

BOOK 3871

FIELD NOTES

OF THE RESURVEY OF

The West Boundary and

Part of the South Boundary of

Township 6 South, Range 20 East

AND OF THE SURVEY OF

the 1st Standard Parallel South thru Range 20 East,

Part (completion) of the South Boundary

All of the East Boundary and

All of the Subdivision Lines of

Township 6 South, Range 20 East,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

William E. Hiester, U. S. Surveyor,

and

Charles E. Hunter, U. S. Transitman

In the capacity of U. S. Surveyor, under Special Instructions dated June 23, 1926, issued by the District Cadastral Engineer to govern surveys included in Group No. 141 Arizona, which were approved by the Commissioner of the General Land Office, July 13, 1926, and Assignment Instructions dated Jan. 3, 1928.

Resurvey and Survey commenced January 20, 1928.

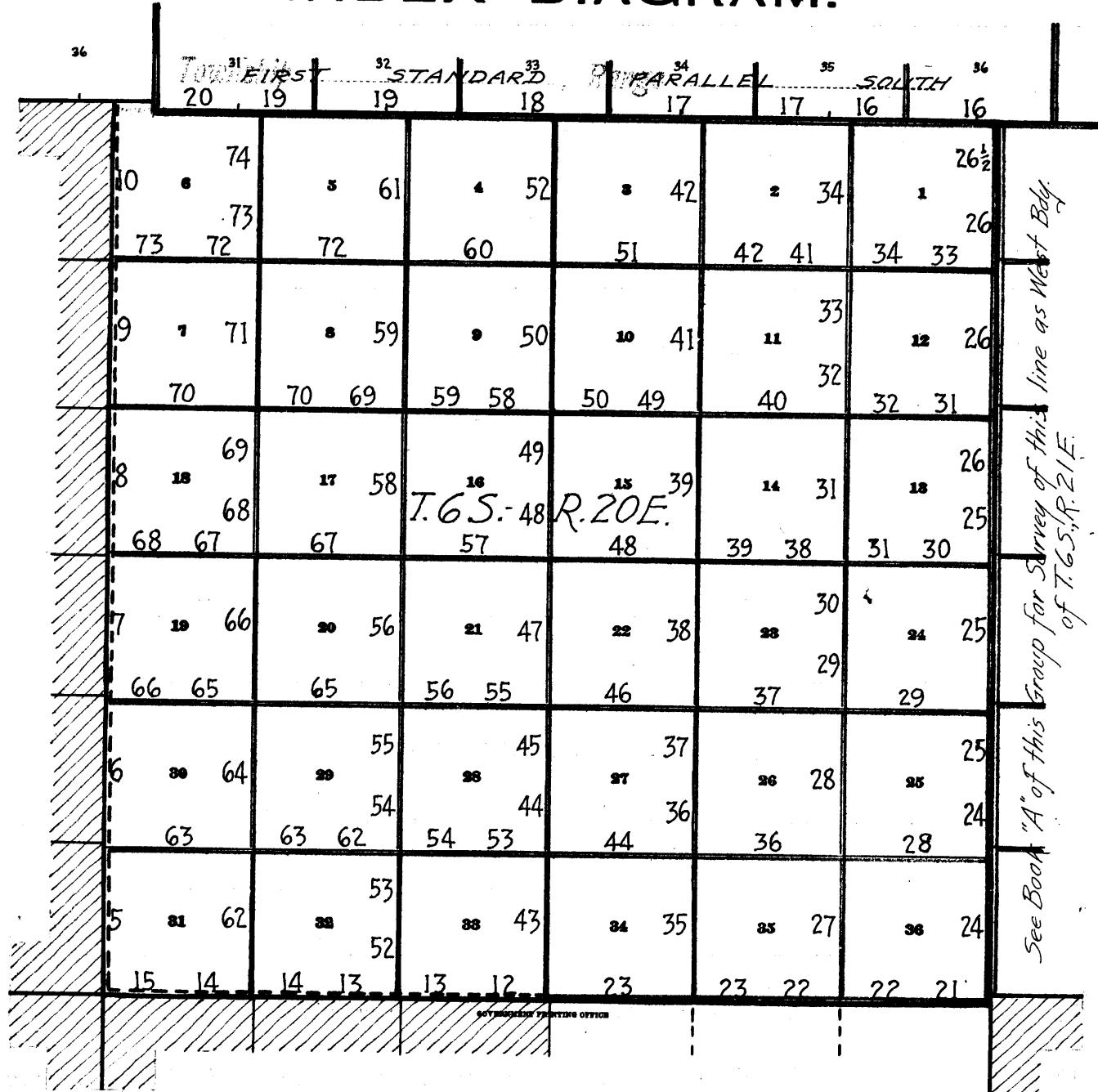
Resurvey and Survey completed April 19, 1928.

Book "B"

Group 141 - Arizona,

BOOK 3871

INDEX DIAGRAM.



— Surveyed under this group.

— Resurveyed under this group

— Accepted surveys, retracements or resurveys.

— Unsurveyed.

Hatched area — Areas surveyed as per accepted plats on file.

-OK 887

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Book "B"

Group 141 Arizona

Township 6 South, Range 20 East

DATE DIAGRAM.

1928.

See Book "A" for dates of survey of this line as W. bdy. T.65.R.21E.

Surveyed by Wm. H. Hiester, U. S. Surveyor on dates shown thereon.

Resurveyed by Wm. E. Hiester, U. S. S. on dates shown thereon.

Surveyed by Charles E. Hunter, U. S. Transitman on dates shown thereon.

Accepted lines.

Resurveys and Surveys herein described were executed on dates shown on diagram on page 1 hereof, by William E. Hiester U.S. Surveyor, using Buff and Buff solar transit No. 19423, and Charles E. Hunter, U.S. Transitman, using Young & Sons transit No. 8478, both instruments equipped with full vertical circles and the Smith solar attachment. The horizontal limbs are provided with two double verniers placed opposite to each other reading to $30''$ of arc. The verniers of the vertical circles and of the solar attachments read to $1'$ of arc.

Unless otherwise specified all measurements are made with Lufkin steel tapes 5 chains long, compared with a Lufkin Standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined with transit or clinometer, and the slope measurements properly reduced to true horizontal distances. Unless otherwise specified, all azimuth determinations were accomplished with the solar attachment.

PRELIMINARY FIELD TEST

of

Buff Transit No. 19423

by

William E. Hiester U.S. Surveyor.

January 17, 1928: at camp near the center of sec. 29 T. 6 S., R. 20 E., G and S.R. Base and Meridian, Arizona. latitude $32^{\circ}19\frac{1}{2}'$ N. and longitude $110^{\circ}19'W.$, examine the adjustments of the instrument and find no errors: then to test the solar apparatus proceed as follows:

At 11h 47m p.m., l.m.t., observe Polaris at western elongation, making four observations two each with the telescope in direct and reversed positions and marking the mean point in the line thus determined by a tack in a peg, driven firmly in the ground 5 chs. N.

Azimuth of Polaris at western elongation is $1^{\circ}16'58''$

January 18, 1928: At 7 h.30 m., a.m., lay off the azimuth of Polaris $1^{\circ}17'$

to the east and mark the meridian thus determined by nail driven in a peg 5 chs N.

At 8h 00m. a.m. app.t., set off $32^{\circ}53'$ N. on the lat. arc; $20^{\circ}39\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar, which agrees within $1'$ of the true meridian.

At apparent noon, with the lat. arc unchanged, observe the sun on the meridian, the resulting of the decl. arc, is $20^{\circ}39'$ S., which agrees with the computed decl. of the sun.

At 4h 00m. p.m. app.t., with the lat. arc, unchanged, set off $20^{\circ}35\frac{1}{2}'$ S., on the decl. arc; and determine a meridian with the solar, which agrees within $1'$ of the true meridian.

As all of the solar observations taken during the usual hours of solar work come within $1'$ of the true meridian conclude that the adjustment of the instrument is satisfactory.

The instrument was maintained in adjustment throughout the survey.

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PRELIMINARY FIELD TEST
of
YOUNG & SON'S TRANSIT No. 8478
by
Charles E. Hunter, U.S. Transitman.

February 12, 1928, at camp, on the meridian hereinbefore described, near the center of sec. 29, T. 6 S., R. 20 E., G. & S.R. Base and Meridian, Arizona, lat. $32^{\circ}53'N.$, long. $110^{\circ}19\frac{1}{2}'W.$, examine the adjustments of the instrument and find no errors.

At 8h.00m., a.m., app.t., set off $32^{\circ}53'N.$ on the lat.arc, $13^{\circ}55'S.$ on the decl.arc; and determine a meridian with the solar, which agrees within 1' with the true meridian.

At app. noon, with the lat.arc unchanged, observe the sun on the meridian and obtain a reading on the decl.arc of $13^{\circ}53'S.$, which agrees with the computed decl. of the sun.

At 4h.00m., p.m., app.t., with the lat.arc unchanged, set off $13^{\circ}48\frac{1}{2}'S.$ on the decl.arc, and determine a meridian with the solar, which agrees within 1' with the true meridian.

As all of the solar observations taken during the usual hours of solar work come within 1' of the true meridian conclude that the adjustment of the instrument is satisfactory.

4 Resurvey of West Boundary of Township 6 South, Range 20 East

chains	<p>The south 4 miles of the W. bdy. of T.6 S., R.20 E. were surveyed in 1877 by T.F.White, U.S.D.S., establishing all sec. and $\frac{1}{4}$ sec. cors. thereon with common reference to areas both sides of the line.</p> <p>The north 2 miles of the line were surveyed in 1924 by G.F.Sawyer, U.S.S., establishing all sec. and $\frac{1}{4}$ sec. cors. thereon with common reference to areas both sides of line.</p> <p>No retracement or resurvey of any part of this tp.bdy. is of record.</p> <p>The following notes describe a resurvey of the entire line, reestablishing, with reference to areas W. of line only, missing cor. monuments thereon by proportional measurement; altering the existing cors. to refer to areas W. of line only; reconstructing, with same altered reference the defective original cors.; and reestablishing all $\frac{1}{4}$ sec. cors. referring to quarters of W. range of secs. of T.6 S., R.20 E. at midpoints bet. closing cors. of said secs., with the exception of the $\frac{1}{4}$ sec. cors. of secs. 6 and 31. The $\frac{1}{4}$ sec. cor. of sec. 6 is reestablished at 40.00 chs. in northing from C.C. of secs. 6 and 7, and the $\frac{1}{4}$ sec. cor. of sec. 31 is reestablished at 40.00 chs. in southing from the C.C. of secs. 30 and 31.</p> <p>-----</p> <p style="text-align: center;">Retracement for Resurvey.</p> <p>-----</p>
40.01	<p>From cor. of Ts. 6 and 7 S., Rs. 19 and 20 E., North, on random line, on E. bdy. sec. 36 (S.$\frac{1}{2}$) Fall 34 lks. W. of $\frac{1}{4}$ sec. cor. secs. 31 & 36. True course & dist. of S.$\frac{1}{2}$ of E.bdy.of sec.36 are therefore, N.0°29'E., 40.01 chs.</p> <p>Thence,</p> <p>North, on random line, on E.bdy. sec.36 (N.$\frac{1}{2}$) Fall 21 lks. E. of cor. of secs. 25, 30, 31 and 36. True course & dist. of N.$\frac{1}{2}$ of E.bdy.of sec. 36 are therefore, N.0°18'W., 40.12 chs.</p> <p>-----</p>
39.61	<p>North, on random line, on E.bdy.of sec. 25. (S.$\frac{1}{2}$) Fall 35 lks. E. of point of original location of $\frac{1}{4}$ sec. cor.of secs. 25 & 30, determined from bearing tree. True course & dist. of S.$\frac{1}{2}$ of E.bdy.of sec.25 are therefore, N.0°30'W., 39.61 chs.</p> <p>Thence,</p> <p>North, on random line, on E. bdy. sec.25 (N.$\frac{1}{2}$) Fall 2 lks. W. of cor.of secs.19, 24, 25 & 30. True course & dist. of N.$\frac{1}{2}$ of E.bdy.of sec.25 are therefore, N.0° 2'E., 40.17 chs.</p> <p>-----</p>
40.00	<p>North, on random line, on E. bdy. sec.24. Find no trace of $\frac{1}{4}$ sec.cor.of secs.19 & 24. Set temp.$\frac{1}{4}$ sec.cor.of sec.24 and continue line and measurement.</p> <p>-----</p>
78.20	<p>Fall 238 lks. E. of point of original location of cor. of secs.13,18,19 & 24, determined from bearing trees. True course & dist.of E. bdy.of sec.24 are therefore, N.1°45'W., 78.22 chs.</p> <p>-----</p>
40.00	<p>North, on random line, on E. bdy. sec.13. Find no trace of $\frac{1}{4}$ sec.cor.of secs.13 & 18. Set temp.$\frac{1}{4}$ sec.cor.of sec.13 and continue line and measurement.</p> <p>-----</p>
80.33	<p>Fall 171 lks. W. of cor. of secs.7,12,13 and 18. True course & dist.of E. bdy.of sec.13 are therefore, N.1°13'E., 80.35 chs.</p> <p>-----</p>
40.00	<p>North, on random line, on E.bdy. sec.12 (S.$\frac{1}{2}$). Intersect $\frac{1}{4}$ sec.cor.of secs.7 and 12. True course & dist.of S.$\frac{1}{2}$ of E.bdy.sec.12 are therefore, North, 40.00 chs.</p> <p>Thence,</p> <p>North, on random line, on E.bdy. sec.12 (N.$\frac{1}{2}$) Intersect cor.of secs.1,6,7 and 12. True course & dist.of N.$\frac{1}{2}$ of E.bdy.sec.12 are</p>

Resurvey of West Boundary of Township 6 South, Range 20 East

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chains	therefore, North, 40.00 chs.
40.00	North, on random line, on E.bdy. sec.1. (S. $\frac{1}{2}$) Intersect $\frac{1}{4}$ sec.cor. of secs.1 and 6. True course & dist.of S. $\frac{1}{2}$ of E.bdy.of sec.1 are therefore, North, 40.00 chs.
36.10	Thence, North, on random line, on E.bdy. sec.1 (N. $\frac{1}{2}$) Intersect closing cor.of Ts.6 S., Rs.19 & 20 E., on the 1st Std.Par.S. True course & dist.of N. $\frac{1}{2}$ of E.bdy.of sec.1 are therefore, North, 36.10 chs.
	----- RESURVEY.
3.30	The cor.of Ts.6 & 7 S., Rs.19 & 20 E., reconstructed in original position in 1913 by J.F.Hesse,U.S.S., is a 3 in. iron post, set in center of road, bearing W. and SE., buried 4 ins. below surface, properly mkd.on brass cap, and witnessed by two properly mkd.catclaw bearing trees, one each NE. and SW. of cor., and stumps of two of the orig- inal bearing trees, unmarked, one each, SE. & NW.of cor.
6.50	Thence, N.0°29'E., on true line, on W.bdy. sec.31.
28.25	Over rolling land, thru scattering undergrowth.
34.15	Fence, bears NE. and SW.
38.80	Wash, 10 lks.wide, course W. Wash, 6 lks.wide, course SW. Wash, 10 lks.wide, course SW. (40 chs.in southing from C.C. secs.30 & 31) Set an iron post, 3 ft.long, 1 in.in diam., 30 ins.in ground, for $\frac{1}{4}$ sec.cor. sec.31 only, marked on brass cap,
40.01	----- $\frac{1}{4}$ S31 1928 No bearing trees available. Raise a mound of stone, 2 $\frac{1}{2}$ ft.base, 2 ft.high, E.of cor. Intersect original $\frac{1}{4}$ sec.cor. secs.31 & 36, which is an oak post, 2 ins.square, mkd. $\frac{1}{4}$ XXXI projecting 10 ins. above ground, firmly set in ground and mound of stone, and witnessed by stump of original mesquite bearing tree 10 ins.diam., S.42°E., 208 lks.dist., unmarked. Reconstruct this cor.monument and alter its reference as follows: remove the mound of stone, and alongside the old post, set an iron post, 3 ft.long, 1 in.diam., 28 ins.in ground, for $\frac{1}{4}$ sec.cor.sec.36 only, marked on brass cap,
44.51	----- $\frac{1}{4}$ S36 1928 from which, a mesquite, 6 ins.diam., brs.N.81 $\frac{1}{2}$ °W., 75 lks.dist., marked $\frac{1}{4}$ S36 BT. No other bearing tree available. Raise a mound of stone, 2 $\frac{1}{2}$ ft.base, 2 ft.high, W.of cor.
54.51	Thence, N.0°18'W., on true line, continuing meastrrement of W.bdy. of sec.31.
56.40	Wash, 20 lks.wide, course SW.
61.47	Ascend 84 ft.over SE. slope.
65.17	Spur, slopes SW. Desc. 86 ft.over NW. slope.
72.25	Enter dense undergrowth.
78.80	Wash, 15 lks.wide, course W. Wash, 30 lks.wide, course W. Intersect Sectional Correction Line surveyed due West betsecs.30 and 31. Closing cor.of secs.30 & 31 established at this point as hereinafter described. Land, rolling. Soil, gravelly, 3rd rate. Timber, none. Undergrowth, scrub catclaw, mesquite and locust.

6 Resurvey of West Boundary of Township 6 South, Range 20 East

	chains	From C.C. of secs. 30 & 31, hereinafter described, N.0°18'W., on true line, on W.bdy. sec. 30. Over rolling land, thru dense undergrowth.
1.33		Ascend gradually over S. slope to Intersect original cor. secs. 25, 30, 31 & 36, which is a granite stone, 15x15x12 ins. above ground, mkd. with 1 notch on S. face, badly broken on N. face making marks illegible, firmly set, and witnessed by a mesquite, 10 ins. diam., S.22°E., 201 lks. dist., marked TVIS RXXE SXXXI BT and a mesquite stump, 6 ins. diam., S.62 $\frac{1}{2}$ °W., 127 lks. dist., unmarked. Reconstruct this cor. monument and alter its reference as follows: remove the old stone, and in same place, set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in ground, deposit a stone marked with a cross(X) at base of post, for cor. of secs. 25 & 36 only, marked on brass cap,
		T6S T6S S25 ----- R20E S36 R19E S30
		1928
		from which, a catclaw, 10 ins. diam., brs. S.9 $\frac{1}{2}$ °W., 133 lks. dist., marked T6S R19E S36 BT. No other bearing tree available. Change marking on old SE. tree to read BT only.
		Thence, N.0°30'W., on true line, continuing measurement of W.bdy. of sec. 30 Ascend 85 ft. over S. slope.
7.23		Spur, slopes W. Descend 14 ft. over NW. slope.
12.02		Wash, 20 lks. wide, course SW. Enter level land.
17.33		Leave level land. Asc. 58 ft. over SW. slope to $\frac{1}{4}$ sec.cor. of sec. 30.
23.82		Wash, 10 lks. wide, course SW.
40.04		(Midpoint W.bdy. sec. 30) Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in ground, for $\frac{1}{4}$ sec.cor. sec. 30 only, marked on brass cap,
		$\frac{1}{4}$ S30
		1928
		No bearing trees available. Raise a mound of stone, 4 ft. base, 3 ft. high, E. of cor. Intersect point of original location of $\frac{1}{4}$ sec.cor. secs. 25 & 30, determined from old bearing tree, a mesquite, 36 ins. diam., N.3°W., 20 lks. dist., mkd. S. No trace of original NE. bearing tree. Reconstruct this cor. monument and alter its reference as follows: at original cor. point, set an iron post, 3 ft. long, 1 in. diam., 27 ins. in ground, deposit a stone marked with a cross (X) at base of post, for $\frac{1}{4}$ sec.cor. of sec. 25 only, marked on brass cap
		$\frac{1}{4}$ S25
		1928
		No other bearing tree available. Thence, N.0° 2'E., on true line, continuing measurement of W.bdy. of sec. 30. Ascend 115 ft. over S. slope to Intersect subdivision line bet. secs. 19 & 30 surveyed due West. C.C. of said secs. established at this point as hereinafter described.
30.08		Land, rolling and level. Soil, rocky, 4th rate. Timber, none. Undergrowth, scrub catclaw and mesquite.

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Resurvey of West Boundary of Township 6 South, Range 20 East 7

chains	From C.C. of secs.19 & 30, hereinafter described, N.O° 2'E., on true line, on W.bdy. sec.19. Over rolling land, thru dense undergrowth.
1.03	Ascend slightly over S. slope to Intersect original cor. secs.19,24,25 & 30, which is a mesquite post, 4 ins.diam., projecting 3 ft.above ground, firmly set, mkd XXV IVI S R XXI S on E.face and XXIV IVI on W. face, and witnessed by unmarked stumps of the original bearing trees: a mesquite, 10 ins.diam., S. 78 $\frac{1}{2}$ ° E., 114 lks.dist., a mesquite, 14 ins.diam., N. 44 $\frac{1}{2}$ ° W., 44 lks.dist., a mesquite, 14 ins.diam., S. 1° W., 38 lks.dist., Reconstruct this cor.monument and alter its reference as follows: alongside old post, set an iron post, 3 ft.long, 2 ins. diam., 30 ins.in ground, for cor.of secs.24 & 25 only, marked on brass cap,
	T6S T6S S24 ---+--- R20E S25 R19E S19 1928
	No bearing trees available. Raise a mound of stone, 3 ft.base, 2 $\frac{1}{2}$ ft.high, W.of cor.
15.75	Thence, N. 1°45'W., on true line, continuing measurement W.bdy.sec.19 Ascend gradually over SW. slope to Wash, 40 lks.wide, course SW. Enter mountainous land.
21.25	Asc. 158 ft.over SW. slope to $\frac{1}{4}$ sec.cor.sec.19.
39.96	Leave dense and enter scattering undergrowth. (Midpoint W.bdy. sec.19) Set an iron post, 3 ft.long, 1 in. diam., 30 ins.in ground, for $\frac{1}{4}$ sec.cor. sec.19 only, marked on brass cap.
	$\frac{1}{4}$ S19 1928
40.14	No bearing trees available. Raise a mound of stone, 3 ft.base, 2 $\frac{1}{2}$ ft.high, E.of cor. Ascend slightly over W. slope to (Midpoint E.bdy. sec.24) Set an iroh post, 3 ft.long, 1 in. diam., 30 ins.in ground, for $\frac{1}{4}$ sec.cor. sec.24 only, marked on brass cap.
	$\frac{1}{4}$ S24 1928
41.25	No bearing trees avilable. Raise a mound of stone, 3 ft.base, 2 $\frac{1}{2}$ ft.high, W.of cor. Ascend 26 ft.over W. slope to Wash, 10 lks.wide, course SW. Ascend 260 ft.over SE. slope to cor.of secs.13 and 24.
49.00	Bend in same wash, course SE. from NE.
50.25	Same wash, course SE.
54.97	Same wash, course SW.
62.25	Same wash, course SE.
66.75	Low spur, slopes S.10°E.
79.25	Intersect point of original location of cor.of secs. 13,18,19 & 24, determined from two original bearing trees: a mesquite, 8 ins.diam., N. 44 $\frac{1}{2}$ ° E., 295 lks.dist., marked T6S R20E S18 BT a mesquite, 14 ins.diam., S. 45°W., 86 lks.dist., marked T6S R19E S24 BT
	Reconstruct this cor.monument and alter its reference as follows: at original cor.point, set an iron post, 3 ft.long, 2 ins.diam., 30 ins.in ground, for cor.of secs.13 and 24 only, marked on brass cap

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	chains	T6S T6S S13 R20E S24 R19E S19 1928
79.91	Obliterate marking on the old NE. bearing tree. No other bearing tree W.of line available. Raise a mound of stone, 3 ft.base, 2 $\frac{1}{2}$ ft.high, W.of cor. Thence, N.1°13'E., on true line, continuing measurement. Intersect subdivision line bet.secs.18 and 19 surveyed due West. C.C.of said secs.established at this point as hereinafter described. Land, rolling and mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, scrub mesquite, catclaw and yucca.	
17.89	From C.C.of secs.18 and 19, N.1°13'E., on true line, on W. bdy. sec.18. Over mountainous land, thru scattering undergrowth. Ascend 253 ft.over SE. slope. Ridge, brs.NE. and SW. Road, same bearing. Descend 46 ft.over NW. slope.	
21.69	Wash, 20 lks.wide, course S.70°W. Asc.80 ft.over S.slope.	
32.52	Spur, slopes SW. Asc.20 ft.over W. slope to	
33.40	Draw, course NW. Asc. 14 ft.over SW.slope	
34.50	Low spur, slopes NW. Desc.70 ft.over NW. slope to	
39.51	(Midpoint E.bdy. sec.13) Set an iron post, 3 ft.long, 1 in. diam., 30 ins.in ground, for $\frac{1}{4}$ sec.cor. sec.13 only, marked on brass cap,	
	$\frac{1}{4}$ S13	
	1928	
40.10	No bearing trees available. Raise a mound of stone, 3 ft.base, 2 $\frac{1}{2}$ ft.high, W.of cor. Desc. 11 ft.over NW. slope to (Midpoint W. bdy. sec.18) Set an iron post, 3 ft.long, 1 in.diam., 28 ins.in ground, for $\frac{1}{4}$ sec.cor. sec.18 only, marked on brass cap,	
	$\frac{1}{4}$ S18	
	1928	
41.00	No bearing trees available. Raise a mound of stone, 3 ft.base, 2 $\frac{1}{2}$ ft.high, E.of cor. Desc. 25 ft.over NW. slope.	
52.39	Wash, 30 lks.wide, course SW. Asc. 57 ft.over SW.slope to	
61.99	Wash, 15 lks.wide, course SW. Asc. 98 ft.over SE.slope.	
79.69	Ridge, bears NE. and SW. Desc.265 ft.over NW.slope to Intersect original cor. secs.7,12,13 & 18, which is a granite stone, 10x10x6 ins.above ground, firmly set, marked with 2 notches on N.face, and 4 notches on S. face, and witnessed by a mound of stone W.of cor. No bearing trees.	
80.20	This cor.monument now refers to secs.12 and 13 only, and being a good durable stone properly marked and wit- nessed for such reference, no reconstruction or alter- ation of same is required. Thence, North, on true line, continuing measurement. Descend 15 ft.over NW. slope to Intersect subdivision line bet.secs.7 & 18 surveyed due West. C.C.of said secs.established at this point as hereinafter described. Land, mountainous. Soil, rocky, 4th rate. Timber, none. Undergrowth, scrub catclaw,mesquite and yucca.	

Resurvey of West Boundary of Township 6 South, Range 20 East 9

chains	From C.C. of secs. 7 and 18, North, on true line, on W. bdy. sec. 7. Over mountainous land, thru scattering timber and dense undergrowth. Desc. 60 ft. over N. slope.
6.30	Ravine, course W. Asc. 150 ft. over S. slope.
16.00	Spur, slopes W. Desc. 170 ft. over N. slope.
23.50	Ravine, course W. Asc. 185 ft. over SW. slope.
34.80	Point of spur, slopes SW. Asc. gradually over W. slope to Intersect original $\frac{1}{4}$ sec. cor. secs. 7 & 12, which is an iron post, 1 in. diam., firmly set in a mound of stone, properly marked on brass cap, and witnessed by two bearing trees: a juniper, 6 ins. diam., N. $79\frac{1}{2}^{\circ}$ E., 66 lks. dist., mkd. $\frac{1}{4}$ S7 BT.
39.49	a juniper, 8 ins. diam., S. 30° W., 93 lks. dist., mkd. $\frac{1}{4}$ S12 BT. Alter this cor. monument to refer to the quarters of sec. 12 only as follows: change marking on brass cap to read
	$\frac{1}{4}$ S12
	1924-28
	change marking on NE. bearing tree to read "BT" only. No other bearing tree W. of line available.
39.92	Desc. slightly over NW. slope to Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for witness cor. to $\frac{1}{4}$ sec. cor. of sec. 7 only, marked on brass cap
	WC
	$\frac{1}{4}$ S7
	1928
40.06	No bearing trees available. (Midpoint W. bdy. sec. 7) True point for $\frac{1}{4}$ sec. cor. of sec. 7 falls on sandstone rock, where it is impracticable to monument same.
	Descend 10 ft. over NW. slope.
40.97	Bottom of gulch, course SW. Asc. 200 ft. over SE. slope.
48.87	Spur, slopes SW. Desc. 136 ft. over NW. slope.
59.45	Asc. 90 ft. over W. slope to
79.49	Intersect original cor. of secs. 1, 6, 7 & 12, which is an iron post, 2 ins. diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, and witnessed by one bearing tree: a juniper, 20 ins. diam., N. $82\frac{1}{2}^{\circ}$ W., 178 lks. dist., marked T6S R19E S1 BT.
	Alter this cor. monument to refer to secs. 1 and 12 only, as follows:
	change marking on brass cap to read,
	T6S T6S S 1 --- R20E S12 R19E S7
	1924-28
	No other bearing tree available. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
80.12	Desc. 10 ft. over NW. slope to Intersect the subdivision line bet. secs. 6 and 7 surveyed due West. C.C. of said secs. established at this point as hereinafter described.
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper, sycamore and cottonwood. Undergrowth, scrub oak, manzanita and yucca.

10 Resurvey of West Boundary of Township 6 South, Range 20 East

	chains	From C.C. of secs.6 and 7, North, on true line, on W.bdy. sec.1. Over mountainous land, thru scattering timber and under- growth. Desc. 96 ft. over NW. slope.
8.90	Ravine, course W. Asc. 380 ft. over S. slope.	
20.90	Spur, slopes S.60°W. Desc. 560 ft. over NW. slope to	
39.37	Intersect original $\frac{1}{4}$ sec.cor. of secs.1 and 6, which is an iron post, 1 in. diam., buried 24 ins. below surface by a rock slide, properly marked on brass cap, and wit- nessed by two bearing trees: a sycamore, 8 ins. diam., N. 39 $\frac{1}{2}$ °E., 82 lks. dist., mkd. $\frac{1}{4}$ S6BT an ash, 10 ins. diam., S. 73 $\frac{1}{4}$ °W., 20 lks. dist., mkd. $\frac{1}{4}$ S1BT. Alter this cor. monument to refer to the quarters of sec. 1 only as follows: change marking on brass cap to read,	
	$\frac{1}{4}$ S1	
	1924-28	
	No other bearing tree W. of line available. The old NE. bearing tree becomes an accessory to the witness cor. to $\frac{1}{4}$ sec.cor. of sec.6 as hereinafter described.	
40.00	True point for $\frac{1}{4}$ sec.cor. of sec.6 only, falls in wash, 40 lks. wide, course SW. in bottom of canyon, where it is impracticable to monument same.	
40.12	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in ground to bedrock, and raise a mound of stone around post, for witness cor. to $\frac{1}{4}$ sec.cor. of sec.6 only, marked on brass cap,	
	$\frac{1}{4}$ S6	
	W C	
	1928	
	from which one of the original bearing trees to $\frac{1}{4}$ sec.cor. of secs. 1 and 6, a sycamore, 8 ins. diam., mkd. $\frac{1}{4}$ S6 BT bears S. 78 $\frac{1}{2}$ °E., 53 lks. dist. Change marking on this tree to read $\frac{1}{4}$ S6 WC BT. No other bearing tree available. On E. face of cliff, 4 ft. above base, at 4 lks. W. from W.C. mark BO X. Ascend 630 ft. over S. slope.	
70.35	Ridge, bears E. and W. Desc. 70 ft. over N. slope to	
75.47	Intersect original closing cor. of Ts.6 S., Rs.19 and 20 E., which is a 3 in. iron post, projecting 16 ins. above ground, firmly set in ground and mound of stone, properly marked on brass cap, and witnessed by two bearing trees: an oak, 6 ins. diam., S. 70°E., 85 lks. dist., marked T6S R20E S6 CC BT a pinyon, 18 ins. diam., S. 47°W., 255 lks. dist., marked T6S R19E S1 CC BT	
	Land, mountainous. Soil, rocky, 4th rate. Timber, juniper and sycamore. Undergrowth, scrub oak, manzanita and yucca.	

BOOK 3871

Resurvey of Part of South Boundary-Township 6 South, Range 20 East 11

chains	<p>The West 3 miles of S. bdy. of T.6 S., R.20 E. were surveyed in 1877 by T.F. White, U.S.D.S., establishing all sec. and $\frac{1}{4}$ sec. cors. thereon with a common reference to areas both sides of the line.</p> <p>No retracement or resurvey of any part of this tp. bdy. is of record.</p> <p>The East 3 miles of said tp.bdy. are unsurveyed.</p> <p>The following notes describe a resurvey of the S.bdr. of secs. 31, 32 and 33, T.6 S., R.20 E., reestablishing, for reference to areas S. of line only, missing cor. monuments thereon by proportional and record measurements, and reconstructing the existing sec.cor. with same altered reference. The sec. and $\frac{1}{4}$ sec.cor. referring to areas N. of line only are reestablished at intervals of 40.00 chs. in westing, counting from the cor. of secs. 33 & 34, which is reestablished at a point 240.00 chs. West from the SE.cor. of the Tp.</p>
	<u>Retracement for Resurvey.</u>
159.80	<p>From cor. of Ts. 6 & 7 S., Rs. 19 & 20 E., hereinbefore described,</p> <p>East, on random line, searching diligently at record intervals for the original cor.monuments and setting temp. cors. at such intervals. Fail to find a trace of any old cor.monument until at</p> <p>Fall 130 lks. N. of original cor.of secs. 4, 5, 32 & 33.</p> <p>True course & dist. of Tp.bdy. N.of secs. 4 and 5, T.7 S., R.20 E. are therefore, N.$89^{\circ}32'W.$, 159.80 chs., which, to maintain original proportion bet.cor.intervals, gives 4 intervals of 39.95 chs.each, for the reestablishment of missing cors.referring to areas S. of line only.</p>
40.00	<p>From original cor.of secs. 4, 5, 32 & 33,</p> <p>East, on random line, on N.bdy.of sec. 4.</p> <p>No trace of original $\frac{1}{4}$ sec.cor. Set temp.$\frac{1}{4}$ sec.cor.of sec. 4, and continue line and measurement.</p>
80.00	<p>Find no trace of original cor.of secs. 3, 4, 33 & 34.</p> <p>Set temp. cor.of secs. 3 and 4.</p> <p>The tp.bdy.being unsurveyed East of this point, the $\frac{1}{4}$ sec. cor.of sec. 4, and the cor.of secs. 3 & 4, will be reestablished at record dist. and bearing from the original cor.of secs. 4, 5, 32 & 33.</p>
160.00	<p>To determine point for reestablishment of cor.of secs. 33 & 34, T.6 S., R.20 E., proceed as follows:</p> <p>From temp.cor.of secs. 3 and 4,</p> <p>East, on random line, for distance only.</p> <p>Discontinue chaining on random line at this point, owing to cliffs ahead.</p> <p>Set stake at this point for use in survey of East 3 miles of the Tp.bdy. as hereinafter described.</p> <p>Obtain measurement of remainder of random line by a traverse as follows:</p> <p>S.56$^{\circ}$E., 21.80 chs. 160.00 S.63$^{\circ}$E., 3.70 " S.67$^{\circ}$E., 7.40 " S.38$^{\circ}$E., 11.30 " S.73$^{\circ}$E., 28.00 " N.47$^{\circ}$E., 13.00 " N.20$^{\circ}$E., 4.30 " N.15$^{\circ}56'E.$, 20.33 " to the witness cor.to cor.of Ts.6 & 7 S.,Rs.20 & 21 E., of record as being established at 4.25 chs.S. of cor.point.</p>
238.71	<p>The latitude and departure of the above described traverse are, 91 lks. S. and 78.71 chs. E., respectively, therefore the random line extended would at Intersect W. bdy.of T.7 S., R.21 E. at a point 3.34 chs.</p>

12 Resurvey of Part of South Boundary- Township 6 South, Range 20 East

chains	<p>S. of true point for cor.of Ts.6 & 7 S.,Rs.20 & 21 E., or 91 lks. N. of the W.C. thereto.</p> <p>This point of intersection is the point for cor.of Ts. 6 & 7 S.,R.20 E.only, and point for initiation of survey of East 3 miles of S. bdy.of T.6 S.,R.20 E.</p> <p>The cor.of secs.33 & 34.T.6 S.,R.20 E. is to be reestablished at 240.00 chs.West from SE.cor.of said Tp., therefore said sec.cor. will be 1.29 chs.(240.00 chs.-238.71 chs.) West from reestablished cor.of secs.3 & 4,T.7 S., R.20 E.</p> <p>Return to the temp.cor.of secs.3 & 4, and execute the resurvey of W. 3 miles of S.bdy.of T.6 S.,R.20 E. as follows:</p> <p style="text-align: center;">----- RESURVEY. -----</p> <p>At temp.cor.of secs.3 and 4, set an iron post,3 ft. long, 2 ins.diam.,16 ins.in ground to bedrock,deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for cor.of secs.3 and 4 only, marked on brass cap,</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T6S</td><td>R20E</td></tr> <tr><td>S34</td><td></td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S4</td><td>S3</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>T7S</td><td>R20E</td></tr> </table> <p style="text-align: center;">1928 No bearing trees available.</p> <p>At a point 1.29 chs.West from above described cor., set an iron post,3 ft.long, 2 ins.diam.,14 ins.in ground to bedrock,deposit a stone marked wwith a cross (X) at base of post, and raise a mound of stone around post,for cor.of secs.33 and 34 only,marked on brass cap</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T6S</td><td>R20E</td></tr> <tr><td>S33</td><td>S34</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S4</td><td></td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>T7S</td><td>R20E</td></tr> </table> <p style="text-align: center;">1928 No bearing trees available.</p> <p>Thence, West, on true line, on S.bdy. of sec.33. Over rolling land,thru scattering undergrowth. Descend 155 ft.over NW. slope. Wash, 20 lks.wide,course S.55°W. Asc.225 ft.over SE.slope. Spur, slopes S. Descend 88 ft.over NW. slope. Wash, 15 lks.wide,course S.60°W. Descend 100 ft.over SW. slope to</p> <p>Set an iron post, 3 ft.long,1 in.diam.,14 ins.in ground to bedrock,deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec.cor.of sec.4 only, marked on brass cap,</p> <p style="text-align: center;">$\frac{1}{4}$ S4</p> <p style="text-align: center;">1928 No bearing trees available Ascend gradually over NE. slope. Wire fence, bears N. and S. Set an iron post, 3 ft.long, 1 in.diam.,14 ins.in ground to bedrock,deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec.cor.of sec.33 only,marked on brass cap</p> <p style="text-align: center;">$\frac{1}{4}$ S33</p> <p style="text-align: center;">1928 No bearing trees available.</p>	T6S	R20E	S34		<hr/>		S4	S3	<hr/>		T7S	R20E	T6S	R20E	S33	S34	<hr/>		S4		<hr/>		T7S	R20E
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T7S	R20E																								
5.90																									
21.45																									
26.37																									
38.71																									
39.51																									
40.00																									

Resurvey of Part of South Boundary - Township 6 South, Range 20 E. 13

chains Ascend 15 ft. over SE. slope.
 40.80 Spur, slopes SW. Descend 164 ft. over NW. slope.
 46.84 Wash, 20 lks. wide, course SW. Asc. 94 ft. over SE. slope.
 52.28 Spur, slopes SW. Desc. 121 ft. over NW. slope.
 57.66 Wash, 15 lks. wide, course S. 70°W.
 Ascend 69 ft. over SE. slope.
 70.41 Spur, slopes S. Desc. 12 ft. over SW. slope.
 74.71 Descend along S. slope.
 77.21 Low spur, slopes SW. Desc. 14 ft. over W. slope to cor.
 78.31 Wire fence, bears NE. and SW.
 78.71 Intersect original cor. of secs. 4, 5, 32 & 33, which is a sandstone 14x12x12 ins. above ground, firmly set, faintly marked with 4 notches on E. face and 2 notches on W. face, and witnessed by a mound of stone W. of cor. No bearing trees.
 Reconstruct this cor. monument and alter its reference as follows:
 alongside old stone, set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 4 and 5 only, marked on brass cap,

T6S	R20E
S33	
<hr/>	
S5	S4
T7S	R20E

1928

No bearing trees available.

Remove old mound of stone W. of cor., and raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor.

Thence,

N. 89°32'W., on true line, continuing measurement of S. bdy. of sec. 33.

Desc. 20 ft. over W. slope to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in ground, for cor. of secs. 32 and 33 only, marked on brass cap,

T6S	R20E
S32	S33
<hr/>	
S5	
T7S	R20E

1928

No bearing trees available.

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

Land, rolling.

Soil, gravelly and rocky, 4th rate.

Timber, none. Undergrowth, scrub catclaw, mesquite and oak.

N. 89°32'W., on true line, on S. bdy. of sec. 32.

Over rolling land, thru scattering undergrowth.

Descend 184 ft. over W. slope.

3.88 Wash, 10 lks. wide, course SW.

Asc. 30 ft. over SE. slope.

9.58 Point of spur, sloping SW.

Desc. 145 ft. over W. slope.

14.51 Wash, 10 lks. wide, course SW. Asc. 77 ft. over SE. slope.

17.18 Thence along S. slope. Desc. 118 ft. to $\frac{1}{4}$ sec. cor. sec. 5.

32.38 Fence cor. of old wire fence bears S. 50 lks. dist., from which fences extend E. and S.

38.66 (Midpoint of N. bdy. sec. 5) Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 5 only, marked on brass cap

 $\frac{1}{4}$ S5

1928

14 Resurvey of Part of South Boundary- Township 6 South, Range 20 East

	chains	No bearing trees available.
40.00		Descend slightly over S. slope to Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in ground, for $\frac{1}{4}$ sec.cor. of sec. 32 only, marked on brass cap,
		$\frac{1}{4}$ S32
		1928
57.90		No bearing trees available.
62.00		Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
67.50		Descend 263 ft. over SW. slope.
74.00		Draw, course SW. Asc. 15 ft. over SE. slope.
78.61		Descend 40 ft. over S. slope to Point of spur, sloping SW. Desc. 101 ft. over W. slope. Wash, 20 lks. wide, course NW. Desc. 28 ft. over NW. slope to (Proportional dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 5 and 6 only, marked on brass cap
		T6S R20E S32
		S6 S5 T7S R20E
		1928
78.71		from which, a sycamore, 12 ins. diam., brs. S. 22° E., 112 lks. dist., marked T7S R20E S5 BT
80.00		a hackberry, 6 ins. diam., brs. S. $30\frac{1}{2}$ E., 108 lks. dist., marked T7S R20E S5 BT Descend slightly over NW. slope. Wire fence, bears NE. and SW. Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in ground, for cor. of secs. 31 and 32 only, marked on brass cap
		T6S R20E S31 S32
		S6 T7S R20E
		1928
		from which, a mesquite, 5 ins. diam., brs. N. $44\frac{1}{2}$ W., 103 lks. dist., marked T6S R20E S31 BT
		a hackberry, 5 ins. diam., brs. N. $61\frac{1}{4}$ E., 65 lks. dist., marked T6S R20E S32 BT
		Land, rolling. Soil, gravelly, 3rd rate. Timber, oak, sycamore, hackberry and mesquite in W. 5chs. only. Undergrowth, scrub catclaw, mesquite and oak.
0.77		N. $89^{\circ}32'$ W., on true line, on S. bdy. of sec. 31.
4.33		Over rolling land, thru scattering timber and undergrowth.
9.32		Desc. 92 ft. over W. slope.
16.30		Road, bears NE. to Grand Reef Mine, and SW. to Klondyke.
23.48		Wash, 30 lks. wide, course SW. Desc. 32 ft. over SW. slope to
38.56		Wash, 30 lks. wide, course S. Asc. 83 ft. over SE. slope to
		Wash, 20 lks. wide, course S. 20° E. Asc. 79 ft. over NE. slope.
		Desc. 39 ft. over SW. slope to (Midpoint of N. bdy. of sec. 6) Set an iron post, 3 ft. long, 1 in. diam., 25 ins. in ground, for $\frac{1}{4}$ sec.cor. of sec. 6 only, marked on brass cap
		$\frac{1}{4}$ S6
		1928
		No bearing trees available.

Resurvey of Part of South Boundary- Township 6 South, Range 20 E. 15

chains 40.00	Desc. slightly over SW. slope to Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor.of sec.31 only, marked on brass cap
	$\frac{1}{4}$ S31
	1928
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
45.52	Descend 54 ft. over SW. slope. Wash, 10 lks. wide, course SW.
	Ascend 25 ft. over SE. slope.
51.50	Low spur, slopes SW. Desc. 90 ft. over W. slope to
63.50	Center of sandy draw, 10 chs. wide, course S.
78.51	Descend 25 ft. over SW. slope to Intersect the cor.of Ts.6 and 7 S., Rs.19 and 20 E., hereinbefore described.
	Land, rolling. Soil, gravelly and sandy, 3rd rate. Timber, oak, sycamore, and hackberry. Undergrowth, scrub oak, mesquite, catclaw and yucca.

16 Survey of 1st Standard Parallel South thru Range 20 East.

	chains	From Std.cor.of Ts.5 S.,Rs.20 and 21 E.,on 1st Std. Parallel South, described in Book "C" of this group, West, on true line, on S. bdy.of sec.36. Over mountainous land, thru scattering timber and under-growth. Asc. 98 ft.over NE. slope.
5.80	Ridge, bears NW. & SE. Desc. 420 ft.over SW.slope.	
31.00	Wash, 20 lks.wide, course SE. Asc. 259 ft.over E. slope.	
39.30	Spur, slopes S. Desc. slightly over W.slope to	
40.00	Set an iron post, 3 ft. long, 1 in.in diam., 28 ins.in ground, for standard $\frac{1}{4}$ sec.cor.of sec.36, marked on brass cap	
	SC <u>$\frac{1}{4}$ S36</u>	
	1928	
	from which, a pinyon, 6 ins.diam., brs. N.67 $\frac{1}{2}$ E., 43 lks.dist., marked $\frac{1}{4}$ S36 SC BT	
	a pinyon, 6 ins.diam., brs. N.60 \circ W., 87 lks.dist., marked $\frac{1}{4}$ S36 SC BT	
65.26	Desc. 325 ft.over broken SW. slope. Wash, 30 lks.wide, course SE. Asc. 94 ft.over NE. slope.	
72.43	Spur, slopes N. Desc. 31 ft.over NW. slope.	
76.91	Wash, 10 lks.wide, course NE. Asc.47 ft.over NE. slope to	
77.50	Saddle brs. S. 5.00 chs.dist.	
80.00	Asc. 32 ft.over SE. slope to Set an iron post, 3 ft.long, 2 ins. diam., 30 ins.in the ground, for standard cor.of secs.35 and 36, marked on brass cap	
	SC T5S R20E <u>S35 S36</u>	
	1928	
	No bearing trees available. Raise a mound of stone, 4 ft.base, $2\frac{1}{2}$ ft.high, N.of cor.	
	Land, mountainous. Soil, rocky, 4th rate. Timber, cedar, pinyon and oak. Undergrowth, scrub oak, mesquite, manzanita and cactus.	
4.20	West, on true line, on S. bdy.of sec.35. Over mountainous land, thru scattering timber and under-growth. Asc. 113 ft.over SE. slope to Head of wash, course SE. Asc. 339 ft.over E. slope.	
16.88	Top of high knoll, brs. NW. and SE. Desc. 251 ft.over SW. slope.	
28.65	Head of wash, course S. Asc. 135 ft.over E. slope.	
34.00	Spur, slopes S. Desc. 15 ft.over SW. slope.	
37.00	Head of wash, course SE. Asc.52 ft.over SE. slope to	
40.00	Set an iron post, 3 ft.long, 1 in.in diam., 16 ins.in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for std. $\frac{1}{4}$ sec.cor.of sec.35, marked on brass cap,	

SC
 $\frac{1}{4}$ S35

1928

No bearing trees available.

EOK 3878

Survey of 1st Standard Parallel South thru Range 20 East

17

chains 43.20	Ascend 102 ft. over SE. slope. Ridge, brs. NE. and W. Desc. 35 ft. along top of ridge to
48.45	Asc. 15 ft. along top of ridge to
50.00	Leave top of ridge, brs. E. and S. Desc. 428 ft. over W. slope.
62.85	Wash, 10 lks. wide, course SW. Desc. 36 ft. over SW. slope to
63.95	Wash, 10 lks. wide, course S. Asc. 20 ft. over SE. slope.
66.20	Desc. 15 ft. over SW. slope.
68.05	Wash, 15 lks. wide, course SE. Asc. 18 ft. over NE. slope.
73.20	Descend 156 ft. over NW. slope.
78.04	Wash, 30 lks. wide, course SW. Asc. 24 ft. over E. slope to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for standard cor. of secs. 34 and 35, marked on brass cap.

SC
T5S | R20E
S34 | S35

1928

from which,
a cedar, 6 ins. diam., brs. N. 75° W., 165 lks. dist.,
marked T5S R20E S34 SC BT
No other bearing trees available.

Land, mountainous.
Soil, rocky, 4th rate.
Timber, cedar.
Undergrowth, scrub mesquite, yucca and cactus.

	West, on true line, on S. bdy. of sec. 34. Over mountainous land, thru scattering undergrowth. Ascend 446 ft. over E. slope.
11.40	Spur, slopes S. Desc. 268 ft. over W. slope.
19.14	Wash, 10 lks. wide, course SW. Asc. 28 ft. over SE. slope.
20.60	Low spur, slopes SW. Desc. 171 ft. over NW. slope.
26.80	Wash, 40 lks. wide, course S. Asc. 112 ft. over NE. slope.
31.60	Spur, slopes SE. Desc. 20 ft. over SW. slope.
35.96	Wash, 15 lks. wide, course SE. Asc. 100 ft. over NE. slope to
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in ground, for standard $\frac{1}{4}$ sec. cor. of sec. 34, marked on brass cap.

SC
* S34

1928

No bearing trees available.
Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

43.30	Asc. 168 ft. over NE. slope to
53.00	Spur, slopes S. Asc. 102 ft. over broken S. slope to
	Spur, slopes SW. Desc. 283 ft. over NW. slope.
62.45	Wash, 15 lks. wide, course SW. Asc. 115 ft. over SE. slope.
71.80	Low spur, slopes SW. Desc. 80 ft. over NW. slope.
76.18	Wash, 10 lks. wide, course SW. Asc. 33 ft. over SE. slope.
78.60	Spur, slopes SW. Desc. 44 ft. over NW. slope to

18 Survey of 1st Standard Parallel South thru Range 20 East

chains
80.00 Set an iron post, 3 ft.long, 2 ins.diam., 28 ins.in the ground,for standard cor.of secs.33 and 34, marked on brass cap

SC
T5S | R20E
S33 | S34

1928

No bearing trees available.

Raise a mound of stone, 3 ft.base, $2\frac{1}{2}$ ft.high,N.of cor.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, none.

Undergrowth, catclaw and yucca.

West, on true line, on S.bdy.of sec.33.

Over mountainous land, thru scattering timber and under-growth.

4.78 Desc. 179 ft.over NW. slope.
Wash, 15 lks.wide, course SW.

9.60 Desc. 63 ft.over SW. slope to
Wash, 30 lks.wide, course S.

13.93 Asc. 57 ft.over E.slope.
Low spur, slopes SE.

16.40 Desc. 45 ft.over SW. slope.
Wash, 10 lks.wide, course SE.

22.70 Asc. 272 ft.over E. slope.
Spur, slopes S. Desc. 60 ft.over SW. slope to

29.00 Low spur, slopes SW.
Desc. 85 ft.over NW. slope to
Set an iron post, 3 ft.long, 1 in.diam., 28 ins.in the ground,for standard $\frac{1}{4}$ sec.cor.of secs 33, marked on brass cap,

SC
 $\frac{1}{4}$ S33

1928

from which,

a cedar, 14 ins.diam., brs. N. 39° E., 41 lks.dist.,
marked $\frac{1}{4}$ S33 SC BT

a cedar, 14 ins.diam., brs. N. $76\frac{1}{2}^{\circ}$ W., 105 lks.dist.,
marked $\frac{1}{4}$ S33 SC BT

40.30 Desc.slightly over NW. slope to
43.00 Wash, 15 lks.wide, course SW. Asc. 7 ft.over SE slope.

46.20 Desc. 18 ft.over SW. slope.

52.40 Wash, 15 lks.wide, course SE.

Asc. 66 ft.over NE.slope.

52.40 Spur, slopes SE.

Desc. 218 ft.over SW. slope.

76.10 Wash, 15 lks.wide, course SW.

Asc. 50 ft.over NE. slope to

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

SC
T5S | R20E
S32 | S33

1928

from which,

a white oak, 8 ins.diam., brs. N. 28° E., 167 lks.
dist., marked T5S R20E S33 SC BT

Survey of 1st Standard Parallel South thru Range 20 East

Chains	A white oak, 7 ins. diam., bears N. 24° E., 165 lks. dist., mkd. T5S R20E S33 SC BT.
	Land: mountainous. Soil: rocky, 4th rate. Timber: oak, cedar, pinon. Undergrowth: oak, mesquite, yucca, catclaw.
	West, on true line, on S. bdy. of sec. 32.. Over mountainous land; thru scattering undergrowth. Asc. 68 ft. over NE. slope.
3.70	Spur, slopes S. Desc. 143 ft. over W. slope.
12.10	Wash, 10 lks. wide, coarse SW. Asc. 11 ft. over SE. slope.
14.70	Change of slope; Desc. 70 ft. over SW. slope.
26.10	Wash, 15 lks. wide, coarse SW. Asc. 110 ft. over broken SE. slope (to 1 sec. cor.).
33.25	Intersect E. side line (3-4) of MAINE patented lode min- ing claim, Mineral Survey No. 2438, at a point 6 lks. S. 3° 56' E. from cor. No. 4, thereof, identical with Cor. No. 2 of IRON JACKET patented lode claim of same mineral survey.
	Thence across patented mining claims.
39.80	Wire fence, bears N. and S.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for standard $\frac{1}{4}$ sec. cor. of sec. 32, marked on brass cap
	SC <u>$\frac{1}{4}$ S32</u>
	1928
	No bearing trees available. Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
	Asc. 134 ft. over SE. slope.
48.50	House and corrals bear S. about 30 chs. dist.
53.30	Slope changes; desc. 41 ft. over NE. slope.
58.25	Slope changes; asc. 51 ft. over SE. slope.
68.50	Spur, slopes SW. Desc. 277 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for standard cor. of secs. 31 and 32, mkd. on brass cap:
	SG T5SR20E <u>S31 S32</u>
	1928
	No bearing trees available. Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
	Land: mountainous. Soil: rocky, 4th rate. Timber: none. Undergrowth: oak, mesquite, catclaw, rabbitbrush, yucca.
	West, on true line, on S. bdy. of sec. 31. Over mountainous land; thru scattering timber and brush. Across patented mineral claims (Survey 2438). Desc. 376 ft. over SW. slope.
4.75	Intersect W. end line (4-5) of SANDY patented lode mining claim, Mineral Survey NO. 2438, at a point 3.82 chs. N. S. 3° 56' W. from cor. No. 5, thereof. Leave patented mineral land.
9.60	Trail, bears NW. and SE.
14.90	Old mine shaft, 70 ft. deep, bears S., 20 lks. dist.
29.30	Wash, 20 lks. wide, coarse NW. Asc. 25 ft. over NE. slope.
32.00	Wash, 10 lks. wide, coarse NE. Asc. 200 ft. over NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock; deposit a stone, mkd. with cross(+) at base of post; raise a mound of stone around post, for standard $\frac{1}{4}$ sec. cor. of sec. 31, mkd. on brass cap

Survey of 1st Standard Parallel, South, thru Range 20 East.

Chains	
	SC <u>T 5 S</u> 1928
	from which A cedar, 6 ins. diam., bears N.28°E., 75 lks. dist., mkd. <u>1/4 S31 BT.</u>
	SW. cor. of stone house at Tule Springs brs. N.31 $\frac{1}{2}$ °E. about 20 chs. dist.
	Cor. No.3 of NINA M.S., patented millsite claim, Mineral Survey No.4011, which is a wood post, 4 ins. square, projecting 2 $\frac{1}{2}$ ft. above a mound of stone, mkd. 3-4011 N.M.S., bears N.10°58'E., 9.29 chs. dist.
	Asc. 20 ft. along N. slope.
48.00	Spur, slopes NW. Desc. 32 ft. over SW. slope.
50.00	Spur, slopes SW. Desc. 205 ft. over W. slope.
55.00	Wash, 40 lks. wide, course SW. Desc. 130 ft. over SW. slope.
61.80	Same wash, course N.15°W., carrying a stream, 10 lks. wide. Asc. 25 ft. over NE. slope.
63.38	Low spur, slopes NW. Desc. 92 ft. over NW. slope to
71.05	Same wash, course S. with stream of water, 10 lks. wide. Asc. slightly over SE. slope.
73.00	Slope changes; desc. 20 ft. over SW. slope.
75.94	Same wash, course W., from SE. with stream of water, 10 lks. wide. Along wash, descending gradually to
78.00	Leave wash and stream, course SW. from E. Asc. 102 ft. over SE. slope.
87.27	Intersect N. and S. line at a point 73 lks. S. of the original standard cor. of T.5 S., R.19 and 20 E., which is an iron post, 3 ins. diam., projecting 20 ins. above ground, firmly set in ground and mound of stone, properly mkd. on brass cap and witnessed by two properly mkd. bearing trees as follows: A live oak, 10 ins. diam., N.47 $\frac{1}{2}$ °E., 131 lks. dist. and A live oak, 15 ins. diam., N.72°W., 219 lks. dist. Alter this cor. monument to refer to T.5 S., R.19 E., only (SE.std.cor.), by changing the marks on the brass cap to read

SC
T5S
R19E
S36

1924-28

The original NE.bearing tree now becomes an accessory
to the std. cor. of T.5 S., R.20 E., only(SW.cor), as
hereinafter described.
At point of intersection, Set an iron post, 3 ft. long, 3
ins. diam., 28 ins. in the ground for std. cor. of
T.5 S., R.20 E., only (SW. cor.), mkd. on brass cap

SC
T5S
R20E
S31

1928

from which
A live oak, 10 ins. diam., bears N.30°39'E., 188 lks.
dist.; mkd. T5S R20E S31 SC BT. (Original NE.
bearing tree of original Std. Tp. cor.)
No other bearing trees available in sec. 31. Raise a
mound of stone, 6 ft. base, 4 ft. high, NE. of cor.
Land: mountainous. Soil: rocky, 4th rate. Timber: cedar
and piñon. Undergrowth: oak, mesquite, catclaw.

Survey of Part (completion) of South bdy., of T.6 S., R.20 E.

21

chains The true point for cor. of Ts.6 and 7 S., R.20 E. only, was determined by a random line East from original cor. of secs. 4, 5, 32 & 33, Ts.6 & 7 S., R.20 E., as hereinbefore described in notes of Resurvey of the West 3 miles of S. bdy. of T.6 S., R.20 E. This point is 3.34 chs. S. of original cor. point of cor. of Ts.6 & 7 S., Rs. 20 & 21 E., and 91 lks. N. of the original witness cor. thereto, which is an iron post, 3 ins. diam., projecting 18 ins. above ground at foot of cliff 75 ft. high facing S., firmly set in ground and mound of stone, properly marked on brass cap, and witnessed by three bearing trees: an oak, 10 ins. diam., N. $66\frac{3}{4}^{\circ}$ E., 38 lks. dist., marked WC T6S R21E S31 BT
a pine, 8 ins. diam., S. $6\frac{3}{4}^{\circ}$ W., 17 lks. dist., marked WC T7S R20E S1 BT
an oak, 10 ins. diam., N. $38\frac{1}{2}^{\circ}$ W., 29 lks. dist., marked WC T6S R20E S36 BT
Alter this cor. monument to witness the true point for cor. of Ts.6 & 7 S., R.21 E. only, as follows:
change marking on brass cap to read

	WC
T6S	
T7S	R21E
R20E	S31
S 1	S6
	T7S

1915-28

change marking on the SW. and NW. bearing trees to read WC BT only,
and change marking on the NE. bearing tree to read WC T7S R21E S6 BT

The point for cor. of Ts.6 & 7 S., R.20 E. falls on a precipitous slope where it is impracticable to set monument, therefore at a point 31 lks. North therefrom, set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for witness cor. to cor. of Ts.6 & 7 S., R.20 E. only, marked on brass cap

T6S	
R20E	T7S
S36	R21E
S 1	S6
T 7S	
WC	

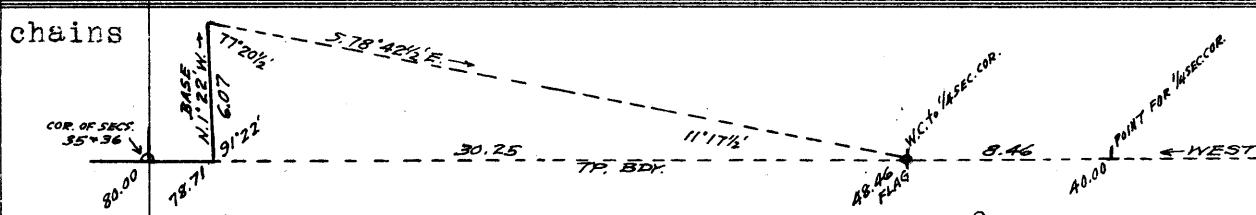
1928

from which,
a pinyon, 12 ins. diam., brs. S. $54\frac{1}{2}^{\circ}$ W., 85 lks. dist., marked T7S R20E S1 WC BT
a pinyon, 10 ins. diam., brs. N. $32\frac{3}{4}^{\circ}$ W., 126 lks. dist., marked T6S R20E S36 WC BT

From true point for cor. of Ts.6 & 7 S., R.20 E., West, on true line, on S. bdy. of sec. 36.
Over mountainous land, precipitous broken S. and SW. slopes and cliffs, impracticable to chain across.
Measurement to 78.71 ch. station obtained by a traverse hereinbefore described.

40.00 True point for $\frac{1}{4}$ sec. cor. of sec. 36 falls on cliffs, where it is inaccessible, therefore witness cor. is established at 8.46 chs. West therefrom, measurement to said witness cor. obtained by a triangulation as follows:
Set a flag on line at a point East from 78.71 ch. station, the vertical angle to which is $+29^{\circ}$.
From 78.71 ch. sta. measure a base N. $1^{\circ} 22' 2''$ W., 6.07 chs.
From N. end of base the flag bears S. $78^{\circ} 42' 2''$ E.
All bearings checked by direct reading of the solar, and all angles checked by deflection.

22 Survey of Part (completion) of South bdy.- T. 6 S., R. 20 E.



chains
COR. OF SECS.
35+36
80.00
18.71
Dist. by traverse 78.71 chs. W.
Dist. by triangulation 30.25 " E.
Tp.cor.point to flag 48.46 " W.
48.46 Flag point of above described triangulation.
Set an iron post, 3 ft.long, 1 in.diam., 14 ins.in ground
to bedrock, deposit a stone marked with a cross (X) at
base of post, and raise a mound of stone around post,
for witness cor.to $\frac{1}{4}$ sec.cor.of sec.36 only, marked on
brass cap,

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

1928

No bearing trees available.
Descend about 1200 ft.over cliffs facing SW.
70.00 (Approx.) Gulch, course S.
Ascend about 100 ft.over SE. slope to
Traverse and triangulation point.
Continue line and measurement by chaining.
78.71 Ascend 18 ft.over SE. slope to
80.00 Set an iron post, 3 ft.long, 2 ins.diam., 4 ins.in ground
to bedrock, and raise a mound of stone around post, for
cor.of secs.35 and 36 only, marked on brass cap,

T6S | R20E
S35 | S36

1928

from which,
a black oak, 6 ins.diam., brs. N.52 $\frac{1}{2}$ E., 122 lks.
dist., marked T6S R20E S36 BT
a pinyon, 12 ins.diam., brs. N.19 $\frac{1}{2}$ W., 272 lks.
dist., marked T6S R20E S35 BT

Land, mountainous. Soil, rocky, 4th rate.
Timber, cedar, oak and pinyon.
Undergrowth, scrub oak, yucca and mesquite.

West, on true line, on S. bdy.of sec.35.
Over mountainous land, thru scattering undergrowth.
Ascend 57 ft.over SE. slope.
5.40 Spur, slopes S.30°W. Desc.188 ft.over W. slope.
17.71 Wash, 20 lks.wide, course N.35°W. Asc.15 ft.over NE.slope.
19.20 Desc. 7 ft.over SW. slope.
21.12 Wash, 10 lks.wide, course NW. Asc.30 ft.over NE.slope.
22.57 Desc. 17 ft.over W. slope.
26.90 Wash, 5 lks.wide, course N. Asc. 36 ft.over NE.slope to
29.45 Wash, 15 lks.wide, course NE. Asc. 90 ft.over SE.slope.
35.30 Spur, slopes S.70°W. Desc.45 ft.over NW. slope to
40.00 Set an iron post, 3 ft.long, 1 in.diam., 12 ins.in ground
to bedrock, deposit a stone marked with a cross (X) at
base of post, and raise a mound of stone around post,
for $\frac{1}{4}$ sec.cor.of sec.35 only, marked on brass cap

$\frac{1}{4}$ S35

1928

No bearing trees available.
Descend 65 ft.over W. slope.
45.20 Wash, 10 lks.wide, course S.10°E. Asc.61 ft.over SE.slope.
48.70 Spur, slopes SW. Desc.228 ft.over W. slope.
60.32 Wash, 10 lks.wide, course SW. Asc.20 ft.over SE. slope.
63.25 Descend 180 ft.over SW. slope to

OOK 3871

Survey of Part (completion) of South bdy.- T.6 S., R.20 E.

23

chains 80.00	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in ground, for cor. of secs. 34 and 35 only, marked on brass cap, T6S R20E S34 S35 1928 No bearing trees available. Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor. Land, mountainous and rolling. Soil, rocky, 4th rate. Timber, none. Undergrowth, scrub mesquite, catclaw & yucca.
0.60	West, on true line, on S. bdy. of sec. 34. Over rolling land, thru scattering undergrowth. Desc. 9 ft. over SW. slope. Wash, 10 lks. wide, course NW. Desc. 90 ft. over NW. slope to
7.50	Wash, 10 lks. wide, course NW. Asc. 45 ft. over NE. slope.
13.50	Desc. 56 ft. over NW. slope.
16.78	Head of wash, 10 lks. wide, course N. Asc. 70 ft. over NE. slope. Desc. 29 ft. over W. slope.
19.95	Wash, 10 lks. wide, course NW. Asc. 40 ft. over NE. slope.
21.52	Desc. 92 ft. over N. and NW. slopes.
24.95	Wash, 10 lks. wide, course NE. Asc. 37 ft. over SE. slope.
31.33	Desc. 54 ft. over W. slope.
33.50	Wash, 5 lks. wide, course SW. Asc. slightly to
39.50	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a mound of stone around post, for $\frac{1}{4}$ sec. cor. of sec. 34 only, marked on brass cap.
40.00	 <u>$\frac{1}{4}$ S34</u> 1928 No bearing trees available. Descend 95 ft. over SW. slope.
43.60	Desc. 70 ft. over W. slope.
44.38	Wire fence, bears NW. and SE.
46.64	Head of deep draw, course SW. Asc. 30 ft. over SE. slope.
48.50	Desc. 176 ft. over NW. slope.
49.54	Intersect fence cor. from which fences extend N. 45°W., and N. 45°E.
54.38	Creek, 30 lks. wide, course SW. Asc. 60 ft. over SE. slope.
57.80	Desc. 10 ft. over W. slope.
59.23	Wash, 10 lks. wide, course SW. Asc. 170 ft. over SE. slope
64.50	Spur, slopes SW. Desc. 20 ft. over NW. slope.
66.29	Wash, 5 lks. wide, course SW. Wire fence, brs. N. and S. Ascend 20 ft. over SE. slope.
67.30	Desc. 66 ft. over SW. slope.
71.16	Wash, 10 lks. wide, course S. Asc. 20 ft. over SE. slope.
72.30	Desc. 12 ft. over SW. slope.
73.73	Wash, 10 lks. wide, course SE. Asc. 57 ft. over SE. slope.
76.47	Wire fence, bears N. and S.
76.77	Spur, slopes SW. Desc. 42 ft. over NW. slope to
78.71	Intersect the cor. of secs. 3 and 4, T. 7 S., R. 20 E., hereinbefore described.
80.00	Desc. 15 ft. over NW. slope to Intersect the cor. of secs. 33 & 34, T. 6 S., R. 20 E., hereinbefore described. Land, rolling. Soil, rocky, 4th rate. Timber, none. Undergrowth, scrub mesquite and catclaw.

Survey of East Bdy. of Township & South, Range 20 East

chains	The following notes describe the establishment on the range line bet. Rs.20 and 21 E., in T.6 S., of all the sec. and $\frac{1}{4}$ sec.cors. or witness cors. thereto, referring to the East range of secs. in T.6 S., R.20 E. only. This portion of the range line, except the S. 3.34 chs. was surveyed under this group as West Bdy. of T.6 S., R.21 E., establishing sec. and $\frac{1}{4}$ sec.cors. thereon referring to the West range of secs. of said Tp. only, as described in Book "A" of this group. In view of the fact that the descriptions of character of land, timber, undergrowth, topographical features, etc. along this line have been included in the field notes of "Survey of West Bdy. of T.6 S., R.21 E." in Book "A" of this group, such data is omitted from the following field notes of "Survey of East Bdy. of T.6S., R.20 E."
0.31	From true point for cor.of Ts.6 & 7 S., R.20 E., North, on true line, on E. bdy.of sec.36. Witness cor.to cor.of Ts.6 & 7 S., R.20 E., hereinbefore described.
3.34	True point for cor.of Ts.6 & 7 S., R.21 E. only, witnessed 4.25 chs. S. as hereinbefore described.
40.00	Set an iron post, 3 ft.long, 1 in.diam., 10 ins.in ground to bedrock, and raise a mound of stone around post, for $\frac{1}{4}$ sec.cor.of sec.36 only, marked on brass cap, $\frac{1}{4}$ S36 1928 from which, a fir, 14 ins.diam., brs. S.38 $\frac{3}{4}$ °W., 40 lks.dist., marked $\frac{1}{4}$ S36 BT a white oak, 10 ins.diam., brs. N.59°W., 13 lks.dist., marked $\frac{1}{4}$ S36 BT
46.12	True point for $\frac{1}{4}$ sec.cor.of sec.31 only, witnessed 4.42 chs. N.
50.54	Witness cor.to $\frac{1}{4}$ sec.cor.of sec.31 only, described in Book "A" of this group.
80.00	Set an iron post, 3 ft.long, 2 ins.diam., 24 ins.in ground, for cor.of secs.25 and 36 only, marked on brass cap, T6S T6S S25 --- R21E S36 R20E S31 1928 from which, a pinyon, 6 ins.diam., brs. S.72°W., 47 lks.dist., marked T6S R20E S36 BT a yellow pine, 4 ins.diam., brs. N.56°W., 61 lks.dist., marked T6S R20E S25 BT
6.12	North, on true line, on E. bdy.of sec.25.
40.00	Cor.of secs.30 and 31 only, described in Book "A" this group.
42.85	True point for $\frac{1}{4}$ sec.cor.of sec.25 only falls on a sandstone boulder, 100 ft.base, 75 ft.high, where it is impracticable to set monument, therefore establish witness cor.at 2.85 chs. N. Set an iron post, 3 ft.long, 1 in.diam., 6 ins.in ground to bedrock, and raise a mound of stone around post, for witness cor.to $\frac{1}{4}$ sec.cor.of sec.25 only, marked on brass cap $\frac{1}{4}$ S25 WC 1928 from which,

Survey of East Bdy. of Township 6 South, Range 20 East

chains	a white oak, 6 ins.diam., brs. S. $15\frac{1}{4}$ ^o W., 11 lks.dist., marked $\frac{1}{4}$ S25 WC BT a cedar, 14 ins.diam., brs. N. $83\frac{1}{2}$ ^o W., 28 lks.dist., marked $\frac{1}{4}$ S25 WC BT
46.12	True point for $\frac{1}{4}$ sec.cor. sec.30 only, wit.3.54 chs.N.
49.66	Witness cor.to $\frac{1}{4}$ sec.cor. sec.30 only, described in Book "A" of this group.
79.77	Set an iron post, 3 ft.long, 2 ins.diam., 10 ins.in ground to bedrock, and raise mound of stone around post, for witness cor.to cor.of secs.24 & 25 only, marked on brass cap
	WC T6S T6S S24 ---+--- S25 R21E R20E S30
	1928
	from which, a yellow pine, 10 ins.diam., brs. S. $78\frac{1}{4}$ ^o W., 82 lks. dist., marked T6S R20E S25 WC BT
	a white oak, 10 ins.diam., brs. N. $32\frac{1}{2}$ ^o W., 113 lks.dist., marked T6S R20E S24 WC BT
80.00	True point for cor. secs.24 & 25 only falls in creek, 20 lks.wide, course NE., where it is impracticable to set monument, therefore establish W.C. at 0.23 chs. S.
6.12	North, on true line, on E.bdy. sec.24, from cor.point.
40.00	Cor.of secs.19 & 30 only, described in Book"A" this group.
40.16	True point for $\frac{1}{4}$ sec.cor. sec.24 only falls on face of cliff, where it is impracticable to set monument, therefore establish W.C. at 0.16 chs. N.
	Set an iron post, 3 ft.long, 1 in.diam., 30 ins.in ground, for witness cor.to $\frac{1}{4}$ sec.cor. sec.24 only, marked on brass cap,
	$\frac{1}{4}$ S24 WC
	1928
	from which, a white oak, 6 ins.diam., brs. S. $64\frac{1}{4}$ ^o W., 63 lks. dist., marked $\frac{1}{4}$ S24 WC BT
	a white oak, 16 ins.diam., brs. N. $22\frac{1}{2}$ ^o W., 71 lks. dist., marked $\frac{1}{4}$ S24 WC BT
46.12	The $\frac{1}{4}$ sec.cor. sec.19 only, described in Book"A".
80.00	Set an iron post, 3 ft.long, 2 ins.diam., 30 ins.in ground, for cor.of secs.13 & 24 only, marked on brass cap,
	T6S T6S S13 ---+--- S24 R21E R20E S19
	1928
	from which, a black oak, 36 ins.diam., brs. S. $35\frac{1}{4}$ ^o W., 296 lks. dist., marked T6S R20E S24 BT
	a pinyon, 12 ins.diam., brs. N. $60\frac{1}{2}$ ^o W., 348 lks. dist., marked T6S R20E S13 BT
6.06	North, on true line, on E. bdy.of sec.13.
6.12	Witness cor.to cor. secs.18 & 19 only, described in Book"A".
40.00	True point for cor.of secs.18 & 19 only, witnessed 0.06 chs. S.
	Set an iron post, 3 ft.long, 1 in.diam., 28 ins.in ground, deposit a stone marked with a cross. (X) at base of post, for $\frac{1}{4}$ sec.cor. sec.13 only, marked on brass cap,
	$\frac{1}{4}$ S13 1928

	chains	from which, a white oak, 8 ins.diam., brs. S. $37\frac{1}{2}$ ^o W., 27 lks.dist. marked $\frac{1}{4}$ S13 BT. No other bearing tree available.
46.12		True point for $\frac{1}{4}$ sec.cor. sec.18 only, wit. 1.49 chs. N. Witness cor. to $\frac{1}{4}$ sec.cor. sec 18, described in Book "A". Set an iron post, 3 ft.long, 2 ins.diam., 6 ins.in ground to bedrock, deposit s tone marked with a cross (X) at base of post, and raise mound of stone around post, for cor. secs.12 & 13 only, marked on brass cap,
47.61		
80.00		
		T6S T6S S12 ---+--- R21E S13 R20E S18 1928
		No bearing trees available.

6.12		North, on true line, on E. bdy.of sec.12.
7.34		True point for cor. secs.7 & 18 only, wit, 1.22 chs. N.
39.54		Witness cor.to cor. secs.7 & 18, described in Book "A". Set an iron post, 3 ft.long, 1 in.diam., 14 ins.in ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise mound of stone around post, for witness cor.to $\frac{1}{4}$ sec.cor. sec.12 only, marked on brass cap,
		WC $\frac{1}{4}$ S12 1928
		from which, a pinyon, 8 ins.diam., brs. S. $44\frac{1}{2}$ ^o W., 108 lks.dist., marked $\frac{1}{4}$ S12 WC BT
		a pinyon, 12 ins.diam., brs. N. 37° W., 334 lks.dist., marked $\frac{1}{4}$ S12 WC BT
40.00		True point for $\frac{1}{4}$ sec.cor. sec.12 only falls in wash, 12 lks.wide, course SW., therefore establish witness cor. 0.46 chs. S.
46.12		True point for $\frac{1}{4}$ sec.cor. sec.7 only, wit. 0.22 chs. N.
46.34		Witness cor.to $\frac{1}{4}$ sec.cor. sec.7, described in Book "A".
80.00		Set an iron post, 3 ft.long, 2 ins.diam., 8 ins.in ground to bedrock, and raise mound of stone around post, for cor. secs.1 & 12 only, marked on brass cap,
		T6S T6S S1 ---+--- R21E S12 R20E S7 1928
		from which, a pinyon, 10 ins.diam., brs. S. $13\frac{1}{2}$ ^o W., 60 lks.dist., marked T6S R20E S12 BT
		a pinyon, 8 ins.diam., brs. N. 65° W., 2 lks. dist., marked T6S R20E S1 BT

5.91		North, on true line, on E.bdy.of sec.1
6.12		Wit. cor.to cor.of secs.6 & 7 only, described in Book "A".
40.00		True point for cor. secs.6 & 7, wit. 0.21 chs. S. Set an iron post, 3 ft.long, 1 in.diam., 20 ins.in ground to bedrock, and raise mound of stone around post, for $\frac{1}{4}$ sec. cor. sec.1 only, marked on brass cap
		$\frac{1}{4}$ S1 1928
		from which, a pinyon, 14 ins.diam., brs. S. $21\frac{1}{2}$ ^o W., 72 lks.dist., marked $\frac{1}{4}$ S1 BT
		a black oak, 8 ins.diam., brs. N. $5\frac{1}{2}$ ^o W., 163 lks.dist., marked $\frac{1}{4}$ S1 BT

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Survey of East Bdy. of Township 6 South, Range 20 East

chains 46.12	True point for $\frac{1}{4}$ sec.cor.of sec.6 only. Witness cor. is 0.10 chs. N.
46.22	Witness cor.to $\frac{1}{4}$ sec.cor.of sec.6 only,described in Book "A" of this group.
74.11	Witness cor.to closing cor.of Ts.6 S.,Rs.20 & 21 E., described in Book "A" of this group.
74.32	True point for closing cor.of Ts.6 S.,Rs.20 & 21 E., in wash,10 lks.wide,course SE.,on 1st Std.Par.South, 12.20 chs. E. from std. $\frac{1}{4}$ sec.cor.of sec.36,T.5 S., R.20 E.,hereinbefore described. Witness cor. is 0.21 chs.S.

Boundaries of Township 6 South, Range 20 East
Latitudes, Departures and Closing Errors.

Line designated	Course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary	West N. $89^{\circ}32'W.$	318.71 159.80	1.30			318.71 159.80
West Boundary	N. $0^{\circ}29'E.$	40.01	40.01		.34	
	N. $0^{\circ}18'W.$	40.12	40.12			.21
	N. $0^{\circ}30'W.$	39.61	39.61			.35
	N. $0^{\circ}2'E.$	40.17	40.17		.02	
	N. $1^{\circ}45'W.$	78.22	78.20			2.38
	N. $1^{\circ}13'E.$	80.35	80.33		1.71	
	North	156.10	156.10			
North Boundary (1st Std.Par.S.)	East South East	18.89 .73 459.47		.73	18.89 459.47	
East Boundary	South	474.32	474.32			
Convergency					.47	
	Totals		475.84	475.05	480.90	481.45
	Error in latitude			0.79		
	Error in departure					0.55

Survey of Subdivisions of T. 6 S., R. 20 E.

chains	From the cor. of secs. 35 and 36 on S. bdy of tp. hereinbefore described. N.0°1'W., bet secs. 35 and 36. Over mountainous land, through scattering timber and undergrowth. Ascend 127 ft. over SW. slope. Ridge, bears E and W. Descend 31 ft. Head of ravine, course NW. Ascend 488 ft. over SW. slope of granite cliffs. Spur, slopes. W. Descend 245 ft. over NW. slope. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base 16 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
8.00	
13.20	
27.11	
40.00	
	$\frac{1}{4}$
	\$35 \$36
	1928
	from which a pinon 8 ins. diam., brs. N.62°E., 44 lks. dist., marked $\frac{1}{4}$ S 36 B T. a pinon, 8 ins. diam., brs. S.72° W., 39 lks. dist., marked $\frac{1}{4}$ S 35 B T.
43.40	Descend 78 ft. over NW. slope. Gulch, course W.
56.90	Ascend 500 ft. over SW. slope. Brushy spur, slopes W.
61.70	Descend 125 ft. over brushy NW. slope. Ravine, course NW.
66.00	Ascend 70 ft. over NW slope. Spur, slopes W.
71.25	Descend 213 ft. over NW. slope. Wash, 40 lks. wide, course W.; enter scattering timber.
80.00	Ascend 329 ft. over SW. slope. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap
	T6S R20E S26 S25 + S35 S36 1928
	from which a pinon 6 ins. diam., brs. N.55° E., 12 lks. dist., marked T 6 S R 20 E S 25 B T. a pinon, 8 ins. diam., brs. S.59 $\frac{1}{2}$ °E., 67 lks. dist., marked T 6 S R 20 E S 36 B T. a pinon, 6 ins. diam., brs. S.44°W., 83 lks. dist., marked T 6 S R 20 E S 35 B T. an oak, 6 ins. diam., brs. N.67 $\frac{1}{4}$ °W., 31 lks. dist., Land, mountainous. mkd. T6S R20E S26 BT Soil, rocky 4th rate. Timber, scattering fir, cedar, pinon and oak. Undergrowth, scattering manzanita, scrub oak and yucca.
40.00	East, on a random line, bet secs. 25 and 36. Set temp $\frac{1}{4}$ sec. cor.
79.90	Fall 26 lks. S. of the cor. of secs. 25 and 36, on E. bdy of Tp., hereinbefore described.

Survey of Subdivisions of T. 6 S., R. 20 E.

chains	Thence, S. $89^{\circ}49'$ W., on true line, bet. secs. 25 and 36. Over mountainous land, thru heavy timber and dense undergrowth. ascend 365 ft. over NE. slope.
12.50	Spur, slopes NW.
30.40	Descend 400 ft. over SW. slope.
39.95	Gulch, course NW. Ascend 237 ft. over NE. slope. 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

$\frac{1}{4}$ S 25
S 36

1928

	from which, a juniper, 8 ins. diam., brs. N. $68\frac{1}{4}$ E., 25 lks. dist., marked $\frac{1}{4}$ S 25 B T. a juniper, 8 ins. diam., brs. S. 25° E., 56 lks. dist., marked $\frac{1}{4}$ S 36 B T.
40.60	Spur, slopes. NW.
44.90	Descend 329 ft. over NW. slope.
54.40	Drain, course NW.
57.90	Drain, 10 lks. wide, course NW. Ascend 84 ft. over NE. slope. Brushy ridge, bears SE. and NW.
61.90	Descend SW. slope.
74.20	Drain, course SW. Ascend NE. slope.
79.90	Rocky spur, slopes SE. Descend 99 ft. over SW. slope. The cor. of secs. 25, 26, 35 and 36. Land, mountainous. Soil, rocky 4th rate. Timber, fir, pine, cedar, juniper, pinon and oak. Undergrowth, manzanita, scrub oak and mesquite.

	N. $0^{\circ}1'$ W., bet. secs. 25 and 26. Over mountainous land, through heavy timber and dense undergrowth. Ascend 139 ft. over SW. slope.
9.45	Brushy spur, slopes W.
25.00	Descend 450 ft. over NW. slope, through dense under- growth.
39.50	Gulch, course SW.
40.00	Ascend 399 ft. over SE. slope., through scattering under- growth.
	Summit of ridge, bears SE. and NW. 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

$\frac{1}{4}$
S 26 | S 25

1928

	from which, a juniper 8 ins. diam., br. S. $88\frac{1}{2}$ E., 55 lks. dist., marked $\frac{1}{4}$ S 25 B T. a juniper, 8 ins. diam., brs. N. $89^{\circ}W.$, 34 lks. dist., marked $\frac{1}{4}$ S 26 B T.
41.50	Descend 36 ft. over NE. slope.
44.30	Drain, course NE.
50.50	Drain, course NE.
80.00	Descend abruptly 758 ft. over granite boulders, through heavy timber and dense undergrowth. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap

Survey of Subdivisions of T. 6 S., R. 20 E.

chains	T 6 S. R 20 E S 23 S 24 S 26 S 25 1928
	from which, a pinon, 6 ins. diam., brs. N.72°E., 49. lks. dist., marked T 6 S R 20 E S 24 B T. a juniper, 6 ins. diam., brs. S.41°E., 68 lks. dist., marked T 6 S R 20 E S 25 B T. a juniper, 6 ins. diam., brs. S.61 $\frac{1}{4}$ °W., 100 lks. dist., marked T 6 S R 20 E S 26 B T. a pinon, 8 ins. diam., brs. N.45 $\frac{1}{2}$ °W., 79 lks. dist., marked T 6 S R 20 E S 23 B T. Land, mountainous. Soil, rocky 4th rate.. Timber, pinon, juniper and oak. Undergrowth, manzanita, scrub oak and grass.
40.00	N.89°49'E., on random line, bet secs. 24 and 25. Set temp $\frac{1}{4}$ sec. cor..
79.80	Fall 4 lks. N. of true point for cor. of secs. 24 and 25, on E. bdy. of Tp., hereinbefore described. Thence, S.89°51'W., on a true line, bet. secs. 24 and 25. Over mountainous land, through heavy timber and dense undergrowth. Ascend 700 ft. over NE. slope.
28.80	Top of granite pinnacle 150 ft. high.
38.83	Descend 200 ft. over cliffs. 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
	S 24 WC $\frac{1}{4}$ — S 25 1928
	from which, a juniper, 12 ins. diam., brs. N.19°W., mkd. $\frac{1}{4}$ S 24 WC BT No other hearing trees available. Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high N. of cor. 39.90 True point for $\frac{1}{4}$ sec. cor. falls on solid rock, a place impracticable to set monument.
45.80	Ravine, course NE. Ascend SE. slope.
58.80	Divide bears NE and SW. Descend NW. slope.
65.80	Ravine, course N. Ascend 140 ft. over NE. slope.
72.35	Top of granite cliffs.. Descend 95 ft. over NW slope. of cliffs..
73.60	Ravine, course N.
79.80	The cor. of secs. 23, 24, 25 and 26. Land, mountainous. Soil, rocky 4th, rate. Timber, pine, pinon, oak and juniper. Undergrowth, manzanita and scrub oak.
	N.0°1'W., bet. secs. 23 and 24 Over mountainous land, through heavy timber and dense undergrowth. Descend 268 ft. over N. slope.
7.00	Ravine, course N. thence along ravine.
29.00	Leave ravine course N.20°W., corrals 100 ft. square brs. W. 3.00 chs. dist. Ascend 100 ft. over SW. slope.

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Survey of Subdivisions of T.6 S., R. 20 E.

CHAINS

34.00 Spur, slopes NW. Descend 134 ft. over N. slope.
 39.00 Wash, 20 lks. wide, course W.
 At campoint 2.16 chs. N.S. 5° 19' W. from true point for
 the $\frac{1}{4}$ sec. cor., set an iron post, 3 ft. long, 3 in. diam.,
 1 in. diam., 12 ins. in the ground to bed rock, raise
 a mound of stone, 4 ft. base 24 ins. high, for witness cor.
 to $\frac{1}{4}$ sec. cor., marked on brass cap

at WC
 $\frac{1}{4}$
 S 23 | S 24
 1928

from which,
 an oak, 6 ins. diam., brs. S. $23\frac{1}{2}^{\circ}$ E., .97 lks. dist.,
 marked $\frac{1}{4}$ S 24 W C B T.
 a cedar, 18 ins. diam., brs. N. $74\frac{1}{2}^{\circ}$ W., 41 lks. dist.,
 marked $\frac{1}{4}$ S 23 W C B T.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on solid rock, a place
 impracticable to set monument.
 Descend over broken W. slope..
 64.00 Descend 300 ft. over N. slope of cliffs.
 72.00 Creek, 10 lks. wide, course SE.
 72.10 Trail, brs. E. and W.
 76.00 Ravine, course SE.
 Ascend 80 ft. over SE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in
 the ground, for cor. of secs. 13, 14, 23 and 24, marked
 on brass cap

T6S R20E
 S14 | S13

 S23 S24
 1928

from which,
 a pinon, 8 ins. diam., brs. N. $68\frac{1}{2}^{\circ}$ E., 15 lks. dist.,
 marked T 6 S R 20 E S 13 B T.
 No other bearing trees available.
 Raise a mound of stone, 3 ft. base $2\frac{1}{2}$ ft. high W. of cor.
 Land, mountainous.
 Soil, rocky 4th rate.
 Timber, pinon, juniper cedar and oak.
 Undergrowth, manzanita and scrub oak.

40.00 N. $89^{\circ} 51' E.$, on random line, bet secs. 13 and 24.
 80.04 Set temp $\frac{1}{4}$ sec. cor.
 Fall 15 lks. N. of the cor. of secs. 13 and 24, on E. bdy.
 of Tp. hereinbefore described.
 Thence,
 S. $89^{\circ} 53' W.$, on a true line, bet. secs. 13 and 24.
 Over mountainous land, through scattering timber and
 undergrowth.
 7.00 Ravine, course SE.
 Ascend 221 ft. over NE. slope.
 40.02 True point for $\frac{1}{4}$ sec. cor. falls on solid rock, a place
 impracticable to set monument.
 At a point 13 lks. N. of true point for $\frac{1}{4}$ sec. cor.,
 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
 ground, to bed rock, raise a mound of stone around post,
 4 ft. base 28 ins high, for witness cor. to $\frac{1}{4}$ sec. cor., marked
 on brass cap

S 13
 $\frac{1}{4}$ ---
 S 24
 WC
 1928

	from which, an oak, 6 ins. diam., brs. N.57°E., 36 lks.dist., marked $\frac{1}{4}$ S 13 W C B T. a juniper, 8 ins. diam., brs. S.32 $\frac{1}{2}$ °W., 54 lks. dist., marked $\frac{1}{4}$ S 24 W C B T.
43.50	Ascend 181 ft. over broken SE. slope. Low spur, slopes S.
48.50	Descend SW. slope. Ravine, course SE.
59.55	Ascend 181 ft. over NE. slope. Spur, slopes S.
67.00	Descend 184 ft. over SW. slope. Wash 30 lks. wide, course SE.
76.50	Ascend 220 ft. over NE. slope. Spur, slopes SE.
80.04	Descend 75 ft. over SW. slope. The cor. of secs. 13, 14, 23 and 24. Land, mountainous. Soil, rocky 4th rate. Timber, pinon, juniper, cedar. and oak. Undergrowth, manzanita and scrub oak.
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	N.0°1'W., bet secs. 13 and 14. Over mountainous land, through scattering timber and undergrowth.
3.50	Ascend 364 ft. over SE. slope. Ravine, course SW.
5.00	Point of spur, slopes SE.
8.00	Descend 165 ft. over NE. slope. Ravine course SE.
17.00	Ascend SW. slope. Spur, slopes SE.
22.00	Ravine, course E.. Ascend 6 ft.
26.50	Ridge, bears E and W.
37.00	Descend 293 ft. NW. sl pe. Ravine, course NW.
40.00	True point for $\frac{1}{4}$ sec. cor. falls on solid rock, top of rocky spur, slopes NW. a place impracticable to set monument.
41.00	Head of ravine, course NE.
42.90	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
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	$\frac{1}{4}$ S 14 S 13 WC 1928
	from which, a juniper 8 ins. diam., brs. S.46°E., 155 lks.dist., marked $\frac{1}{4}$ S 13 W C B T. a juniper, 8 ins. diam., brs. N.40°W., 111 lks. dist., marked $\frac{1}{4}$ S 14 W C B T.
45.00	Ascend 150 ft. over cliffs. Top of pinnaclete.
63.00	Descend 640 ft. over NE. slope.. Black Rock Creek, 40 lks. wide, running water, 5 lks. wide, course E.
73.30	Ascend 134 ft. over NW. slope. Top of lime stone hill slopes SE.
75.70	Descend 50 ft. over NE. slope. Trail, bears E and W., in drain course SE.
80.00	Ascend 50 ft. over SE. slope. Set an iron post, 3 ft. long, 2 ins.diam. 16 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base 20 ins. high, for cor. of secs. 11, 12, 13 and 14, marked on brass cap

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Survey of Subdivisions of T.6 S., R. 20 E.

	chains	T6S R20E S11 S12 +----- S14 S13 1928
		from which, a juniper, 10 ins. diam., brs. N.25°E., 53 lks. dist., marked T 6 S R 20 E S 12 B T. a pinon, 8 ins. diam., brs. S.39 $\frac{1}{2}$ °W., 126 lks. dist., marked T 6 S., R. 20 E.S 14 B T. Land, mountainous. Soil, rocky 4th rate. Timber, juniper oak and sycamore. Undergrowth, manzanita and scrub oak.

40.00		N.89°53'E., on random line, bet secs. 12 and 13. Set temp + sec. cor.
79.98		Fall 11 lks.. S. of the cor. of secs. 12 and 13 on E. bdy. of Tp., hereinbefore described. Thence, S.89°48'W., on true line, bet secs. 12 and 13. Over mountainous land, through scattering timber and undergrowth. Descend 277 ft. over SW. slope. Deep rocky ravine, course S.
6.98		Ascend 314 ft. over SE. slope. Spur, slopes S.
15.98		Descend 200 ft. over SW. slope. Ravine, course S.
23.98		Ascend 104 ft. over SE. slope. Spur, slopes S.
29.48		Descend 147 ft. over SW. slope. 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
		S 12 $\frac{1}{4}$ ----- S.13 1928
		from which a pinon, 12 ins. diam., brs. N.19°E., 201 lks.dist., marked S 12 B T. a pinon, 6 ins. diam., brs. S.39 $\frac{1}{2}$ °E., 53 lks.dist., marked S 13 B T. Descend 80 ft. over SW. slope. Ravine, course SE.
42.98		Ascend 155 ft. NE. slope. Spur, slopes S.
51.48		Descend 154 ft. over NE. slope. Ravine, course SE.
66.98		Ascend 100 ft. over NE. slope. Spur, slopes SE.
73.98		Descend 93 ft. over SW. slope. The cor. of secs. 11, 12, 13 and 14 Land, mountainous.. Soil, rocky 4th rate. Timber, scattering, cedar pinon, juniper and oak. Undergrowth, scattering manzanita and scrub oak.

1.00		N.0°1'W., bet secs. 11 and 12. Over mountainous land, through scattering timber and undergrowth. Along E. side of ravine. Leave ravine, course SE.
12.00		Ascend 204 ft. over SW. slope. Spur, slopes SE.

Survey of Subdivisions of T. 6 S., R. 20 E.

33

chains 19.20	Descend 60 ft. over NE. slope. Ravine, course SE. Ascend 100 ft. over broken SE. slope.
30.00	Spur, slopes SW. Descend 74 ft. over NW. slope through dense manzanita.
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
	$\frac{1}{4}$ S11 S12 1928
	from which, a pinon, 8 ins. diam., brs. N. $56\frac{1}{2}^{\circ}$ E., 81 lks. dist., marked $\frac{1}{4}$ S 12 B T. a pinon 8 ins. diam., brs. N. 89° W., 83 lks. dist., marked $\frac{1}{4}$ S 11 B T.
43.00	Thence along W. slope.
49.00	Ascend 170 ft. over SW slope.
52.00	Spur, slopes W., thence along W. slope.
56.00	Ravine, course W.
61.00	Spur, slopes W.
68.00	Descend 100 ft. over NW. slope.
80.00	Gulch, 10 lks, wide course SW. Ascend 426 ft. over SE. slope. Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 3 ft. base, 22 ins. high, for cor. of secs. 1, 2, 11 and 12, marked on brass cap
	T6S R20E S 2 S 1 S11 S12 1928
	from which, a pinon, 8 ins. diam. brs. S. $37\frac{3}{4}^{\circ}$ E., 300 lks. dist., marked T 6 S R 20 E S 12 B T. a pinon, 8 ins. diam., brs. N. $69\frac{3}{4}^{\circ}$ W., 90 lks. dist., marked T 6 S R 20 E S Z B T. No other bearing trees available. Land, mountainous. Soil, rocky 4th, rate. Timber, scattering cedar, pinon and oak. Undergrowth, manzanita and scrub oak.
40.00	N. $89^{\circ}48' E.$, on random line, bet secs. 1 and 12.
79.90	Set temp $\frac{1}{4}$ sec. cor. Fall 9 lks. N. of the cor. of secs. 1 and 12 on E. bdy. of Tp., hereinbefore described
39.95	Thence, S. $89^{\circ}52' W.$, on true line, bet. secs. 1 and 12. Over mountainous land, through scattering timber and undergrowth. Descend 355 ft. over gradual SW. slope. 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

$\frac{1}{4}$ S 1
 |
 S12
 1928

34

Survey of Subdivisions of T. 6 S., R. 20 E.

chains	from which a pinon, 6 ins. diam., brs. N. $49\frac{1}{2}$ ^o E., 112 lks. dist., marked $\frac{1}{4}$ S 1 B T. a pinon, 6 ins. diam., brs. S. $20\frac{1}{2}$ ^o W., 27 lks. dist., marked $\frac{1}{2}$ S 12 B T.
44.10	Ravine, course SE. Ascend 144 ft. over NE. slope.
48.90	Spur, slopes SE. Descend 52 ft. over SW. slope.
55.30	Ravine, course SE. Ascend 124 ft. over NE. slope.
61.40	Spur, slopes SE. Descend 138 ft. over SW. slope.
67.30	Ravine, course SE. Ascend 86 ft. NE. slope.
75.90	Ravine, course S.
79.90	The cor. of secs. 1, 2, 11 and 12. Land, mountainous. Soil, rocky 4th rate. Timber, scattering cedar, pinon and oak. Undergrowth, scattering manzanita, mesquite, catclaw and scrub oak..
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6.00	N. $0^{\circ}1'W.$, on true line, bet. secs. 1 and 2. Over mountainous land, through scattering timber and undergrowth. Ascend 90 ft. over SW. slope.
14.00	Spur, slopes W. Descend 202 ft. over NW. slope.
23.20	Ravine, course SW.
31.00	Spur, slopes SW.
35.00	Drain course W. Spur, slopes SE. Descend 65 ft. over NE. slope.
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
	$\frac{1}{4}$ S2 S1 1928
41.00	No bearing trees available. Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Head of drain course E. Ascend 489 ft. over SW. slope.
55.70	Ravine, course SE.
61.50	Spur, slopes SE.
65.30	Ravine, course SE.
74.60	Intersect N. bdy. of Tp. (1st. Standard Parallel South) at a point 12.45 chs. E. of the standard $\frac{1}{4}$ sec. cor. of sec. 35. hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone, 3 ft. base 22 ins. high ^{around post} for closing cor. of secs. 1 and 2, marked on brass cap
	T5S R20E .S 35 S 2 S 1 C C T6SR20E 1928
	No bearing trees available. Land, mountainous. Soil, rocky 4th rate. Timber, scattering, cedar and pinon. Undergrowth, scattering mesquite and manzanita.

Survey of subdivisions of T.6 S., R. 20 E.

35

chains	From the cor. of secs. 34 and 35 on the S. bdy. of Tp., hereinbefore described. N.0°1'W., bet secs. 34 and 35 Over rolling land through scattering undergrowth. Drain, course NW. Spur, slopes W. Drain, course W. Ascend 87 ft. over SW. slope. Spur, slopes W. Descend 200 ft. over NW. slope. Ravine, course SW. Ascend 186 ft. over SW. slope. Spur, slopes SW. Descend 15 ft. over NW. slope. Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, deposit a stone marked with a cross (x) a base of post, raise a mound of stone around post, 3 ft. base, 20 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ S34 S35 1928
	from which, a juniper 8 ins. diam., brs. N.76 $\frac{1}{2}$ °W., 429 lks. dist., marked $\frac{1}{4}$ S 34 B.T. No other bearing trees available. From $\frac{1}{4}$ sec. cor., cor. No.4 "Santa Clara", patented mineral claim, brs. N.35°29'W., 14.75 chs. dist. (Survey 3303)
41.00	Spur, slopes NW. Descend 29 ft.
45.20	Wash, 20 lks. wide, course W. Ascend 72 ft. over SW. slope.
52.01	Cor. No. 4, "Santa Clara", patented mineral claim, brs. W., 8.56 chs. dist. (Survey 3303)
55.00	Low spur, slopes W.
60.80	Descend 60 ft. over NW. slope.
67.00	Wash, 100 lks. wide, course SW.
80.00	Ascend 265 ft. over SW. slope, of cliffs. Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base, 22 ins. high, for cor. of secs. 26, 27, 34 and 35, marked on brass cap
	T6S R20E. S27 S26 + S34 S35 1928
	from which, a pinon, 6 ins. diam., brs. N.32°E., 101 lks. dist., marked T 6 S R 20 E S 26 B T. a pinon, 12 ins. diam., brs. S.61 $\frac{1}{2}$ °E., 30 lks. dist., marked T 6 S R 20 E S 35 B T. a pinon 8 ins. diam., brs. S.74°W., 55 lks. dist., marked T 6 S R 20 E S 34 B T. a pinon, 6 ins. diam., brs. N.48 $\frac{1}{2}$ °W., 21 lks. dist., marked T 6 S R 20 E S 27 B T. Land, rolling and mountainous. Soil, rocky 4th rate. Timber, scattering cedar pinon, and oak. (N $\frac{1}{2}$) Undergrowth, scattering mesquite .
40.00	----- East, on a random line, bet secs. 26 and 35. Set tempo $\frac{1}{4}$ sec. cor.

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Survey of Subdivisions of T.6 S., R. 20 E.

chains	
30.22	Fall 2 lks. N. of the cor. of secs. 25, 26, 35 and 36 Thence, N. $89^{\circ}59'W.$, on true line, bet. secs. 26 and 35.. Over mountainous land through scattering timber and undergrowth. Descend 807 ft. over NW. slope. Wash, 40 lks. wide, course SW.
34.00	Ascend 82 ft. over SE. slope.
37.00	Spur, slopes, S. Descend 40 ft. over SW. slope.
38.00	Drain, course S. Ascend 20 ft. over SE. slope.
40.11	Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground to bed rock, raise a mound of stone around post, 4 ft, base 32 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S 26 S 35 1928
	from which, a pinon 6 ins. diam., brs. S. $60^{\circ}E.$, 150 lks. dist., marked $\frac{1}{4}$ S 35 B T. a pinon, 8 ins. diam., brs. N. $37^{\circ}7'.$, 76 lks. dist., marked $\frac{1}{4}$ S 26 B T.
41.22	Ascend 20 ft. over SE. slope. Spur, slopes S. Descend 100 ft. over SW. slope.
46.22	Wash, 40 lks. wide, course S. Ascend 100 ft. over SE. slope.
50.72	Spur, slopes S. Descend 50 ft. over SW. slope.
53.22	Wash, 30 lks. wide, course S. Ascend 300 ft. over SE. slope.
74.22	Rocky spur, slopes S. Descend 150 ft. over SW. slope.
80.22	The cor. of secs. 26, 27, 34 and 35. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering, cedar, pinon, juniper and oak. Undergrowth, scattering, manzanita, mesquite, and scrub oak.
	N. $0^{\circ}1'W.$, bet secs. 26 and 27. Over mountainous land, through scattering timber and undergrowth. Ascend 583 ft. over broken SW. slope. Rocky spur, slopes SE. Descend 113 ft. over rocky NE. slope. Ascend 160 ft. over SE. slope of cliffs. True point for $\frac{1}{4}$ sec. cor. falls on E. face, of cliff 40 ft. high, on spur, ridge NE and SW., a place impracticable to set monument. Descend 40 ft. over N. slope. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base 24 ins. high, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S27 S26 WC 1928

from which,
a cedar, 8 ins. diam., brs. S. $81\frac{1}{2}^{\circ}E.$, 28 lks. dist.,

Survey of Subdivisions of T. 6 S., R. 20 E.

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chains	marked $\frac{1}{4}$ S 26 W C B T. a pinon, 6 ins. diam., brs. S.47 $\frac{3}{4}$ °W., 25 lks.dist., marked $\frac{1}{4}$ S 27 W C B T. Descend 245 ft. over N. slope. Thence along E. slope. Wash, 15 lks. wide, course NW. Ascend 92 ft. over SW. slope, Spur, slopes NW. Descend 234 ft. over NE. slope. Wash, 30 lks. wide, course SE. Ascend 354 ft. over SW. slope. Spur, slopes SE. Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bed rock, raise a mound of stone around post, 4 ft, base 16 ins. high, for cor. of secs. 22, 23, 26 and 27, marked on brass cap
44.78	T6S R20E S22 S23 — S27 S26 1928
53.13	from which, a pinon, 6 ins. diam., brs N.45 $\frac{3}{4}$ °E., 74 lks.dist., marked T 6 S R 20 E S 23 B T.
60.78	a white oak, 3 ins. diam., brs. S.61°E., 12 lks.dist., marked B T only.
68.64	a cedar, 10 ins. diam., brs. S.18 $\frac{1}{2}$ °W., .7 lks. dist., marked T 6 S R 20 E S 27 B T.
79.50	a pinon, 6 ins. diam., brs. N.50°W., 76 lks.dist., marked T 6 S R 20 E S 22 B T.
60.00	Land, mountainous. Soil, rocky 4th, rate. Timber, scattering cedar, pinon and oak. Undergrowth, scattering manzanita, mesquite and grass.
40.00	S.89°59' E., on random line, bet. secs. 23 and 26. Set temp $\frac{1}{4}$ sec. cor.
80.26	Intersect the cor. of secs. 23, 24, 25 and 26, $\frac{1}{4}$ sec. cor. Thence, N.89°59' W., on true line, bet. secs. 23 and 26. Over mountainous land, through scattering timber and undergrowth.
2.00	Ascend 50 ft. over NE. slope. Low sour, slopes N.10°W.
7.00	Descend 200 ft. over NW. slope. Ravine, course N.
40.13	Ascend 650 ft. over NE. slope. 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
	S 23 $\frac{1}{4}$. — S 26 1928
	from which, a juniper, 9 ins. diam., brs. S.15°E., 16 lks.dist., marked $\frac{1}{4}$ S 26 B T. a juniper, 6 ins. diam., brs. N.49°W., 14 lks. dist., marked $\frac{1}{4}$ S 23 B T.
42.00	Ravine, course NE. Ascend 250 ft. over NE. slope,
49.50	Sour, slopes NE. Descend 150 ft. over NW. slope.
60.00	Gulch, 100 lks. wide, course NE.

Survey of Subdivisions of T.6 S., R. 20 E.

chains 61.00	Trail, bears NE and SW. Ascend 350 ft. over SE. slope.
80.26	The cor. of secs. 22, 23, 26 and 27. Land, mountainous. Soil, rocky 4th, rate. Timber, scattering, cedar pinon and juniper. Undergrowth, scattering scrub oak and manzanita.
	<hr/>
8.00	N.0°1'W., bet. secs. 22 and 23.
15.00	Over mountainous land, through scattering timber and undergrowth. Ascend SE. slope.
40.00	Ravine, course SE. Spur, slopes E. Descend 550 ft. over NE. slope. of slide rock. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base, 16 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S22 S23 1928
44.00	from which, a pinon, 8 ins. diam., brs. S.60°E., 59 lks. dist., marked $\frac{1}{4}$ S 23 B T.
54.00	a pinon, 8 ins. diam., brs. N.50°W., 45 lks. dist., marked $\frac{1}{4}$ S 22 B T.
65.00	Descend 212 ft. over NE. slope. Ravine, course NE.
78.50	Ravine, course E. Ascend 230 ft. over SE. slope.
79.00	Spur, slopes E. Descend 280 ft. over NE. slope.
80.00	Wash, 20 lks. wide, course E. Trail, bears E and W. Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 14, 15, 22 and 23, marked on brass cap
	T6S R20E S15 S14 + S22 S23 1928
40.00	from which, a double juniper, 24 ins. diam., brs. S.40°E., 95 lks. dist., marked T 6 S R 20 E S 23 B T.
80.00	a double juniper, 18 ins. diam., brs. S.60°W., 136 lks. dist., marked T 6 S R 20 E S 22 B T. No other bearing trees available. Raise a mound of stone, 3 ft. base 2 ft. high, W. of cor. Land, mountainous. Soil, rocky 4 th, rate. Timber, scattering, cedar pinon, juniper and oak. Undergrowth, scrub oak and manzanita.
	<hr/>
5.89°59'E., on random line, bet. secs. 14 and 23. Set temp $\frac{1}{4}$ sec. cor. Intersect the cor. of secs. 13, 14, 23 and 24, Thence, N.89°59'W., on true line, bet. secs. 14 and 23. Over mountainous land, through, scattering timber and	

Survey of Subdivisions of T. 6 S. R. 20 E.

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chains undergrowth.
 30.75 Ascend 750 ft. over broken SE. slope.
 At a point 58 lks S. 27° 54' E. from point for $\frac{1}{4}$ sec. cor., set an iron post, 3 ft. long, 1 in. diam., on solid rock, mark a cross (x) at base of post, raise a mound of stone around post, 6 ft. base, 36 ins. high, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap.

WC
 $\frac{1}{4}$
 S 14
 S 23
 1928

No bearing trees available.
 40.00 True point for $\frac{1}{4}$ sec. cor. falls on sloping rock surface a place impracticable to set monument, therefore establish witness cor. as described above. Desc. 200 ft. over SW. slope.
 45.00 Draw, course SE.
 Ascend 200 ft. over SE. slope.
 50.00 Rocky spur, slopes.. SE.
 Descend 254 ft. over SW. slope.
 73.50 Holdout Creek, (dry) 20 lks. wide, course SE.
 Thence along creek.
 77.00 Trail bears. NW. and SE.
 77.40 Leave Holdout Creek, 20 lks wide, Course NE.
 80.00 The cor. of secs. 14, 15, 22 and 23.
 Land, mountainous.
 Soil, rocky 4th, rate.
 Timber, scattering pinon, oak and juniper.
 Undergrowth, scattering manzanita and scrub oak.

N. 0° 1' W., bet secs. 14 and 15.
 Over mountainous land, through scattering timber and undergrowth.
 Ascend 640 ft. over SW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, raise a mound of stone, around post, 3 ft. base, 22 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S15 | S14
 1928

from which,
 a pinon, 5 ins. diam., brs. S. 64 $\frac{1}{4}$ ° E., 47 lks. dist.; marked $\frac{1}{4}$ S 14 B T.
 a pinon, 6 ins. diam., brs. S. 10° W., 67 lks. dist., marked $\frac{1}{4}$ S 15 B T.
 40.50 Spur ridge, brs. NE. and SW.
 Descend 800 ft. over NE. slope. of cliffs.
 75.00 Ravine course NW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bed rock, raise a mound of stone around post, 4 ft. base, 28 ins. high, for cor. of secs. 10, 11, 14 and 15, marked on brass cap

T6S R20E
 S10 | S11
 S15 | S14
 1928

from which,

40

Survey of Subdivisions of T. 6 S., R. 20 E.

chains.	a pinon, 8 ins. diam., brs. N. $69\frac{1}{2}$ ^o E., 59 lks. dist., marked T 6 S R 20 E S 11 B T. a pinon, 10 ins. diam., brs. S. $65\frac{1}{2}$ ^o E., 120 lks. dist., marked T 6 S R 20 E S 14 B T. a cedar, 8 ins. diam., brs. S. $50\frac{1}{2}$ ^o W., 203 lks. dist., marked T 6 S R 20 E S 15 B T. a pinon, 8 ins. diam., brs. N. $10\frac{1}{2}$ ^o W., 87 lks. dist., marked T 6 S R 20 E S 10 B T. Land, mountainous. Soil, rocky 4th, rate. Timber, scattering, cedar, pinon and oak. Undergrowth, scattering manzanita and scrub oak.
---------	--

S. $89^{\circ}59'$ E. on random line, bet secs. 11 and 14.
Set temp $\frac{1}{4}$ sec. cor.

Fall 7 lks. S. of the cor. of secs. 11, 12, 13 and 14.
Thence,

S. $89^{\circ}58'$ W., on truecline, bet. secs. 11 and 14.
Over mountainous land, through scattering timber and undergrowth.

Ascend 36 ft. over E. slope.

Low spur, slopes S.

Descend 30 ft. over SW. slope.

Trail, bears SE and NW.

Thence over rolling S. slope through scrub oak.

Drain, course SE.

Ascend 63 ft. over gradual SE. slope.

Low spur, slopes SE.

Descend 117 ft. over SW. slope.

Creek, 5 lks. wide, course SE.

Ascend 410 ft. over steep rocky E. slope.

Spur, slopes SE. descend 90 ft.

Set an iron post, 5 ft. long, 1 in. diam., 7 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 29 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

S 11
 $\frac{1}{4}$ —————
S 14
1928

No bearing trees available.

Ascend 54 ft. over SE. slope.

40.40 Ravine, course SE.

43.40 Spur, slopes S.

47.00 Descend 46 ft. over SW. slope.

50.00 Ravine course SE.

75.00 Ascend 241 ft. over NE. slope.

Spur, slopes N.

Descend 146 ft. over NW. slope.

80.08 The cor. of secs. 10, 11, 14 and 15.

Land, mountainous.

Soil, decomposed granite 4th, rate.

Timber, scattering pinon, juniper, cedar and oak.

Undergrowth, scattering manzanita, mesquite and catclaw.

Survey of Subdivisions of T.6 S., R. 20 E.

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chains	N.0°1'W., bet secs. 10 and 11. Over mountainous land, through scattering timber and undergrowth.
2.50	Descend 100 ft. over NW. slope.
8.40	Ravine, course NE.
10.00	Ascend 50 ft. over SE. slope.
	Spur, slopes NE.
29.30	Descend NW. slope.
	Black Rock Creek, 40 lks. wide, (stream 5 lks.wide) course E.
30.50	Trail, bears E and W., corrals bears 5 chs. W.
31.00	Ascend 174 ft. over SW. slope.
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

$\frac{1}{4}$
S10 | S11
1928

	from which, a pinon, 6 ins. diam., brs. S.70°E., 135 lks. dist., marked $\frac{1}{4}$ S 11 B T.
	a pinon, 8 ins. diam., brs. N.75°W., 64 lks.dist., marked $\frac{1}{4}$ S 10 B T.
41.00	Spur, slopes SE.
	Descend 30 ft. over NE. slope.
44.00	Ravine, course SE.
	Ascend 121 ft. over SW. slope.
51.20	Spur, slopes SE.
	Descend 280 ft. over brushy NE. slope.
75.50	Creek, 5 lks. wide course SE.
76.00	NE. cor. of wire corral 50 ft. square.
80.00	Ascend 69 ft. over SW. slope.
	Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap.

T6S. R20E
S 3 | S 2
S10 | S11
1928

from which,
an oak, 6 ins. diam., brs. S.5°E., 142 lks.dist.,
marked T 6 S R 20 E S 11 B T.
a juniper, 6 ins. diam., brs. S.6°W., 105 lks.dist.,
marked T 6 S R 20 E S 10 B T.
a pinon, 6 ins. diam., brs. N.26°W., 31 lks.dist.,
marked T 6 S R 20 E S 3 B T.
No other bearing tree available.
Raise a mound of stone, 3 ft. base $2\frac{1}{2}$ ft. high, N. of cor.
Land, mountainous.
Soil, rocky 3rd and 4th rate.
Timber, scattering pinon, cedar, sycamore, oak and juniper.
Undergrowth, manzanita and scrub oak.

40.00	N.89°58'E., on a random line, bet secs. 2 and 11. Set temp $\frac{1}{4}$ sec. cor.
80.08	Fall 7 lks. N. of the cor. of secs. 1, 2, 11 and 12. Thence, N.89°59'W., on true line, betsecs. 2 and 11. Over mountainous land, through scattering timber and undergrowth.
15.08	Descend 540 ft. over NW. slope. Gulch, course SE.
	Ascend 450 ft. over NE. slope.
33.08	Spur, slopes SE. Descend 123 ft. over SW. slope.

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Survey of Subdivisions of T.6 S., R. 20 E.

chains 40.04	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
	S 2 $\frac{1}{4}$ S 11 1928
	from which, a juniper, 6 ins. diam., brs. S. $32\frac{1}{4}$ ° W., 81 lks. dist., marked $\frac{1}{4}$ S 11 B T. a juniper, 8 ins. diam., brs. N. $8\frac{3}{4}$ ° W., 68 lks. dist., marked $\frac{1}{4}$ S 2 B T.
42.08	Ravine, course SW. Ascend 170 ft. over brushy SE. slope.
65.08	Spur, slopes SE. Descend 275 ft. over SW. slope.
80.08	The cor. of secs. 2, 3, 10 and 11. Land, mountainous. Soil, rocky 3rd and 4th, rates. Timber, scattering pinon, juniper, oak, and fir. Undergrowth, scattering manzanita and scrub oak.
	N.0°1' W., on true line, bet. secs. 2 and 3. Over rolling mountainous land, through scattering undergrowth.
8.70	Ascend 134 ft. over SW. slope. Spur, slopes W.
14.10	Descend along W. slope. Ravine, course SW.
21.90	Ascend 488 ft. over SE. slope.
25.00	Spur, slopes E.
30.40	Same ravine, course SE.
40.00	Bend in same ravine, course SW.: from NE. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 18 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S 3 S 2 1928
	No bearing trees available. Ascend 266 ft. over SW. slope.
53.00	Spur, slopes SE, thence along brushy NE. slope.
74.50	Intersect N.bdy. of Tp. (1st, Standard Parallel South) at a point 12.40 chs.E. of the standard $\frac{1}{4}$ sec. cor. of sec. 34 hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for closing cor. of secs. 2 and 3, marked on brass cap
	T5SR20E S 34 S 3 S 2 C C T6SR20E 1928
	from which,

Survey of Subdivisions of T.6 S., R.20 E.

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chains	a juniper 8 ins. diam., brs. S. $46\frac{1}{4}$ ^o E., 117 lks. dist., marked T 6 S R 20 E S 2 C C B T. a pinon, 12 ins. diam., brs. S. 8° W., 381 lks. dist., marked T 6 S R 20 E S 3 C C B T. Land, rolling and mountainous. Soil, rocky 3rd and 4th, rates. Timber, scattering pinon and juniper. Undergrowth, scattering manzanita and scrub oak.
.	-----
.66	From cor. of secs. 33 and 34 on S. bdy of Tp., herein-before described.
4.30	N. $0^{\circ}2'W.$, bet secs. 33 and 34.
14.07	Over rolling land, through scattering undergrowth.
17.68	Descend 130 ft. over NW. slope.
19.44	Wire fence, bears E and W.
21.91	Wash, 10 lks. wide course SW.
25.56	Ascend 123 ft. over SE. slope.
31.50	Ridge, bears NE and SW.
32.38	Descend NW. slope 96 ft.
33.00	Wash, 5 lks. wide, course NW.
34.19	Low spur, slopes NW.
40.00	Descend 354 ft. over NE. slope.
44.54	Cor. No. 3, "Pittsburg No. 2" identical with cor. No. 2, "Pittsburg No. 1", patented mineral claims, brs. N. $84^{\circ}52'W.$, 1.91 chs. dist. (Survey 3303)
50.17	Cor. No. 2, "Pittsburg No. 2", patented mineral claim, brs. S. $84^{\circ}52'E.$, 7.05 chs. dist. (Survey 3303)
53.70	Creek, 20 lks. wide, 4 ins. deep, course NW.
80.00	Ascend 34 ft. over SE. slope.
	Spur, slopes SE.
	Descend 101 ft. over NE. slope.
	Same creek, 20 lks. wide, 4 ins. deep course SE.
	Ascend 15 ft.
	Low spur, slopes W.
	Descend 15 ft.
	Same creek, 20 lks. wide 4 ins. deep course SW.
	Ascend 149 ft. over SE. slope.
	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone, around post, 3 ft. base 24 ins. high for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$
	S33 S34
	1928
	No bearing trees available.
	Ascend 74 ft. over SE. slope.
	Spur ridge slopes SW.
	Descend 87 ft. over NW. slope.
	Wash, 15 lks. wide, course W.
	Ascend 875 ft. over SW. slope of rough mountainous land.
	Cor. No. 1, "Walker," identical with cor. No. 4, "San Joaquin" patented mineral claims, brs. S. $84^{\circ}52'E.$, 5.20 chs. dist. (Survey 3303)
	Cor. No. 4, "Walker," patented mineral claim, brs. N. $84^{\circ}52'W.$, 17.73 chs. dist. (Survey 3303)
	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 27, 28, 33 and 34 marked on brass cap

Survey of Subdivisions of T.6 S., R. 20 E.

chains	
	T6S R20E S28 S27 ----- S33 S34 1928
	from which, a pinon, 8 ins. diam., brs. N. $51\frac{1}{4}$ ° E., 45 lks. dist., marked T 6 S R 20 E S 27 B T. a pinon, 8 ins. diam., brs. S. $28\frac{3}{4}$ ° E., 154 lks. dist., marked T 6 S R 20 E S 34 B T. a pinon, 6 ins. diam., brs. S. $82\frac{1}{4}$ ° W., 30 lks. dist., marked T 6 S R 20 E S 33 B T. a pinon, 3 ins. diam., brs. N. 42° W., 197 lks. dist., marked T 6 S R 20 E S 28 B T. Land, rolling and mountainous. Soil, gravelly and rocky 3rd and 4th, rates. Timber, scattering pinon and cedar. (N $\frac{1}{2}$) Undergrowth, yucca and bear grass.
40.00	East, on a random line, bet. secs. 27 and 34. Set temp $\frac{1}{4}$ sec. cor.
79.70	Fall 7 lks. N. of the cor. of secs. 26, 27, 34 and 35. Thence, N. $89^{\circ}57'$ W., on true line, bet. secs. 27 and 34. Over rough mountainous land, through scattering timber and undergrowth. Descend 150 ft. over SW. slope. Wash, 20 lks. wide, course SE.
4.95	Ascend 580 ft. over SE. slope of cliffs.
16.60	Top of rocky butte.
39.85	Descend 755 ft. over SW. slope. 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
	S. 27 $\frac{1}{4}$ ----- S. 34 1928
51.00	from which, an oak, 8 ins. diam., brs. S 76° W., 32 lks. dist., marked $\frac{1}{4}$ S 34 B T. an oak, 8 ins. diam., brs. N. 50° E., 22 lks. dist., marked $\frac{1}{4}$ S 27 B T. U.S.L.M No. 3303 brs. S. $34^{\circ}34'$ W., 27.83 chs. dist. Descend 200 ft. over SW. slope.
58.00	Foot of cliffs brs. N and S. Wash, 100 lks. wide, course SE.
79.70	Ascend 690 ft. over SE. slope of cliffs. The cor. of secs. 27, 28, 33 and 34. Land, mountainous. Soil, rocky 4th, rate. Timber, scattering pinon oak and juniper. Undergrowth, scattering, scrub oak and grass.
.88	N. $0^{\circ}2'$ W., bet secs. 27 and 28 Over rough mountainous land, through scattering timber and undergrowth. Ascend 35 ft. over SW. slope. Rocky spur, slopes SE.
23.69	Descend 106 ft. along broken NE. slope. Wash, 15 lks wide, course SE.
35.03	Ascend 263 ft. over S. slope. Spur, slopes W.
38.02	Head of wash 10 lks wide, course W. Descend 199 ft. over NW. slope.

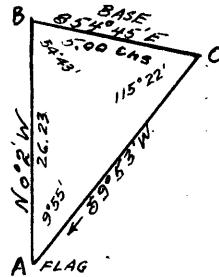
Survey of Subdivisions of T. 6 S. R. 20 E.

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chains
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, raise a mound of stone around post, 5 ft. base 24 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ \text{S28} | \text{S27} \\ 1928 \end{array}$$

from which,
a pinon, 12 ins. diam., brs., S. 11° E., 20 lks. dist., marked $\frac{1}{4}$ S 27 B T.
a pinon, 10 ins. diam., brs. S. $32\frac{1}{2}^{\circ}$ W., 45 lks. dist., marked $\frac{1}{2}$ S 28 B T.
Ascend 276 ft. over SE. slope.
Rocky spur, slopes W.
On account of precipitous slopes over which it is impracticable to chain, triangulate as follows:
Set flag "A" on section line at this point. Proceed to point "B" ahead on section line, the vertical to which from flag "A" is +2'. From point "B" measure a base S. $54^{\circ}45' E.$, 5.00 chs. to point "C" on section line, the vertical to which from flag "A" is -2'. From point "C" the flag "A" bears S. $9^{\circ}53' W.$. All bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by direct measurement =	48.35 chs.
Dist. by triangulation =	<u>26.23</u>
	74.58 "

63.00 Descend 616 ft. over rocky NW. slope.
(approximate dist.) Wash, 15 lks. wide, course SW.
Ascend 678 ft. over rocky SW. slope.
74.58 Triangulation point "B" on rocky ridge, bears E and W.
80.00 Descend 190 ft. over NE. slope of cliffs.
Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base 32 ins. high, for cor. of secs. 21, 22, 27 and 28, marked on brass cap

$$\begin{array}{c} \text{T6S R20E} \\ \text{S21} | \text{S22} \\ \hline \text{S28} | \text{S27} \\ 1928 \end{array}$$

from which,
a pinon, 6 ins. diam., brs. S. $1^{\circ} W.$, 31 lks. dist., marked T 6 S R 20 E S 28 B T.
a pinon, 6 ins. diam., brs. N. $32\frac{1}{2}^{\circ}$ W., 35 lks. dist., marked T 6 S R 20 E S 21 B T.

Land, rough mountainous.

Soil, rocky 4th, rate.

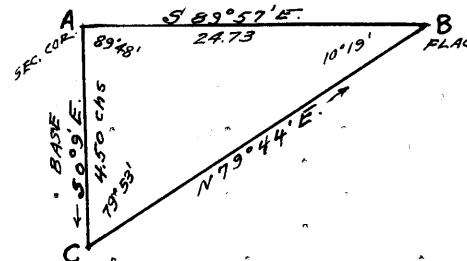
Timber, scattering pinon cedar and oak.

Undergrowth, scattering manzanita and scrub oak.

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Survey of Subdivisions of T.6 S., R 20 E.

chains S. $89^{\circ}57' E.$, on a random line, bet secs. 22 and 27. On account of precipitous slopes over which it is impracticable to chain, triangulate as follows:
 Designate the cor. of secs. 21, 22, 27 and 28, point "A" and set a flag "B" ahead on line, vertical angle $+12^{\circ}$. From point "A" measure a base S. $0^{\circ}9' E.$, 4.50 chs. dist., to point "C" from which flag "B" bears N. $79^{\circ}44' E.$, All bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by triangulation = 24.73 chs.
 Triang. point. Continue line & measurement by chaining.
 Set temp $\frac{1}{4}$ sec. cor.
 Intersect cor. of secs. 22, 23, 26 and 27.
 Thence,
 N. $89^{\circ}57' W.$ ^{on true line} bet secs. 22 and 27.
 Over mountainous land, through scattering timber and dense undergrowth.
 Ascend 15 ft. over SE. slope.
 Spur, slopes SE.
 Descend 388 ft. over SW. slope.
 Wash, 5 lks. wide, course SW.
 Wash, 15 lks. wide, course SE.
 Wash, 10 lks. wide, course S.
 Wash, 20 lks. wide, course SE.
 Wash, 20 lks. wide, course SE.
 Ascend 211 ft. over granite ledges.
 Set an iron post, 3 ft. long, 1 in. diam., on solid rock, mark a cross (x) at base of post, raise a mound of stone, around post, 5 ft. base, 36 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

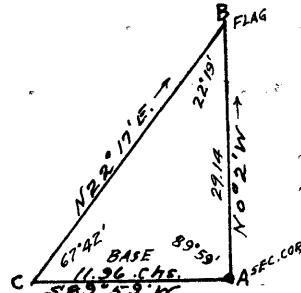
S 22
 $\frac{1}{4}$
 S 27
 1928

from which,
 a pinon 10 ins. diam., brs. N. $75\frac{1}{2}^{\circ} E.$, 31 lks. dist., marked $\frac{1}{4}$ S 22 B T.
 a pinon, 8 ins. diam., brs. S. $15\frac{1}{4}^{\circ} W.$, 95 lks. dist., marked $\frac{1}{4}$ S 27 B T.
 40.00 Low rocky spur, slopes SE.
 45.50 Thence along SW. slope.
 Head of wash, course SE.
 Ascend 234 ft. over SE. slope.
 55.14 Triangulation flag "B" on ridge, brs. N and S. Discontinue ^{chaining}.
 Descend 600 ft. over W. slope.
 65.00 (Approximate dist.) Wash, 20 lks. wide course NW.
 Ascend 190 ft along NE. slope.
 The cor. of secs. 21, 22, 27 and 28.
 Land, mountainous.
 Soil, rocky 4th rate.
 Timber, scattering, fir, pinon, cedar and pine.
 Undergrowth, manzanita and scrub oak.

Survey of Subdivisions of T.6 S., R. 20 E.

47

chains N.0°2'W., bet secs. 21 and 22.
 Over rough mountainous land, through scattering timber
 and dense undergrowth.
 On account of precipitous slopes over which it is impracticable to chain, triangulate as follows:
 Designate the cor. of secs. 21, 22, 27 and 28 as point "A". Set a flag "B" ahead on line. Vertical angle 0°. From point "A" measure a base S.89°59'W., 11.96 chs. dist., to point "C". From point "C", flag "B" bears N.22°17'E., All bearings checked by direct reading of the solar, and all angles checked by deflection.



Dist. by triangulation = 29.14 chs.

8.00 Descend approximately 300 ft. over NE. slope.
 (Approximate dist.) Wash, 20 lks. wide, course NW.
 Ascend 300 ft. over SW. slope of cliffs.
 29.14 Triangulation flag "B" on high rocky spur ridge, brs.
 E and W. Continue line and measurement by chaining.
 Descend 215 ft. over NE slope of cliffs.
 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

$\frac{1}{4}$

S21 | S22

1928

from which,
 a manzanita 10 ins. diam., brs. S.67 $\frac{1}{4}$ E., 23 lks. dist.,
 marked $\frac{1}{4}$ S 22 B T.
 a white oak, 6 ins. diam., brs. N.55 $\frac{3}{4}$ W., 13 lks. dist.,
 marked $\frac{1}{4}$ S 21 B T.

41.92 Descend 44 ft.
 Wash, 20 lks. wide, course NW.
 Ascend 170 ft. over SW. slope.
 52.00 Spur, slopes W.
 Descend along broken NW. slope.
 57.60 Wash, 20 lks. wide course W.
 Descend 287 ft. over NW. slope.
 59.00 Wash, 20 lks. wide, course SW.
 73.50 Head of draw, course SW.
 77.00 Low spur, slopes NW.
 Descend 31 ft. over N. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in
 the ground to bed rock, deposit a stone marked with
 a cross(x) at base of post, raise a mound of stone
 around post, 4 ft. base, 32 ins. high, for cor. of
 secs. 15, 16, 21 and 22, marked on brass cap

T6S R20E

S16 | S15

—

S21 | S22

1928

from which,

48

Survey of Subdivisions of T. 6 S., R. 20 E.

chains	a pinon 6 ins. diam., brs. S. $38\frac{1}{4}$ ^o W., 68 lks. dist., marked T 6 S R 20 E S 21 B T. No other bearing trees available. Land, rough mountainous. Soil, rocky 4th, rate. Timber, scattering pinon, cedar and oak. Undergrowth, manzanita and scrub oak.
40.00	S. $89^{\circ}57'$ E., on a random line, bet. secs. 15 and 22. Set temp $\frac{1}{4}$ sec. cor.
79.66	Fall 7 lks. S. of cor. of secs. 14, 15, 22 and 23. Thence, West, on true line, bet. secs. 15 and 22. Over mountainous land, through heavy timber and dense undergrowth. Over S. slope.
7.66	Creek, 5 lks. wide, in wash, 70 lks. wide course S 65° E. Ascend 248 ft. over NE. slope.
23.66	Drain, course N. Descend 64 ft. over NW. slope.
39.83	Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base, 20 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S 15 S 22 1928
45.46	from which, a pinon 4 ins. diam., brs. N. 58° E., 78 lks. dist., marked $\frac{1}{4}$ S 15 B T. a pinon, 6 ins. diam., brs. S. $27\frac{1}{4}$ ^o E., 44 lks. dist., marked $\frac{1}{4}$ S 22 B T. Descend 50 ft. over NW. slope.
49.66	Wash, 20 lks. wide, course NW. Ascend 28 ft. over NE. slope.
54.06	Spur, slopes N. Descend 39 ft. over NW. slope.
57.66	Wash, 20 lks. wide, course NW. Ascend 70 ft. over NE. slope.
68.66	Spur, slopes NW. Descend 171 ft. over NW. slope.
72.16	Drain, 5 lks. wide course NW.
75.66	Low spur, slopes NW. Ravine, course NW.
79.66	The cor. of secs. 15, 16, 21 and 22. Land, mountainous. Soil, rocky 4th, rate. Timber cedar pinon and oak. Undergrowth, manzanita, scrub oak and bear grass.
4.00	N. $0^{\circ}2'$ W., bet secs. 15 and 16. Over rolling land, through scattering timber and undergrowth.
5.32	Descend 56 ft. over NW. slope.
15.61	Wash, 5 lks. wide, course N. 70° W. Trail, brs. E. to Holdout Creek, W. to Grand Reef Mine. Spur, slopes SE.
19.00	Ascend 86 ft. over SE. slope.
19.47	Low spur, slopes E. Descend 148 ft. over NE. slope.
25.11	Wash, 10 lks. wide, course E. Wash, 10 lks. wide, course SE.
36.00	Ascend 74 ft. over SE. slope. Low spur slopes E.

BOOK 2

Survey of Subdivisions of T. 6 S., R. 20 E.

49

chains 40.00	Descend 32 ft. along E. slope. 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 $\frac{1}{4}$ S16 S15 1928 No bearing trees available. Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Descend 161 ft. along E. slope. Wash, 10 lks. wide, course E. Wash, 15 lks. wide, course SE. Ascend 116 ft. over SE. slope. Low spur, slopes NE. Descend 169 ft. over broken NE. slope. Wash, 5 lks. wide, course NE. Ascend SW. slope. Low spur, slopes NE. Wash, 20 lks. wide, course SE. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, marked on brass cap
50.45	
54.04	
61.23	
68.49	
70.00	
79.70	
80.00	
	T6S R20E S 9 S10 + S16 S15 1928
	from which, a cedar, 18 ins. diam., brs. N.41°E., 154 lks. dist., marked T 6 S R 20 E S 10 B T. a pinon, 6 ins. diam., brs. S.74°E., 234 lks. dist., marked T 6 S R 20 E S 15 B T. a pinon, 7 ins. diam., brs. S.33°W., 134 lks. dist., marked T 6 S R 20 E S 16 B T. a pinon, 4 ins. diam., brs. N.43 $\frac{1}{2}$ °W., 70 lks. dist., marked B T. only. Land, rolling. Soil, gravelly and rocky 3rd and 4th, rates. Timber, scattering, pinon, cedar and oak. Undergrowth, scattering mesquite catclaw scrub oak and bear grass.
40.00	East, on a random line, bet. secs. 10 and 15. Set temp $\frac{1}{4}$ sec. cor.
79.70	Fall 5 lks. N. of the cor. of secs. 10, 11, 14 and 15. Thence, N.89°58'W., on true line, bet. secs. 10 and 15. Over rolling mountainous land, through scattering timber and undergrowth.
2.10	Descend 80 ft. over NW. slope. Ravine, course NW.
9.40	Ascend 134 ft. over NE. slope. Drain, course N
23.00	Spur, slopes N.
30.00	Descend 195 ft. over NW. slope.
34.00	Ravine, course NW.
34.58	Low spur, slopes NW.
36.80	Wash, 50 lks. wide, course NE.
39.85	Ascend 170 ft. over SE. slope. 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

50

Survey of Subdivisions of T.6 S., R.20 E.

chains

 $\frac{1}{4}$ S 10
 S 15
 1928

	from which, a pinon, 6 ins. diam., brs. S. $29\frac{1}{2}$ ^o W., 99 lks.dist., marked $\frac{1}{4}$ S 15 B T. a pinon, 4 ins. diam., brs. N. 48 ^o W., 74 lks.dist., marked $\frac{1}{4}$ S 10 B T. Ascend 60 ft. over SE. slope. Spur, slopes SE. Descend 74 ft. over SW. slope. Ravine, course S. 70 ^o E. Thence along ravine. Leave ravine course E. Same ravine, course SE. The cor. of secs. 9, 10, 15, and 16. Land, rolling and mountainous. Soil, gravelly and rocky 3rd and 4th, rates. Timber, scattering, pinon and oak. Undergrowth, scattering manzanita, scrub oak, juniper and grass.
42.00	N. $0^{\circ}2'$ W., bet secs. 9 and 10. Over rolling and mountainous land, through scattering timber and undergrowth. Ascend 25 ft. over SE. slope. Trail, bears NE. to Blackrock Canyon, SW. to Grand Reef Mine.
5.80	Spur, slopes NE. Descend 213 ft. over NW. slope. Wash, 15 lks. wide, course NE.
5.90	Ascend 46 ft. over SE. slope.
11.93	Spur, slopes NE.
17.49	Descend 226 ft. over over N. slope. Same wash, 15 lks.wide, course NW.
25.59	Same wash, 15 lks. wide, course NE.
28.21	Wash, 10 lks. wide, course SE., ascend 141 ft.
32.45	Spur, slopes SE., descend NW..slope.
35.18	Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, raise a mound of stone around post, 4 ft. base, 24 ins. high, for $\frac{1}{4}$ sec. cor, marked on brass cap
40.00	

 $\frac{1}{4}$
 S 9 | S 10
 1928

	from which, a pinon, 10 ins. diam., brs. S. $56\frac{3}{4}$ ^o E., 16 lks.dist., marked $\frac{1}{4}$ S 10 B T. a pinon, 14 ins. diam., brs. S. $72\frac{1}{4}$ ^o W., 21 lks. dist., marked $\frac{1}{4}$ S 9 B T. Descend 166 ft. over NW. slope Black Rock Creek, 30 lks. wide, course SE. Ascend 492 ft. over broken SW. slope. Wash, 10 lks. wide, course SW. Spur, slopes SE. Descend 44 ft. along E. slope. Descend 61 ft. over NE. slope. Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor of secs. 3, 4, 9 and 10, marked on brass cap
44.82	
48.60	
68.92	
78.00	
80.00	

BOOK ONE

Survey of Subdivisions of T.6 S., R. 20 E.

51

chains	<p style="text-align: center;">T6S R20E $\frac{1}{4}$ S 4 S 3 $\frac{1}{4}$ S 9 S10 1928</p> <p>from which, a pinon, 4 ins. diam., brs. N.26°E., 97 lks. dist., marked B T only. <u>marked T6S R20E S10 BT</u> a pinon, 24 ins. diam., brs. S.$51\frac{1}{2}^{\circ}$E., 73 lks. dist., No other bearing trees available. Raise a mound of stone, 3 ft, base, $2\frac{1}{2}$ ft. high, W. of cor. Land, rolling and mountainous. Soil, gravelly decomposed granite 4th, rate. Timber, scattering cedar, pinon and oak. Undergrowth, scattering manzanita scrub oak yucca and grass.</p> <hr/> <p>S, $89^{\circ}58'$E., on a random line, bet. secs. 3 and 10. Set temp $\frac{1}{4}$ sec. cor. Intersect cor. of secs. 2, 3, 10 and 11. Thence N. $89^{\circ}58'$W., on true line, bet. secs. 3 and 10. Over rolling and mountainous land, through scattering timber and dense undergrowth. Descend 42 ft. over SW. slope. Creek, 5 lks. wide, in wash, 40 lks. wide course SE. Ascend 330 ft. over SE. slope. Spur, slopes SE. Thence along broken S. slope, Ravine, course SE. Low spur, slopes S. Ravine, course S. Spur, slopes S. Descend 175 ft. over SW. slope., of slide rock. 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</p> <p style="text-align: center;">$\frac{1}{4}$ S 3 $\frac{1}{4}$ S10 1928</p> <p>from which, a pinon, 8 ins. diam., brs. N.$27\frac{1}{4}^{\circ}$E., 93 lks. dist., marked $\frac{1}{4}$ S 3 B T. a pinon, 8 ins. diam., brs. S.32°E., 138 lks. dist., marked $\frac{1}{4}$ S 10 B T. Ravine course SE. Ascend 233 ft. over steep E. slope. Spur, slopes SE. Descend 120 ft. over SW. slope. Ravine, course SE. Ascend 227 ft. over NE. slope. Spur, slopes SE. Descend 100 ft. over SW. slope. Ravine, course SE. Ascend 164 ft. over NE. slope. The cor. of secs. 3, 4, 9 and 10. Land, rolling and mountainous. Soil, gravelly and decomposed granite 3rd and 4th rates. Timber, scattering, pinon, juniper and oak. Undergrowth, scrub oak, and grass.</p> <hr/>
40.00	
79.80	
4.70	
15.00	
17.60	
25.00	
29.00	
33.00	
39.90	
40.40	
47.00	
53.00	
65.00	
74.00	
79.80	

52

Survey of Subdivisions of T.6 S., R. 20 E.

chains	N.0°2'W., on true line, bet. secs. 3 and 4. Over rolling land, through scattering timber and undergrowth. Descend 117 ft. over NE. slope. Wash, 10 lks. wide, course SE. Ascend 363 ft. over SW. slope. Spur, slopes SE. Descend 30 ft. over broken NE. slope. Ascend 26 ft. along SE. slope. Low spur, slopes SE. Descend 23 ft. over NE. slope. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
5.24	$\frac{1}{4}$ S4 S3 1928
23.30	No bearing trees available. Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, W. of cor. Descend 61 ft. over NE. slope. Wash, 15 lks. wide, course SE. Ascend 195 ft. over SW. slope. Spur, slopes SE. Descend 50 ft. over NE. slope. Head of wash, course SE. Ascend 125 ft. over SW. slope.
29.90	Intersect the N. bdy. of Tp. (1st Standard Parallel South) at a point 12.67 chs. E. of the Standard $\frac{1}{4}$ sec. cor. of sec. 33 hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 3 and 4; marked on brass cap
34.47	T5SR20E S33 S 4 S 3 C C T6S R20E 1928
40.00	from which, a pinon, 4 ins. diam., brs. S.58°E., 241 lks. dist., marked B T only. a cedar, 12 ins. diam., brs. S.55 $\frac{1}{2}$ °W., 320 lks. dist., marked T 6 S R 20 E S 4 C C B T. Land, rolling. Soil, gravelly and decomposed granite 3rd and 4th, rates. Timber, scattering pinon, cedar and oak. Undergrowth, scattering scrub oak, mesquite yucca and grass.
49.62	----- From cor. of secs. 32 and 33 on S. bdy. of Tp. hereinbefore, N.0°2'W., bet. secs. 32 and 33. Over mountainous land, through scattering timber and undergrowth. Descend 278 ft. over NW. slope. Wash, 40 lks. wide, course SW.
61.00	Ascend 171 ft. over SW. slope. Spur, slopes SW.
68.03	Descend 116 ft. over NW. slope. Ravine, course W.
74.44	Ascend 140 ft. over SW. slope. Spur, slopes NW. Descend 341 ft. over NW. slope. Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the

Dec. 1921

Survey of Subdivisions of T. 6 S., R. 20 E.

53

chains ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone, around post 4 ft. base, 32 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1928

No bearing trees available.

Descend 132 ft. over N.W. slope.

Creek, 20 lks. wide, course SW.

Ascend 240 ft. over SE. slope.

Spur, slopes SW. wire fence brs. NE and SW.

Descend 196 ft. over N.W. slope.

Old mine dump, brs. W. 2 chs. dist.

29.90 NE cor. of frame house 20 x 30 ft.

60.20 Bunk house, 20 x 40 ft. brs. W. 150 lks. dist.

61.40 NE. cor. of frame house 10 x 20 ft.

62.40 Old road, brs NE and SW., in wash 100 lks. wide course. S.W.

65.00 House 12 x 14 ft. brs. E. 350 lks. dist., old tunnel brs.

E. 45 lks. dist.

66.49 Cor. No.1,"Dog Water," identical with cor. No.2,"Mountain Spring," patented mineral claims, brs. N. 11° W., 42 lks. dist. (Survey 1760).

Ascend 312 ft. over SE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap

$$\begin{array}{c} T6S R20E \\ S29 | S28 \\ \hline S32 S33 \\ 1928 \end{array}$$

No bearing trees available.

Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor. Land, mountainous.

Soil, gravelly and rocky 3 rd, rate.

Timber, scattering cedar, pinon and oak.

Undergrowth, scattering mesquite, catclaw and grass.

40.00 East, on a random line, bet. secs. 28 and 33.
Set temp $\frac{1}{4}$ sec. cor.

80.14 Intersect cor. of secs. 27, 28, 33 and 34.
Thence,

West, on true line, bet. secs. 28 and 33.

Over mountainous land, through scattering undergrowth.
Descend 769 ft. over rocky SW. slope.

37.14 Ravine, course S.

Ascend SE. slope.

40.07 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
$$\begin{array}{c} S. 28 \\ \frac{1}{4} \\ S. 33 \\ 1928 \end{array}$$

No bearing trees available.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
Ascend 106 ft. over SE. slope.

46.14 Ridge, brs. NE and SW.

Descend 418 ft. over NW. slope.

62.94 Wash, 30 lks. wide, course SW.

Ascend 50 ft. over SE. slope.

Survey of Subdivisions of T.6 S., R. 20 E.

chains 69.14	Spur, slopes S. Descend 157 ft. over SW. slope.
74.14	Ravine, course SW. Ascend 135 ft. over SE. slope.
75.16	Cor. No. 4, "Mountain Spring," on S. end line "South Point", patented mineral claims, brs. N.11° W., 9.64 chs. dist. (Survey 1760)
80.14	The cor. of secs. 28, 29, 32 and 33. Land, mountainous. Soil, gravelly and rocky 3 rd, rate. Timber, none. Undergrowth, scattering mesquite, catclaw, yucca and grass.

6.00	N.0°2'W., bet. secs. 28 and 29. Over mountainous land, through scattering timber and undergrowth. Ascend 257 ft. over SE. slope.
16.72	Spur, slopes SW. Descend 195 ft. along W. slope. Bolt $\frac{1}{2}$ ins. diam., in granite boulder 6 x 10 ft. diam. brs. N.47°21'W., 38 lks. dist.
23.68	Engine house at Grand Reef Mine, brs. N.21°W. Bunk house, brs. N.42°W. Cook house, brs. N.44°W. Office building, brs. N.47 $\frac{1}{2}$ °W. Bunk house brs. N.51 $\frac{1}{2}$ °W. Dwelling house, brs. N.65°W. Bunk house brs. N.74°W. Engine house, brs. N.36°W. Bunk house, brs. N.58 $\frac{1}{2}$ °W. Cook house, brs. N.61°W. Office building brs. N.66°W. Bunk house brs. N.70 $\frac{1}{4}$ °W. Dwelling house, brs. N.84 $\frac{1}{4}$ °W. Bunk house, brs. N. 80 $\frac{1}{4}$ °W.
30.90	Low spur, slopes W.
34.35	Old stamp mill, brs. W. about 5 chs. dist.
36.13	Descend 149 ft. along W. slope. Cor. No. 3 "Grand Reef", identical with cor. No. 4 "South Point", patented mineral claims. brs. S.11° E., 5.03 chs. dist. (Surveys Nos. 1357 and 1760 respectively)
39.59	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec cor, marked on brass cap
	WC $\frac{1}{4}$ S29 S28
	1928
	No bearing trees available.
40.00	Raise a mound of stone, 4 ft. base 3 ft. high, W. of cor. True point for $\frac{1}{4}$ sec. cor. falls in wash, 30 lks. wide, course W. a place impracticable to set monument.
42.26	Ascend 37 ft. over SW. slope of cliffs.
46.17	Rocky spur, slopes W. Descend 63 ft. over NW. slope.
56.40	Wash, 10 lks. wide, course W. Ascend 156 ft. over SW. slope.
60.47	Spur, slopes W. Descend 70 ft. over N. slope.
61.00	Wash, 30 lks. wide, course W. Ascend slightly, over S. slope.
62.00	Point of spur, slopes SE. Descend slightly over NE. slope.
	Same wash, 40 lks. wide, course SE.

chains 68.00	Ascend 16 ft. over S. slope. Low spur, slopes N. Descend 10 ft. over N.W. slope. Wash, 15 lks. wide, course W. Wash, 40 lks. wide, course SW. Ascend 56 ft. over SE. slope. Set an iron post, 3 ft. long, 2 ins. diam. 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 5 ft. base; 30 ins. high, for cor. of secs. 20, 21, 28 and 29 marked on brass cap
	T6S R20E S20 S21 — S29 S28 1928
	from which, a cedar, 12 ins. diam., brs. N. 27° E., 200 lks. dist., marked T 6 S R 20 E S 21 B T. a pinon, 6 ins. diam., brs. S. 84° E., 200 lks. dist., marked T 6 S R 20 E S 28 B T. a cedar, 6 ins. diam., brs. N. 16 $\frac{1}{4}$ ° W., 46 lks. dist., marked T 6 S R 20 E S 20 B T. No other bearing tree available. Land, mountainous. Soil, rocky 4th. rate. Timber, scattering cedar and pinon. Undergrowth, scattering oak, cactus, yucca and mesquite.
1.00	East, on a random line, bet. secs. 21 and 28. Creek, 30 lks. wide, course S. On account of precipitous land over which it is impracticable to chain, triangulate as follows: Return to the cor. of secs. 20, 21 28 and 29 and designate said cor. as point "A". Set a flag "B" ahead on line. Vertical angle + 15°. From point "A" measure a base N. 0° 2' W., 40.00 chs. dist. to point "C". From point "C" flag "B" bears S. 59° 13' E.. All bearings checked by direct reading of the solar, and all angles checked by deflection.
67.12 79.98	<p>Dist. by triangulation = 67.12 chs. Triangulation point. Continue line and measurement by chaining. Fall 6 lks. S. of the cor. of secs. 21, 22, 27 and 28. Thence, S. 89° 57' W., on true line, bet. secs. 21 and 28. Over rough mountainous land, through scattering timber and undergrowth. Ascend 204 ft. over NE. slope. Rocky spur, slopes NW. Descend 875 ft. over rocky W. slope. Wash, 20 lks. wide, course SW. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, raise a mound of stone around post, 5 ft. base 30 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap</p>
12.90	
38.80	
39.99	

56

Survey of Subdivisions of T. 6 S., R. 20 E.

chains	$\frac{1}{4}$ S 21 $\frac{1}{4}$ S 28 1928
	from which, a pinon 8 ins. diam., brs. S.0°15'E., 88 lks. dist., marked $\frac{1}{4}$ S 28 B T. a white oak, 6 ins. diam., brs. N.32 $\frac{1}{4}$ °W., 84 lks. dist. marked $\frac{1}{4}$ S 21 B T.
45.00	Descend 10 ft. over SW. slope. Same wash, 20 lks. wide, course NW. Discontinue chaining.
67.00	Descend along N. slope 15 ft. Low rocky spur, slopes NW. (approx dist.)
70.50	Descend 50 ft. over NW. slope. (approx dist.) Same wash, 20 lks. wide, course SW. (approx dist.)
74.00	Ascend 50 ft. over SE. slope. (approx Dist.) Low rocky spur, slopes SW.
79.00	Descend 150 ft. over W. slope. Creek, 30 lks. wide, 4 ins. deep course S.
79.98	Ascend 25 ft. over E. slope. Chain measurement to The cor. of secs. 20, 21, 28 and 29. Land, rough mountainous. Soil, rocky, 4th rate. Timber scattering, cedar, pinon and oak. Undergrowth, scattering scrub oak, manzanita and bear grass.
	N.0°2'W., bet secs. 20 and 21. Over rolling mountainous land, through scattering timber and undergrowth.
14.08	Ascend 338 ft. over SE. slope. Trail, brs. E and W.
15.20	Trail, brs. NE and SW.
15.50	Low spur, slopes SW.
20.70	Ascend along SW. slope. Spur, slopes SW. and W.
21.31	Descend 158 ft. over NE. slope.
36.68	Wash, 5 lks. wide, course NW.
39.16	Wash, 20 lks. wide, course W.
40.00	Low spur, slopes W. Ascend 27 ft. over S. slope. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, deposit a stone marked with a cross (x) at base of post, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S20 S21 1928
	from which, a white oak, 6 ins. diam., brs. S.6 $\frac{1}{4}$ °W., 121 lks. dist., marked $\frac{1}{4}$ S 20 B T. No other bearing trees available. Descend 12 ft. along NW. slope. Wash, 20 lks. wide, course SW.
44.20	Same wash, 20 lks. wide, course SE.
45.00	Same wash, 20 lks. wide, course SW.
46.00	Same wash 15 lks. wide, course SE.
62.10	Same wash, 15 lks. wide, course SW.
62.90	Ascend 481 ft. over SW. slope. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 16, 17 20 and 21 marked on brass cap
80.00	

Survey of Subdivisions of T.6 S., R. 20 E.

57

CHAINS	T6S R20E S17 S16 S20 S21 1928
	No bearing trees available. Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor. Land, rolling mountainous. Soil, gravelly and rocky 3rd rate. Timber scattering cedar, pinon and oak. Undergrowth, scattering scrub oak, mesquite and yucca,
40.00	N. 89°57' E., on a random lin , bet. secs. 16 and 21. Set temp $\frac{1}{4}$ sec. cor.
80.10	Fall 7 lks. N. of the cor. of secs. 15, 16, 21 and 22. Thence; West, on true line, bet. secs. 16 and 21.
2.00	Over rolling land, through scattering timber and undergrowth. Ascend 9 ft. along N. slope. Low spur slopes N.
10.60	Descend 257 ft. over NW. slope. Wash, 15 lks. wide, course SW.
17.80	Descend along S. slope. Descend W. slope.
24.92	Wash, 20 lks. wide, course SW. Ascend 36 ft. over SE. slope.
26.52	Trail brs. NE to Black Rock Canyon, S.J. to Grand Reef Mine.
28.80	Low spur, slopes S. Descend 66 ft. over SW. slope.
32.69	Wash, 10 lks. wide, course S. Ascend 47 ft. over SE. slope.
34.00	Spur, slopes S. Descend 19 ft. over SJ. slope.
36.09	Wash, 10 lks. wide, course SE. Ascend 80 ft. over NE. slope.
40.05	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	S 16 $\frac{1}{4}$ S 21 1928
46.00	No bearing trees available. Raise a mound of stone, 3 ft. base 2 ft. high, N. of Cor. Ascend 60 ft. over NE. slope. Spur, slopes SE. Descend 35 ft. over SW. slope.
50.98	Wash, 10 lks. wide, course SE.
53.48	Wash, 10 lks. wide, course N. 80° E.
64.20	Ascend 367 ft. over NE. slope. Top of high hill. Descend 274 ft. over W. slope.
80.10	The cor. of secs. 16, 17, 20 and 21. Land, rolling. Soil, gravelly and rocky 3rd and 4th, rates. Timber, scattering, cedar, pinon and oak. Undergrowth, scattering scrub oak, mesquite and yucca.

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Survey of Subdivisions. of T. 6 S., R. 20 E.

chains	N. $0^{\circ}2'W.$, bet secs. 16 and 17. Over rolling land, through scattering timber and undergrowth. Descend along W. slope.
1.00	Spur, slopes NW. Descend 112 ft. over N. slope.
5.57	Head of draw, course NW. Ascend 53 ft. over SW. slope.
12.50	Spur, slopes NW. Descend 228 ft. over NE. slope.
23.56	Wash, 15 lks. wide, course W. Ascend 131 ft over SW. slope.
32.00	Spur, slopes NW. Descend 185 ft. over NE. slope.
39.80	Wash, 15 lks. wide, course NW.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec.cor., marked on brass cap

$\frac{1}{4}$
S17 | S16

1928

from which, a scrub oak, 5 ins. diam., brs. S. $18\frac{1}{2}^{\circ}E.$, .4 lks.dist., marked $\frac{1}{4}$ S 16 B T. a cedar, 14 ins. diam., brs. N. $65\frac{1}{2}^{\circ}W.$, 108 lks.dist., marked $\frac{1}{4}$ S 17 B T. Ascend 27 ft. over SW. slope. Short spur, slopes W. Descend 16 ft. over NW. slope. Wash, 10 lks.wide, course SW. Ascend 77 ft. over SE. slope. Low pass, brs. E and W. Descend 65 ft. over NE. slope. Wash, 15 lks. wide, course NW. Ascend 100 ft. over SW. slope. Wash, 10 lks.wide, course SW. Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, deposit a stone marked with a cross (x) at base of post, for cor. of secs. 8, 9, 16 and 17, marked on brass cap
--

T6S R20E
S 8 | S 9
S17 | S16
1928

from which,
a cedar, 24 ins. diam., brs. S. $14\frac{1}{2}^{\circ}E.$, 382 lks. dist.,
marked T 6 S R 20 E S 16 B T.
No other bearing trees available.
Land, rolling,
Soil, gravelly, 3 rd rate.
Timber, scattering cedar, pinon and oak.
Undergrowth, scattering, scrub oak, yucca and grass.

40.00	East, on a random line, bet. secs. 9 and 16. Set temp $\frac{1}{4}$ sec. cor.
80.22	Fall 12 lks. N. of the cor. of secs. 9, 10, 15 and 16. Thence, N. $89^{\circ}55'W.$, on true line, bet. secs. 9 and 16. Over rolling land, through scattering undergrowth. Ascend 83 ft. over SE. slope.
6.59	Trail, brs. NE. to Black Rock Canyon, SW. to Grand Reef Mine.

Survey of Subdivisions of T. 6 S., R. 20 E.

59

chains 7.40	Low spur, slopes NE. Descend 34 ft. over NW. slope.
12.91	Wash, 15 lks. wide course NE. Ascend 337 ft. over NE. slope.
40.11	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
	$\frac{1}{4}$ S 9 S16 1928
44.50	No bearing trees available. Raise a mound of stone, 3 ft. base $2\frac{1}{2}$ ft. high, N. of cor. Spur ridge, brs. NE and SE.
58.07	Descend 367 ft. over broken SW. slope.
80.22	Wash, 10 lks. wide, course SW. The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, gravelly, 3 rd rate. Timber, none. Undergrowth, scattering, scrub oak, yucca and cactus.
1.70	N. $0^{\circ}2'$ W., bet secs. 8 and 9. Over rolling land, through scattering timber and under- growth. Ascend 13 ft. over SW. slope.
7.10	Spur, slopes NW.
10.05	Descend 45 ft. over NE. slope.
23.35	Wash, 10 lks. wide course NW.
40.00	Wash, 10 lks. wide, course W. Ascend 94 ft. over S. slope. 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
	$\frac{1}{4}$ S8 S9 1928
48.30	No bearing trees available. Raise a mound of stone, 4 ft. base 3 ft. high, W. of cor. Ascend 139 ft. over S. slope.
56.20	Spur, slopes NW. Descend 106 ft. over NW. slope.
58.40	Wash, 20 lks. wide, course NE.
61.80	Same wash, 20 lks. wide, course NW.
62.82	Wash, 15 lks. wide, course W.
79.40	Ascend 82 ft. over SW. slope.
80.00	Wash, 15 lks. wide, course SW. Ascend along SE. slope. Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 18 ins. high, for cor. of secs. 4, 5, 8 and 9, marked on brass cap
	T6S R20E S 5 S 4 + S8 S9 1928

from which,
a cedar, 6 ins. diam., brs. N. $64\frac{1}{2}$ ° E., 291 lks. dist.,
marked T 6 S R 20 E S 4 B T.

60

Survey of Subdivisions of T.6 S., R. 20 E.

chains	a cedar, 6 ins. diam., brs. S.78°E., 273 lks. dist., marked T 6 S R 20 E S 9 B T. a pinon, 8 ins. diam., brs. N.31°W., 241 lks. dist., marked T 6 S R 20 E S 5 B T. No other bearing tree available. Land, rolling. Soil, gravelly and rocky 3rd, rate. Timber, scattering, cedar, pinon and oak. Undergrowth, scattering, scrub oak, mesquite and yucca.
40.00	S.89°55'E., on a random line, bet. secs. 4 and 9. Set temp $\frac{1}{4}$ sec. cor.
80.20	Fall 19 lks. S. of the cor. of secs. 3, 4, 9 and 10. Thence, S.89°57'W., on true line, bet. secs. 4 and 9. Over rolling land, through scattering desert brush. Ascend 165 ft. over NE. slope.
10.30	Ridge, brs. SE and NW. Descend 106 ft. over NW. slope.
17.95	Wash, 15 lks. wide, course SW. Ascend 46 ft. over SE. slope.
33.80	Spur, slopes SE. Descend 16 ft. over SW. slope.
39.20	Wash, 15 lks. wide, course SE. Ascend 107 ft. over NE. slope.
40.10	True point for $\frac{1}{4}$ sec. cor. falls in wash, 10 lks. wide, course SE. a place impracticable to set monument.
40.60	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor. marked on brass cap
	S 4 $\frac{1}{4}$ — WC S 9 1928
	No bearing trees available. Raise a mound of stone, 4 ft. base, 3 ft. high, N. of cor. Low spur, slopes SE. Descend 27 ft. over SW. slope.
44.00	Fall 44 lks. S. of post, 4 ft. long, 6 ins. diam., in mound of stone. "Silver Glen" location monument.
46.32	Old mine brs. N. 50 lks. dist.
46.42	Wash, 15 lks. wide, course SE.
50.42	Ascend 91 ft. over NE. slope.
60.20	Divide, bears NW. and SE.
68.90	Descend 84 ft. over SW. slope. Wash, 10 lks. wide, course NW.
71.60	Ascend 50 ft. over NE. slope. Low spur, slopes NW.
77.20	Descend 147 ft. over NW. slope.
80.20	Wash, 15 lks. wide, course SW. The cor. of secs. 4, 5, 8 and 9. Land, rolling. Soil, gravelly and rocky 3rd, rate. Timber, none. Undergrowth, scattering, mesquite, yucca and desert brush.

Survey of Subdivisions of T. 6 S., R 20 E.

61

chains N.0°2'W., on true line, bet. secs. 4 and 5.
 Over rolling land, through scattering timber and undergrowth.
 Ascend 94 ft. over SE. slope.
 Spur ridge, brs. SE and NW.
 Descend 108 ft. over gradual brushy NE. slope.
 Wash, 20 lks. wide, course NW.
 Ascend 31 ft. over SW. slope to
 Point of low spur, sloping SW. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap,

$$\begin{array}{c} \frac{1}{4} \\ \hline S5 | S4 \\ 1928 \end{array}$$

from which,
 a cedar, 5 ins. diam., brs. N.33 $\frac{1}{2}$ °E., 336 lks. dist., marked $\frac{1}{4}$ S 4 B T.
 a black oak, 4 ins. diam., brs. N.67°W., 140 lks. dist., marked $\frac{1}{4}$ S 5 B T.
 Ascend 17 ft. over SW. slope.
 Low spur, slopes W.
 Corrals and house brs. W. about 20 chs. dist.
 Cor. No. 2, "Florida", identical with Cor. No. 3, "Maine", pat. mineral claims, brs. N.78°30'W., 4.33 chs. (Surv. 2438)
 Wash, 20 lks. wide, course W.
 Cor. No. 1, "Florida", patented mineral claim, brs. N.78°30'W. 4.95 chs. dist. (Survey 2438)
 Spur, slopes W.
 Descend 96 ft. over NW. slope.
 Wash, 20 lks. wide course SW.
 Same wash, 20 lks. wide, course SE.
 Same wash, 50 lks. wide, course SW.
 Wash, 10 lks. wide, course SE.
 Ascend 23 ft. over SW. slope.
 Intersect N. bdy. Tp. (1st Standard Parallel South)
 at a point 12.51 chs. E. of the Standard $\frac{1}{4}$ sec. cor. of sec. 32 hereinbefore described.
 At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 4 and 5, marked on brass cap

$$\begin{array}{c} T5SR20E \\ \hline S32 \\ \hline S5 | S4 \\ C C \\ \hline T6SR20E \\ 1928 \end{array}$$

from which,
 a cedar, 16 ins. diam., brs. S.2 $\frac{1}{2}$ °E., 270 lks. dist., marked T 6 S R 20 E S 4 C C B T.
 a black oak, 5 ins. diam., brs. S.42 $\frac{1}{4}$ °W., 102 lks. dist., marked T 6 S R 20 E S 5 C C B T.
 Land, rolling.
 Soil, gravelly and rocky, 3rd and 4th rate.
 Timber, scattering cedar, pinon and oak.
 Undergrowth, scattering scrub oak, yucca and grass.

Chains From temp cor. of secs. 29, 30, 31 and 32, which is S. 0° 3' E., on a random line, bet secs. 31 and 32.
 40.00 Set temp $\frac{1}{4}$ sec. cor.
 79.25 Intersect the cor. of secs. 31 and 32, on S. bdy. of Tp., hereinbefore described.
 Thence,
 3.75 N. 0° 3' W., on true line, bet. secs. 31 and 32.
 8.60 Over mountainous land, through scattering undergrowth.
 Road, brs. NE to Grand Reef Mine, SW to Klondyke.
 Wash, 30 lks. wide, course SW.
 Ascend 245 ft. over SE. slope.
 27.07 Head of draw, course SW.
 Ascend 80 ft. over S. slope.
 30.50 Spur, slopes SW.
 Descend 64 ft. over NW. slope.
 34.50 Wash, 20 lks. wide, course SW.
 Ascend 46 ft. over SE. slope.
 39.25 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

 $\frac{1}{4}$

S31 | S32

1928

No bearing trees available.

42.87 Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.
 Wash, 20 lks. wide, course SW.
 Ascend 141 ft. over SE. slope.
 61.37 Spur, slopes S. 40° W.
 Descend 40 ft. over NW. slope.
 64.00 Wash, 20 lks. wide, course S. 45° W.
 Ascend 37 ft. over SE. slope.
 71.30 Spur, slopes S. 20° W.
 Descend 90 ft. over broken W. slope.
 79.25 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 29, 30, 31 and 32 marked on brass cap

T6S R20E
 S30 | S29
 +
 S31 | S32
 1928

No bearing trees available.

Raise a mound of stone, 4 ft. base, 3 ft. high, W. of cor.
 Land, mountainous.
 Soil gravelly and rocky, 3rd and 4th rate.
 Timber, none.
 Undergrowth, scattering, mesquite, catclaw, yucca and grass.

From cor. of secs. 28, 29, 32 and 33.
 West, bet secs. 29 and 32 on Sectional correction line.
 Over mountainous land, through scattering undergrowth.
 Ascend 137 ft. over SE. slope.

2.40 Cor. No. 1, "Mountain Spring," identical with cor. No. 2 "South Point," patented mineral claims, brs. N. 10° 2' W., 8.23 chs. dist. (Survey 1760)
 4.00 Spur, slopes SW.
 Descend SW. slope 483 ft.
 20.35 Stone Powder house. 15 x 20 ft. brs. N. 30 lks. dist.
 20.50 Road, brs. NE to Grand Reef Mine, SW to Klondyke.
 23.60 Wash, 100 lks. wide, course SW.
 Ascend 171 ft. over SE. slope.
 32.00 Spur, slopes S.

Survey of Subdivisions of T. 6 S., R. 20 E.

63

chains 36.40	Ravine, course SE. Ascend 191 ft. over NE. slope.
40.00	(Midpoint) 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
	$\frac{1}{4}$ ————— S 29 S 32 1928
	No bearing trees available. Raise a mound of stone, 3 ft. base $2\frac{1}{2}$ ft. high, N. of cor. Ascend 179 ft. over NE. slope.
57.50	Spur, slopes SE. Descend 128 ft. over SW. slope.
63.10	Ravine course S. Ascend 85 ft. over SE. slope.
67.00	Spur, slopes SW. Descend 110 ft. over SW. slope.
80.00	The cor. of secs. 29, 30, 31 and 32 hereinbefore described. Land, mountainous. Soil, gravelly and rocky, 3rd and 4th rate. Timber, none. Undergrowth, scattering scrub oak, mesquite and grass.

West, bet. secs. 30 and 31, on Sectional correction line.
Over rolling and mountainous land, through scattering timber and undergrowth.

Descend 108 ft. over SW. slope.

2.07	Wash, 30 lks. wide, course SW.
5.00	Low spur, slopes SW.
16.34	Wash, 10 lks. wide, course SW.
23.51	Wash, 10 lks. wide, course S.
39.70	Wash, 15 lks. wide, course S.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ —————
S 30
S 31
1928

from which,
a mesquite 24 ins. diam., brs. S. $32\frac{1}{2}^{\circ}$ W., 205 lks. dist., marked $\frac{1}{4}$ S 31 B T.
a mesquite 4 ins. diam., brs. N. 43° W., 221 lks. dist., marked $\frac{1}{4}$ S 30 B T.

54.40	Descend gradual W. slope 67 ft.
62.00	Wash, 20 lks. wide, course SW.
72.88	Wash, 40 lks. wide, course S. 60° W.
75.00	Wash, 10 lks. wide, course S. 70° W.
78.00	Old trail, brs. SE and NW.
78.14	Wire fence, brs. N and S. Intersect the W. bdy. of the Tp. at a point S. $0^{\circ}18' E.$, 1.33 chs. dist., from the cor. of secs. 25 and 36 T. 6 S., R. 19 E., hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 30 and 31, marked on brass cap,

T6S
R20E
S36 | S30 C
R19E | C
S31
1928

from which,

64

Survey of Subdivisions of T. 6 S., R. 20 E.

Chains	a mesquite 4 ins. diam., brs. N. $72\frac{3}{4}$ ^o E., 22 lks.dist., marked T 6 S R 20 E S 30 C C B T. a mesquite 4 ins. diam., brs. S. $69\frac{1}{4}$ ^o E., 24 lks.dist., marked T 6 S R 20 E S 31 C C B T. Land, rolling and mountainous. Soil, gravelly 3rd, rate. Timber, scattering mesquite. Undergrowth, scattering mesquite, catclaw, yucca and grass.
2.87	From cor. of secs. 29, 30, 31 and 32, $N=0^{\circ}3'W.$, bet secs. 29 and 30.
4.50	Over mountainous land, through scattering timber and undergrowth.
17.00	Wash, 20 lks. wide, course $S.75^{\circ}W.$.
20.00	Wash, 20 lks. wide, course $S.25^{\circ}W.$
26.00	Ascend 146 ft. over SE. slope.
28.25	Spur, slopes SW.
32.75	Low spur, slopes W.
40.00	Descend 222 ft. over broken NW. slope.
	Wash, 20 lks. wide, course W.
	Low spur, slopes W.
	Wash, 20 lks. wide, course SW.
	Ascend 157 ft. over SE. slope.
	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

1928

43.00	No bearing trees available. Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Low spur, slopes NW.
51.23	Descend 212 ft. over NW slope. Wash, 20 lks wide, course SW.
71.30	Ascend 421 ft. over S. slope. Rocky spur, slopes SW.
80.00	Descend 89 ft. along W. slope. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bed rock, raise a mound of stone around post, 3 ft. base, 24 ins. high, for cor. of secs. 19, 20, 29 and 30, marked on brass cap

T6S R20E
S19 | S20S30 | S29
1928

from which,
 a cedar, 16 ins. diam., brs. N. $60\frac{1}{2}$ ^oE., 222 lks.dist., marked T 6 S R 20 E S 20 B T.
 a cedar, 6 ins. diam., brs. S. 70° E., 78 lks.dist., marked T 6 S R 20 E S 29 B T.
 a cedar, 12 ins. diam., brs. S. $58^{\circ}W.$, 119 lks.dist., marked T 6 S R 20 E S 30 B T.
 a cedar, 7 ins. diam., brs. N. $37\frac{1}{2}$ ^oW., 15 lks.dist., marked T 6 S R 20 E S 19 B T.
 Land, mountainous.
 Soil, gravelly and rocky, 3rd and 4th, rate.
 Timber, scattering, cedar and pinon.
 Undergrowth, scattering, mesquite, catclaw and yucca.

OK Rev

Survey of Subdivisions of T. 6 S., R. 20 E.

65

Chains	East, on a random line, bet. secs. 20 and 29.
40.00	Set temp $\frac{1}{4}$ sec. cor.
79.90	Fall 12 lks. N. of the cor. of secs. 20, 21, 28 and 29. Thence, N. $89^{\circ}55'W.$, on true line, bet. secs. 20 and 29. Over mountainous land, through scattering, timber and undergrowth. Ascend 248 ft. over E. slope.
12.00	Spur, slopes S, also trail brs. N. to Black Rock Canyon, S. to Grand Reef Mine.
19.40	Descend 124 ft. over SW. slope. Wash, 15 lks. wide, course SW.
38.00	Ascend 130 ft. over SE. slope. Spur, slopes SW.
39.95	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, raise a mound of stone around post, 6 ft. base, 30 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass cap

S 20
 $\frac{1}{4}$ —————
 S 29
 1928

	from which, a cedar 6 ins. diam., brs. S. $42\frac{1}{4}^{\circ}E.$, 176 lks. dist., marked $\frac{1}{4}$ S 29 B T. a cedar, 7 ins. diam., brs. S. $52\frac{3}{4}^{\circ}W.$, 240 lks. dist., marked $\frac{1}{4}$ S 29 B T.
56.30	Descend 469 ft. over NW. slope. Draw 20 lks. wide, course SW.
65.90	Ascend 353 ft. over E. slope. Spur, slopes S.
69.40	Thence along, S. slope. Spur, slopes S. $30^{\circ}W.$
79.90	Descend 264 ft. over W. slope. The cor. of secs. 19, 20, 29 and 30. Land, mountainous. Soil, rocky 4th, rate. Timber, scattering cedar, pinon and oak. Undergrowth, scattering mesquite, scrub oak and catclaw.

	West, on true line, bet. secs. 19 and 30. Over mountainous land, through scattering undergrowth. Descend 253 ft. over W. slope. Wash, 10 lks. wide, course SW. Wash, 10 lks. wide, course S.
7.50	Ascend 170 ft. over SE. slope. Sharp spur, slopes S.
9.30	Descend 48 ft. over SW. slope. Draw, course SE.
19.00	Ascend 7 ft. over E. slope. Sharp spur, slopes S. $10^{\circ}E.$
22.00	Descehd 81 ft. over SW. slope. Draw, course S. $10^{\circ}E.$
25.00	Ascend 81 ft. over SE. slope.
28.00	Sharp spur, slopes S.
31.00	Descehd 181 ft. over SW. slope. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap
40.00	

S 19
 $\frac{1}{4}$ —————
 S 30
 1928

No bearing trees available.
Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

66

Survey of Subdivisions of T.6 S., R. 20 E.

Chains.

- 40.50 Wash, 10 lks. wide, course SW.
Ascend 79 ft. over SE. slope.
- 41.50 Low spur, slopes SW.
Descend 56 ft. over W. slope.
- 49.15 Wash, 20 lks. wide, course SW.
Ascend 76 ft. over SE. slope.
- 52.50 Low spur, slopes S.
Descend 92 ft. over SW. slope.
- 71.00 Sandy wash, 20 lks. wide, course S.
- 75.00 Wash, 20 lks. wide, course S.
- 78.34 Intersect the West boundary of the township N. 19 R.,
at a point S.0°2'W., 1.05 chs. dist., from cor. of secs.
24 and 25 hereinbefore described.
At point of intersection, set an iron post, 3 ft. long,
2 ins. diam., 30 ins. in the ground, for closing cor.
of secs. 19 and 30, marked on brass cap

T6S	T6S
R20E	S 19 C
S25	—
R19E	C
S 30	
1928	

No bearing trees available.
Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, E. of cor.
Land, mountainous.
Soil, gravelly 3rd, rate.
Timber, none.
Undergrowth, scattering mesquite, catclaw and yucca.

From cor. of secs. 19, 20, 29 and 30.

N.0°3'W., bet secs. 19 and 20

Over mountainous land, through scattering timber and
undergrowth.

- 12.00 Descend 96 ft. along broken W. slope.
Wash, 40 lks. wide, course S.20°W.
Ascend 98 ft. over SE. slope.
- 23.00 Spur, slopes SW.
Descend 24 ft. over NW. slope.
- 30.31 Draw, course W.
Ascend 150 ft. over SW. slope.
- 39.80 Spur, slopes W.
Descend 12 ft. over N. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground to bed rock, raise a mound of stone around post,
5 ft. base 24 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass
cap

$\frac{1}{4}$	
S19	S20
1928	

from which,
a cedar, 24 ins. diam., brs. S.29 $\frac{1}{2}$ °E., 143 lks. dist.,
marked S 20 B.T.
a cedar, 10 ins. diam., brs. N.40 $\frac{1}{4}$ °W., 93 lks. dist.,
marked $\frac{1}{4}$ S 19 B.T.

- 42.60 Descend 40 ft. over N. slope.
Wash, 20 lks. wide, course SW.
Ascend 194 ft. over SW. slope.
- 52.81 Same wash, 20 lks. wide, course SE.
53.00 Same wash, 20 lks. wide, course SW.
67.10 Old road, brs. NE and SW.
67.20 Spur, slopes SW.
Descend 103 ft. over NW. slope.
- 75.00 Wash, 15 lks. wide, course SW.
Ascend 117 ft. over SW. slope

CHAINS

Survey of Subdivisions of T.6 S., R. 20 E.

67

80.00	Set an iron post, 3 ft. long, 2 in. diam., 28 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap T6S R20E S18 S17 — S19 S20 1928
	from which, U.S. Loc. Mon. 1783 bears N. $39^{\circ}39' E.$, 36.21 chs. dist. No bearing trees available. Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, gravelly and rocky, 3 rd and 4th, rates. Timber, scattering cedar and pinon. Undergrowth, scattering scrub oak, mesquite and catclaw.
40.00	S. $89^{\circ}55' E.$, on a random line, bet. secs. 17 and 20. Set temp $\frac{1}{4}$ sec. cor.
79.92	Fall 7 lks. S. of the cor. of secs. 16, 17, 20 and 21. Thence, N. $89^{\circ}58' W.$, on true line, bet. secs. 17 and 20. Over mountainous land, through scattering undergrowth. Descend 592 ft. over broken SW. slope. Wash, 20 lks. wide, course SW. Low spur, slopes S.
33.92	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
36.90	
39.96	
	S 17 $\frac{1}{4}$ — S 20 1928
41.22	No bearing trees available, Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor. Descend 20 ft. over SW. slope. Junction of washes 20 lks. wide, course S. (from NE and NW)
43.57	Trail, brs. NE and SW.
43.66	Same wash, 20 lks. wide, course NE.
47.72	Same wash, 20 lks. wide, course SE.
49.44	NE. cor. of old stone house 14 x 16 ft. Ascend 104 ft. over NE. slope.
51.22	Old road, brs. SE and NW.
55.50	Descend 183 ft. over SW. slope.
70.73	Wash, 10 lks. wide, course SW.
79.92	Ascend 20 ft. over SE. slope. The cor. of secs. 17, 18, 19 and 20. Land, mountainous. Soil, rocky 4th, rate. Timber, none. Undergrowth, scattering scrub oak, yucca and mesquite.
	West, on true line, bet. secs. 18 and 19. Over mountainous land, through scattering timber and undergrowth. Descend 163 ft. over W. slope.
5.88	Wash, 20 lks. wide, course S.
9.30	Ascend 103 ft. over SE. slope. Low spur slopes SW.
40.00	Descend 518 ft. over SW. slope. Set an iron post, 3 ft. long, 1 in. diam., 50 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap

68

Survey of Subdivisions of T. 6 S., R. 20 E.

Chains

$$\frac{1}{4} \text{ S } 18$$

$$\frac{1}{4} \text{ S } 19$$

1928

from which,
 a white oak, 10 ins. diam., brs. S. $24\frac{1}{2}$ ° W., 72 lks. dist.,
 marked $\frac{1}{4}$ S 19 B T.
 a scrub oak, 6 ins. diam., brs. N. $50\frac{1}{4}$ ° W., 65 lks. dist.,
 marked $\frac{1}{4}$ S 18 B T.

41.20 Sandy wash, 50 lks. wide, course S.
 Ascend 192 ft. over E. slope.

46.30 Sharp spur, slopes SE.

47.50 Wash, 20 lks. wide, course SE.

59.00 Sharp spur, slopes SW.

62.00 Descend 82 ft. over NW. slope.

Wash 6 lks. wide course SW.

Ascend 45 ft. over SE. slope.

66.40 Low spur, slopes SW.

Descend 78 ft. over NW. slope.

70.20 Wash, 20 lks. wide, course SW.

Ascend 50 ft. over NE. slope.

75.00 Spur, slopes SW.

Descend 92 ft. over NW. slope.

78.50 Wash, 20 lks. wide, course SW.

80.96 Intersect the West boundary of the township,
 at a point, N. $1^{\circ}13' E.$, 66 lks. dist. from the cor.
 of secs. 13 and 24 hereinbefore described.
 At point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 30 ins. in the ground, for closing cor.
 of secs. 18 and 19, marked on brass cap

T6S		
T6S	R20E	
S13	S18 C	
R19E	S19	
1928		

No bearing trees available.
 Raise a mound of stone 4 ft. base, 3 ft. high, E. of cor.
 Land, mountainous.
 Soil, gravelly, 3rd, rate.
 Timber, scattering cedar, pinon and oak.
 Undergrowth, scattering mesquite and scrub oak.

From the cor. of secs. 17, 18 19 and 20.
 N. $0^{\circ}3' W.$, bet secs. 17 and 18.
 Over mountainous land, through scattering timber and
 undergrowth.

8.08 Ascend 45 ft. over SW. slope.

Low spur, slopes W.

13.42 Descend 49 ft. along W. slope.

Wash, 20 lks. wide, course SW.

Ascend 44 ft. over SE. slope.

17.20 Spur, slopes SW.

Descend 118 ft. over NW. slope.

25.84 Wash, 15 lks. wide, course SW.

Ascend 170 ft. over S. slope.

34.70 Low spur, slopes W.

36.97 Wash, 10 lks. wide, course SW.

Ascend SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground to bed rock, raise a mound of stone around post,
 4 ft. base 30 ins. high, for $\frac{1}{4}$ sec. cor. marked on
 brass cap

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

S18 | S17

1928

Survey of Subdivisions of T.6 S. R. 20 E.

69

Chains	from which, a pinon, 6 ins. diam., brs. N. $82\frac{1}{2}$ ^o E., 26 lks. dist., marked $\frac{1}{4}$ S 17 B T. a pinon, 14 ins. diam., brs. N. 51° N., 22 lks. dist., marked $\frac{1}{4}$ S 18 B T. Ascend 14 ft. over SE. slope. 42.00 Spur ridge, brs. NE. and SW. Descend 334 ft. over NW. slope. 55.00 Sandy wash, 30 lks. wide, course NW. Ascend 377 ft. over S. slope. 64.64 Cedar post, 4 ins. sq. 3 ft. above ground in mound of stone on line. 66.70 Spur, slopes SW. continue ascending. 70.40 Head of draw, course SW. 78.00 Spur, slopes SW. 80.00 Set an iron post, 3 ft. long 2 ins. diam., 30 ins. in the ground, for cor. of secs. 7, 8, 17 and 18 marked on brass cap
	T6S R20E S 7 S 8 + S18 S17 1928
	from which, a pinon, 4 ins. diam., brs. N. $24\frac{1}{2}$ ^o E., 48 lks. dist., marked B T only. a pinon, 10 ins. diam., brs. S. 89° E., 124 lks. dist., marked T 6 S R 20 E S 17 B T. a pinon, 12 ins. diam., brs. S. $6\frac{1}{4}$ ^o W., 158 lks. dist., marked T 6 S R 20 E S 18 B T. a pinon, 10 ins. diam., brs. N. $87\frac{3}{4}$ ^o W., 57 lks. dist., marked T 6 S R 20 E S 7 B T. Land, mountainous. Soil, gravelly and rocky 3rd and 4th, base. Timber, scattering, cedar, pinon and oak. Undergrowth, scattering, scrub oak.
40.00	S. $89^{\circ}58'$ E., on a random line, bet. secs. 8 and 17. Set temp $\frac{1}{4}$ sec. cor.
80.10	Intersect the cor. of secs. 8, 9, 16 and 17. Thence N. $89^{\circ}58'$ W., on true line, bet. secs. 8 and 17. Over mountainous land, through scattering timber and undergrowth.
17.60	Descend 335 ft. over SW. slope. Wash, 20 lks. wide, course SW. Thence over rolling land.
29.10	Draw, course S.
34.10	Low spur, slopes S.
38.10	Descend 77 ft. over SW. slope. Wash, 40 lks. wide, course NW.
40.05	Ascend 40 ft. over NE. slope. Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, to bed rock, raise a mound of stone around post, 3 ft. base, 20 ins. high, for $\frac{1}{4}$ sec. cor. marked on brass cap

S 8
 $\frac{1}{4}$ —
S 17
1928

from which,
a pinon, 12 ins. diam., brs. N. 25° E., 82 lks. dist.,
marked $\frac{1}{4}$ S 8 B T.
a pinon, 12 ins. diam., brs. S. 89° W., 142 lks. dist.,
marked $\frac{1}{4}$ S 17 B T.

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Survey of Subdivisions of T. 6 S., R. 20 E.

	Chains	Ascend 11 ft. over NE. slope.
	41.50	Low spur, slopes N.
		Descend 207 ft. over broken NW. slope.
	53.75	Wash, 40 lks. wide, course SW.
		Ascend 65 ft. over SE. slope.
	57.10	Spur, slopes S.
		Descend 69 ft. over SW. slope.
	59.33	Wash, 20 lks. wide, course SE.
		Ascend 148 ft. over SE. slope.
	63.60	Spur, slopes SE.
		Descend 24 ft. over SW. slope.
	68.40	Wash, 20 lks. wide, course SE.
		Ascend 213 ft. over SE. slope.
	78.30	Spur, slopes SW.
		Descend 14 ft. over W. slope.
	80.10	The cor. of secs. 7, 8, 17 and 18. Land. mountainous. Soil, rocky 4th, rate. Timber, scattering, cedar, pinon and oak. Undergrowth, scrub oak, mesquite and catclaw.
<hr/>		
		West, on true line, bet. secs. 7 and 18. Over mountainous land, through scattering timber and undergrowth.
	4.00	Descend 75 ft. over W. slope.
		Wash, 10 lks. wide, course SW.
	11.57	Descend along S.slope 174 ft.
		Wash, 10 lks. wide, course SE.
	16.00	Ascend 51 ft. over NE. slope.
		Spur, slopes SE.
	17.70	Head of draw, course S.
	20.00	Low spur, slopes S.
		Descend 251 ft. over SW. slope.
	30.40	Rocky wash, 10 lks.wide, course S.
		Ascend 130 ft. over SE. slope.
	33.30	Draw, course SE.
	40.00	Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bed rock, deposit a stone marked with a cross (x) at base of post, raise a mound of stone around post, 4 ft. base, 30 ins. high, for sec. cor. marked on brass cap
		S 7 $\frac{1}{4}$ ————— S18 1928
		No bearing trees available.
		Ascend 45 ft. over SE. slope.
	43.00	Head of draw, course SE.
	46.00	Low spur, slopes SE.
	49.70	Road, brs. N.45°E.; and S.45°W.
	50.00	Spur ridge, brs. NE and SW.
	69.60	Descend 233 ft. over NW. slope.
		Ravine, course N.
		Ascend 17 ft. over NE. slope.
	73.00	Low spur, slopes NW.
		Descend 172 ft. over NW. slope.
	78.90	Wash, 12 lks. wide, course N.
	79.28	Intersect the West boundary of the township., at a point 51 lks. N. of the cor of secs. 12 and 13 hereinbefore described.
		At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 7 and 18 marked on brass cap.

Survey of Subdivisions of T. 6 S., R. 20E.

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Chains	
	T6S R20E T6S S 7 C S12 R19E S18 1928
	No bearing trees available. Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, E. of cor. Land, mountainous. Soil gravelly, 3rd, rate. Timber, scattering cedar, pinon and oak. Undergrowth, scattering scrub oak, mesquite, catclaw and yucca.
	----- From cor. of secs. 7, 8, 17 and 18, N. $0^{\circ}3'W.$, bet. secs. 7 and 8. Over mountainous land, through scattering timber and undergrowth.
1.50	Descend 57 ft. over NW. slope.
3.20	Wash, 20 lks. wide, course SW.
12.00	Ascend 91 ft. over SE. slope.
	Spur, slopes W.
	Descend 120 ft. over NW. slope.
23.15	Wash, 20 lks. wide, course SW.
34.77	Ascend 146 ft. over SE. slope.
	An oak post, 4 ins. sq. 3 ft. above ground, in a mound of stone, 2 ft. base 2 ft. high, marked M 2 on NE. face, JI on SE. face, brs. S. $21^{\circ}W.$, 3.45 chs. dist.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, deposit a stone marked with a cross (x) at base of post, for $\frac{1}{4}$ sec. cor. marked on brass cap
	$\frac{1}{4}$ S7 S8 1928
	from which, a white oak, 14 ins. diam., brs. N. $77\frac{1}{4}^{\circ}W.$, 300 lks. dist., marked $\frac{1}{4}$ S 7 B T.
41.00	No other bearing tree available.
	Spur, slopes E.
	Descend 243 ft. over NE. slope.
49.10	Old road, brs. NE. and SW.
52.10	Wash, 20 lks. wide, course W.
56.70	Ascend 207 ft. over broken SE. slope.
62.50	Draw, course SE.
80.00	Old road, brs. S. $45^{\circ}E.$, and N. $45^{\circ}W.$. Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground to bed rock, raise a mound of stone around post, 4 ft. base 28 ins. high, for cor. of secs. 5, 6, 7 and 8 marked on brass cap
	T6S R20E S 6 S 5 + S 7 S 8 1928
	from which, a black oak, 8 ins. diam., brs. N. $5\frac{1}{4}^{\circ}E.$, 86 lks. dist., marked T 6 S R 20 E S 5 B T. a cedar, 4 ins. diam., brs. S. $39^{\circ}E.$, 92 lks. dist., marked B T only. a cedar, 4 ins. diam., brs. S. $77^{\circ}W.$, 127 lks. dist., marked B T only. a black oak, 8 ins. diam., brs. N. $27\frac{1}{4}^{\circ}W.$, 88 lks. dist., marked T 6 S R 20 E S 6 B T.

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Survey of Subdivisions of T. 6 S., R. 20 E.

	Chains	Land, mountainous. Soil gravelly 3rd, rate. Timber, scattering cedar, pinon and oak. Undergrowth, scattering scrub oak, mesquite, catclaw, and yucca.
40.00		S.89°58'E., on a random line, bet. secs. 5 and 8. Set temp $\frac{1}{4}$ sec. cor.
79.90		Fall 7 lks. N. of the cor. of secs. 4, 5, 8 and 9. Thence, N.89°55'W., on true line, bet. secs. 5 and 8. Over rolling land, through scattering timber and under- growth.
9.90		Descend 34 ft. over SW. slope. Wash, 20 lks. wide, course W.
18.66		Ascend 23 ft. over SE. slope. Fall 84 lks. N. of an oak post, 4 ins. sq. 3 ft. above ground, in a mound of stone, 3 ft. base, 2 ft. high, Marked "No. 2"
18.90		Spur, slopes SW. Descend 188 ft. over W. slope.
30.60		Draw, course SW. Ascend 135 ft. over E. slope.
38.90		Spur, slopes SW. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked on brass cap
39.95		S 5 $\frac{1}{4}$ ————— S 8 1928
		from which, a cedar, 14 ins. diam., brs. N.88 $\frac{1}{4}$ E., 88 lks. dist., marked $\frac{1}{4}$ S 5 B T. a cedar, 10 ins. diam., brs. S.74 $\frac{1}{4}$ E., 113 lks. dist., marked $\frac{1}{4}$ S 8 B T.
52.40		Ascend 174 ft. over NW. slope. Wash, 20 lks. wide, course SW.
57.90		Ascend 85 ft. over E. slope. Low spur, slopes S.
60.40		Ascend 85 ft. over SE. slope. Low spur, slopes SW.
71.40		Thence along S. slope. Wash, 10 lks. wide, course S.
74.20		Road, brs. N and S.
75.75		Wash, 10 lks. wide, course S.
79.90		Ascend 111 ft. over SE. slope. The cor. of secs. 5, 6, 7 and 8. Land, rolling. Soil, gravelly 3rd rate. Timber, scattering cedar pinon and oak. Undergrowth, scattering scrub oak, mesquite, catclaw and yucca.

3.00		West, on true line, bet. secs. 6 and 7. Over mountainous land, through scattering undergrowth. Ascend 301 ft. over SE. slope.
7.17		Old house, brs. S. about 5 chs. dist. Cor. No. 3, "Black Oak," patented mineral claim, brs. S.4°27'E., 3.99 chs. dist., Cor. No. 4, "Black Oak," identical with Cor. No. 1, "Acorn," and cor. No. 4 "Western," patented mineral claims, brs. N.4°27'W., 18.60 chs. dist. (Survey 2006)

Survey of Subdivisions of T. 6 S., R. 20 E.

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Chains 18.00	Rocky spur, slopes SE. Descend 242 ft. over SW. slope.
25.20	Cor. No. 2, "Impearl" patented mineral claim, brs. S.4°24'E., 7.71 chs. dist., cor. No. 1, "Impearl" identical with cor. No. 1, "Winsor", and cor. No. 2, "Apex", patented mineral claims brs N.4°24'W., 14.67 chs. dist. (Survey 2006)
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bed rock, raise a mound of stone around post, 3 ft. base, 18 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

S 6
 $\frac{1}{4}$ —————
 S 7
 1928

	U.S.Loc. Mineral Monument No.2006 brs.N.24°15'E., 25.74 chs. dist.
	No bearing trees available.
	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
46.00	Wash, 10 lks. wide, course S.20°W.
	Descend along S. slope.
52.50	Spur, slopes S.10°W.
	Descend 587 ft. over SW. slope.
74.50	Spur, slopes W. descend along spur.
79.09	Intersect the West boundary of the township at a point 63 lks. N. of the cor. of secs. 1 and 12, hereinbefore described. At point of intersection, set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground, for closing cor. of secs. 6 and 7, marked on brass cap

T6S
 T6S | R20E
 S 1 | S6 C
 R19E | C
 S7
 1928

No bearing trees available.
Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, E. of cor.
Land. mountainous.
Soil, gravelly 3rd rate.
Timber. none.
Undergrowth, scattering mesquite, scrub oak and yucca.

	From cor. of secs. 5,6,7 and 8, N.0°3'W., on true line, bet. secs. 5 and 6. Over mountainous land, through scattering timber and undergrowth.
12.00	Ascend 80 ft. over SE. slope.
20.00	Old road, brs. N.45°E, and S.45°W.
20.44	Low saddle brs.. E. 3 chs. dist.
	Cor. No. 2, "Acorn" patented mineral claim, brs. N.77°30'E., 29 lks.dist., (Survey 2006)
	Descend 225 ft. over NE. slope.
23.20	Road. brs. S.45°E., and N.45°W.
24.20	Road, brs. S.45°E., and N.45°W.
34.50	Road. brs. S.45°E., and N.45°W.
38.00	Wash, 50 lks. wide, course N.75°W.
40.00	Ascend 30 ft. over SW. slope. Set an iron post, 3 ft. long, 1 in.diam., 20 ins. in the ground to bed rock, raise a mound of stone around post. 3 ft. base, 16 ins. high, for $\frac{1}{4}$ sec. cor., marked on brass cap

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Survey of Subdivisions of T.6 S., R. 20 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S6} | \text{S5} \\ 1928 \end{array}$$

- No bearing trees available.
 Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
 Ascend 283 ft. over SW. slope.
 Cor. No. 3, "Acorn", patented mineral claim, brs. N. $77^{\circ}30' E.$,
 3.29 chs. dist. (Survey 2006)
 Old mine, 20 ft. deep, brs. E. 25 lks. dist.
 Spur, slopes NW.
 Descend 350 ft. over NE. slope.
 Draw, course NE.
 Wash, 30 lks. wide, course SW.
 Descend along W. slope.
 Intersect N. bdy. of Tp. (1st Standard Parallel South)
 at a point 12.65 chs. E. of the standard $\frac{1}{4}$ sec. cor.
 of sec. 31 hereinbefore described.
 At point of intersection, set an iron post, 3 ft. long,
 2 ins. diam., 18 ins. in the ground to bed rock, deposit
 a stone marked with a cross (x) at base of post, raise
 a mound of stone around post, 3 ft. base 18 ins. high,
 for closing cor. of secs. 5 and 6 marked on brass cap

$$\begin{array}{c} \text{T5SR20E} \\ \text{S31} \\ \hline \text{S} \ 6 \ | \ \text{S} \ 5 \\ \text{C} \ \text{C} \\ \text{T6SR20E} \\ 1928 \end{array}$$

from which,
 a cedar, 10 ins. diam., brs. S. $54\frac{1}{2}' E.$, .9 lks. dist.,
 marked T 6 S R 20 E S 5 C C B T.
 No other bearing tree available.
 Land, mountainous.
 Soil, rocky 4th, rate.
 Timber, scattering cedar, pinon and oak.
 Undergrowth, scattering scrub oak, mesquite and yucca.

FINAL TEST OF INSTRUMENTS.

April 15, 1928: on the meridian near the center of sec.
 29 T.6 S., R. 20 E., ~~hereinbefore~~ described.
 At 8h 00m. a.m.app.t., set off $32^{\circ}53'$ N. on the lat.
 arcs, $9^{\circ}50\frac{1}{2}'$ N. on the declination arcs, and determine a
 meridian with each solar, both of which agree with the true
 meridian.

At apparent noon, with the lat. arcs unchanged, observe
 the sun on the meridian, the resulting reading of the decl.
 arcs is $9^{\circ}54'$ N., which agrees with the computed decl.
 of the sun.

At 4h 00m. p.m.app.t., with the lat. arcs, unchanged, set
 off $9^{\circ}58'$ N., on the decl. arcs, and determine a meridian
 with each solar, both of which agree within 1' of the true
 meridian.

As all of the solar observations during the usual hours
 of solar work come within 1' of the true meridian
 conclude that the adjustments of the instruments
 were maintained in satisfactory adjustment, throughout
 the survey of this township.

GENERAL DESCRIPTION.

- LAND: Very rough mountains in south half of the township, becoming more rolling and lower in northern portion.
- SOIL: Gravelly and rocky 3rd and 4th rate.
- TIMBER: Yellow pine, fir, cedar, pinon and oak in the south portion of the township.
- UNDERGROWTH: Manzanita, scrub oak, catclaw and yucca.
- EVIDENCE OF MINERAL: There are several patented and unpatented mineral claims throughout the township, in 5, 6, 7, 8, 29, 33 and 34.
- WATER: Black Rock Creek, heads in sec. 4 and traverses through secs. 9, 10, 11, 13 and 14 leaving the township near the $\frac{1}{4}$ sec. cor. of sec. 13 on E. bdy of Tp.
- SETTLEMENT: The Grand Reef Mining Co., having a stamp mill, engine house and cabins in the NE. cor. of sec. 29. There are several old cabins in the NW cor. of sec. 33.
- INDUSTRY: The south and west half of the township are suitable for mining purposes, the NE. portion of the township is suitable for grazing.

BOOK 3871

4-680

FIELD ASSISTANTS.

to

Charles E. Hunter, U. S. Transitman.

CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK 78

I, Charles E. Hunter, U. S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Group 141, Arizona bearing date of the 23rd day of June, 1926, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

the Subdivision Lines of

Township 6 South, Range 20 East, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in and by diagram on page 1 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer, for Group 141, (Arizona), and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona.

Date: April 25, 1928

Charles E. Hunter
U. S. Transitman

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

, 19

The foregoing field notes of the survey of

executed by

under his special instructions dated , 19 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. 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.

U. S. Surveyor General.

BOOKS

4-680

FIELD ASSISTANTS.

to

William E. Hiester, U. S. Surveyor,

CERTIFICATE OF UNITED STATES SURVEYOR.

I, William E. Hiester, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Group 141, Arizona bearing date of the 23rd day of June, 1926, 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,^{re-} surveyed all those parts or portions of the West and South boundaries of Township 6 South, Range 20 East and surveyed all those parts or portions of the First Standard Parallel South in Range 20 East, the South and East boundaries and subdivision Lines of Township 6 South, Range 20 East of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ~~as~~ having been executed by me, and under 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 District Cadastral Engineer for Group 141, (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.

Place: Phoenix, Arizona,

Date: June 6, 1928.

William E. Hiester
U. S. Surveyor.

APPROVAL.

OFFICE OF THE U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., December 7, 1929

The foregoing field notes of the resurvey of the West boundary and Part (West half) of South Boundary of T. 6 S., R. 20 E., and of the survey of the First Standard Parallel South thru Range 20 East Part (completion) of the South Boundary. All of the East Boundary and All of the Subdivision Lines of Township 6 South, Range 20 East, of the Gila and Salt River Base and Meridian in the State of Arizona, executed by William E. Hiester, U. S. Surveyor and Charles E. Hunter, U. S. Transitman under special instructions dated June 23rd, 1926 for Group 141, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys and surveys they describe, are hereby approved.

Charles E. Hunter
U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in

, has been correctly copied from the original notes on file in this office.