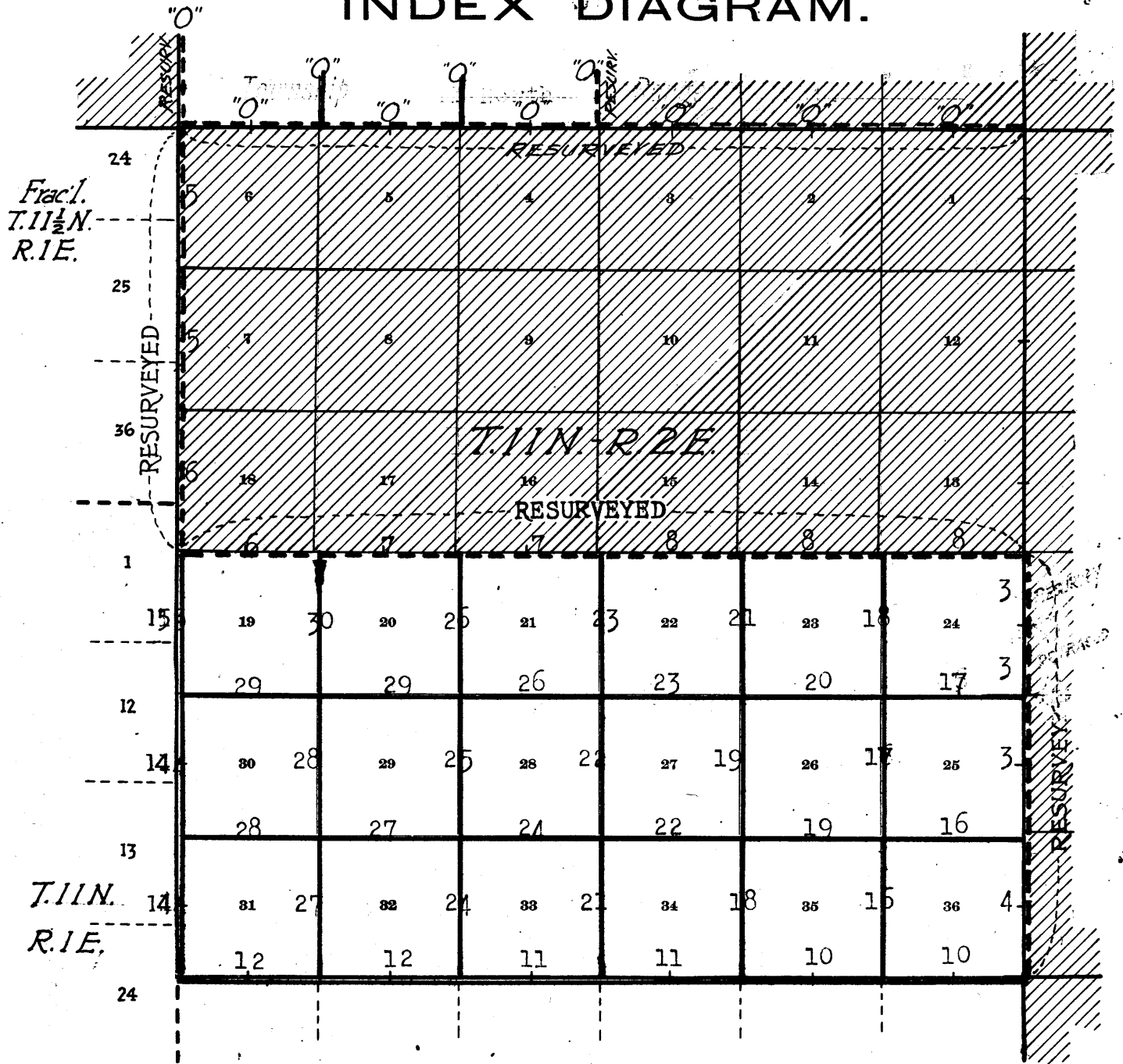
~~Retracement~~
Resurvey & Survey completed February 9, 1916.

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Group 61 - - Arizona.
Township 11 North, Range 2 East.

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INDEX DIAGRAM.



- Surveyed under this group.
- Retraced or resurveyed under this group.
- Accepted surveys.
- Unsurveyed.
- Areas surveyed as per accepted plats on file.

2. Retracement of the South Half of E. Bdy. of T. 11 N., R. 2 E.

Chains.

- ground, marked and witnessed as described by the Surveyor-General.
The true course and distance of this half mile is therefore S.0°39'E., 40.04 chs.
- 39.78 From the $\frac{1}{4}$ sec. cor.,
South on retracement, bet. secs. 19 and 24. (S. $\frac{1}{2}$).
Fall 10 lks. E. of the cor. of secs. 19, 24, 25 and 30, which is a limestone, 16 X 10 X 4 ins. above ground, marked as described by the Surveyor-General, but with only faint evidence of pits.
The true course and distance of this half mile is therefore S.0°9'W., 39.78 chs.
- 39.87 From the cor. of secs. 19, 24, 25 and 30,
South on retracement, bet. secs. 25 and 30. (N. $\frac{1}{2}$).
Fall 29 lks. W. of the $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is a cedar stake, 3 ft. long, marked $\frac{1}{4}$. No evidence of pits visible.
The true course and distance of this half mile is therefore S.0°25'E., 39.87 chs.
- 39.92 From the $\frac{1}{4}$ sec. cor.,
South on retracement, bet. secs. 25 and 30. (S. $\frac{1}{2}$).
Fall 33 lks. W. of the cor. of secs. 25, 30, 31 and 36, which is a granite stone, 16 X 8 X 5 ins. above ground, marked and witnessed as described by the Surveyor-General.
The true course and distance of this half mile is therefore S.0°28'E., 39.92 chs.
- 40.09 From the cor. of secs. 25, 30, 31 and 36,
South on retracement, bet. secs. 31 and 36. (N. $\frac{1}{2}$).
Fall 60 lks. W. of the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is a granite stone, 9 X 9 X 9 ins. above ground, marked and witnessed as described by the Surveyor-General.
The true course and distance of this half mile is therefore S.0°52'E., 40.09 chs.
- 40.44 From the $\frac{1}{4}$ sec. cor.,
South on retracement, bet. secs. 31 and 36. (S. $\frac{1}{2}$).
Fall 26 lks. W. of the cor. of Ts. 10 and 11 N., Rs. 2 and 3 E., which is a granite stone, 22 X 10 X 8 ins. above ground, marked as described by the Surveyor-General, but unwitnessed.
The true course and distance of this half mile is therefore S.0°22'E., 40.44 chs.

Chains.

Survey executed by William H. Richards, Jr., U. S. Surveyor, on dates shown on page 31 hereof, using Buff solar transit No. 9206, equipped with Smith solar. The horizontal limb of the transit is provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs of the solar.

The instrument was examined, tested on the true meridian at Phoenix, Arizona, was found correct and was approved by the Assistant Supervisor of Surveys for Arizona and California, January 6, 1916, conditional upon satisfactory field tests.

In the survey of all lines under this Group, 5-ch. tapes and clinometers were used, slope measurements were made and angles read, and the horizontal distance was computed for each item of topography.

I examine the adjustments of the transit and correct all 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 determined by observations on Polaris at elongation, I proceed as follows:

January 19, 1916. At camp, 5 chs. E. of the Cordes store, at Cordes, Arizona, in the north east quarter of sec. 29, T. 11 N., R. 2 E., lat. $34^{\circ}18\frac{1}{2}'N.$, long. $112^{\circ}9'38''W.$, at 3 hrs. 4 m., p.m., l.m.t., by watch, which is set to correct local mean time, I set off $34^{\circ}18\frac{1}{2}'N.$ on the lat. arc; $20^{\circ}26'S.$ on the decl. arc; and determine a meridian with the solar, marking a point thereof by a nail driven in a stake, set 5 chs. N. of instrument.

At 11 hrs. 32.3 m., p.m., l.m.t., I observe Polaris at western elongation, in accordance with the Manual of Instructions, marking a point in the line thus determined on a stake, 5 chs. N. of instrument,

January 19, 1916.

January 20, 1916.

At 7 hrs. 18 m., a.m., l.m.t., I lay off the azimuth of Polaris, $1^{\circ}22\frac{1}{2}'$ to the east and mark the meridian thus determined by a nail driven in the stake previously set. From this meridian, the bearing of the solar meridian determined last evening is $N.0^{\circ}1'E.$

At 8 hrs. 4 m., a.m., l.m.t., I set off $34^{\circ}18\frac{1}{2}'N.$ on the lat. arc; $20^{\circ}15'S.$ on the decl. arc; and determine a meridian with the solar. The line thus determined referred to the true meridian, brs. $N.0^{\circ}1'E.$

The solar apparatus, by a.m. and p.m. observations, defines positions of meridians which deviate 1' from the true meridian determined by observations on Polaris. Since this deviation is within the limit prescribed by my instructions, I conclude that the solar is in satisfactory adjustment.

Retracement of the South Half of the East Boundary of

T. 11 N., R. 2 E.

The position of the original cor. of secs. 13, 18, 19 and 24, on the E. Bdy. of T. 11 N., R. 2 E., is determined by a mound of stone, with evidence of pits--the old post has disappeared.

Thence

South on retracement, bet. secs. 19 and 24 ($N.\frac{1}{2}$)

40.04 Fall 45 lks. W. of the $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, which is a volcanic stone, 14 X 11 X 8 ins. above

Resurvey of the South Half of E. Bdy. of T. 11 N., R. 2 E. 3.

Chains. RESURVEY.

Begin at the recognized position of the original cor. of secs. 13, 18, 19 and 24, on the E. Bdy. of T. 11 N., R. 2 E., hereinbefore described. Reestablish this cor. in the same place as follows:

Set a malpais stone, 18 X 13 X 5 ins., 12 ins. in the ground, for reestablished cor. of secs. 13, 18, 19 and 24, marked with 3 notches on N. and S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Thence

S.0°39'E., on true line bet. secs. 19 and 24. (N.½)
Over rolling mesa, through scattering undergrowth.

31.00 Desc. 55 ft.

35.00 Road, brs. E. and W. to Cordes. Thence over rolling land.

40.04 The ¼ sec. cor. of secs. 19 and 24, hereinbefore described.

From the ¼ sec. cor.,

S.0°9'W., on true line, bet. secs. 19 and 24. (S.½)
Desc. 25 ft.

18.46 Wash, 20 lks. wide, 3 ft. deep, course S.70°E. Asc. 35 ft.

20.00 Low spur, slopes E. Desc. 30 ft.

25.00 Wash, 20 lks. wide, 2 ft. deep, course E. Asc. 40 ft.

31.00 Spur, slopes N.70°E. Desc. gradually.

39.78 The original cor. of secs. 19, 24, 25 and 30, hereinbefore described, unwitnessed. Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.
Soil, stony adobe, 3rd rate.
No timber.
Undergrowth, cactus, scrub oak and cat claw.
Bunch grass on N. half mile.

RESURVEY.

S.0°25'E., on true line, on W. bdy. of sec. 30. (N.½).
Over rolling land, through scattering undergrowth.

5.72 Road, brs. E. and W. to Cordes.

6.19 Fence brs. E. and W.

10.00 Head of wash, course S.60°E. Asc. gradually.

31.25 Road brs. S.80°E. and N.80°W. to Cordes.

33.40 Spur, slopes E. Desc. 15 ft.

39.30 Fence brs. E. and W.

39.50 Head of wash, course E.

39.87 The original ¼ sec. cor. of secs. 25 and 30, hereinbefore described. Reestablish this cor. in the same place as follows:

Set a granite stone, 12 X 10 X 8 ins., 8 ins. in the ground, for reestablished ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Closing cor. being set for secs. 25 & 36, as hereinafter described, this cor. becomes ¼ sec. cor. for sec. 30 only.

From the reestablished ¼ sec. cor.,

S.0°28'E., on true line, on W. bdy. of sec. 30. (S.½).
Asc. 35 ft.

3.85 Ditch, course E.

4.15 Spur, slopes E. Desc. 30 ft.

10.13 Enter cultivated field, brs. N.70°E. and S.70°W.

17.65 Leave cultivated field, same bearing.

24.85 North bank of Big Bug Creek, brs. E. and W. Thence across dry bed of stream, flows E.

25.63 South bank of Big Bug Creek, brs. E. and W. Asc. 90 ft.

28.02 Fence brs. N.70°E. and S.70°W.

36.72 Spur, slopes N.45°W. Desc.

39.92 The original cor. of secs. 25, 30, 31 and 36, hereinbefore described. Alter this cor. to refer to secs. 30 and 31 only by destroying the original mound of stone, and raising a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Land, rolling.
Soil, stony, 4th rate; 1st rate, sandy loam, in creek bottom.

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4. Resurvey of a part of the East 2. Bdy. of T. 11 N., R. 2 E.

Chains.

Timber, scattering walnut along Big Bug Creek.
Undergrowth, scrub oak and mountain cranberry.
No grass.

From the reestablished cor. of secs. 30 and 31,
S.0°52'E., on true line, on W. bdy. of sec. 31. (N. $\frac{1}{2}$).
Over rolling land, through scattering undergrowth.
Desc.
9.80 Wash, 10 lks. wide, 2 ft. deep, course N.35°W. Asc. 75
ft.
18.00 Desc.
32.50 Wash, 10 lks. wide, 3 ft. deep, course N.30°E. Asc. 45 ft.
40.09 The original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, hereinbe-
fore described. Now refers to sec. 31 only.

From the $\frac{1}{4}$ sec. cor.,
S.0°22'E., on true line, on W. bdy. of sec. 31. (S. $\frac{1}{2}$)
Asc. 115 ft., over rolling mountainous land.
10.90 Ridge, brs. N.45°W. and S.45°E. Desc. 110 ft.
24.90 Head of wash, course S.45°W. Asc. 20 ft.
29.90 Spur, slopes S.45°W. Desc. 75 ft.
34.90 Wash, 30 lks. wide, 3 ft. deep, course W. Asc. 35 ft.
40.44 The original cor. of Ts. 10 and 11 N., Rs. 2 and 3 E.,
hereinbefore described, unwitnessed. Raise a mound
of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor.
Land, rolling and rolling mountainous.
Soil, gravelly, stony; 3rd rate.
No timber.
Undergrowth, scrub oak, cat claw and cactus.
No grass.

Resurvey of North Half of W. Bdy., and Portion of the Subdivisional Lines of T. 11 N., R. 2 E.

Chains.

From the cor. of T. 11 & 12 N., R. 2 E., T. 12 N., R. 1 E. & Fracl. 11 1/2 N., R. 1 E., which is a malpais stone, 12 X 8 X 24 ins. above ground, firmly set, marked and witnessed as described by the Surveyor-General, South on a random line, along W. bdy. of T. 11 N., R. 2 E., setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs., and making diligent but unsuccessful search at each temp. point for the original cors., for 3 miles, at which point I set the temp. cor. of secs. 18 and 19.

Then from the reestablished cor. of secs. 13, 18, 19 and 24, hereinbefore described, on the E. bdy. of T. 11 N., R. 2 E.,

N. 89° 59' W., on a random line, setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs., and making diligent but unsuccessful search for the original cors. at each temp. cor.; and at 478.33 chs., fall 10.41 chs. south of the temp. cor. of secs. 18 and 19.

Being unable to find any of the original cors. along either of these lines, I resurvey the North Half of the West Bdy. south from the existing NW. Tp. cor., a distance of 3 miles. The lines connect by a right line, with cors. at distances proportional to the original measurements, the reestablished cor. of secs. 13, 18, 19 and 24 on the E. bdy. with the reestablished cor. of secs. 18 and 19 on the west bdy. of the Tp. From the falling of the random line, the bearing of the true line connecting these cors. is N. 88° 44' W., and the length of the line is 12 lks. longer than the random line, or 478.33 + .12 = 478.45 chs. The length of each individual mile, except between secs. 18 and 19, on this line, is found from the proportion 478.45 : 478.75 :: X : 80.00, from which X = 79.95 chs.

Return to the cor. of T. 11 and 12 N., R. 2 E., T. 12 N., R. 1 E., and Fracl. T. 11 1/2 N., R. 1 E., hereinbefore described.

Thence

South on a true line, along W. bdy. of sec. 6. Over rolling land, through scattering undergrowth.

4.40 Road, brs. N. 45° W. to Mayer and S. 45° E. to Cordes.

20.00 Desc. 35 ft.

26.97 Wash, 20 lks. wide, 2 ft. deep, course S. 45° E. Asc. 130 ft.

38.83 National Forest Boundary post, 4 X 4 ins. square, brs. W. 18 lks. dist. S. F., P. & P. Ry., brs. W. 2.20 chs. dist.

40.00 Spur, slopes S. 45° E.

Set a granite stone, 11 X 11 X 5 ins., 8 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 6, marked 1/4 on E. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

Desc. gradually.

75.70 Wash, 5 lks. wide, 1 ft. deep, course S. 45° E. Asc.

80.00 Set a granite stone, 13 X 9 X 6 ins., 9 ins. in the ground, for reestablished cor. of secs. 6 and 7, marked with 1 notch on N. and 5 notches on S. edge; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

Land, rolling.

Soil, stony adobe, 3rd rate.

No timber.

Undergrowth, cat claw and scrub oak.

Some grass.

South on a true line, along W. bdy. of sec. 7. Over rolling land, through scattering undergrowth. Asc. 65 ft.

15.31 From this point, Cordes Station brs. S. 54 3/4° W. Thence over rolling land.

6. Resurvey of North Half of W. Bdy.,
and a Portion of the Subdivisional Lines of T. 11 N., R. 2 E.

Chains.
40.00 Low spur, slopes N.80°E.
Set a malpais stone, 14 X 10 X 8 ins., 10 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 7, marked $\frac{1}{4}$ on E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
Desc. 125 ft.
41.30 From this point, Cordes Station brs. N.33°W.
51.51 Wash, 5 lks. wide, 1 ft. deep, course E. Asc. 65 ft.
52.00 Road, brs. E. and W.
61.10 Spur, slopes E. Desc. 45 ft.
68.20 Wash, 5 lks. wide, 2 ft. deep, course S.60°E. Asc. 35 ft.
80.00 Set a granite stone, 12 X 12 X 3 ins., 8 ins. in the ground, for reestablished cor. of secs. 7 and 18, marked with 2 notches on N. and 4 notches on S. edge; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
Land, rolling.
Soil, stony adobe, 3rd rate.
No timber.
Undergrowth, mesquite, cat claw and scrub oak.
Some poor grass.

South on a true line, along W. bdy. of sec. 18.
Over mountainous land, through scattering undergrowth.
Asc. 45 ft.
9.00 Spur, slopes S.80°E. Desc. 180 ft.
24.65 Wash, 20 lks. wide, 3 ft. deep, course S.60°E. Asc. 120 ft.
40.00 Set a malpais stone, 20 X 10 X 8 ins., 12 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 18, marked $\frac{1}{4}$ on E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
Desc. 120 ft.
62.36 Wash, 10 lks. wide, 2 ft. deep, course S.45°E. Asc. 20 ft.
70.00 Low spur, slopes E. Desc.
74.26 Wash, 5 lks. wide, 2 ft. deep, course E. Asc. 70 ft.
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground, in a mound of stone, for reestablished cor. of secs. 18 and 19, marked on brass cap.

T11N R2E
S18
S19
1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
Land, mountainous.
Soil, stony adobe, 3rd rate.
No timber.
Undergrowth, scrub oak and cat claw.
No grass.

RESURVEY of Portion of Subdivisional lines of T.11 N.,R.2 E.

From the reestablished cor. of secs. 18 and 19, on the W. bdy. of Tp., hereinbefore described,
S.88°44'E., on a true line, along S. bdy. of sec. 18.
Over rolling land, through scattering timber and undergrowth.
Desc. 55 ft.
7.44 Wash, 5 lks. wide, 2 ft. deep, course N.20°E. Asc. 170 ft.
37.50 Ridge, brs. N.30°W. and S.30°E. Descend 195 ft.
38.73 (Proportional distance) Set a malpais stone, 24 X 18 X 5 ins. 18 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 18, marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
Continue descent.

Resurvey of ~~Part of~~ ~~the~~ ~~Subdivisions~~ ~~of~~ ~~T. 11 N., R. 2 E.~~
 a Portion of the Subdivisional Lines of T. 11 N., R. 2 E.

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7.

Chains.	
73.70	Wash, 5 lks. wide, 2 ft. deep, course N. Asc. 20 ft.
78.70	(Proportional Distance) Set a malpais stone, 17 X 11 X 5 ins., 12 ins. in the ground, for reestablished cor. of secs. 17 and 18, marked with 3 notches on N. and 5 notches on E. edge; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Land, rolling. Soil, stony adobe, 3rd rate. Undergrowth, cat claw and scrub oak. Timber, scattering cedar. Poor grass.
	S.88°44'E. on a true line, along S. bdy. of sec. 17. Over rolling land, through scattering undergrowth. Asc. 20 ft.
4.00	Spur, slopes N.50°E. Desc. 70 ft.
25.41	Dry creek, 25 lks. wide, 3 ft. deep, course S. Asc.
33.73	Road, brs. N. and S. Desc.
39.40	Wash, 5 lks. wide, 3 ft. deep, course S.20°W. Thence over rolling land.
39.97½	(Proportional distance) Set a malpais stone, 12 X 10 X 8 ins., 8 ins. in the ground, for reestablished ¼ sec. cor. of sec. 17, marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
65.00	Asc. 25 ft.
70.00	Spur, slopes S.50°W. Desc. 25 ft.
75.00	Head of wash, course S.50°W. Asc. 15 ft.
77.20	Spur, slopes S.10°W. Desc. 20 ft.
79.95	(Proportional distance) Set a quartzite stone, 15 X 8 X 6 ins., 10 ins. in the ground, for reestablished cor. of secs. 16 and 17, marked with 3 notches on N. and 4 notches on E. edge; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Land, rolling. Soil, stony adobe, 3rd rate. No timber. Undergrowth, cat claw and scrub oak. Poor grass.
	S.88°44'E., on a true line, along S. bdy. of sec. 16. Over rolling mountainous land, through scattering undergrowth. Desc. 20 ft.
2.38	Wash, 5 lks. wide, 2 ft. deep, course S. Asc. 60 ft.
16.00	Spur, slopes S. Desc. 40 ft.
18.51	Wash, 5 lks. wide, 2 ft. deep, course S. Asc. 30 ft.
25.00	Road, brs. N. and S. Spur, slopes S. Desc.
35.00	Head of wash, course S. Asc. 35 ft.
39.97½	(Proportionate distance) Set a granite stone, 12 X 10 X 4 ins., 8 ins. in the ground, for reestablished ¼ sec. cor. of sec. 16, marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Desc. 30 ft.
44.00	Thence over rolling land.
55.90	Head of wash, course S.25°W. Asc. 110 ft.
65.00	Ridge, brs. N.60°W. and S.60°E. Desc.
66.08	Road, brs. N.50°W. to Mayer and S.50°W. to Cordes.
70.00	Asc.
75.50	Ridge, brs. N.50°E. and S.50°W? Desc.
79.95	(Proportional distance) Set a granite stone, 18 X 10 X 6 ins., 12 ins. in the ground, for reestablished cor. of secs. 15 and 16, marked with 3 notches on N. and E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Land, mountainous and rolling. Soil, stony, 4th rate.

8. Resurvey of North Half of N. 30y., and
a Portion of the Subdivisional Lines of T. 11 N., R. 2 E.

Chains.

No timber.
Undergrowth, cat claw and scrub oak.
Poor grass.

S.88°44'E., on a true line, along S. bdy. of sec. 15.
Over mountainous land, through scattering undergrowth.
Asc.

- 6.00 Ridge, brs. N. and S. Desc. on spur, 120 ft.
20.00 Head of wash, course N. Asc. 110 ft.
29.00 Spur, slopes N.70°E. Desc.
36.00 Head of wash, course S. Asc. 55 ft.
39.97½ (Proportional distance) Set a quartzite stone, 16 X 7 X 6
ins., 11 ins. in the ground, for reestablished $\frac{1}{4}$ sec.
cor. of sec. 15, marked $\frac{1}{4}$ on N. face; and raise a mound
of stone, 2 ft. base, 1½ ft. high, N. of cor.
Asc. 55 ft.
44.00 Spur, slopes S. Old mine brs. S. 6 chs. dist. Desc.
79.95 (Proportional distance) Set a granite stone, 20 X 11 X 10
ins., 15 ins. in the ground, for reestablished cor. of
secs. 14 and 15, marked with 3 notches on N. and 2 notches
on E. edge; and raise a mound of stone, 2 ft. base, 1½
ft. high, N. of cor.
Land, mountainous.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw and scrub oak.
No grass.

S.88°44'E., on a true line, along S. bdy. of sec. 14.
Over rolling land, through scattering undergrowth.
Desc. 65 ft.

- 13.50 West bank of Big Bug Creek, brs. N. and S. Thence across
Big Bug Creek, 30 lks. wide, 4 ins. deep, course S.
15.00 East bank of Big Bug Creek, brs. N. and S. Asc. 50 ft.
21.50 Spur, slopes S. Desc. 25 ft.
27.10 Road, brs. S.45°E. and N.45°W.
39.97½ (Proportional distance) Set a granite stone, 23 X 8 X 3
ins., 18 ins. in the ground, for reestablished $\frac{1}{4}$ sec.
cor. of sec. 14, marked $\frac{1}{4}$ on N. face; and raise a mound
of stone, 2 ft. base, 1½ ft. high, N. of cor.
Thence over rolling land.
42.70 Road, brs. N.30°W. and S.30°E.
58.25 Road, brs. N. and S.
79.95 (Proportional distance) Set a granite stone, 16 X 15 X 4
ins., 11 ins. in the ground, for reestablished cor. of
secs. 13 and 14, marked with 3 notches on N. and 1
notch on E. edge; and raise a mound of stone, 2 ft. base,
1½ ft. high, N. of cor.
Land, rolling.
Soil, adobe and gravel, 3rd rate.
No timber.
Undergrowth, cat claw and scrub oak.
Some poor grass.

S.88°44'E., on a true line, along S. bdy. of sec. 13.
Over rolling land, through scattering undergrowth.

- 1.20 Old trail, brs. N.25°E. and S.25°W.
22.75 Road, brs. N.40°W. and S.40°E.
31.70 Wash, 10 lks. wide, 2 ft. deep, course S.
39.97½ (Proportional distance) Set a malpais stone, 14 X 12
X 4 ins., 10 ins. in the ground, for reestablished $\frac{1}{4}$
sec. cor. of sec. 13, marked $\frac{1}{4}$ on N. face; and raise
a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Resurvey of North Part of T. 13 N., and
a Portion of the Subdivisional Lines of T. 11 N., R. 2 E. 9.

Chains.
79.95

(Proportionally intersect the reestablished cor. of secs.
13, 18, 19 and 24, hereinbefore described.
Land, rolling.
Soil, stony adobe, 3rd rate.
No timber.
Undergrowth, cat claw and cactus.
Poor grass.

Chains.	From the reestablished cor. of Ts. 10 and 11 N., Rs. 2 and 3 E., hereinbefore described, West on a true line, bet. secs. 1 and 36. Over rolling mountainous land, through scattering undergrowth. Desc. 190 ft.
23.77	Wash, 20 lks. wide, 3 ft. deep, course S. Contains stream of water, 5 lks. wide, 2 ins. deep, course S. Asc. 240 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} S36 \\ \hline S1 \\ 1916 \end{array}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
46.10	Spur, slopes N. Desc. 235 ft.
71.39	Wash, 30 lks. wide, 1 ft. deep, course S. Asc. 35 ft.
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 35 and 36, marked on brass cap
	$\begin{array}{r} T11N R2E \\ S35 S36 \\ \hline S2 S1 \\ T10N \\ 1916 \end{array}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	From this cor., old ruins brs. S15°E., 4 chs. dist. Land, rolling mountainous. Soil, gravelly and stony, 4th rate. No timber. Undergrowth, cactus and mesquite. No grass.
	West on a true line, bet. secs. 2 and 35. Over rolling land, through scattering undergrowth.
8.70	Old road, brs. N.10°E. and S.10°W.
20.30	Wash, 10 lks. wide, 6 ins. deep, course S.20°E. Asc. 60 ft.
31.00	Spur, slopes S.5°W. Road on spur, brs. N. and S. Desc. 75 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\begin{array}{r} \frac{1}{4} S35 \\ \hline S2 \\ 1916 \end{array}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
58.46	Wash, 5 lks. wide, 3 ft. deep, course S. Asc. 75 ft.
67.50	Spur, slopes S.20°W. Desc. 75 ft.
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 2, 3, 34 and 35, marked on brass cap
	$\begin{array}{r} T11N R2E \\ S34 S35 \\ \hline S3 S2 \\ T10N \\ 1916 \end{array}$
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, rolling. Soil, gravelly and stony, 4th rate.

Survey of S. Bdy. of T. 11 N., R. 2 E.

Chains.

Timber, none.
Undergrowth, cactus, mesquite and cat claw.
No grass.

- 8.42 West on a true line, bet. secs. 3 and 34.
Over mountainous land, through scattering undergrowth.
Desc. 150 ft.
Wash, 20 lks. wide, 3 ft. deep, course S.15°W. Asc. 170 ft.
- 18.80 Rocky spur, slopes S.20°E. Desc. 115 ft.
- 32.70 Wash, 20 lks. wide, 2 ft. deep, course S.45°E. Asc. 70 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

$\frac{1}{4}$ S34
 $\frac{1}{4}$ S 3
 1916

- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 42.00 Desc. 50 ft.
- 48.50 Wash, course S.30°W. Asc. 65 ft.
- 71.00 Spur, slopes S.15°W. Desc. 130 ft.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 33 and 34, marked on brass cap

T11N R2E
 S33 | S34
 S 4 | S 3
 T10N
 1916

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, mountainous.
Soil, gravelly and stony, 4th rate.
No timber.
Undergrowth, cat claw and cactus.
No grass.

- 3.20 West on a true line, bet. secs. 4 and 33.
Over mountainous land, through scattering undergrowth.
Desc. Antelope Creek, 30 lks. wide, 3 ft. deep, course S., containing stream of water, 5 lks. wide, 2 ins. deep. Asc. 220 ft.
- 12.00 Spur, slopes S.20°E. Desc. 140 ft.
- 26.38 Gulch, course S.30°E., containing stream of water, 3 lks. wide, 1 1/2 ins. deep, Asc. 150 ft.
- 40.00 Ridge, brs. N.40°W. and S.40°E., and spur, slopes S.20°E.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

$\frac{1}{4}$ S33
 $\frac{1}{4}$ S 4
 1916

- And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- Desc. 85 ft.
- 61.50 Head of gulch, course S. Asc. 165 ft.
- 78.00 Spur, slopes S.60°W. Desc. 25 ft.
- 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 4, 5, 32 and 33, marked on brass cap

12. Survey of S. Bdy. of T. 11 N., R. 2 E.

Chains.

T11N	R2E
S32	S33
S 5	S 4
T10N	
1916	

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

Land, mountainous.

Soil, stony, 4th rate.

No timber.

Undergrowth, mountain cranberry, cat claw and scrub oak.

No grass.

West on a true line, bet. secs. 5 and 32.
Over mountainous land, through scattering undergrowth.
Desc. 70 ft.

- 6.17 Gulch, course S. Asc. 160 ft.
16.50 Spur, slopes S.20°E. Desc. 135 ft.
28.00 Head of gulch, course S. Asc. 115 ft.
36.80 Short spur, slopes S. Desc. 120 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

1	S32
$\frac{1}{4}$	S 5
1916	

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

- 42.60 Asc. 35 ft.
47.60 Desc. 120 ft.
54.20 Wash, 10 lks. wide, 2 ft. deep, course S.15°W. Asc. 90 ft.
60.75 Spur, slopes S.70°W. Desc. 180 ft.
80.00 Set an iron post, 3 ft. long, 3 ins. diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 5, 6, 31 and 32, marked on brass cap

T11N	R2E
S31	S32
S 6	S 5
T10N	
1916	

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

Land, mountainous.

Soil, stony, 4th rate.

No timber.

Undergrowth, cat claw and scrub oak.

No grass.

West on a true line, bet. secs. 6 and 31.
Over rolling land, through scattering undergrowth.
Desc. 45 ft.

- 7.57 Wash, 10 lks. wide, 3 ft. deep, course S.60°W. Asc. 70 ft.
11.50 Low spur, slopes S. Desc. 95 ft.
15.85 Wash, 5 lks. wide, course S. Asc. 75 ft.
24.00 Spur, slopes S.30°W. Desc. 125 ft.
29.78 Road, brs. N.10°E. and S.10°W.
32.10 Wash, course S. Pipe line in wash, brs. N. and S. Asc. 100 ft.
37.00 Spur, slopes S.20°W. Desc. 40 ft.
40.00 Set an iron post, 3 ft. long 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

Survey of S. Bdy. of T. 11 N., R. 2 E.

Chains.

1 S31
4 S 6
1916

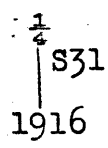
- 44.26 Wash, 10 lks. wide, 3 ft. deep, course S.45°W. Asc. 20 ft.
- 62.00 Road, brs. N. and S.
- 62.95 Intersect E. side line of ~~Doekout~~ patented Mining Claim, 2150, Survey No. 2138, Lower Turkey Creek Mining District, 1902. on sec. 5°29'W from cor. No. 3 (NE. cor.) thereof.
- 71.95 Telephone line, brs. N.60°E. to Cordes and S.60°W. to Turkey Creek.
- 80.52 Intersect the projected W. bdy. of T. 11 N., R. 2 E., 250.49 chs. S. of the reestablished cor. of secs. 18 and 19, hereinbefore described.
At the point of intersection,
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of Ts. 10 and 11 N., R. 2 E., marked on brass cap

T11N
R2E
S31
S 6
T10N

1916

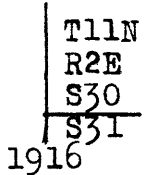
And raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
Land, rolling.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw and scrub oak.
No grass.

Chains. From the cor. of Ts. 10 and 11 N., R. 2 E., hereinbefore described,
 North on a true line, along W. bdy. of sec. 31.
 Over rolling land, through scattering undergrowth.
 Desc. 25 ft.
 6.33 Intersect West side line of Copper Age patented Mining Co. claim, survey No. 2138, Lower Turkey Creek Mining District, 7.83 chs. S. 5° 29' W. from cor No. 4 (NW cor.) thereof.
 8.50 Road, brs. E. and W.
 9.70 From this point, stamp mill brs. W. 3 chs. dist. Several dwelling houses br. E. about 8 chs. dist.
 13.85 Gulch, course S. 20° W. Asc. 25 ft.
 16.00 Desc.
 24.60 Wash, course S. 50° E. Asc. in wash.
 30.00 Leave wash, comes from N. 10° E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31, marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

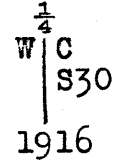
Asc. gradual SE. slope.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 30 and 31, marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

Land, rolling.
 Soil, stony, clay, 3rd rate.
 Timber, none.
 Undergrowth, cat claw and scrub oak.
 No grass.

North on a true line, along W. bdy. of sec. 30.
 Over mountainous land, through scattering undergrowth.
 Asc. 45 ft.
 Desc. 30 ft.
 5.00 Asc. 50 ft.
 10.00 Desc. 15 ft.
 20.00 Wash, 20 lks. wide, 7 ft. deep, course S. 10° E. Asc. in wash, 540 ft.
 25.00
 39.80 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor. of sec. 30, marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.

40.00 The true point for $\frac{1}{4}$ sec. cor. falls on stone ledge on bank of wash, course S.
 60.00 Head of wash, course S.
 66.00 Spur, slopes E. Desc. 65 ft.
 75.30 Wash, 10 lks. wide, 3 ft. deep, course N. 80° E. Asc. 30 ft.
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the

Survey of the
South Half of W. Bdy. of T. 11 N., R. 2 E.

BOOK 3322
15.

Chains.

ground, for cor. of secs. 19 and 30, marked on brass cap

T11N
R2E
S19
S30
1916

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

Land, mountainous.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw, scrub oak and cranberry.
No grass.

13.33
16.00
40.00

North on a true line, along W. bdy. of sec. 19.
Over rolling land, through scattering undergrowth.
Desc. 80 ft.
Wash, 10 lks. wide, 1 ft. deep, course S.60°E. Asc. 15 ft.
Desc. 30 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec. 19, marked on brass cap

¼
S19
1916

71.50
82.90
88.50
90.49

And raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.
Asc. 100 ft.
Spur, slopes N.70°W. Desc. 55 ft.
Wash, 5 lks. wide, 2 ft. deep, course N.60°E. Asc. 35 ft.
Spur, slopes E. Desc. 30 ft.
The reestablished cor. of secs. 18 and 19, hereinbefore described.
Land, rolling.
Soil, adobe, stony, 3rd rate.
No timber.
Undergrowth, cat claw.
Some poor grass.

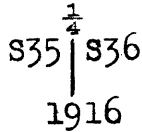
Boundaries of South Half of Township 11 North, Range 2 East.
Latitudes, departures and closing errors.

Line designated.	True bearing.	Dist. chs.	Latitudes.		Departures.	
			N. chs.	S. chs.	E. chs.	W. chs.
South Boundary	West.	480.52				480.52
West Boundary	North	250.49	250.49			
Subdivisional North Boundary	S.88°44'E.	478.45		10.58	478.34	
East Boundary	S. 0°39'E.	40.04		40.04	.45	
	S. 0°9'W.	39.78		39.78		.10
	S. 0°25'E.	39.87		39.87	.29	
	S. 0°28'E.	39.92		39.92	.33	
	S. 0°52'E.	40.09		40.09	.61	
	S. 0°22'E.	40.44		40.44	.26	
Convergency					.25	
Totals			250.49	250.72	480.53	480.62
				250.49		480.53
Error in latitude				.23		
Error in departure						.09

16. Completion of Subdivision of T. 11 N., R. 2 E.

Chains.

From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of Tp., which is an iron post, hereinbefore described, North on sectional guide meridian, bet. secs. 35 and 36. Over rolling land, through scattering undergrowth. Asc. gradually, 75 ft.
 16.85 Road, brs. N.30°E. and S.30°W.
 35.00 Desc.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

41.15 Wash, 20 lks. wide, 3 ft. deep, course S.10°E. Asc. 215 ft.

76.00 Ridge, brs. S.60°E. and NW. Desc. 35 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap



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

Land, rolling and rolling mountainous.

Soil, stony, 4th rate.

No timber.

Undergrowth, cat claw and scrub oak.

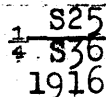
No grass.

East on a true line, bet. secs. 25 and 36. Over rolling land, through scattering undergrowth. Asc. 15 ft.

2.50 Desc. gradually, 150 ft.

28.56 Road, brs. N.40°E. and S.40°W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



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

43.38 Wash, 10 lks. wide, course N.15°E. Asc. 45 ft.

42.00 Spur, slopes N.10°E. Desc. 40 ft.

55.25 Wash, 10 lks. wide, 1 ft. deep, course N.5°E. Asc. 60 ft.

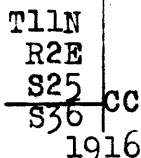
67.00 Spur, slopes N. Desc. 45 ft.

77.00 Wash, 5 lks. wide, 4 ft. deep, course N.10°W. Asc. 50 ft.

79.11 Intersect E. bdy. of Tp., 0.51 chs. S.0°52'E. of the re-established cor. of secs. 30 and 31, hereinbefore described.

At the point of intersection,

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 25 and 36, marked on brass cap



Completion of Subdivision of T. 11 N., R. 2 E. 117.

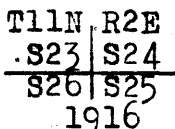
Chains.

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw and scrub oak.
No grass.

From cor. of secs. 25, 26, 35 and 36,
North on sectional guide meridian, bet. secs. 25 and 26.
Over rolling mountainous land, through scattering undergrowth.
Desc. 125 ft.
11.22 Wash, 20 lks. wide, 4 ft. deep, course N.70°E. Asc. 85 ft.
27.50 Spur, slopes E. Desc. 95 ft.
38.10 House of R. M. Brazle brs. N.21 1/4°E.
40.00 The true point for 1/4 sec. cor. falls where it cannot be established.
41.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
46.00 South bank of Big Bug Creek, brs. E. and W. Thence across Big Bug Creek, course E., containing muddy water, 70 lks. wide, 4 ins. deep.
46.95 North bank of Big Bug Creek, brs. E. and W.
48.50 Homestead brs. E. 3 chs. dist.
58.35 Road, brs. N.30°W. and S.30°E.
60.85 Enter cultivated field, brs. N.20°E. and S.20°W.
67.50 Leave field, brs. N.70°W. and S.70°E. Ditch, course S.70°E.
70.73 Ditch, course S.20°W.
71.60 Ditch, course E.
76.73 House of R. M. Brazle brs. S.88 1/2°E.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling and rolling mountainous.
Soil, stony, 4th rate; 1st rate in creek bottom.
No timber.
Undergrowth, cat claw and scrub oak.
No grass.

40.00 East on a random line, bet. secs. 24 and 25.
Set temp. 1/4 sec. cor.
78.52 Intersect E. bdy. of Tp., 31 lks. S. of the reestablished cor. of secs. 19, 24, 25 and 30, hereinbefore described.
Thence S.89°46'W., on a true line, bet. secs. 24 and 25.
Over rolling land, through scattering undergrowth.
11.70 Road, brs. N.40°W. and S.40°E.
31.00 Leave undergrowth, brs. N. and S.
38.52 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

Chains.

$$\begin{array}{r} \frac{1}{4} S24 \\ \frac{1}{4} S25 \\ 1916 \end{array}$$

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

- 51.50 Barb wire fence, brs. NW. and S. 30° E.
 67.60 Road, brs. S. 45° E. and N. 45° W.
 77.80 Road, brs. N. and S.
 78.52 The cor. of secs. 23, 24, 25 and 26.

Land, rolling.
 Soil, adobe and gravel, 3rd rate.
 No timber.
 Undergrowth, scrub oak and cranberry.
 No grass.

North on sectional guide meridian, bet. secs. 23 and 24.
 Over rolling land, through scattering undergrowth.
 Desc. 35 ft.

- 5.00 Thence over rolling land.
 23.45 Road, brs. N. 30° W. and S. 30° E.
 30.00 Fence cor.; fence brs. W. and SE.
 30.12 Road, brs. N. 80° E. and S. 80° W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S23 \quad | \quad S24 \\ 1916 \end{array}$$

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

- 46.40 Road, brs. N. 30° W. and S. 30° E.
 58.20 Wash, 5 lks. wide, $1\frac{1}{2}$ ft. deep, course S. 45° E. Asc.
 62.00 Road, brs. N. 75° W. and S. 75° E.
 62.00 Low spur, slopes S. 40° E. Desc.
 78.50 Wash, 5 lks. wide, $1\frac{1}{2}$ ft. deep, course E. Asc.
 81.78 Intersect S. bdy. of sec. 13, S. $88^{\circ}44'$ E., 1.81 chs. from the reestablished cor. of secs. 13 and 14, hereinbefore described.

At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 23 and 24, marked on brass cap

$$\begin{array}{c} T11N R2E \\ S13 \\ \hline S23 \quad | \quad S24 \\ C \quad | \quad C \\ 1916 \end{array}$$

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

Land, rolling.
 Soil, gravelly adobe, 3rd rate.
 No timber.
 Undergrowth, cat claw.
 Some poor grass.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of Tp., which is an iron post, hereinbefore described, N. $0^{\circ}1'$ W., bet. secs. 34 and 35.

- Over mountainous land, through scattering undergrowth.
 Asc. 70 ft.
 10.00 Desc. 30 ft.
 15.00 Asc. 55 ft.

Completion of Subdivision of T. 11 N., R. 2 E.

Chains.

22.00 Desc. 25 ft.
 25.00 Asc. 85 ft.
 38.50 Desc. 10 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S34 | S35
 1916

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Asc. 330 ft.
 44.95 Road, brs. N.45°W. and S.45°E.
 70.40 Spur, slopes S.15°E. Desc. 135 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap

T11N R2E
 S27 | S26
 S34 | S35
 1916

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, mountainous.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, cat claw and scrub oak.
 No grass.

40.00 East on a random line, bet. secs. 26 and 35.
 80.04 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect E. and W. lines, at the cor. of secs. 25, 26, 35 and 36.
 Thence
 West on a true line bet. secs. 26 and 35.
 Over rolling mountainous land, through scattering undergrowth.
 Asc. 50 ft.
 14.55 Ridge, brs. N.60°W. and S.60°E. Desc. 65 ft.
 27.35 Head of gulch, course N.40°E. Asc. 45 ft.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S26
 S35
 1916

And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 42.55 Ridge, brs. N.55°W. and S.55°E. Desc. 105 ft.
 64.65 Wash, 20 lks. wide, 2 ft. deep, course S. Asc. 115 ft.
 80.04 The cor. of secs. 26, 27, 34 and 35.
 Land, rolling mountainous.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, cat claw and scrub oak.
 No grass.

N.0°1'W., bet. secs. 26 and 27.
 Over mountainous land, through scattering undergrowth.
 Asc. 75 ft.
 Desc. 145 ft.
 27.00 Ridge, brs. E. and W. Descends 145 ft.

Chains.
38.30 Wash, 20 lks. wide, 2 ft. deep, course S.80°E. Asc. 40 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S27 | S26
1916

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

41.50 Low spur, slopes S.80°E. Desc. 25 ft.
45.50 Wash, 5 lks. wide, 1 ft. deep, course E. Asc. 125 ft.
55.00 Spur, slopes S.60°E. Desc. 30 ft.
75.00 Asc. 70 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, marked on brass cap

T11N R2E
S22 | S23
S27 | S26
1916

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

Land, mountainous.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw and scrub oak.
No grass.

40.00 East on a random line, bet. secs. 23 and 26.
80.09 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 7 lks. N. of the cor. of secs. 23, 24, 25 and 26.
Thence
N.89°57'W., on a true line, bet. secs. 23 and 26.
Over rolling land, thru scattering undergrowth.
4.70 Ditch, course S.10°E.
6.50 Fence, brs. N.10°W. and S.10°E. Thence across cultivated field.
10.90 Leave cultivated field. Fence brs. N.10°W. and S.10°E. Desc. 100 ft.
11.60 East bank of Big Bug Creek, brs. N. and S. Thence across Big Bug Creek, course S., containing muddy water, 40 lks. wide
12.05 West bank of Big Bug Creek, brs. N. and S. Enter mountainous land; Ascend 165 ft.
38.60 Spur, slopes S.70°E. and N.70°W. Desc. 55 ft.
40.04 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S23
S26
1916

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

50.80 Wash, course S.40°E. Ascend 140 ft.
80.09 The cor. of secs. 22, 23, 26 and 27.
Land, rolling and mountainous.
Soil, 4th rate; 1st rate in creek bottom.
No timber.
Undergrowth, cat claw and scrub oak.
No grass.

Completion of Subdivision of T. 11 N., R. 2 E. 21.

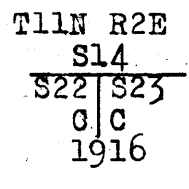
Chains.

N.0°1'W., bet. secs. 22 and 23.
 Over mountainous land, through scattering undergrowth.
 Desc. 125 ft.
 33.89 Wash, 5 lks wide, 2 ft. deep, course E. Asc.
 38.00 Spur, slopes N.60°E. Desc. 20 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



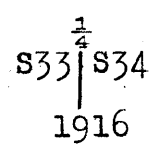
And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 41.15 Road, brs. E. and W.
 45.45 Wash, 5 lks wide, 3 ft. deep, course N.80°E. Asc. 80 ft.
 55.00 Spur, slopes E. Asc. 55 ft.
 62.80 Spur, slopes E. Desc. 155 ft.
 79.80 Wash, 20 lks wide, 3 ft. deep, course E. Asc.
 83.42 Intersect S. bdy. of sec. 14, 1.63 chs. S.88°44'E. of the
 reestablished cor. of secs. 14 and 15, hereinbefore
 described.

At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for closing cor. of secs. 22 and 23, marked on
 brass cap

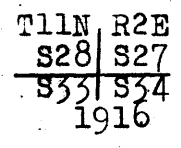


And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S.
 of cor.
 Land, mountainous.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, cat claw and scrub oak.
 No grass.

From the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of
 the Tp., hereinbefore described,
 N.0°1'W., bet. secs. 33 and 34.
 Over mountainous land, through scattering undergrowth.
 Asc. 245 ft.
 35.00 Spur, slopes S.50°W. Desc. 20 ft.
 39.12 Gulch, course W. Asc. 215 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor.
 52.50 Spur, slopes S.70°W. Desc. 190 ft.
 69.50 Gulch, course S.50°W. Asc. 120 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 27, 28, 33 and 34, marked on
 brass cap



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

Chains.

Land, mountainous.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw and scrub oak.
No grass.

40.00 East on a random line, bet. secs. 27 and 34.
Set temp. $\frac{1}{4}$ sec. cor.
79.97 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence
N. $89^{\circ}59'$ W., on a true line, bet. secs. 27 and 34.
Over mountainous land, through scattering undergrowth.
Asc. 170 ft.

6.89 Spur, slopes S. 20° E. Desc. 290 ft.
39.98 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S27
S34
1916

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

43.35 Road, brs. N. 40° W. and S. 40° E.
53.45 Head of wash, course S. 60° W. Asc. 15 ft.
56.95 Spur, slopes S. 60° W. Desc. 45 ft.
66.20 Gulch, course S. Asc. 20 ft.
70.95 Low spur, slopes S. Desc. 35 ft.
74.65 Wash, 10 lks. wide, 3 ft. deep, course S. Asc. 55 ft.
79.97 The cor. of secs. 27, 28, 33 and 34.

Land, mountainous.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw and scrub oak.
No grass.

N. $0^{\circ}1'$ W., bet. secs. 27 and 28.
Over mountainous land, through scattering undergrowth.
Asc. 295 ft.

21.94 Low spur, slopes S. 20° E. Road on spur, brs. N. 30° W. and S. 20° E. Desc.
25.00 Asc. 70 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S28 | S27
1916

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

41.00 Spur, slopes S. 20° E. Desc. 100 ft.
58.16 Head of gulch, course S. 30° E. Asc. 90 ft.
63.00 Ridge, brs. N. 60° W. and S. 60° E. Desc. 110 ft.
76.12 Wash, 10 lks. wide, 2 ft. deep, course N. 60° E. Asc. 15 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap

T11N R2E
S21 | S22
S28 | S27
1916

Completion of Subdivision of T. 11 N., R. 2 E.

23.

Chains.

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, mountainous.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, cat claw.
 No grass.

40.00 East on a random line, bet. secs. 22 and 27.
 Set temp. ¼ sec. cor.
 80.02 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence
 N.89°59'W., on a true line, bet. secs. 22 and 27.
 Over mountainous land, through scattering undergrowth, undergrowth.
 Asc. 110 ft.
 7.00 Spur, slopes S. Desc. 140 ft.
 30.00 Head of wash, course S.30°E. Asc. 35 ft.
 33.00 Spur, slopes N.60°E. Desc. 50 ft.
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

S22
 ¼ S27
 1916

43.90 And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Enter rolling land.
 Wash, 5 lks. wide, 1 ft. deep, course N. Asc. 60 ft.
 55.00 Spur, slopes N.10°E. Desc. 65 ft.
 71.95 Wash, 10 lks. wide, 2 ft. deep, course N.80°E. Asc. 35 ft.
 80.02 The cor. of secs. 21, 22, 27 and 28.
 Land, mountainous and rolling.
 Soil, stony, 4th rate.
 No timber.
 Undergrowth, cat claw and scrub oak.
 No grass.

40.00 N.0°1'W., bet. secs. 21 and 22.
 Over rolling land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼
 S21 | S22
 1916

43.50 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Road, brs. E. and W.; ridge, brs. N.10°E. and S.10°W. Desc. gradually.
 60.00 Head of wash, course S.30°W. Asc. 65 ft.
 79.57 Road, brs. E. and W.
 85.21 Intersect S. bdy. of sec. 15, 1.56 chs. S.88°44'E. of the reestablished cor. of secs. 15 and 16, hereinbefore described.
 At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 21 and 22, marked on brass cap

24. Completion of Subdivision of T. 11 N., R. 2 W.

Chains.

T11N R2E
S15
S21 | S22
C | C
1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.
Land, rolling.
Soil, stony, 4th r ate.
No timber.
Undergrowth, scrub oak and cat claw.
No grass.

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is an iron post, hereinbefore described N.0°2'W., bet. secs. 32 and 33.

Over rolling mountainous land, through scattering undergrowth.

Asc. 115 ft.

8.50 Ridge, brs. N.30°W. and S.30°E. Desc.

11.50 Head of gulch, course S.35°E. Asc.

14.20 Spur, slopes E. Desc. 110 ft.

36.30 Trail, brs. N.30°W. and S.30°E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼
S32 | S33
1916

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

40.27 Wash, 5 lks. wide, 2 ft. deep, course S.30°E. Asc. 115 ft.

62.50 Enter scattering timber, brs. E. and W. Spur, slopes S. 50°E. Desc. 95 ft.

75.00 Leave timber, brs. E. and W.

76.00 Wash, 20 lks. wide, 3 ft. deep, course S.70°E. Asc.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap

T11N R2E
S29 | S28
S32 | S33
1916

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

Land, rolling mountainous.

Soil, rocky, 4th rate.

No grass.

Timber, scattering cedar.

Undergrowth, cat claw and scrub oak.

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

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence

S.89°59'W., on a true line, bet. secs. 28 and 33.

Over mountainous land, through scattering undergrowth.

Asc. 60 ft.

4.95 Spur, slopes S. Desc. 205 ft.

29.95 Asc. 25 ft.

34.95 Desc. 35 ft.

Completion of Subdivision of T. 11 N., R. 2 W. 25.

Chains.

38.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to 1/4 sec. cor., marked on brass cap

1/4 WC S28
S33
1916

And raise a mound of stone 2 ft. base, 1 1/2 ft. high, N. of cor.

39.98 The true point for 1/4 sec. cor. falls in Antelope Creek, 60 lks. wide, 3 ft. deep, containing clear water, 5 lks. wide, 1 in. deep, course S.20°E. Asc. 100 ft.

46.05 Fence, brs. N10°E. and S.10°W.
46.95 Fence, brs. N.50°W. and S.50°E.
53.95 Low spur, slopes S.45°E. Desc.
79.96 The cor. of secs. 28, 29, 32 and 33.

Land, mountainous.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw, mesquite and scrub oak.
No grass..

N.0°2'W., bet. secs. 28 and 29.
Over rolling land, through scattering undergrowth.
Asc. 70 ft.

11.88 Spur, slopes S.50°E. Desc. 85 ft.

16.38 Fence, brs. S.40°E. and N.40°W.

23.20 Intersect S. Bdy. of H. E. No. 40, C. H. Cordes, 22.24 chs. S.71°21'E. from cor. No. 12 (SW. cor.) thereof.

At the point of intersection,
Set a malpais stone, 24 X 16 X 8 ins., 18 ins. in the ground, for closing cor. of secs. 28 and 29 upon H. E. S. No. 40, marked CC on S. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.

31.90 Antelope Creek, clear water 5 lks. wide, 1 in. deep, course S.60°E. Asc. 45 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

1/4 S29 | S28
1916

And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor:

40.89 Fence, brs. N.60°W. and S.60°E.

41.05 Road, brs. N.60°W. and S.60°E.

42.25 Fence, brs. E. and W.

57.25 Fence, brs. E. and W.

60.02 Intersect N. Bdy. of H. E. S. No. 40, 11.38 chs. S.71°22'E. from cor. No. 4. (NW. cor.) thereof.

At the point of intersection, set a granite stone, 19 X 13 X 11 ins., 15 ins. in the ground, for closing cor. of secs. 28 and 29 upon H. E. S. No. 40, marked CC on N. face; dig pits, 24 X 18 X 12, crosswise on each line, east and west, 3 ft., and south of stone, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, N. of cor.

68.95 Wash, 10 lks. wide, 3 ft. deep, course S.35°E. Asc. 30 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap

T11N R2E
S20 | S21
S29 | S28
1916

Chains.

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling.
Soil, 3rd rate, stony adobe.
No timber.
Undergrowth, cat claw.

40.00 East on a random line, bet. secs. 21, and 28.
Set temp. ¼ sec. cor.
79.98 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 21, 22, 27 and 28.
Thence
S. 89° 59' W., on a true line, bet. secs. 21 and 28.
Over mountainous land, through scattering undergrowth.
Asc. 40 ft.
13.85 Ridge, brs. N. and S. Desc. 220 ft.
33.10 Wash, 10 lks. wide, 1½ ft. deep, course S. Asc. 135 ft.
39.99 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec; cor., marked on brass cap

S21
¼ S28
1916

42.00 And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Spur, slopes S. Desc. 260 ft.
69.20 Wash, 20 lks. wide, 2 ft. deep, course S. Asc. 40 ft.
79.98 The cor. of secs. 20, 21, 28 and 29...
Land, mountainous.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw and cactus.
No grass.

3.10 N. 0° 2' W., bet. secs. 20 and 21.
Over rolling land, through scattering undergrowth.
Road, brs. N. 50° E. and S. 50° W.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

¼
S20 S21
1916

52.55 And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Road, brs. N. 45° E. and S. 45° W.
74.50 Wash, 10 lks. wide, 1½ ft. deep, course S. 15° E. from N. 25 ft. along W. side of wash.
86.96 Intersect S. bdy. of sec. 16, 1.54 chs. S. 88° 44' E. of the reestablished cor. of secs. 16 and 17, hereinbefore described.
At the point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 20 and 21, marked on brass cap

T11N R2E
S16
S20 S21
C C
1916

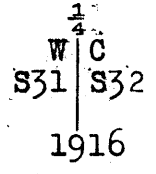
And raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Completion of Subdivision of T. 11 N., R. 2 E. 27.

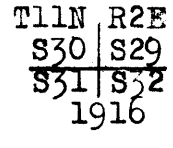
Chains.

Land, rolling.
Soil, adobe and gravel, 3rd rate.
No timber.
Undergrowth, mesquite and cat claw.
Some grass.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the the Tp., which is an iron post, hereinbefore described, N.0°2'W., bet. secs. 31 and 32.
Over mountainous land, through scattering undergrowth.
Desc. 10 ft.
1.94 Gulch, course S.80°W. Asc. 135 ft.
10.23 Road, brs. E. and W.; on spur, slopes S.10°W. Continue ascent.
33.00 Spur, slopes S.60°W. Desc. 30 ft.
35.50 Telephone line, brs. S.70°W. and N.70°E.
39.40 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap

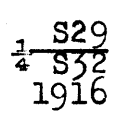


And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
40.00 The true point for $\frac{1}{4}$ sec. cor. falls in bottom of gulch, course S.40°W. Asc. 130 ft.
50.25 Spur, slopes S.50°W. Desc. 45 ft.
66.00 Head of gulch, course W. Asc. 260 ft.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap



And raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, cat claw.
Some grass.

East on a random line, bet. secs. 29 and 32.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect N. and S. line, 7 lks. N. of the cor. of secs. 28, 29, 32 and 33.
Thence
N.89°57'W., on a true line, bet. secs. 29 and 32.
Over rolling land, through scattering undergrowth.
5.35 Wash, 20 lks. wide, 2 ft. deep, course S.70°E.
9.60 Trail, brs. N. and S.
19.65 Wash, 5 lks. wide, 1 ft. deep, course N.70°E.
20.05 Telephone line, brs. N.10°E. and S.10°W.
28.90 Road, brs. N.40°E. and S.40°W.
39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



Chains.

- And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 Asc. gradually, 65 ft.
 72.95 Ridge, brs. N. and S. Desc. 155 ft.
 79.96 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling.
 Soil, stony, adobe soil, 3rd rate.
 No timber.
 Undergrowth, cat claw.
 No grass.
-
- West on a random line, bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.50 Intersect W. bdy. of Tp., 5 lks. N. of the cor. of secs. 30 and 31, hereinbefore described.
 Thence
 N. $89^{\circ}58'$ E., on a true line, bet. secs. 30 and 31.
 Over rolling land, through scattering undergrowth.
 5.50 Gulch, course S. 20° E.
 25.50 Gulch, course S.
 40.15 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap
- $\frac{1}{4}$ S30 WC
 $\frac{1}{4}$ S31
 1916
- And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 40.50 The true point for $\frac{1}{4}$ sec. cor. falls in wash, 30 lks. wide, 2 ft. deep, course S. 20° W. Asc. 75 ft.
 56.17 Low spur, slopes S. 30° W. Desc.
 58.94 Gulch, 10 lks. wide, 4 ins. deep, course S. 35° W. Asc. 370 ft.
 80.50 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, cat claw, scrub oak and mountain cranberry.
 No grass.
-
- N. $0^{\circ}2'$ W., bet. secs. 29 and 30.
 Over rolling land, through scattering undergrowth.
 Asc. 160 ft.
 12.00 Ridge, brs. N. 50° W. and S. 50° E. Desc.
 30.00 Asc. 30 ft.
 35.00 Spur, slopes E. Desc. 25 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
- $\frac{1}{4}$
 S30 | S29
 1916
- And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 51.00 Head of wash, course E. Asc. 50 ft.
 66.00 Spur, slopes S. 55° E. Desc. 55 ft.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

Completion of Subdivision of T. 11 N., R. 2 E. 29.

Chains.

T11N R2E
 $\frac{1}{4}$ S19 | S20
 $\frac{1}{4}$ S30 | S29
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Land, rolling.
 Soil, adobe, 3rd rate.
 No timber.
 Undergrowth, cat claw and cactus.
 No grass.

40.00 East on a random line, bet. secs. 20 and 29.
 79.89 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 11 lks. N. of the cor. of secs. 20, 21, 28 and 29.
 Thence
 N. 89° 55' W., on a true line, bet. secs. 20 and 29.
 Over rolling land, through scattering undergrowth.
 2.80 Wash, course S. 30° E.
 14.50 Road, brs. N. and S.
 21.00 Antelope Creek, 40 lks. wide, 2 ft. deep, course S. Asc. 145 ft.
 39.94½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

$\frac{1}{4}$ S20
 $\frac{1}{4}$ S29
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 43.90 Spur, slopes S. 50° E. Desc. 85 ft.
 64.90 Wash, course S. 50° E. Comes from S. 50° W.
 76.85 Same wash, 10 lks. wide, 2 ft. deep, course S. 20° E. Asc. 40 ft.
 79.89 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, stony adobe, 3rd rate.
 No timber.
 Undergrowth, cat claw and cactus.
 Poor grass.

40.00 West on a random line, bet. secs. 19 and 30.
 80.40 Set temp. ¼ sec. cor.
 Intersect W. bdy. of Tp., at the cor. of secs. 19 and 30, hereinbefore described.
 Thence
 East on a true line, bet. secs. 19 and 30.
 Over rolling land, through scattering undergrowth.
 Desc. 20 ft.
 -8.75 Wash, 5 lks. wide, 1 ft. deep, course N. 60° E. Asc. 40 ft.
 22.90 Spur, slopes N. 25° E. Desc. 210 ft.
 35.40 Asc.
 40.40 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

$\frac{1}{4}$ S19
 $\frac{1}{4}$ S30
 1916

And raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 43.80 Cliff, 18 ft. high, at head of gulch, course S. 15° W. Asc.
 60.40 Ridge, brs. N. and S. Desc.
 72.05 Wash, 5 lks. wide, 1 ft. deep, course N. 20° W. Asc. 25 ft.
 76.40 Spur, slopes N. Desc. 25 ft.

Chains.
80.40 The cor. of secs. 19, 20, 29 and 30.
Land, rolling.
Soil, stony adobe, 3rd rate.
No timber.
Undergrowth, cat claw and cactus.
Some poor grass.

N.0°2'W., bet. secs. 19 and 20.
Over rolling land, through scattering undergrowth.
Desc.
10.38 Wash, 10 lks. wide, 2 ft. deep, course S.20°E. Asc. 160 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



And raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
42.00 Spur, slopes S.50°E. Desc. 75 ft.
61.54 Wash, 5 lks. wide, 2 ft. deep, course S.60°E. Asc. 35 ft.
80.00 Spur, slopes E. Desc.
83.66 Intersect S. bdy. of sec. 17, 1.66 chs. S.88°44'E. of the reestablished cor. of secs. 17 and 18, hereinbefore described.
At the point of intersection,
Set a malpais stone, 13 X 11 X 4 ins., 9 ins. in the ground, for closing cor. of secs. 19 and 20, marked CC on S. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor.
Land, rolling.
Soil, stony, 4th rate.
No timber.
Undergrowth, cat claw and cactus.
Some poor grass.

GENERAL DESCRIPTION

The land surveyed in this township is mountainous in the south two tiers of sections, and a rolling mesa in the north tier. The formation in the southern portion is granite with outcroppings of granite, there being practically no soil, except in secs. 29 and 30, where the soil is adobe, covered with malpais stone. The soil in the northern part is 3rd rate adobe, and malpais stone. There is some agricultural land along the bottom of Big Bug Creek in secs. 23, 25 and 26, the soil here being a rich sandy loam, from eighteen inches to two feet deep. It is capable of producing good crops with irrigation. There is some coarse grass in the third tier of sections but it is not nutritious. Cottonwood, ash and walnut timber is found along Big Bug Creek and the small creek in secs. 28, 29, and 33. Cat-claw, mesquite and scrub oak grow everywhere in the township, and scrub cedar is found in secs. 19 and 30. Copper indications were found in secs. 22 and 31, and the mineral claims, Lookout and Copper Age are located in sec. 31. Big Bug Creek flows through secs. 23, 25 and 26, and Antelope creek flows through secs. 28, 29 and 33. Both are dry during the summer months. The H. E. S. No. 40 of Chas. H. Cordes is located in secs. 28 and 29, and Wm. Cliff and R. M. Brazle are settlers in sec. 25.

4-680

FIELD ASSISTANTS. to

William H. Richards, Jr., U. S. S.

NAMES.	CAPACITY.
Marvin J. Lytle,	Chainman,
Charles L. Moore,	Chainman,
Clayton E. Ryckman,	Flagman,
Ben Swangsen,	Moundman,

~ DATE - DIAGRAM ~

RESURVEY	2-4-16	6	5	4	3	2	1	
	2-4-16	7	8	9	10	11	12	
	2-4-16	18	17	T.IIN. - R.2E.		14	13	
	RESURVEYED							
	2-8-16	2-8-16	2-8-16	2-9-16	2-9-16	2-9-16		
	2-4-16	2-8-16	2-2-16	2-2-16	2-9-16	2-9-16	1-24-16	
	2-7-16	2-7-16	2-2-16	2-1-16	1-31-16	1-31-16		
2-4-16	2-7-16	2-7-16	2-2-16	2-1-16	1-31-16	1-30-16		
	2-7-16	2-7-16	2-2-16	2-1-16	1-31-16	1-30-16		
2-6-16	2-7-16	2-2-16	2-1-16	1-31-16	1-30-16	1-24-16		
	2-7-16	2-2-16	2-1-16	1-31-16	1-30-16	1-24-16	RESURVEY	
2-5-16	2-5-16	1-29-16	1-29-16	1-29-16	1-29-16			

Surveys executed by William H. Richards Jr., U.S.S. on dates shown above.

CERTIFICATE OF UNITED STATES SURVEYOR.

Applies to Books UA, UB, UC, and UD. of Group No. 61.

I, William H. Richards, Jr., U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 61, Arizona,

bearing date of the 4th day of October, 1915, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-

tions, and the laws of the United States, ~~retrace~~ all those parts or portions of 3rd Std. Par. N. in R. 5E., the 4th Std. Par. N. in R. 4E., ~~the East bdy. of T. 11N. R. 2E., the West bdrs. of Frac'l Tps. 16N. Rs. 4 and 5E., and the Subdivision lines of T. 13N. R. 5E. and Frac'l T. 16N. R. 4E.~~

Resurveyed all those parts or portions of the W. and E. bdrs. of T. 11N. R. 2E., the E. & N. bdrs. of T. 13N. R. 5E., the E. bdy. of T. 13N. R. 6E., the W. & S. bdrs. of Frac'l T. 16N. R. 4E., the W. bdy. of Frac'l T. 16N. R. 5E., the bdrs. of the Ft. Verde Garden Reservation, the bdrs. of the Camp Verde Military Reservation, the 3rd Std. Par. N. in Rs. 5 & 6E., the 4th Std. Par. N. in R. 5E., and the subdivision lines of T. 11N. R. 2E., T. 13N. R. 5E., and Frac'l T. 16N. R. 4E.

Surveyed all those parts or portions of S. & W. bdrs. of T. 11N. R. 2E., N. bdy. of T. 13N. R. 4E., E. N. and W. bdrs. of T. 13N. R. 5E., N. bdy. of T. 13N. R. 6E., and subdivision lines of ~~T. 11N. R. 2E., Tps. 13N. Rs. 4, 5 & 6E., and Frac'l T. 16N. R. 4E.~~

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in

and in those in books "B," "C," and "D" of Group 61, Arizona the foregoing field notes/as having been executed by me, and under my direction; and that all the corners of

~~said~~ retracement, resurvey and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the U. S. Surveyor General, for Group 61, Arizona,

and in the specific manner described in the field notes, and that the foregoing ^{and notes in books "B," "C" and "D"} are the original field notes of such ~~retracement, resurvey and survey.~~

September 5, 1918.

William H. Richards Jr.
U. S. Surveyor.

Clifton Sta., Va

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, *May 14*, 1920.

The foregoing field notes of the ~~survey of Retracement of part of the S. bdy., and Retracement of Part of the East bdy.,~~ Resurvey of the N. half of the West bdy., Part of the Subdivision lines, and ~~South half of the East bdy.,~~ and Survey of South bdy. and south half of West bdy., and completion of Subdivision lines of

TOWNSHIP 11 NORTH, RANGE 2 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by William H. Richards, Jr., U. S. Surveyor,

under ~~his~~ special instructions dated Oct. 14, 1915, for Group 61, Arizona, ~~and~~ having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ~~retracement, resurveys and surveys~~ they describe, are hereby approved.

Frank P. Brett
U. S. Surveyor General.

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