

3250

67

Book "I"

4-679

DOK 3250

(Subdivisions)

1915

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

of

TOWNSHIP 27 NORTH, RANGE 18 WEST,

and

TOWNSHIP 27 NORTH, RANGE 19 WEST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

H. G. Bardsley, U. S. Surveyor, (T.27N.,R.18W.)

E. J. Lange, U. S. Surveyor (T.27N.,R.19W.)

and

Royston C. Durnford, U. S. Transitman (T.27N.,R.18W.)

S. Frank Walters, U. S. Transitman (T.27N.,R.19W.)

~~In the capacity of U. S. Surveyor~~, under instructions dated January 7, 1915,

issued by the United States Surveyor General to govern surveys included in

Group No. 45, which were approved by the Commissioner of the General Land

Office, January 26, 1915.

T.27N.,R.18W., Survey commenced May 13 1915.

T.27N.,R.19W., Survey commenced January 14 1916.

T.27N.,R.18W., Survey completed May 21 1915.

T.27N.,R.19W., Survey completed February 1 1916.

Executed under Assignment

Instructions dated Jan. 31, 1915, Nov. 29, 1915 and Dec. 10, 1915.

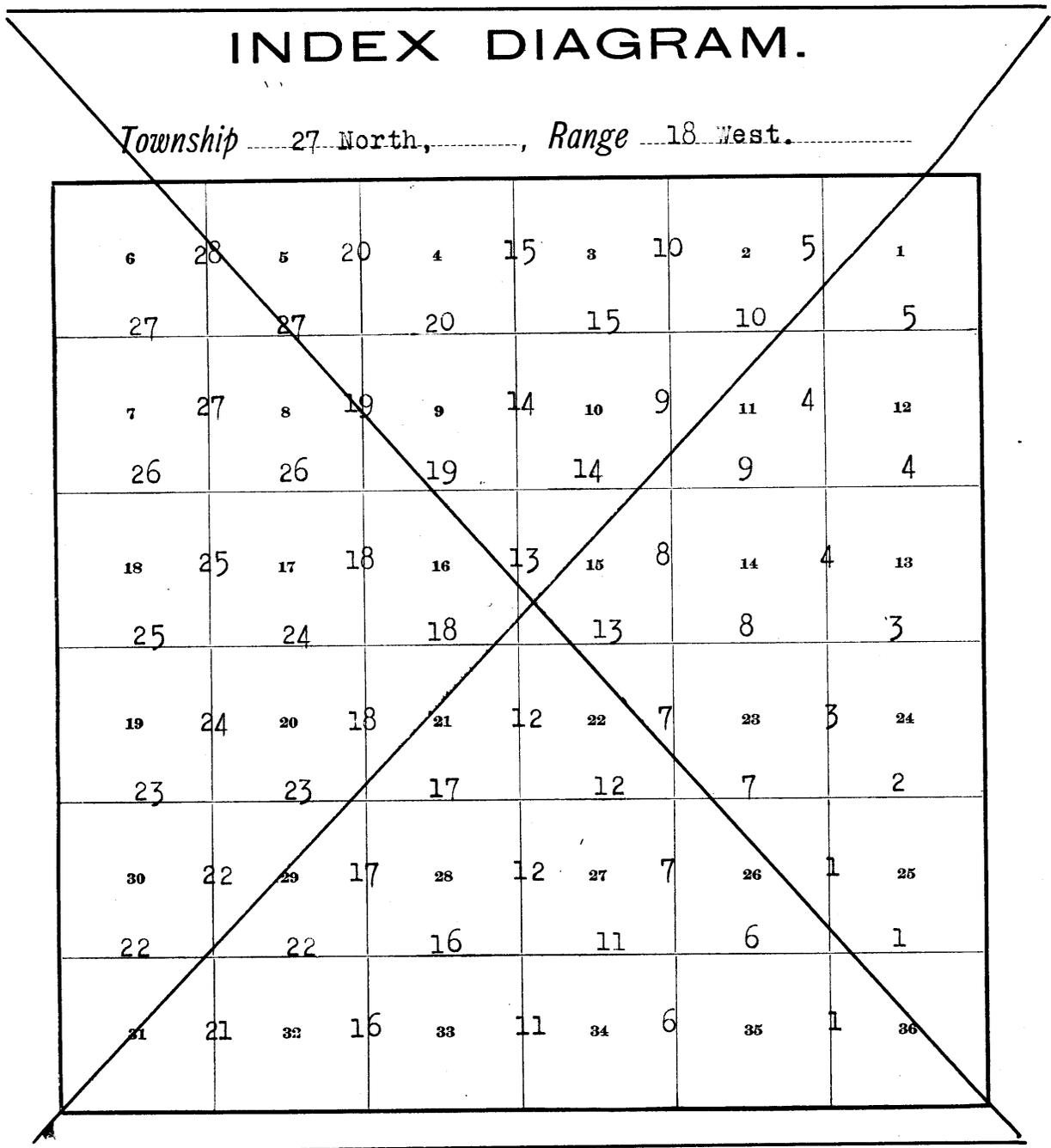
3250

3250

Book "I"

Group 45, ---Arizona.

SEE SPECIAL INDEX DIAGRAM.



~~Subdivision lines surveyed under this group.~~

~~Township boundaries surveyed under this group.
Notes in Book "A."~~

~~Township boundaries resurveyed under this group.
Notes in Book "A."~~

~~Accepted surveys.~~

BOOK 3250

Book "I"

Group 45 - - - Arizona.

SPECIAL INDEX DIAGRAM.

PART I.

<p>T. 27 N. R. 19 W. Index Diagram on Page 2.</p>	<p>T. 27 N. R. 18 W. See Index Diagram below.</p>
---	---

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

T. 27 N. R. 18 W.

-  Subdivision lines surveyed under this group.
-  Township boundaries surveyed under this group.
Notes in Book "A"
-  Township bdrs. retraced or resurveyed under this group.
Notes in book "A".
-  Accepted surveys.

Book "I"

Group 45 - - Arizona.

SPECIAL INDEX DIAGRAM.

PART II.

BOOK 3250

6	60	5	53	4	48	3	42	2	36	1
60		59		53		47		42		36
7	59	8	52	9	47	10	41	11	35	12
59		58		52		46		41		35
18	58	17	51	16	46	15	40	14	34	13
57		57		51		45		40		33
19	56	20	50	21	45	22	39	23	33	24
56		55		50		44		38		32
30	55	29	49	28	44	27	38	26	32	25
55		54		49		43		37		31
31	54	32	48	33	43	34	37	35	31	36

T. 27N. - R. 19W.

————— Subdivision lines surveyed under this group.

————— Township bdrs. surveyed under this group.
Notes in Book "A"

————— Tp. bdrs. retraced or resurveyed under this group.
Notes in Book "A"

Chains.

Surveys hereinafter described, executed by H.G. Bardsley, U.S. Surveyor and Royston C. Durnford, U.S. Transitman, on dates shown on diagrams on pages 63 and 67 hereof, using Young and Sons' light mountain transits Nos. 8532 and 8526 respectively, described in Book "A."

The initials "H.G.B." and "R.C.D." are inserted at the beginning and ending of those portions of the notes describing the respective surveys of H.G. Bardsley, U.S. Surveyor, and Royston C. Durnford, U.S. Transitman.

Recent and repeated tests of the instruments on a meridian established by observation on Polaris at elongation, demonstrate that they are in satisfactory adjustment.

H.G.B.

From the reestablished cor. of secs. 1, 2, 35 and 36, on the Sth bdy. of the Tp., which is an iron post, described in Book "A,"

N. 0° 1' W., bet. secs. 35 and 36.

Over level land, thru scattering undergrowth.

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

1915 on S. rim;

$\frac{1}{4}$ S 35 in W., and

S 36 in E half;

dig pits 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

53.20 Wash, 50 lks. wide, course NE.

66.00 Wash, 5 lks. wide, course NE.

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

1915 on S. rim,

T 27N R18W in N. half;

S26 in NW.,

S25 in NE.,

S36 in SE., and

S35 in SW. quadrant;

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

Land, level.

Soil, gravel, 3rd rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

The cor. of secs. 25, 30, 31 and 36 being plainly visible, I run for said cor. from last sec. cor.,

N. 89° 58' E., on a random line, bet. secs. 25 and 36.

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

80.04 Intersect E. bdy. of Tp., at the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. in diam., properly set, marked and witnessed as described by the surveyor general.

Thence,

S. 89° 58' W., on a true line, bet. secs. 25 and 36.

Over level land.

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

1915 on S. rim;

$\frac{1}{4}$ S 25 in N., and

S 36 in S. half;

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

40.45 Wash, 5 lks. wide, course N.

46.55 Wash, 40 lks. wide, course N. 10° E.

61.45 Wash, 40 lks. wide, course N. 40° E.

64.05 Wash, 5 lks. wide, course NE.

4. Subdivision of Township 27 North, Range 18 West.

Chains.

80.00 The cor. of secs. 25, 26, 35 and 36.
Land, level.
Soil, gravel, 3rd rate.
No timber or undergrowth.

H. G. B.

MAY 19, 1915.

R.C.D.

May 19, 1915: At 7h. Om., a.m., l.m.t., I set off $35^{\circ} 41\frac{1}{2}'$ N. on the lat. arc; $19^{\circ} 38'$ N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 25, 26, 35 and 36.

Thence,

N. $0^{\circ} 1' W.$, bet. secs. 25 and 26.

Over gently rolling land, thru scattering undergrowth.

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

1915 on S. rim;
 $\frac{1}{4}$ S 26 in W., and
S 25 in E. half;

dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

50.00 Center of wash, 1 chain wide, 2 ft. deep, course E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap,

1915 on S. rim;
T27N R18W in N. half;
S23 in NW.,
S24 in NE.,
S25 in SE., and
S26 in SW. quadrant;

dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.

Land, gently rolling.

Soil, stony and gravelly, 3rd rate.

No timber.

Undergrowth, greasewood and yucca.

MAY 20, 1915.

May 20, 1915: At 7h. Om. a.m., l.m.t., I set off $35^{\circ} 42\frac{1}{2}'$ N. on the lat. arc; $19^{\circ} 51'$ N., on the decl. arc; and determine a meridian with the solar at the cor. of secs. 23, 24, 25 and 26.

Thence,

N. $89^{\circ} 58' E.$, on a random line, bet. secs. 24 and 25.

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

79.88 Intersect E. bdy. of Tp., 5 lks. S. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. in diam., properly set, marked and witnessed as described by the Surveyor General.

Thence,

S. $89^{\circ} 56' W.$, on a true line, bet. secs. 24 and 25.

Over gently rolling land, thru scattering undergrowth.

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

1915 on S. rim;
 $\frac{1}{4}$ S24 in N., and
S25 in S. half;

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

Subdivision of T. 27 N., R. 18 W.

Chains.	
	N.0° 1' W., bet. secs. 13 and 14.
3.00	Over gently rolling land, through scattering undergrowth.
15.00	Dim road, brs. NW. and SE.
40.00	Center of wash, 80 lks. wide, 2 ft. deep, course E.
	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
	1915 on S. rim;
	$\frac{1}{4}$ S14 in W. and
	S13 in E. half;
67.90	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
80.00	W. of cor. Ditch in section 11.
	Traveled road, brs. NW. and SE.
	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
	ground, for cor. of secs. 11, 12, 13 and 14, marked on
	brass cap
	1915 on S. rim;
	T27N R18W in N. half;
	S11 in NW.,
	S12 in NE.,
	S13 in SE. and
	S14 in SW. quadrant;
	dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
	and raise a mound of earth, 4 ft. base, 2 ft. high,
	W. of cor.
	Land, gently rolling.
	Soil, gravelly and stony; 3rd rate.
	No timber.
	Undergrowth, greasewood, yucca and cacti.
40.00	N.89° 56' E., on a random line, bet. secs. 12 and 13.
79.90	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect E. bdy. of Tp., at the cor. of secs. 7, 12, 13
	and 18, which is an iron post, 3 ins. diam., properly
	set, marked and witnessed as described by the Surveyor-
	General.
	Thence
	S.89° 50' W., on a true line, bet. secs. 12 and 13.
28.80	Over gently rolling land, through scattering undergrowth.
39.95	Traveled road, brs. NE. and SW.
	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
	1915 on S. rim;
	$\frac{1}{4}$ S12 in N. and
	S13 in S. half;
	dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
	dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
	high, N. of cor.
79.90	The cor. of secs. 11, 12, 13 and 14.
	Land, gently rolling.
	Soil, gravelly and stony; 3rd rate.
	No timber.
	Undergrowth, greasewood and yucca.
	N.0° 1' W., bet. secs. 11 and 12.
13.70	Over gently rolling land, through scattering undergrowth.
40.00	Center of wash, 60 lks. wide, 2 ft. deep, course SE.
	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
	1915 on S. rim;
	$\frac{1}{4}$ S11 in W. and
	S12 in E. half;
	dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
	dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
	high, W. of cor.
60.70	Center of wash, 80 lks. wide, $1\frac{1}{2}$ ft. deep, course E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the

Subdivision of T. 27 N., R. 18 W.

Chains.

ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S2 in NW,
 S1 in NE.;
 S12 in SE. and
 S11 in SW. quadrant;
 dig pits, 18 X 18 X 12 ins. in each sec., 5½ ft. dist.;
 and raise a mound of earth, 4 ft. base, 2 ft. high,
 W. of cor.
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

R. C. D.
July 20, 1913.

40.00
79.96

H. G. B.
 N. 89° 56' E., on a random line, bet. secs. 1 and 12.
 Set temp. ¼ sec. cor.
 Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs.
 1, 6, 7 and 12, which is an iron post, 3 ins. diam.,
 properly set, marked and witnessed as described by the
 Surveyor-General.

39.98

Thence
 S. 89° 57' W., on a true line, bet. secs. 1 and 12.
 Over level land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 ¼ S1 in N. and
 S12 in S. half;
 dig pits, 18 X 18 X 12 ins., E and W. of post, 3 ft.
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, N. of cor.

54.85
79.96

Road, brs. NW. and SE.
 The cor. of secs. 1, 2, 11 and 12.
 Land, level.
 Soil, gravel; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

H. G. B.
July 20, 1913.

40.00
80.00

R. C. D.
 N. 0° 1' W., on a random line, bet. secs. 1 and 2.
 Set temp. ¼ sec. cor.
 Intersect N. bdy. of Tp. 17 lks. E. of the cor. of secs.
 1, 2, 35 and 36, which is an iron post, as described by
 H. G. B., as described in Book "A".

34.10
40.00

Thence
 S. 0° 8' E., on a true line, bet. secs. 1 and 2.
 Over gently rolling land, through scattering undergrowth.
 Center of wash, 60 lks. wide, 1½ ft. deep, course E.
 Set an iron post 3 ft. long, 1 in. diam., 2 ins. in the
 ground, for ¼ sec. cor. marked on brass cap

63.60
80.00

1915 on S. rim;
 ¼ S2 in W. and
 S1 in E. half;
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, W. of cor.
 Dim road, brs. NW. and SE.
 The cor. of secs. 1, 2, 11 and 12.
 Land, gently rolling.

Chains.

Soil, gravelly and stony; 3rd rate.
No timber.
Undergrowth, greasewood and yucca.

R. C. D.

H. G. B.

From the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which is an iron post, reestablished by me as described in Book "A",

N.0° 1' W., bet. secs. 34 and 35.

Over level land, through dense undergrowth.

39.20 Road, brs. NE. and SW.

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

1915 on S. rim;

 $\frac{1}{4}$ S34 in W. and

S35 in E. half;

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked on brass cap

1915 on S. rim;

T27N R18W in N. half;

S27 in NW.,

S26 in NE.,

S35 in SE. and

S34 in SW. quadrant;

dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, gravel; 3rd rate.

No timber.

Undergrowth, greasewood and cacti.

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

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

Intersect N. and S. line, 5 lks. S. of the cor. of secs. 25, 26, 35 and 36.

Thence

S.89° 58' W., on a true line, bet. secs. 26 and 35.

Over rolling land, through scattering undergrowth.

.30 Wash, 10 lks. wide, course N.15° E.

9.00 Road, brs. N.10° E. and S.10° W.

25.00 Asc. 70 ft. to

35.00 Ridge, brs. N. and S. Desc. 75 ft.

40.01 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

1915 on S. rim;

 $\frac{1}{4}$ S26 in N. and

S35 in S. half;

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

45.00 Foot of desc.; thence over level land.

58.10 Road, brs. NE. to Gold Basin, and SW.

80.02 The cor. of secs. 26, 27, 34 and 35.

Land, level and rolling.

Soil, gravel and stone; 4th rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

H. G. B.

Chains.

R.C.D.D.

N.0° 1' W., bet. secs. 26 and 27.
 Over gently rolling land, through scattering undergrowth.
 12.70 Center of wash, 1 ch. wide, 2½ ft. deep, course NE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 ¼S27 in W. and
 S26 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 73.10 Wash, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 22, 23, 26 and 27, marked on
 brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S22 in NW.,
 S23 in NE.,
 S26 in SE. and
 S27 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

N.89° 58' E., on a random line, bet. secs. 23 and 26.
 40.00 Set temp. ¼ sec. cor.
 79.90 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
 23, 24, 25 and 26.
 Thence
 West on a true line, bet. secs. 23 and 26.
 39.95 Over gently rolling land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 ¼S23 in N. and
 S26 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor.
 41.00 Dim road, brs. NE. and SW.
 49.90 Wash, 40 lks. wide, 1 ft. deep, course NE.
 79.90 The cor. of secs. 22, 23, 26 and 27.
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

N.0° 1' W., bet. secs. 22 and 23.
 Over rolling land, through scattering undergrowth.
 Asc. 20 ft. to
 2.50 Desc. 50 ft. to
 20.00 Asc. 30 ft. to
 25.00 Desc. 90 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 ¼S22 in W. and
 S23 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Asc. 80 ft. to

8.10

Subdivision of T. 27 N., R. 18 W.

Chains.	
47.70	Desc. 80 ft. to
55.00	Asc. 330 ft., over mountainous land, to
80.00	Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap 1915 on S. rim; T27N R18W in N. half; S15 in NW., S14 in NE., S23 in SE. and S22 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, rolling and mountainous. Soil, stony; 4th rate. No timber. Undergrowth, greasewood.
40.00	East on a random line, bet. secs. 14 and 23. Set temp. ¼ sec. cor.
79.80	Intersect N. and S. line, at the cor. of secs. 13, 14, 23 and 24. Thence West on a true line, bet. secs. 14 and 23. Over rolling land, through scattering undergrowth. Asc. 50 ft. to 10.00 Thence over level land. 33.40 Traveled road, brs. NW. and SE. 35.00 Leave level land. Asc. 125 ft. 39.90 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼S14 in N. and S23 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. 42.00 Low spur, slopes N. Desc; 60 ft. to 63.00 Gulch, course SE. Asc. 270 ft. to 79.80 The cor. of secs. 14, 15, 23 and 22. Land, level, rolling and mountainous. Soil, stony; 4th rate. No timber. Undergrowth, greasewood and yucca.
17.00	N.0° 1' W., bet. secs. 14 and 15. Over mountainous land, through scattering undergrowth. Asc. 15 ft. to 19.00 Desc. 265 ft. to 21.20 Foot of desc.; thence over gently rolling land. 28.30 Center of wash, 60 lks. wide, 2 ft. deep, course E. 40.00 Traveled road, brs. E. and W. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼S15 in W. and S14 in E. half; dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.

12.

Subdivision of T. 27 N., R. 18 W.

chains.

1915 on S. rim;
 T27N R18W in N. half;
 S3 in NW.,
 S2 in NE.,
 S11 in SE. and
 S10 in SW. quadrant;
 dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.;
 and raise a mound of earth, 4 ft. base, 2 ft. high,
 W. of cor.
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

R. C. D.

May 11, 1915: H. G. B.
 East on a random line, bet. secs. 2 and 11.
 40.00 Set temp. ¼ sec. cor.
 79.74 Intersect N. and S. line, 14 lks. S. of the cor. of secs.
 1, 2, 11 and 12.
 Thence
 S.89° 54' W., on a true line, bet. secs. 2 and 11.
 Over level land, through scattering undergrowth,
 39.87 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 S2 in N. and
 S11 in S. half;
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, N. of cor.
 79.74 The cor. of secs. 2, 3, 10 and 11.
 Land, level.
 Soil, gravel; 3rd rate.
 No timber.
 Undergrowth, greasewood and cacti.

H. G. B.

May 11, 1915: R. C. D.
 N.0° 1' W., on a random line, bet. secs. 2 and 3.
 40.00 Set temp. ¼ sec. cor.
 80.00 Intersect N. bdy. of Tp., 28 lks. E. of the cor. of secs.
 2, 3, 34 and 35, which is an iron post, described in
 Book "A."
 Thence
 S.0° 13' E., on a true line, bet. secs. 2 and 3.
 Over gently rolling land, through scattering undergrowth.
 2.20 Center of wash, 60 lks. wide, 2 ft. deep, course SE.
 14.80 Dim road, brs. NW. and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 S3 in W. and
 S2 in E. half;
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, W. of cor.
 49.00 Wash, 40 lks. wide, 20 ins. deep, course E.
 74.30 Dim road, brs. NW. and SE.
 80.00 The cor. of secs. 2, 3, 10 and 11.
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

Chains.

May 14, 1915: At 8 hrs. 4 m., a.m., l.m.t., I set off
 35° 41' N. on the lat. arc; 18° 29' N. on the decl. arc;
 and determine a meridian with the solar at the cor. of
 secs. 3, 4, 33 and 34, on the S.bdy. of the Tp., which
 is an iron post, reestablished by H.C.B., as described
 in Book "A."

Thence
 N.0° 2' W., bet. secs. 33 and 34.
 Over gently rolling land, through scattering undergrowth.
 Gulch, course NE.

30.40
 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
 1915 on S. rim;
 S33 in W. and
 S34 in E. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.

63.70
 80.00 Gulch, course E.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 27, 28, 33 and 34, marked on
 brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S28 in NW.,
 S27 in NE.,
 S34 in SE. and
 S33 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.

Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

May 18, 1915: At 8 hrs. 0 m., a.m., l.m.t., I set off
 35° 41 $\frac{1}{2}$ ' N. on the lat. arc; 19° 25' N. on the decl.
 arc; and determine a meridian with the solar at the
 cor. of secs. 27, 28, 33 and 34.

Thence
 East on a random line, bet. secs. 27 and 34.

40.00
 80.16 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect E. line, at the cor. of secs. 26, 27, 34
 and 35.

Thence
 West on a true line, bet. secs. 27 and 34.
 Over gently rolling land, through scattering undergrowth.

6.85
 40.08 Center of wash, 1 ch. wide, 30 ins. deep, course NE.
 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
 1915 on S. rim;
 S27 in N. and
 S34 in S. half;
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
 high, N. of cor.

80.16 The cor. of secs. 27, 28, 33 and 34.
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

14 12.

Subdivision of T. 27 N., R. 18 W.

Chains.

N.0° 2' W., bet. secs. 27 and 28.
 Over gently rolling land, through scattering undergrowth.
 Wash, 30 lks. wide, 3 ft. deep, course E.
 36.80 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 40.00 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S28 in W. and
 S27 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. *Site impracticable.*
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 21, 22, 27 and 28, marked on
 brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S21 in NW.,
 S22 in NE.,
 S27 in SE: and
 S28 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. *Site impracticable.*
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

East on a random line, bet. secs. 22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and E. line, at the cor. of secs. 22, 23, 26
 and 27.
 Thence
 West on a true line, bet. secs. 22 and 27.
 Over rolling and mountainous land, through scattering
 undergrowth.
 Asc. 175 ft. to
 27.25 Desc. 100 ft.
 40.05 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
 1915 on S. rim;
 $\frac{1}{4}$ S22 in N. and
 S27 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. *Site impracticable.*
 45.00 Wash, course SE. Asc. 100 ft. to
 80.10 The cor. of secs. 21, 22, 27 and 28.
 Land, rolling and mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and yucca.

N.0° 2' W., bet. secs. 21 and 22.
 Over rolling and mountainous land, through scattering
 undergrowth.
 Asc. 135 ft. to
 23.85 Desc. to
 25.40 Gulch, course SE. Asc. SW. slope, 320 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S21 in W. and
 S22 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

Subdivision of T. 27 N., R. 18 W.

Chains.

47.50 W. of cor.
 Rim rock, brs. NW. and SE. Thence over level land.
 72.30 Desc. steep N. slope, 210 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 15, 16, 21 and 22, marked on
 brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S16 in NW.,
 S15 in NE.,
 S22 in SE. and
 S21 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor.
 Land, rolling and mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and yucca.

40.00 East on a random line, bet. secs. 15 and 22.
 Set temp. 1/4 sec. cor.
 80.08 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
 14, 15, 22 and 23.
 Thence
 S. 89° 57' W., on a true line, bet. secs. 15 and 22.
 Over mountainous land, through scattering undergrowth.
 Asc. 105 ft. to
 18.00 Desc. 120 ft. to
 26.75 Asc. 100 ft. to
 34.55 Desc. 65 ft.
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap
 1915 on S. rim;
 1/4 S15 in N. and
 S22 in S. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.
 45.00 Asc. 90 ft. to
 55.00 Rocky point, slopes SE. Desc. 115 ft. to
 69.75 Asc. 30 ft. to
 80.08 The cor. of secs. 15, 16, 21 and 22.
 Land, mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and cacti.

18.00 N. 0° 2' W., bet. secs. 15 and 16.
 Over mountainous land, through scattering undergrowth.
 Desc. 210 ft. to
 37.50 Foot of desc.; thence over gently rolling land.
 Center of wash, 80 lks. wide, 2 ft. deep, course E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap
 1915 on S. rim;
 1/4 S16 in W. and
 S15 in E. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor.
 71.10 Traveled road, brs. NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 9, 10, 15 and 16, marked on
 brass cap

16.

Subdivision of T. 27 N., R. 18 W.

Chains.

	<p>1915 on S. rim; T27N R18W in N. half; S9 in NW., S10 in NE., S15 in SE. and S16 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. at the intersection. Land, mountainous and gently rolling; Soil, stony and gravelly; 3rd rate. No timber. Undergrowth, greasewood, yucca and cacti</p> <p style="text-align: right;">R. C. D.</p>
40.00	<p>H. G. B. N.89° 57' E., on a random line, bet. secs. 10 and 15. Set temp. ¼ sec. cor.</p>
80.06	<p>Intersect N. and S. line, 7 lks. S. of the cor. of secs. 10, 11, 14 and 15. Thence I</p>
36.00	<p>S.89° 54' W., on a true line, bet. secs. 10 and 15. Over rolling land, through scattering undergrowth. Center of wash, 1 ch. wide, course NE.</p>
40.03	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼S10 in N. and S15 in S. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. at the intersection.</p>
45.00	<p>Same wash, 1 ch. wide, course S.86° E.</p>
53.00	<p>Center of same wash, 1 ch. wide, course N.50° E.</p>
59.00	<p>Center of same wash, 1 ch. wide, course SE.</p>
68.00	<p>Wash, 20 lks. wide, course N.75° E.</p>
78.00	<p>Road, brs. S.60° E. and N.60° W.</p>
80.06	<p>The cor. of secs. 9, 10, 15 and 16. Land, rolling. Soil, gravel; 3rd rate. No timber. Undergrowth, greasewood and yucca.</p> <p style="text-align: right;">H. G. B.</p>
	<p>R. C. D.</p>
11.00	<p>N.0° 2' W., bet. secs. 9 and 10. Over gently rolling land, through scattering undergrowth. Traveled road, brs. NW. and SE.</p>
14.40	<p>Wash, 40 lks. wide, 1½ ft. deep, course NE.</p>
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1915 on S. rim; ¼S9 in W. and S10 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. at the intersection.</p>
46.70	<p>Wash, 40 lks. wide, 2 ft. deep, course E.</p>
60.00	<p>Dim road, brs. NE. and SW.</p>
77.30	<p>Dim road, brs. NE. and SW.</p>
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on b brass cap 1915 on S. rim; T27N R18W in N. half; S4 in NW., S3 in NE., S10 in SE. and S9 in SW. quadrant;</p>

Subdivision of T. 27 N., R. 18 W.

Chains.

and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor. ...
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

R. C. D.

40.00 N. 89° 54' E., on a random line, bet. secs. 3 and 10.
 Set temp. ¼ sec. cor.
 80.18 Intersect N. and S. line, 2 lks. N. of the cor. of secs.
 2, 3, 10 and 11.
 Thence,
 S. 89° 55' W., on a true line, bet. secs. 3 and 10.
 Over level land, through scattering undergrowth.
 2.60 Road, brs. N. and S.
 35 50 Road, brs. N. 85° E. and S. 85° W.
 40.09 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 183 in N. and
 S10 in S. half;
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, N. of cor.
 65.00 Wash, 5 lks. wide, course SE.
 77.00 Wash, 20 lks. wide, course S. 75° E.
 80.18 The cor. of secs. 3, 4, 9 and 10.
 Land, level.
 Soil, gravel; 3rd rate.
 No timber.
 Undergrowth, greasewood and cacti.

H. G. B.

40.00 N. 0° 2' W., on a random line, bet. secs. 3 and 4.
 Set temp. ¼ sec. cor.
 80.10 Intersect N. bdy. of Tp., 21 lks. E. of the cor. of secs.
 3, 4, 33 and 34, which is an iron post, described in
 Book "A", ...
 Thence,
 S. 0° 11' E., on a true line, bet. secs. 3 and 4.
 Over level land, through scattering undergrowth.
 13.00 Wash, 40 lks. wide, 2 ft. deep, course SE.
 16.80 Old road, brs. E. and W.
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1915 on S. rim;
 184 in W. and
 S3 in E. half;
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft.
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, W. of cor.
 47.50 Wash, 40 lks. wide, 2 ft. deep, course E.
 80.10 The cor. of secs. 3, 4, 9 and 10.
 Land, gently rolling.
 Soil, gravelly and stony; 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

18 1/2

Subdivision of T. 27 N., R. 18 W.

Chains.

From the cor. of secs. 32, 33, 4 and 5, on the S. bdy. of the Tp., which is an iron post, reestablished by H.C.B., as described in Book "A.",

N.0° 3' W., bet. secs. 32 and 33.

Over rolling and mountainous land, through scattering undergrowth.

Desc. 60 ft. to

4.00 Gulch, course NE. Asc. 115 ft. to

14.70 Desc. 85 ft. to

33.50 Gulch, course E. Asc. 70 ft.

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

1915 on S. rim;

1/4 S32 in W. and

S33 in E. half;

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

45.00 Desc. 35 ft. to

70.00 Gulch, course E. Asc. 75 ft. to

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

1915 on S. rim;

T27N R18W in N. half;

S29 in NW,

S28 in NE;

S33 in SE; and

S32 in SW. quadrant;

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

Land, rolling and mountainous.

Soil, stony; 4th rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

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

40.00 Set temp. 1/4 sec. cor.

79.94 Intersect 1/4 sec. line, at the cor. of secs. 27, 28, 33 and 34, as described in Book "A."

Thence

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

Over rolling and mountainous land, through scattering undergrowth.

Asc. 140 ft. to

33.50 Desc. 45 ft. to

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

1915 on S. rim;

1/4 S28 in N. and

S33 in S. half;

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

Asc. 70 ft. to

41.45 Low butte. Desc. 180 ft. to

60.55 Asc. 95 ft. to

65.35 Low ridge, brs. NW. and SE. Desc. 140 ft. to

73.45 Gulch, course SE. Asc. 55 ft. to

79.94 The cor. of secs. 28, 29, 32 and 33.

Land, rolling and mountainous.

Soil, stony; 4th rate.

No timber.

Undergrowth, greasewood and yucca.

Chains.

N. 0° 3' W., bet. secs. 28 and 29.
 Over rolling and mountainous land, through scattering undergrowth.
 16.50 Gulch, course SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S29 in W. and
 S28 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Asc. 50 ft. to
 49.00 Ridge, brs. NW. and SE. Desc. 100 ft. to
 63.20 Gulch, course E. Asc. 190 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S20 in NW.,
 S21 in NE,
 S28 in SE; and
 S29 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling and mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and yucca.

40.00 East on a random line, bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect H. and V. line, at the cor. of secs. 21, 22, 27 and 28.
 Thence
 West on a true line, bet. secs. 21 and 28.
 Over mountainous land, through scattering undergrowth.
 Asc. 160 ft. to
 20.40 Desc. 80 ft. to
 25.25 Asc. 125 ft. to
 33.60 Point of rocky ridge, slopes SE. Desc. 120 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S21 in N. and
 S28 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 54.70 Gulch, course SE. Asc. 410 ft. to
 80.00 The cor. of secs. 20, 21, 28 and 29.
 Land, mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.
 May 14, 1915: At this cor., I set off 35° 42' N. on the decl. arc; and at the same time, I determined the meridian; the resulting decl. is 35° 42' N.
 R. C. D.
 May 14, 1915.

May 20, 1915: H. G. B.
 At 7 hrs. 0 m., a.m., l.m.t., I set off 35° 42 $\frac{1}{2}$ ' N. on the lat. arc; 19° 51' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 20, 21, 28 and 29.

20.

Subdivision of T. 27 N., R. 18 W.

Chains.

Thence I run
 N.0° 3' W., bet. secs. 20 and 21.
 Over mountainous land, through scattering undergrowth.
 Desc. 300 ft. to
 19.40 Gulch, 30 lks. wide, course E. Asc. 325 ft. to
 33.45 Ridge, brs. E. and W. Desc. 270 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S20 in W. and
 S21 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Site impracticable.
 59.45 Center of wash, 60 lks. wide, course E. Asc. 90 ft. to
 80.00 Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the
 ground, for cor. of secs. 16, 17, 20 and 21, marked on
 brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S17 in NW.,
 S16 in NE.,
 S21 in SE. and
 S20 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Site impracticable.
 Land, mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and yucca.

H. G. B.
 1911, 1912.

Sec. 16, 17, 20, 21, 22: R. C. D.
 East on a random line, bet. secs. 16 and 21.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.16 Intersect N. and S. line, 7 lks. S. of the cor. of secs.
 16, 15, 21 and 22,
 Thence I run
 S.89° 57' W., on a true line, bet. secs. 16 and 21.
 Over mountainous land, through scattering undergrowth.
 Asc. NE. slope, 310 ft.
 40.08 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S16 in N. and
 S21 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Site impracticable.
 50.00 Desc. 20 ft. to
 60.00 Asc. 40 ft. to
 67.50 Rim rock, brs. N. and S. Desc. steep W. slope, 200 ft. to
 79.80 Gulch, course S. Asc. to
 80.16 The cor. of secs. 16, 17, 20 and 21.
 Land, mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood.

R. C. D.
 1911, 1912.

Sec. 16, 17, 20, 21, 22: H. G. B.
 N.0° 3' W., bet. secs. 16 and 17.
 Over rolling and mountainous land, through scattering
 undergrowth.
 Desc. to
 1.50 Gulch, 10 lks. wide, course S.20° E. Asc. 180 ft. to

Chains.

16.25 Ridge, brs. E. and W. Desc. 340 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S17 in W. and
 S16 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 49.80 Enter wash, course E.
 52.00 Leave wash, course E. Asc. slightly to
 70.00 Desc. to
 79.85 Wash 5 lks. wide, course E. Asc. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, marked on brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S8 in NW.,
 S9 in NE.,
 S16 in SE. and
 S17 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling and mountainous.
 Soil, gravel; 3rd rate.
 No timber.
 Undergrowth, yucca.

40.00 The cor. of secs. 9, 10, 15 and 16 being plainly visible, I run for said cor. from last sec. cor. East on a random line, bet. secs. 9 and 16.
 80.12 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect $\frac{1}{4}$ sec. cor. at the cor. of secs. 9, 10, 15 and 16.
 Thence
 West on a true line, bet. secs. 9 and 16.
 Over slightly rolling land, through scattering undergrowth.
 39.10 Road, brs. N.60° W. and S.60° E.
 40.06 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
 1915 on S. rim;
 $\frac{1}{4}$ S9 in N. and
 S16 in S. half;
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 48.10 Wash, 20 lks. wide, course S.75° E.
 67.10 Wash, 10 lks. wide, course N.75° E.
 80.12 The cor. of secs. 8, 9, 16 and 17.
 Land, slightly rolling.
 Soil, gravel; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

11.90 N.0° 3' W., bet. secs. 8 and 9.
 Over rolling land, through scattering undergrowth.
 25.40 Road, brs. E. and W.
 34.00 Wash, 5 lks. wide, course E.
 40.00 Wash, 30 lks. wide, course E.
 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
 1915 on S. rim;
 $\frac{1}{4}$ S8 in W. and
 S9 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

222

Subdivision of T. 27 N., R. 18 W.

Chains.	
45.00	Wash, 30 lks. wide, course SE.
58.60	Center of wash, 80 lks. wide, course S.75° E.
75.90	Wash, 20 lks. wide, course E.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap
	1915 on S. rim; T27N R18W in N. half; S5 in NW., S4 in NE., S9 in SE. and S8 in SW. quadrant; dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, rolling. Soil, gravel; 3rd rate. No timber. Undergrowth, yucca and cacti.
	May 20, 1915.
	May 21, 1915: At 10 hrs. 0 m., a.m., l.m.t., I set off S. 35° 45' N. on the lat. arc; 20° 4½' N. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 8 and 9.
	Thence I run East on a random line, bet. secs. 4 and 9.
40.00	Set temp. ¼ sec. cor.
80.16	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 3, 4, 9 and 10.
	Thence I run S. 89° 58' W., on a true line, bet. secs. 4 and 9. Over level land, through scattering undergrowth.
25.40	Road, brs. N. 15° W. and S. 15° E.
27.15	Wash, 10 lks. wide, course S. 75° E.
40.08	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap
	1915 on S. rim; ¼ S4 in N. and S9 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
45.15	Wash, 10 lks. wide, course S. 85° E.
50.15	Wash, 10 lks. wide, course N. 80° E.
54.65	Wash, 10 lks. wide, course S. 75° E.
75.15	Wash, 10 lks. wide, course N. 80° E.
80.16	The cor. of secs. 4, 5, 8 and 9. Land, level. Soil, gravel; 3rd rate. No timber. Undergrowth, yucca and cacti.
	May 21, 1915: At this cor., I set off S. 35° 45' N. on the lat. arc; and at a certain point, I determine the meridian with the solar; the resulting arc is 35° 45' N.
	May 21, 1915.
	N. 0° 3' W., on a random line, bet. secs. 4 and 5.
40.00	Set temp. ¼ sec. cor.
80.06	Intersect N. bdy. of Tp., at the cor. of secs. 4, 5, 32 and 33, which is an iron post, described in Book "A." described in Book "B".
	Thence, I run S. 0° 3' E., on a true line, bet. secs. 4 and 5. Over rolling land, through scattering undergrowth.

Chains.

10.05 Wash, 30 lks. wide, course E.
 28.05 Wash, 5 lks. wide, course E.
 36.15 Road, brs. N.35° W. and S.35° E.
 39.30 Road, brs. E.10° E. and S.10° W.
 40.06 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
 1915 on S. rim;
 $\frac{1}{4}$ S5 in W. and
 S4 in E. half;
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 40.30 Wash, 20 lks. wide, course E.
 43.05 Road, brs. N.60° E. and S.60° W.
 66.55 Wash, 30 lks. wide, course E.
 80.06 The cor. of secs. 4, 5, 8 and 9.
 Land, rolling.
 Soil, gravel; 3rd rate.
 No timber.
 Undergrowth, greasewood and yucca.

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is an iron post, reestablished by me, as described in Book "A.",
 N.0° 3' W., bet. secs. 31 and 32.
 Over heavily rolling land, through scattering undergrowth.
 Desc. 60 ft. to
 10.00 Asc. 90 ft. to
 19.80 Desc. 80 ft. to
 24.65 Wash, 30 lks. wide, course S.40° E. Asc. 15 ft. to
 34.60 Desc. 40 ft. to
 37.90 Wash, 5 lks. wide, course S.40° E. Asc. 50 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S31 in W. and
 S32 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 55.00 Desc. 125 ft. to
 59.60 Center of wash, 60 lks. wide, course S.30° E. Asc. 50 ft. to
 65.00 Desc. 30 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 29, 30, 31 and 32., marked on brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S30 in NW.,
 S29 in NE.,
 S32 in SE. and
 S31 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, heavily rolling.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood.

H. G. B.

May 17, 1915: R. C. D.
 At 8 hrs. 0 m., a.m., l.m.t., I set off 35° 41 $\frac{1}{2}$ ' N. on the lat. arc; 19° 11 $\frac{1}{2}$ ' N. on the decl. arc; and determine

Chains.

a meridian with the solar at the cor. of secs. 29, 30, 31 and 32.
 Thence 1 1/2 sec.
 East on a random line, bet. secs. 29 and 32.
 40.00 Set temp. 1/4 sec. cor.
 80.12 Intersect N. and E. line, at the cor. of secs. 28, 29, 32 and 33.
 Thence 1 1/2 sec.
 West on a true line, bet. secs. 29 and 32.
 Over mountainous and rolling land, through scattering undergrowth.
 Asc. 35 ft. to
 3.60 Desc. 75 ft. to
 10.50 Asc. 215 ft.
 40.06 No iron post available. Set a malpais stone, 18 X 10 X 8 ins., 12 ins. in in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. *Site impracticable.*
 53.70 Desc. 70 ft. to
 69.10 Gulch, course SE. Asc. 230 ft. to
 80.12 The cor. of secs. 29, 30, 31 and 32.
 Land, rolling and mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and yucca.
 May 17, 1915. At this cor., I set off 10° 13' 1" on the back. arc: had been marked soon. I observe the sun on the meridian; the declination is 55° 21' 1" N.

40.00 West on a random line, bet. secs. 30 and 31.
 Set temp. 1/4 sec. cor.
 78.86 Intersect W. bdy. of Tp., at the cor. of secs. 25, 30, 31 and 36, which is an iron post, established by H. C. B., as described in Book "A."
 Thence 1 1/2 sec.
 East on a true line, bet. secs. 30 and 31.
 Over mountainous land, through scattering undergrowth.
 Asc. 270 ft. to
 18.85 Low ridge, brs. NW. and SE. Desc. 45 ft.
 38.86 No iron post available. Set a malpais stone, 18 X 14 X 10 ins., 12 ins. in the ground, for 1/4 sec. cor., marked 1/4 on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. *Site impracticable.*
 44.10 Asc. 225 ft. to
 78.86 The cor. of secs. 29, 30, 31 and 32.
 Land, mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and yucca.

R. C. D.

H. C. B.,
 N.0° 3' W., bet. secs. 29 and 30.
 Over mountainous land, through scattering undergrowth.
 Asc. 145 ft. to
 19.80 Ridge, brs. E. and W. Desc. 15 ft. to
 20.80 Gulch, 5 lks. wide, course S.15° E. Asc. 20 ft. to
 29.80 Desc. slightly to
 33.80 Gulch, 15 lks. wide, course E. Asc. 335 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap
 1915 on S. rim;
 1/4 S30 in W. and
 S29 in E. half;

Chains.

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. ~~line impracticable.~~

63.55 Desc. 25 ft. to
64.55 Center of wash, 60 lks. wide, course E. Asc. 125 ft. to
69.10 Desc. 155 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 19, 20, 29 and 30, marked on
brass cap

1915 on S. rim;
T27N R18W in N. half;
S19 in NW.,
S20 in NE.,
S29 in SE. and
S30 in SW. quadrant;

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor. ~~line impracticable.~~

Land, mountainous.
Soil, stony; 4th rate.
No timber.
Undergrowth, yucca and cacti.

May 19, 1915: At 7 hrs. 0 m., a.m., l.m.t., I set off
35° 42½' N. on the lat. arc; 19° 38' N. on the decl.
arc; and determine a meridian with the solar at the
cor. of secs. 19, 20, 29 and 30.
The cor. of secs. 20, 21, 28 and 29 being plainly visible,
I run for said cor. from last sec. cor.
N. 89° 53' E., on a random line, bet. secs. 20 and 29.
40.00 Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line, at the cor. of secs. 20, 21, 28
and 29.
Thence I run
S. 89° 53' W., on a true line, bet. secs. 20 and 29.
Over rolling and mountainous land, through scattering
undergrowth.
Desc. 80 ft. to
8.00 Gulch, 3 lks. wide, course S. Asc. 85 ft. to
19.85 Ridge, brs. NW. and SE. Desc. 15 ft. to
27.90 Gulch, 3 lks. wide, course S. Asc. 235 ft.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap

1915 on S. rim;
¼ S20 in N. and
S29 in S. half;

and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor. ~~line impracticable.~~

49.90 Ridge, brs. NW. and SE. Desc. 60 ft. to
55.60 Gulch, 5 lks. wide, course SE. Asc. 90 ft. to
67.70 Ridge, brs. NW. and SE. Desc. 165 ft. to
74.70 Gulch, 20 lks. wide, course SE. Asc. 60 ft. to
80.00 The cor. of secs. 19, 20, 29 and 30.
Land, rolling and mountainous.
Soil, stony; 4th rate.
No timber.
Undergrowth, greasewood and yucca.

The cor. of secs. 19, 24, 25 and 30 being plainly visible,
I run for said cor. from last sec. cor.
West on a random line, bet. secs. 19 and 30.
40.00 Set temp. ¼ sec. cor.
78.74 Intersect W. bdy. of Tp., at the cor. of secs. 19, 24, 25
and 30, which is an iron post, established by me, as

Chains.

described in Book "A".
 Thence I run
 East on a true line, bet. secs. 19 and 30.
 Over rolling land, through scattering undergrowth.
 Desc. 630 ft.
 38.74 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
 1915 on S. rim;
 $\frac{1}{4}$ S19 in N. and
 S30 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor. Pits impracticable.
 May 14, 1915: The sky was overcast at noon, making no
 observation for dip. temperature. May 18, 1915.
 69.30 Gulch, course N.70° E. Asc. to
 78.74 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, yucca and cacti.

N.0° 3' W., bet. secs. 19 and 20.
 Over mountainous land, through scattering undergrowth.
 Desc. 95 ft. to
 2.05 Gulch, 30 lks. wide, course W. Asc. 345 ft. to
 19.40 Desc. 510 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S19 in W. and
 S20 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 55.50 Gulch, 30 lks. wide, course E. Asc. 395 ft. to
 71.00 Ridge, brs. E. and W. Desc. 80 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 17, 18, 19 and 20, marked on
 brass cap
 1915 on S. rim;
 T27N R18W in N. half;
 S18 in NW.,
 S17 in NE.,
 S20 in SE. and
 S19 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. Pits impracticable.
 Land, mountainous.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and yucca.
 May 21, 1915: The sky was overcast at noon, making no
 observation for dip. temperature. May 18, 1915.

H.G. B.

May 21, 1915: R. C. D.
 40.00 N.89° 53' E., on a random line, bet. secs. 17 and 20.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
 16, 17, 20 and 21.
 Thence I run
 S.89° 56' W., on a true line, bet. secs. 17 and 20.
 Over mountainous land, through scattering undergrowth.
 Asc. 320 ft. to
 16.50 Desc. 145 ft. to

28.

Subdivision of T. 27 N., R. 18 W.

Chains.

ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap

- 1915 on S. rim;
- T27N R18W in N. half;
- S7 in NW.,
- S8 in NE.,
- S17 in SE. and
- S18 in SW. quadrant;

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

Land, level and rolling.

Soil, stony; 4th rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

40.00
79.94

N.89° 56' E., on a random line, bet. secs.8 and 17.

Set temp. 1/4 sec. cor.

Intersect N. and S. line, 5 lks. N. of the cor. of secs. 9, 8, 16 and 17.

Thence I

S.89° 58' W., on a true line, bet. secs. 8 and 17.

Over rolling land, through scattering undergrowth.

24.65
39.97

Wash, 20 lks. wide, course SE.

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

- 1915 on S. rim.
- 1/4 S8 in N. and
- S17 in S. half;

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base,, 1 1/2 ft. high, N. of cor.

Thence over level land.

57.95
74.95
79.94

Wash, 40 lks. wide, course SE. Asc. to

Spur, slopes SE. Desc. 20 ft. to

The cor. of secs. 7, 8, 17 and 18.

Land, level and rolling.

Soil, gravel; 3rd rate.

No timber.

Undergrowth, greasewood, yucca and cacti.

40.00
78.30

S.89° 55' W., on a random line, bet. secs. 7 and 18.

Set temp. 1/4 sec. cor.

Intersect W. bdy. of Tp., 7 lks. S. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, described in Book "A" in series of Book "B".

Thence I

N.89° 58' E., on a true line bet. secs. 7 and 18.

Over gently rolling land, through scattering undergrowth.

30.00
38.30

Desc. 155 ft.

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

- 1915 on S. rim;
- 1/4 S7 in N. and
- S18 in S. half;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.

74.85
78.30

Wash, course SE. Asc. slightly to

The cor. of secs.7, 8, 17 and 18.

Land, level and gently rolling.

Soil, stony; 4th rate.

No timber.

Undergrowth, greasewood and yucca.

May 30, 1915: At this cor., I set off 19° 53' on the decl. arc: and as apparent noon, I observe the sun on the meridian; the resulting lat. is 39° 44' N.

Chains.

- N.0° 3' W., bet. secs. 7 and 8.
Over rolling land, through scattering undergrowth.
- 15.00 Wash, 30 lks. wide, course E.
19.00 Wash, 40 lks. wide, course E.
20.30 Center of wash, 60 lks. wide, course SE. Road brs. E. and W.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ S7 in W. and
S8 in E. half;
dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 65.000 Wash, 10 lks. wide, course SE.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap
1915 on S. rim;
T27N R18W in N. half;
S6 in NW.,
S5 in NE.,
S8 in SE. and
S7 in SW. quadrant;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rolling.
Soil, stony; 4th rate.
No timber.
Undergrowth, yucca, greasewood and cacti.
-
- N.89° 58' E., on a random line, bet. secs. 5 and 8.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. and S. line, 7 lks. S. of the cor. of secs. 4, 5, 8 and 9.
Thence
S.89° 55' W., on a true line, bet. secs. 5 and 8.
Over gently rolling land, through scattering undergrowth.
- 40.01 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
1915 on S. rim;
 $\frac{1}{4}$ S5 in N. and
S8 in S. half;
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 55.00 Wash, 10 lks. wide, course S.80° E.
70.00 Wash, 3 lks. wide, course SE.
75.00 Center of wash, 1 ch. wide, course S.60° E.
80.02 The cor. of secs. 5, 6, 7 and 8.
Land, gently rolling.
Soil, gravel; 3rd rate.
No timber.
Undergrowth, greasewood, yucca and cacti.
-
- S.89° 58' W., on a random line, bet. secs. 6 and 7.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
78.27 Intersect W. bdy. of Tp., 16 lks. N. of the cor. of secs. 1, 6, 7 and 12, which is an iron post, as described in Book "A".
Thence

30

Subdivision of T. 27 N., R. 18 W.

Chains.

N. 89° 51' E., on a true line, bet. secs. 6 and 7.
 Over rolling land, through scattering undergrowth.
 16.25 Center of wash, 60 lks. wide, course S. 15° E.
 18.00 Road, brs. N. 15° W. and S. 15° E.
 24.00 Road, brs. N. 60° W. and S. 60° E.
 28.30 Road, brs. NE. and SW.
 32.85 Wash, 5 lks. wide, course SE.
 38.27 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
 1915 on S. rim;
 $\frac{1}{4}$ S6 in N. and
 S7 in S. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor.
 Asc. to
 40.25 Spur, slopes SE. Desc. 40 ft. to
 48.25 Thence over rolling land.
 78.27 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood, yucca and cacti.

N. 0° 3' W., on a random line, bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. bdy. of Tp., 11 lks. E. of the cor. of secs.
 5, 6, 31 and 32, which is an iron post, established by
 me, as described in Book in "Book A."
 Thence, I run
 S. 0° 8' E., on a true line, bet. secs. 5 and 6.
 Over rolling land, through scattering undergrowth.
 Desc. 220 ft. to
 25.10 Wash, 10 lks. wide, course E. Asc. 65 ft. to
 38.00 Desc. 130 ft.
 39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S6 in W. and
 S5 in E. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor. Site impracticable.
 50.00 Wash, 40 lks. wide, course E. Asc. 30 ft.
 52.00 Road, brs. E. and W.
 60.00 Low spur, slopes S. 60° E. Desc. slightly to
 61.00 Wash, 5 lks. wide, course S. 50° E. Asc. 45 ft. to
 72.00 Low spur, slopes SE. Desc. 35 ft. to
 79.98 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, stony; 4th rate.
 No timber.
 Undergrowth, greasewood and yucca.

H. G.B.

Mar 20, 1915.

GENERAL DESCRIPTION.

This township embraces three classes of surface, level, rolling and mountainous. About two-thirds of the total area is rolling, one-sixth mountainous and one-sixth level. The soil of the rolling & level land is gravelly, 3rd rate, and of the mountainous land, rocky, 4th rate. There is no timber, and the undergrowth, which consists of yucca, greasewood & cacti, is scattering over the entire township. There is no permanent running water in the Tp. The drainage is in general easterly thru numerous dry washes into a large dry basin in the adjoining Tp. on the E. known as Red Lake. No evidence of valuable mineral deposits could be found; no settlers and no improvements. Three roads traverse the township.

Chains.

Surveys hereinafter described,, executed by E.J.Lange, U.S. Surveyor, and S.Frank Walters, U.S. Transitman, on dates shown on diagrams on pages 65 and 69 hereof, using Young and Sons' light mountain transits Nos. 8524 and 8489, respectively, described in Book "A."

Initials "E.J.L." and "S.F.W." are inserted at the beginning and ending of those portions of the notes describing the respective surveys by E.J.Lange, U.S. Surveyor, and S.Frank Walters, U.S. Transitman.

Recent and repeated tests of the instruments on a meridian established by observations on Polaris at elongation, demonstrate that they are in satisfactory adjustment.

S.F.W. Jan. 14, 1916,

At 8h. 4m. a.m. l.m.t., I set off 35°41' N. on the lat. arc; 21°24' S. on the decl. arc; and determine a meridian with the solar at the reestablished cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., which is an iron post, described in Book "A."

Thence,

N. 0° 1' W., bet. secs. 35 and 36.

Over rolling land, thru scattering undergrowth.

Ascend 95 ft. to

13.90 Spur, slopes SE. Descend slightly to

14.90 Ascend 100 ft. to

30.75 Descend 45 ft. to

34.70 Ascend 70 ft.

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

1916 on S. rim;
S35 1/4 in W., and
S36 in E. half;

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

42.00 Descend 30 ft. to

45.00 Ascend 45 ft. to

49.90 Thence over level land.

69.90 Ascend 125 ft. to

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

1916 on S. rim;
T27N R19W in N. half;
S26 in NW.,
S25 in NE.,
S36 in SE., and
S35 in SW. quadrant;

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

Land, rolling.

Soil, 4th rate.

No timber.

Undergrowth, yucca, greasewood, catclaw and cacti.

Some grass.

S.F.W.

E.J.L.

S. 89° 55' E., on a random line, bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect E. bdy. of Tp., 19 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, described in Book "A."

Thence,

S. 89° 57' W., on a true line, bet. secs. 25 and 36.

Over mountainous land, thru scattering undergrowth.

Ascend 100 ft. to

32. Subdivision of Township 27 North, Range 19 West.

Chains.

- 17.10 Rim rock, 5 ft. high, brs. N. 70° W., and S. 70° E. Descend 540 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
1916 on S. rim;
S 25 $\frac{1}{4}$ in N., and
S 36 in S half;
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- Continue descent to
- 71.30 Wash, 15 lks. wide, course SE. Ascend 55 ft. to
- 74.00 Thence over rolling land.
- 80.02 The cor. of secs. 25, 26, 35 and 36.
Land, rolling and mountainous.
Soil, rocky, 3rd rate.
No timber.
Undergrowth, yucca, greasewood, catclaw and cacti.
E. J. L.

S.F.W.

- N. 0° 1' W., bet. secs. 25 and 26.
Over broken land, thru. scattering undergrowth.
Ascend 30 ft. to
- 2.50 Descend 45 ft. to
- 9.95 Ascend 40 ft. to
- 13.40 Descend 20 ft. to
- 19.85 Ascend 95 ft. to
- 34.88 Spur, slopes S. 30° W. Descend 40 ft.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap,
1916 on S. rim;
S 26 $\frac{1}{4}$ in W., and
S 25 in E. half;
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 50.00 Ascend 50 ft. to
- 57.40 Descend 60 ft. to
- 64.85 Ascend 40 ft. to
- 72.80 Descend 25 ft. to
- 74.80 Ascend 30 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked on brass cap,
1916 on S. rim;
T 27 N R 19 W in N. half;
S 23 in NW.,
S 24 in NE.,
S 25 in SE., and
S 26 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- Land, broken.
Soil, sandy, 4th rate.
No timber.
Undergrowth, yucca, catclaw, mesquite, and cacti.

Jan. 19, 1916: At 9h. 54m. a.m., 1. mt., I set off 35° 42 $\frac{1}{2}$ ' N. on the lat. arc; 20° 28 $\frac{1}{2}$ ' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 23, 24, 25 & 26.

Thence,

- N. 89° 57' E., on a random line, bet. secs. 24 and 25.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.30 Intersect E. bdy. of Tp., 2 lks. S. of the cor. of secs.

Chains.

19, 24, 25 and 30, which is an iron post, described in Book "A." ...
 Thence I ...
 S.89° 56' W., on a true line, bet. secs. 24 and 25.
 Over rolling and broken land, through scattering undergrowth.
 Asc. 45 ft. to
 5.30 Thence over rolling mesa.
 40.15 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, 20 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap
 1916 on S. rim;
 S24 1/4 in N. and
 S25 in S. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 42.30 Edge of butte, brs. N.70° E. and S.70° W. Desc. 490 ft. to
 65.75 Asc. slightly to
 68.25 Ridge, brs. NW. and SE. Desc. 210 ft. to
 80.30 The cor. of secs. 23, 24, 25 and 26.
 Soil, sand and decomposed malpais; 4th rate.
 No timber.
 Undergrowth, yucca, cat claw and cacti.
 Land, rolling and broken.
 Some grass.

N.0° 1' W., bet. secs. 23 and 24.
 Over broken land, through scattering undergrowth.
 Desc. 40 ft. to
 2.44 Gulch, course W. Asc. 50 ft. to
 7.91 Ridge, brs. N.70° W. and S.70° E. Desc. 170 ft. to
 19.63 Gulch, course N.30° E. Asc. 80 ft. to
 29.50 Desc. 125 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap
 1916 on S. rim;
 S23 1/4 in W. and
 S24 in E. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Asc. rolling SE. slope, 245 ft. to
 77.76 Spur, slopes NE. Desc. 40 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, marked on brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S14 in NW.,
 S13 in NE.,
 S24 in SE. and
 S23 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, broken.
 Soil, sandy; 4th rate.
 No timber.
 Undergrowth, yucca, cat claw, greasewood and cacti.

Jan. 20, 1916: At this cor., I set off ...
 and determine a meridian with the solar at the cor. of

Jan. 20, 1916: At 9 hrs. 4 m., a.m., l.m.t., I set off
 35° 47 1/2' N. on the lat. arc; 20° 16 1/2' S. on the decl. arc;
 and determine a meridian with the solar at the cor. of

Subdivision of T. 27 N., R. 19 W.

Chains.

secs. 13, 14, 23 and 24.
 Thence I
 N.89° 56' E., on a random line, bet. secs. 13 and 24.
 40.00 Set temp. 1/4 sec. cor.
 80.13 Intersect E. bdy. of Tp., 9 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, described in Book "A." Wilson, U. S. Surveyor, as located in Book "C".

Thence I
 S.89° 52' W., on a true line, bet. secs. 13 and 24.
 Over rolling land, through scattering undergrowth.
 Asc. 30 ft. to
 5.00 Desc. 40 ft. to
 9.95 Asc. 15 ft. to
 12.90 Desc. 10 ft. to
 14.90 Asc. 30 ft. to
 18.35 Desc. 70 ft. to
 24.75 Asc. 25 ft. to
 29.75 Desc. 55 ft.
 40.06 1/2 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, 16 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap
 1916 on S. rim;
 S13 1/4 in N. and
 S24 in S. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

49.97 Gulch, course NE. Asc. 360 ft. to
 78.06 Spur, slopes NE. Desc. 15 ft. to
 80.13 The cor. of secs. 13, 14, 23 and 24.
 Land, rolling and mountainous.
 Soil, 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.
 Some grass.
 Jan. 20, 1916.

N.0° 1' W., bet. secs. 13 and 14.
 Over mountainous and broken land, through scattering undergrowth.
 Desc. 245 ft. to
 19.50 Gulch, course E. Asc. 200 ft. to
 40.00 Rocky spur, slopes SE. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap
 1916 on S. rim;
 S14 1/4 in W. and
 S13 in E. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Desc. 150 ft. to
 44.37 Gulch, course S.70° E. Asc. 135 ft. to
 54.14 Rocky spur, slopes E. Desc. 115 ft. to
 58.85 Gulch, course SE. Asc. 210 ft. to
 78.53 Ridge, brs. N.20° E. and SW. Desc. 25 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S11 in NW.,
 S12 in NE.,
 S13 in SE. and
 S14 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, mountainous and broken.
 Soil, sandy; 4th rate.
 No timber.

Chains.

Undergrowth, yucca, cat claw and cacti.
 Some bunch grass.
 From this cor., cor. No. 4 Rip Van Winkle, identical with cor. No. 1 Daisy, cor. No. 2 Monster, and cor. No. 3 Abe Lincoln Millsites, which is a stone in place, 2 X 3 X 1 ft. above ground, chiseled with a cross, and 1, 3, - 1256B, 4, 2, 1255B, BR, brs. N.15° 22' W., 21.83 chs. dist. This cor. is tied to U. S. L. M. No. 1256 Gold Basin Mining District.

Jan. 20, 1910.
 N.89° 52' E., on a random line, bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.16 Intersect E. bdy. of Tp., 2 lks. N. of the cor. of secs. 7, 12, 13 and 18, which is an iron post, described in Book "A." as follows: U. S. L. M. No. 1256, described in Book "A."
 Thence, S.89° 53' W., on a true line, bet. secs. 12 and 13.
 Over rolling land, through scattering undergrowth.
 2.00 Center of wash, 60 lks. wide, course SE. Asc. 165 ft. to
 35.82 Spur, slopes SE. Desc. 50 ft.
 40.08 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
 1916 on S. rim;
 S12 $\frac{1}{4}$ in N. and
 S13 in S. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high.
 N. of cor.
 40.20 Wash, course SE. Asc. 110 ft. to
 48.35 Desc. 45 ft. to
 54.80 Asc. 335 ft. to
 71.42 Ridge, brs. N.20° E. and S.20° W. Desc. 55 ft. to
 80.16 The cor. of secs. 11, 12, 13 and 14.
 Land, rolling.
 Soil, 4th rate.
 No timber.
 Undergrowth, greasewood, yucca, cat claw and cacti .
 Some bunch grass.
 Jan. 20, 1910: At this cor., I set out 200 15' S. on the sec. line and at present mark, I preserve the cap on the monument, the resulting dist. is 3, 144' S.
 Jan. 20, 1910.

N.0° 1' W., bet. secs. 11 and 12.
 Over broken land, through scattering undergrowth.
 Desc. 120 ft.
 0.08 Ranch house brs. N.38 $\frac{1}{2}$ ° W.
 9.82 Gulch, course W. Asc. 110 ft.
 11.96 Ranch house, brs. N.72° 10' W.
 27.21 Spur, slopes S.70° W. Desc. 65 ft. to
 34.60 Asc. 50 ft. to
 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
 1916 on S. rim;
 S11 $\frac{1}{4}$ in W. and
 S12 in E. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Desc. 80 ft. to
 54.90 Gulch, course SW. Asc. 120 ft. to
 67.25 Point of spur, slopes W. Thence along W. slope to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S2 in NW.,
 S1 in NE.,
 S12 in SE. and
 S11 in SW. quadrant;

36. Subdivision of T. 27 N., R. 19 W.

Chains.

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, broken.
Soil, sandy; 4th rate.
No timber.
Undergrowth, yucca, cat claw and cacti.
Some bunch grass.

Jan. 15, 1916.

40.00 N.89° 53' E., on a random line, bet. secs. 1 and 12.
Set temp. ¼ sec. cor.
80.10 Intersect E. bdy. of Tp., 7 lks. S. of the cor. of secs.
1, 6, 7 and 12, which is an iron post, described in
Book "A." as described in Book "30".
Thence
S.89° 50' W., on a true line, bet. secs. 1 and 12.
Over rolling and mountainous land, through scattering
undergrowth.
Asc. 40 ft. to
6.05 Spur, slopes SE. Desc. 80 ft. to
12.20 Asc. 25 ft. to
18.65 Desc. 20 ft. to
22.10 Asc. 30 ft. to
25.55 Desc. 60 ft. to
27.05 Gulch, course S.60° E. Asc. 40 ft. to
37.00 Point of spur, slopes NE. Desc. slightly, along N. slope
to
40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
S1 ¼ in N. and
S12 in S. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.
From this cor., U. S. L. M. No. 2, Gold Basin District,
brs. S.9° 4' W., 7.06 chs. dist. This monument is a
wooden post, 4 X 4 ins., extending 4 ft. above a mound
of stone, 6 ft. base, 5 ft. high, scribed U. S. on NW.
M. M. No. 2 on NE., G. B. M. D. on SE. and 1899 on SW.
face: From this monument, a granite stone, 16 X 24 X
22 ins. above ground, with cross (X) cut on top, and
mound of stone, E., brs. S. 22 lks. dist.
41.30 Same gulch, course N.70° E. Asc. 365 ft. to
68.60 Ridge, brs. N. and S. Desc. 215 ft. to
80.10 The cor. of secs. 1, 2, 11 and 12.
Land, rolling and mountainous.
Soil, 4th rate.
No timber.
Undergrowth, yucca, greasewood, cat claw and cacti.
S. F. W.

Jan. 24, 1916: E. J. L.
40.00 N.0° 1' W., on a random line, bet. secs. 1 and 2.
Set temp. ¼ sec. cor.
80.03 Intersect N. bdy. of Tp., 28 lks. E. of the cor. of secs.
1, 2, 35 and 36, which is an iron post, described in
Book "A." as described in Book "30".
Thence
S.0° 13' E., on a true line, bet. secs. 1 and 2.
Over rolling land, through scattering undergrowth.
Asc. 25 ft. to
2.00 Desc. slightly to
13.35 Asc. 95 ft.
14.35 Road, brs. E. and W.

Subdivision of T. 27 N., R. 19 W.

Chains.

22.40 Ridge, brs. S. and NE. Desc. 20 ft. on ridge to
 32.60 Asc. 70 ft. to
 40.03 Leave ridge, brs. N. and SW. 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
 1916 on S. rim;
 S2 $\frac{1}{4}$ in W. and
 S1 in E. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Desc. 180 ft. to
 55.35 Ascend.
 58.70 Road, brs. NE. and S. 10° W.
 60.35 Low ridge, brs. NW. and SE. Desc. slightly to
 80.03 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling.
 Soil, 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.

At 8 hrs. 7 m., a.m., l.m.t., I set off 35° 41' N. on the
 lat. arc; 21° 24' S. on the decl. arc; and determine
 a meridian with the solar at the reestablished corner of
 secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., which
 is an iron post, described in Book "A."

Thence, I
 N.0° 1' W., bet. secs. 34 and 35.
 Over rolling land, through scattering undergrowth.
 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
 1916 on S. rim;
 S34 $\frac{1}{4}$ in W. and
 S35 in E. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 44.96 Wash, 15 lks. wide, course W.
 46.47 Road, brs. E. and W. Asc. 345 ft. to
 72.32 Top of hill. Desc. 160 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 26, 27, 34 and 35, marked on
 brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S27 in NW.,
 S26 in NE.,
 S35 in SE. and
 S34 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling and mountainous.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, yucca, rabbit brush and cacti.

40.00 S. 89° 55' E., on a random line, bet. secs. 26 and 35.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.09 Intersect N. and S. line, 19 lks. S. of the cor. of secs.
 25, 26, 35 and 36.
 Thence
 S. 89° 57' W., on a true line, bet. secs. 26 and 35.
 Over rolling and mountainous land, through scattering
 undergrowth.
 Asc. 35 ft. to
 2.85 Desc. 105 ft. to

Chains.
 8.80 Asc. 70 ft. to
 18.75 Desc. 140 ft. to
 32.00 Asc. 50 ft.
 40.04½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S26 ¼ in N. and
 S35 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor.
 44.40 Desc. 110 ft. to
 54.70 Asc. 75 ft. to
 71.10 Desc. 45 ft. to
 80.09 The cor. of secs. 26, 27, 34 and 35.
 Land, rolling and mountainous.
 Soil, gravel and rocks; 2nd rate.
 No timber.
 Undergrowth, yucca, greasewood, sagebrush, rabbit brush
 and cacti.

Jan. 21, 1916: At 8 hrs. 30 m., a.m., 1.m.t., I set off
 35° 41½' N. on the lat. arc; 20° 3' S. on the decl. arc;
 and determine a meridian with the solar at the cor. of
 secs. 26, 27, 34 and 35.

Thence

N.0° 1' W., bet. secs. 26 and 27.

Over broken land, through scattering undergrowth.

Desc. 80 ft. to

9.30 Asc. 20 ft. to

13.40 Desc. 70 ft. to

30.88 Wash, 50 lks. wide, course W. Asc. slightly to

35.45 Desc. slightly to

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground, in a mound of stone, for ¼ sec. cor., marked on
 brass cap

1916 on S. rim;

S27 ¼ in W. and

S26 in E. half;

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

Asc. 225 ft. to

69.90 Desc. 25 ft. to

73.50 Asc. 80 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the
 ground, in a mound of stone, for cor. of secs. 22, 23,
 26 and 27, marked on brass cap

1916 on S. rim;

T27N R19W in N. half;

S22 in NW.,

S23 in NE.,

S26 in SE. and

S27 in SW. quadrant;

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

Land, broken.

Soil, gravel and rocks; 2nd rate.

No timber.

Undergrowth, yucca, cat claw, rabbit brush and cacti.

N.89° 57' E., on a random line, bet. secs. 23 and 26.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect N. and S. line, 16 lks. S. of the cor. of secs.
 23, 24, 25 and 26.

Subdivision of T. 27. N., R. 19 W.

Chains.	
	Thence down S.89° 50' W., on a true line, bet. secs. 23 and 26. Over mountainous land, through scattering undergrowth. Desc. 140 ft. to
8.60	Gulch, course S.10° W. Asc. 75 ft. to
12.10	Spur, slopes S. Desc.195 ft. to
19.95	Asc. 30 ft. to
24.85	Spur, extends 15 chs. S. Desc. 45 ft. to
28.85	Asc. 85 ft. to
38.85	Ridge, brs. S. and NW. Desc. 35 ft.
39.98	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; S23 $\frac{1}{4}$ in N. and S26 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
42.75	Asc. 40 ft. to
47.70	Desc. 140 ft. to
53.65	Asc. 35 ft. to
64.20	Desc. 50 ft. to
69.10	Asc. 40 ft. to
73.95	Desc. 80 ft. to
79.96	The cor. of secs. 22, 23, 26 and 27. Land, mountainous. Soil, rocky; 3rd rate. No timber. Undergrowth, yucca, cat claw, rabbit brush and cacti. Some grass. Jan. 21, 1916: At this cor., I set off 200 240 S. on the 1916. post; and at apparent noon, I observe the sun on the meridian; the resulting lat. is 33° 42' N.
	N.0° 1' W., bet. secs. 22 and 23. Over mountainous land, through scattering undergrowth. Asc. 335 ft. to
14.05	Ridge, brs. E. and W. Desc. 335 ft. to
38.41	Wash, 20 lks. wide, course W. Asc. 175 ft.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap 1916 on S. rim; S22 $\frac{1}{4}$ in W. and S23 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
50.60	Ridge, brs. E. and W. Desc. 170 ft. to
65.30	Foot of descent; thence over level land.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the ground, in a mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap 1916 on S. rim; T27N R19W in N. half; S15 in NW., S14 in NE., S23 in SE. and S22 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, rocky; 3rd rate. No timber. Undergrowth, yucca, cat claw, rabbit brush, greasewood and cacti. Some grass.

340.

Subdivision of T. 27 N., R. 19 W.

Chains.

N. 89° 50' E., on a random line, bet. secs. 14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Intersect N. and S. line, 9 lks. N. of the cor. of secs.
 13, 14, 23 and 24.
 Thence
 S. 89° 54' W., on a true line, bet. secs. 14 and 23.
 Over rolling and mountainous land, through scattering under-
 growth.
 Desc. 85 ft. to
 5.20 Asc. slightly to
 10.20 Ridge, brs. N. and S. Desc. 325 ft.
 35.35 Abandoned house brs. S. 6 chs. dist.
 39.96 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
 1916 on S. rim;
 S14 $\frac{1}{4}$ in N. and
 S23 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 40.70 Wash, 15 lks. wide, course NW. Asc. to
 42.40 Desc. 35 ft. to
 48.05 Wash, 25 lks. wide, course S. 80° W. Asc. 40 ft. to
 60.00 Thence along S. slope, descending 150 ft., to
 70.85 Wash, 40 lks. wide, course N. 80° W. Road in wash, brs.
 N. 80° W. and S. 80° E. Asc. 15 ft. to
 74.90 Desc. 35 ft. to
 79.92 The cor. of secs. 14, 15, 22 and 23.
 Land, rolling and mountainous.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, yucca, cat claw, sagebrush, rabbit brush and
 cacti.
 Some grass.

Jan. 24, 1916: At 10 hrs. 0 m., a.m., l.m.t., I set off
 35° 43 $\frac{1}{2}$ ' N. on the lat. arc; 19° 22 $\frac{1}{2}$ ' S. on the decl.
 arc; and determine a meridian with the solar at the
 cor. of secs. 14, 15, 22 and 23.
 Thence
 N. 0° 1' W., bet secs. 14 and 15.
 Over rolling land, through scattering undergrowth.
 4.75 Wash, 40 lks. wide, course SW. Comes from SE. Road in
 wash, brs. W. and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on
 brass cap
 1916 on S. rim;
 S15 $\frac{1}{4}$ in W. and
 S14 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 41.10 Wash, 15 lks. wide, course S. 70° W.
 50.00 Asc. 235 ft. to
 70.73 Spur, slopes W. 50 chs. Desc. 140 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in the
 ground, in a mound of stone, for cor. of secs. 10, 11,
 14 and 15, marked on brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S10 in NW.,
 S11 in NE.,
 S14 in SE. and
 S15 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling.
 Soil, rocky and gravelly; 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca, cat claw, sagebrush, rabbit-

Chains.

brush and cacti.

40.00 N.89° 54' E., on a random line, bet. secs. 11 and 14.
 Set temp. 1/4 sec. cor.
 79.94 Intersect N. and S. line, 14 lks. N. of the cor. of secs.
 11, 12, 13 and 14.

Thence
 West on a true line, bet. secs. 11 and 14.
 Over mountainous land, through scattering undergrowth.
 Desc. 80 ft. to
 4.25 Asc. 110 ft. to
 14.55 Spur, slopes N. 30 chs. Desc. 290 ft. to
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., marked on brass cap
 1916 on S. rim;
 S11 1/4 in N. and
 S14 in S. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 N. of cor.

Asc. to
 42.55 Spur, slopes N.20 chs. Desc. 140 ft. to
 68.50 Wash, 40 lks. wide, course N.85° W. Comes from NE. Road
 in wash, brs. N.85° W. and NE. Asc. 35 ft. to
 79.94 The cor. of secs. 10, 11, 14 and 15.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, yucca, sagebrush, cacti and cat claw.

N.0° 1' W., bet. secs. 10 and 11.
 Over mountainous land, through scattering undergrowth.
 Desc. 55 ft. to
 2.78 Wash, 30 lks. wide, course N.80° W. Road in wash, brs. N.
 80° W. and S.80° E. Asc. 320 ft. to
 36.33 Spur, slopes SE. 35 chs. Desc. 60 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground, in a mound of stone, for 1/4 sec. cor., marked on
 brass cap

1916 on S. rim;
 S10 1/4 in W. and
 S11 in E. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor.
 Jan. 24, 1916: At this cor. I set 1916 on S. rim; S10 1/4 in W. and
 S11 in E. half; and at 1/4 sec. cor. I set 1916 on S. rim; S10 1/4 in W. and
 S11 in E. half; the course of line is 89° 45' E.

Asc. 130 ft. to
 45.87 Thence along E. slope to
 50.87 Ridge, brs. NE. and SW. Desc. 260 ft. to
 67.97 Wash, 20 lks. wide, course SW. Asc. 215 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 2, 3, 10 and 11, marked on
 brass cap

1916 on S. rim;
 T27N R19W in N. half;
 S3 in NW.,
 S2 in NE.,
 S11 in SE. and
 S10 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high,
 W. of cor.
 Land, mountainous.
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, yucca, sagebrush, rabbit brush and cacti.

42. Subdivision of T. 27 N., R. 19 W.

Chains.	
	East on a random line, bet. secs. 2 and 11.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. and S. line, 35 lks. S. of the cor. of secs. 1, 2, 11 and 12.
	Thence
	S. $89^{\circ} 45'$ W., on a true line, bet. secs. 2 and 11.
	Over mountainous land, through scattering undergrowth.
	Desc. slightly to
0.60	Wash, 15 lks. wide, course S. Road in wash, brs. N. and S.
	Asc. 155 ft. to
8.70	Ridge, brs. N. and S. Desc. 145 ft. to
16.20	Wash, 20 lks. wide, course SW. Asc. 145 ft. to
25.35	Spur, extends 35 chs. S. Desc. 115 ft. to
31.90	Asc. 85 ft. to
36.70	Spur, extends 20 chs. S. Desc. 185 ft.
40.06	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap
	1916 on S. rim;
	S2 $\frac{1}{4}$ in N. and
	S11 in S. half;
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
48.05	Wash, 10 lks. wide, course SW. Comes from N. Asc. 155 ft. to
55.80	Spur, extends 10 chs. S. Desc. 205 ft. to
71.45	Wash, 10 lks. wide, course SE. Asc. NE. slope, 140 ft.
77.00	Spur, slopes SE. 10 chs. Asc. SE. slope to
80.12	The cor. of secs. 2, 3, 10 and 11.
	Land, mountainous.
	Soil, rocky; 3rd rate.
	No timber.
	Undergrowth, yucca, sagebrush, rabbit brush and cacti.
	Some grass.
	Jan. 25, 1916: At 8 hrs. 32 m., a.m., l.m.t., I set off $35^{\circ} 45'$ N. on the lat. arc; $19^{\circ} 8'$ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 10 and 11.
	Thence
	N. $0^{\circ} 1'$ W., on a random line, bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.21	Intersect N. bdy. of Tp., 30 lks. E. of the cor. of secs. 2, 3, 34 and 35, which is an iron post, described in Book "A." referred to Book "B."
	Thence
	S. $0^{\circ} 14'$ E., on a true line, bet. secs. 2 and 3.
	Over mountainous land, through scattering undergrowth.
	Asc. 20 ft. to
2.10	Desc. 105 ft. to
6.80	Center of wash, 60 lks. wide, course W. Road in wash, brs. E. and W. Asc. 70 ft. to
12.10	Desc. 35 ft. to
14.50	Asc. 70 ft. to
35.10	Desc. 40 ft.
40.21	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
	1916 on S. rim;
	S3 $\frac{1}{4}$ in W. and
	S2 in E. half;
	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
42.40	Asc. 210 ft. to
56.30	Ridge, brs. NE. and SW. Desc. 95 ft. to
60.65	Asc. 30 ft. to
65.65	Desc. 50 ft. to
66.45	Asc. 70 ft. to
78.75	Desc. 25 ft. to
80.21	The cor. of secs. 2, 3, 10 and 11

Subdivision of T. 27 N., R. 19 W.

chains.

Land, mountainous.
Soil, rocky; 3rd rate.
No timber.
Undergrowth, yucca, cat claw, sagebrush, rabbit brush and cacti.
Some grass.

E. J. L.

Jan. 24, 1916: S. F. W.
At 10 hrs. 0 m., a.m., l.m.t., I set off 35° 41' N. on the lat. arc; 19° 22½' S. on the decl. arc; and determine a meridian with the solar at the reestablished cor. of secs. 3, 4, 33 and 34. on S. boundary of the Tp., which is an iron post, described in Book "A."

Thence,
N.0° 2' W., bet. secs. 33 and 34.
Over rolling land, through scattering undergrowth.
Desc. to
5.00 Gulch, course N.70° W. Asc. 55 ft. to
12.94 Spur, slopes NW. Desc. 20 ft. to
15.00 Asc. 25 ft. to
19.75 Desc. 90 ft. to
29.70 Gulch, course N.60° W. Asc. slightly to
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

1916 on S. rim;
S33 ¼ in W. and
S34 in E. half;
and raise a mound of stone, 2ft. base, 1½ ft. high,
W. of cor.

47.50 Asc. 40 ft. to
50.00 Desc. 20 ft. to
56.40 Asc. 55 ft. to
59.80 Spur, slopes NW. Desc. 50 ft. to
69.40 Asc. 125 ft. to
78.50 Desc. 45 ft. to
80.00 Wash, course NW. Road in wash, brs. N.70° W. and S.70° E.

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap

1916 on S. rim;
T27N R19W in N. half;
S28 in NW.,
S27 in NE.,
S34 in SE. and
S33 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

Land, rolling.
Soil, 2nd and 4th rate.
No timber.
Undergrowth, yucca, cat claw, greasewood and cacti.
Some bunch grass.

Jan. 29, 1916. At 8 hrs. 0 m., a.m., l.m.t., I set off 35° 41½' N. on the lat. arc; 18° 7' S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 27, 28, 33 and 34.

Thence
40.00 S.89° 55' E., on a random line, bet. secs. 27 and 34.
80.24 Set temp. ¼ sec. cor.
Intersect N. and S. line, 35 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence
S.89° 50' W., on a true line, bet. secs. 27 and 34.

Chains.

Over rolling land, through scattering undergrowth.
 Asc. 50 ft. to
 11.25 Desc. 26 5 ft. to
 35.25 Asc. 60 ft.
 40.12 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
 1916 on S. rim;
 S27 $\frac{1}{4}$ in N. and
 S34 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 45.50 Desc. 240 ft. to
 80.24 The cor. of secs. 27, 28, 33 and 34.
 Land, rolling.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, yucca, cat claw, and cacti.
 Some bunch grass.

N.0° 2' W., bet. secs. 27 and 28.
 Over rolling land, through scattering undergrowth.
 Desc. 15 ft. to
 5.00 Asc. 85 ft. to
 14.90 Desc. 75 ft. to
 24.75 Asc. 50 ft. to
 28.70 Desc. 15 ft. to
 29.65 Asc. 25 ft. to
 34.65 Desc. 55 ft. to
 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
 1916 on S. rim;
 S28 $\frac{1}{4}$ in W. and
 S27 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Continue over rolling W. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 21, 22, 27 and 28, marked on
 brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S21 in NW.,
 S22 in NE.,
 S27 in SE. and
 S28 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.
 Some bunch grass.

S. F. W.

E. J. L.
 Jan. 29, 1916: At 9 hrs. 7 m., a.m., l.m.t., I set off
 35° 42 $\frac{1}{2}$ ' N. on the lat. arc; 18° 7 $\frac{1}{2}$ ' S. on the decl. arc;
 and determine a meridian with the solar at the cor. of
 secs. 21, 22, 27 and 28.
 Thence I
 N.89° 50' E., on a random line, bet. secs. 22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Intersect N. and S. line, 37 lks. N. of the cor. of secs.
 22, 23, 26 and 27.

Subdivision of T. 27 N., R. 19 W.

Chains.

Thence
 N.89° 54' W., on a true line, bet. secs. 22 and 27.
 Over broken land, through scattering undergrowth.
 Asc. slightly to
 13.63 Spur, slopes S.80° W., 30 chs. Desc. 280 ft.
 39.94 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
 1916 on S. rim;
 S22 $\frac{1}{4}$ in N. and
 S27 in S. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 N. of cor.
 43.25 Wash, 15 lks. wide, course SW. Asc. slightly to
 53.00 Desc. 70 ft. to
 62.90 Asc. 45 ft. to
 70.30 Desc. 90 ft. to
 79.88 The cor. of secs. 21, 22, 27 and 28.
 Land, rolling and broken..
 Soil, rocky; 3rd rate.
 No timber.
 Undergrowth, yucca, cacti, greasewood, sagebrush and rabbit-
 brush.

E. J. L.

S. F. W.
 N.0° 2' W., bet. secs. 21 and 22.
 Over rolling W. slope, through scattering undergrowth.
 40.00 Set an iron post, 3 ft. long, 2 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1916 on S. rim;
 S21 $\frac{1}{4}$ in W. and
 S22 in E. half;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 15, 16, 21 and 22, marked on
 brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S16 in NW.,
 S15 in NE.,
 S22 in SE. and
 S21 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.
 Some bunch grass.

S. F. W.

E. J. L.
 At 8 hrs. 54 m., a.m., l.m.t., I set off 35° 43' N. on the
 lat. arc; 17° 35' S. on the decl. arc; and determine a
 meridian with the solar at the cor. of secs. 15, 16, 21
 and 22.
 Thence
 S.89° 54' E., on a random line, bet. secs. 15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.81 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
 14, 15, 22 and 23.

Chains.

Thence
 N. 89° 55' W., on a true line, bet. secs. 15 and 22.
 Over gently rolling land, through scattering undergrowth.
 8.80 Wash, 1 ch. wide, course SW.
 39.90½ Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone, for ¼ sec. cor., marked on brass cap
 191b on S. rim;
 S15 ¼ in N. and
 S22 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor.
 79.81 The cor. of secs. 15, 16, 21 and 22
 Land, gently rolling.
 Soil, gravelly; 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca, sagebrush, rabbit brush and
 cacti.
 Some grass.
 E. J. L.

S. F. W.
 N. 0° 1' W., bet. secs. 15 and 16.
 Over rolling land, through scattering undergrowth.
 14.40 Road, brs. E. and W.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 191b on S. rim;
 S16 ¼ in W. and
 S15 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 65.00 Asc. 65 ft. to
 73.40 Desc. 20 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the
 ground, for cor. of secs. 9, 10, 15 and 16, marked on
 brass cap
 191b on S. rim;
 T27N R19W in N. half;
 S9 in NW.,
 S10 in NE.,
 S15 in SE. and
 S16 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Land, rolling.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.
 Some bunch grass.

Jan. 31, 1916: At 9 hrs. 3 m., a.m., l.m.t., I set off
 35° 44' N. on the lat. arc; 17° 35' S. on the decl. arc;
 and determine a meridian with the solar at the cor. of
 secs. 9, 10, 15 and 16.
 Thence
 S. 89° 55' E., on a random line, bet. secs. 10 and 15.
 40.00 Set temp. ¼ sec. cor.
 79.89 Intersect N. and S. line, 33 lks. S. of the cor. of secs.
 10, 11, 14 and 15,
 Thence
 S. 89° 51' W., on a true line, bet. secs. 10 and 15.
 Over rolling land, through scattering undergrowth.
 Asc. 50 ft. to
 10.25 Desc. 90 ft. to
 15.25 Asc. 50 ft. to

Chains.

27.25
39.94½

Desc. 235 ft.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
S10 ¼ in N. and
S15 in S. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

49.90
64.90
79.89

Asc. 25 ft. to
Desc. 105 ft. to
The cor. of secs. 9, 10, 15 and 16.
Land, rolling.
Soil, 2nd and 4th rate.
No timber.
Undergrowth, greasewood, yucca, cat claw and cacti.

1.10
5.00
15.00
20.00
27.00
40.00

N.0° 2' W., bet. secs. 9 and 10.
Over gently rolling land, through scattering undergrowth.
Road, brs. E. and W.
Asc. 30 ft. to
Desc. 25 ft. to
Asc. 70 ft. to
Desc. 30 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap
1916 on S. rim;
S9 ¼ in W. and
S10 in E. half;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

47.45
54.95
65.00
80.00

Asc. 50 ft. to
Desc. slightly to
Asc. 65 ft. to
Thence over gently rolling land.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap
1916 on S. rim;
T27N R19W in N. half;
S4 in NW.,
S3 in NE.,
S10 in SE. and
S9 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling and gently rolling.
Soil, 2nd and 4th rate.
No timber.
Undergrowth, yucca, greasewood, cat claw and cacti.
Some bunch grass.

S. F. W.

40.00
80.06

E. J. L. and S. F. W.
N.89° 51' E., on a random line, bet. secs. 3 and 10.
Set temp. ¼ sec. cor.
Intersect N. and S. line, 7 lks. S. of the cor. of secs. 2, 3, 10 and 11.

4.65
16.10
23.75

Thence
S.89° 48' W., on a true line, bet. secs. 3 and 10.
Over rolling land, through scattering undergrowth.
Asc. 20 ft. to
Desc. 175 ft. to
Wash, course S. Asc. 160 ft. to
Desc. 350 ft.

Chains (S.F.W.)
 40.03 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
 1916 on S. rim;
 S3 $\frac{1}{4}$ in N. and
 S10 in S. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 44.90 Wash, course SW. Asc. 50 ft. to
 54.05 Desc. 150 ft. to
 80.06 The cor. of secs. 3, 4, 9 and 10.
 Land, rolling.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, greasewood, yucca, cat claw, rabbit brush and cacti.
 E. J. L. and S. F. W.

S. F. W.
 N.0° 2' W., on a random line, bet. secs. 3 and 4.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.36 Intersect N. bdy. of Tp., 191ks. E. of the cor. of secs. 3, 4, 33 and 34, which is an iron post, described in Book "A."
 Thence
 S.0° 10' E., on a random line, bet. secs. 3 and 4.
 Over rolling land, through scattering undergrowth.
 Asc. 115 ft.
 5.60 Road, brs. E. and W.
 8.60 Road, brs. NE. and SW.
 18.25 Desc. 20 ft. to
 20.70 Asc. 65 ft. to
 27.60 Desc. 120 ft. to
 35.35 Asc. 115 ft.
 40.36 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
 1916 on S. rim;
 S4 $\frac{1}{4}$ in W. and
 S3 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 52.75 Desc. 150 ft. to
 65.45 Asc. 50 ft. to
 77.35 Desc. 35 ft. to
 80.36 The cor. of secs. 3, 4, 9 and 10.
 Land, rolling.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.

Jan. 26, 1916: At 7 hrs. 58 m., a.m., l.m.t., I set off 35° 41' N. on the lat. arc; 18° 53 $\frac{1}{2}$ ' S. on the decl. arc; and determine a meridian with the solar at the reestablished corner of secs. 4, 5, 32 and 33, on the south boundary of the Tp., which is an iron post, described in Book "A."
 Thence,
 N.0° 3' W., bet. secs. 32 and 33.
 Over rolling land, through scattering undergrowth.
 Asc. 85 ft. to
 5.85 Desc. 460 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
 1916 on S. rim;
 S32 $\frac{1}{4}$ in W. and
 S33 in E. half;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

Subdivision of T. 27 N., R. 19 W.

Chains.

W. of cor.
 Asc. 320 ft. to
 60.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 80.00 ground, for cor. of secs. 28, 29, 32 and 33, marked on
 brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S29 in NW.,
 S28 in NE.,
 S33 in SE. and
 S32 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Land, rolling.
 Soil, 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.
 Some bunch grass.

40.00 S. 89° 55' E., on a random line, bet. secs. 28 and 33.
 Set temp. ¼ sec. cor.
 79.84 Intersect N. and S. line, 11 lks. N. of the cor. of the
 cor. of secs. 27, 28, 33 and 34.
 Thence
 N. 89° 50' W., on a true line, bet. secs. 28 and 33.
 Over rolling land, through scattering undergrowth.
 2.50 Road, brs. NW. and S E. Asc. 65 ft. to
 15.00 Desc. 105 ft. to
 35.00 Asc. 20 ft. to
 37.30 Desc. 30 ft.
 39.92 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S28 ¼ in N. and
 S33 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor.
 42.00 Wash, course NE. Asc. 145 ft. to
 54.75 Desc. 75 ft. to
 64.65 Asc. 255 ft. to
 79.84 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling and mountainous.
 Soil, sand and rocks; 4th rate.
 No timber.
 Undergrowth, yucca and cacti.

Jan. 22, 1916
 N. 0° 3' W., bet. secs. 28 and 29.
 Over rolling land, through scattering undergrowth.
 5.00 Leave rolling, thence over mountainous land. Asc. 115 ft.
 to
 9.65 Desc. 550 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S29 ¼ in W. and
 S28 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Continue descent to
 74.90 Wash, course SW. Asc. slightly to

50.

Subdivision of T. 27 N., R. 19 W.

Chains.
80.00

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

1916 on S. rim;
T27N R19W in N. half;
S20 in NW.,
S21 in NE.,
S28 in SE. and
S29 in SW. quadrant;

dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling and mountainous.

Soil, 4th rate.

No timber.

Undergrowth, yucca, greasewood, cat claw and cacti.

Some bunch grass.

S. F. W.

40.00

S.89° 50' E., on a random line, bet. secs. 21 and 28.

Set temp. ¼ sec. cor.

79.92

Intersect N. and S. line, 9 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence

N.89° 54' W., on a true line, bet. secs. 21 and 28.

Over rolling land, through scattering undergrowth.

39.96

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

1916 on S. rim;
S21 ¼ in N. and
S28 in S. half;

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

Asc. 80 ft.

41.60

Road, brs. N. and S.

50.00

Desc. 125 ft. to

64.03

Road, brs. NW. and SE. Asc. slightly to

79.92

The cor. of secs. 20, 21, 28 and 29.

Land, rolling.

Soil, rocky and gravelly; 2nd rate.

No timber.

Undergrowth, greasewood, yucca, rabbit brush and cacti.

Some bunch grass.

E. J. L.

S.F.W.

N.0° 3' W., bet. secs. 20 and 21.

Over level land, through scattering undergrowth.

14.00

Road, brs. NW. and SE.

40.00

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

1916 on S. rim;
S20 ¼ in W. and
S21 in E. half;

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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, marked on brass cap

1916 on S. rim;
T27N R19W in N. half;

Chains.

S17 in NW.,
 S16 in NE.,
 S21 in SE. and
 S20 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Land, level.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, yucca, cat claw, greasewood and cacti.
 Some bunch grass.

S. F. W.

40.00
 79.98
 Thence
 39.99
 42.20
 79.98

E. J. L.
 S.89° 54' E., on a random line, bet. secs. 16 and 21.
 Set temp. ¼ sec. cor.
 Intersect N. and S. line, 7 lks. N. of the cor. of secs.
 15, 16, 21 and 22.
 Thence
 N.89° 51' W., on a true line, bet. secs. 16 and 21.
 Over gently rolling land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S16 ¼ in N. and
 S21 in S. half;
 dig pits, 18 X18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, N. of cor.
 Road, brs. N. and S.
 The cor. of secs. 16,17, 20 and 21.
 Land, gently rolling.
 Soil, gravelly; 2nd rate.
 No timber.
 Undergrowth, yucca, greasewood, rabbit brush, cat claw
 and cacti.

E. J. L.

25.20
 38.00
 40.00
 48.00
 69.80
 80.00

S. F. W.
 N.0° 3' W., bet. secs. 16 and 17.
 Over level land, through scattering undergrowth.
 Road, brs. NW. and SE.
 Wash, course W.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S17 ¼ in W. and
 S16 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Wash, course SW.
 Road, brs. E. and W.
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 8, 9, 16 and 17, marked on
 brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S8 in NW.,

52

Subdivision of T. 27 N., R. 19 W.

Chains.

	<p>S9 in NE., S16 in SE. and S17 in SW. quadrant; dig pits, 18 X 18 X 12 ins., in each sec., 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, level. Soil, 2nd and 4th rate. No timber. Undergrowth, yucca, greasewood, cat claw and cacti. Some bunch grass.</p>
40.00	S.89° 51' E., on a randomline, bet. secs. 9 and 16
79.84	Set temp. ¼ sec. cor. Intersect N. and S. line, 2 lks. N. of the cor. of secs. 9, 10, 15 and 16. Thence
3.00	N.89° 50' W., on a true line, bet. secs. 9 and 16. Over rolling land, through scattering undergrowth.
10.00	Road, brs. NE. and SW.
39.92	Wash, course SW. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1916 on S. rim; S9 ¼ in N. and S16 in S. half; dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
40.00	Dim road, brs. NE. and SW.
44.00	Road, brs. N. and S.
79.84	The cor. of secs. 8, 9, 16 and 17. Land, level and rolling. Soil, 2nd and 4th rate. No timber. Undergrowth, yucca, cat claw, greasewood and cacti. Some bunch grass.
40.00	N.0° 3' W., bet. secs. 8 and 9. Over level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap 1916 on S. rim; S8 ¼ in W. and S9 in E. half; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
40.20	Wash, course NW.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap 1916 on S. rim; T27N R19W in N. half; S5 in NW., S4 in NE., S9 in SE. and S8 in SW. quadrant; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, level. Soil, 2nd and 4th rate. No timber. Undergrowth, yucca, greasewood, cat claw, and cacti.

Chains.

Some bunch grass. Jan. 20, 1910.

40.00 S.89° 50' E., on a random line, bet. secs. 4 and 9.
 Set temp. 1/4 sec. cor.
 79.78 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 3, 4, 9 and 10.
 Thence
 N.89° 54' W., on a true line, bet. secs. 4 and 9.
 Over level and rolling land, through scattering undergrowth.
 Asc. slightly to
 2.50 Desc. 140 ft. to
 14.80 Foot of desc.; thence over level land.
 26.80 Road, brs. N. and S.
 39.89 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap
 1916 on S. rim;
 S4 1/4 in N. and
 S9 in S. half;
 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 79.78 The cor. of secs. 4, 5, 8 and 9.
 Land, level and rolling.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, greasewood, yucca, cat claw and cacti.

40.00 N.0° 3' W., on a random line, bet. secs. 4 and 5.
 Set temp. 1/4 sec. cor.
 80.04 Intersect N. bdy. of Tp., 35 lks. E. of the cor. of secs. 4, 5, 32 and 33, which is an iron post, described in Book "A" as described in Book "B".
 Thence
 S.0° 18' E., on a true line, bet. secs. 4 and 5.
 Over level land, through scattering undergrowth.
 7.00 Wash, course SW.
 11.00 Road, brs. NE. and SW.
 28.50 Wash, course SW.
 37.00 Intersection of roads, one NE. and SW. and one NW. and SE.
 40.04 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap
 1916 on S. rim;
 S5 1/4 in W. and
 S4 in E. half;
 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.
 63.05 Road, brs. NE. and SW.
 65.65 Road, brs. NE. and SW.
 80.04 The cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.
 Some bunch grass.

S. F. W.

54

Subdivision of T. 27 N., R. 19 W.

Chains.	
	<p>Jan. 26, 1916: E. J. L. At 9 hrs. 58 m., a.m., l.m.t., I set off $35^{\circ} 41'$ N. on the lat. arc; $18^{\circ} 53\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32, on S bdy. of township, described line Book 321 Iron post, established by H. G. Conroy, U. S. Surveyor, as shown on Book 321.</p> <p>Thence, l.m.t. $N.0^{\circ} 3'$ W., bet. secs. 31 and 32. Over rolling and mountainous land, through scattering undergrowth. Asc. 170 ft. to</p>
12.05	Top of ascent; desc. 480 ft.
40.00	<p>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 1916 on S. rim; S31$\frac{1}{2}$ in W. and S32 in E. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>
	Continue descent.
63.43	Desc. in gulch, course N.
80.00	<p>Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap 1916 on S. rim; T27N R19W in N. half; S30 in NW., S29 in NE., S32 in SE. and S31 in SW. quadrant; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p> <p>Land, mountainous and rolling. Soil, rocky; 3rd rate. No timber. Undergrowth, greasewood, yucca, rabbit brush, sagebrush and cacti. Some grass.</p>
	E. J. L.
	S. F. W.
40.00	S. $89^{\circ} 55'$ E., on a random line, bet. secs. 29 and 32.
80.33	<p>Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 11 lks. N. of the cor. of secs. 28, 29, 32 and 33.</p>
	Thence
	N. $89^{\circ} 50'$ W., on a true line, bet. secs. 29 and 32.
	Over mountainous land, through scattering undergrowth.
2.00	Asc. slightly to
36.20	Desc. 430 ft. to
40.16 $\frac{1}{2}$	Wash, course NW. Asc. 355 ft.
	<p>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 1916 on S. rim; S29 $\frac{1}{4}$ in N. and S32 in S. half; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
59.10	Desc. 335 ft. to
80.33	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous.
	Soil, sand and rocks; 4th rate.
	No timber.
	Undergrowth, yucca, greasewood, cat claw and cacti.

Chains.

40.00
78.67

N. 89° 55' W., on a random line, bet. secs. 30 and 31.
Set temp. 1/4 sec. cor.
Intersect W. bdy. of Tp., 1111kss. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, described in the Book. Which is an iron post, described in Book "A."

28.65
38.67

Thence
S. 89° 50' E., on a true line, bet. secs. 30 and 31.
Over mountainous land, through scattering undergrowth.
Asc. 350 ft. to
Thence over level land.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap
1916 on S. rim;
S30 1/4 in W. and
S31 in S. half;
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

41.15
58.30
68.85
78.35
78.67

Desc. 305 ft. to
Wash, course NW. Asc. 200 ft. to
Desc. 120 ft. to
Wash, course NE. Asc. slightly to
The cor. of secs. 29, 30, 31 and 32.
Land, mountainous.
Soil, sand and rocks; 4th rate.
No timber.
Undergrowth, greasewood, yucca, cat claw and cacti.
S. F. W.
Jan. 29, 1916.

13.70
40.00

Jan. 29, 1916: E. J. L.
N. 0° 3' W., bet. secs. 29 and 30.
Over rolling land, through scattering undergrowth.
Desc. in gulch, course N.
Leave gulch, course NW. Continue descent.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap
1916 on S. rim;
S30 1/4 in W. and
S29 in E. half;
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

55.00
80.00

Desc. 90 ft. to
Thence over level land.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap
1916 on S. rim;
T27N R19W in N. half;
S19 in NW.,
S20 in NE.,
S29 in SE. and
S30 in SW. quadrant;
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling
Soil, gravelly; 2nd rate.
No timber.
Undergrowth, yucca, cat claw, rabbit brush and cacti.
Some grass.

40.00
80.31

S. 89° 50' E., on a random line, bet. secs. 20 and 29.
Set temp. 1/4 sec. cor.
Intersect N. and S. line, 9 lks. S. of the cor. of secs.

Chains.

20, 21, 28 and 29.
 Thence
 N. 89° 54' W., on a true line, bet. secs. 20 and 29.
 Over rolling land, through scattering undergrowth
 40.15½ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S20 ¼ in N. and
 S29 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor.
 Asc. 40 ft. to
 Desc. 55 ft. to
 43.60 Center of wash, 2 chs. wide, course NW.
 70.20 The cor. of secs. 19, 20, 29 and 30.
 80.31 Land, rolling.
 Soil, gravelly; 2nd rate.
 No timber.
 Undergrowth, yucca, cat claw, greasewood, rabbit brush and
 cacti.

40.00 N. 89° 50' W., on a random line, bet. secs. 19 and 30.
 Set temp. ¼ sec. cor.
 78.25 Intersect W. bdy. of Tp., 9 lks. N. of the cor. of secs.
 19, 24, 25 and 30, which is an iron post, described
 in Book "A."
 Thence,
 S. 89° 54' E., on a true line, bet. secs. 19 and 30.
 Over mountainous land, through scattering undergrowth.
 Desc. E. slope, 275 ft., over slide rock.
 8.80 Foot of desc.; thence over rolling land.
 12.00 Wash, 30 lks. wide, course S.
 28.75 Center of wash, 1 ch. wide, course S. Asc. 230 ft.
 38.25 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S19 ¼ in N. and
 S30 in S. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor.
 49.75 Ridge, brs. N. and S. Desc. 185 ft., over slide rock, to
 61.60 Wash, 15 lks. wide, course N. 30° W.
 78.25 The cor. of secs. 19, 20, 29 and 30.
 Land, rolling and mountainous.
 Soil, gravelly, 2nd rate, and rocky, 3rd rate.
 No timber.
 Undergrowth, greasewood, yucca, cat claw, rabbit brush and
 cacti.

3.40 N. 0° 3' W., bet. secs. 19 and 20.
 Over gently rolling land, through scattering undergrowth.
 14.30 Center of wash, 1 ch. wide, course NW.
 40.00 Wash, 25 lks. wide, course N. 70° W.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S19 ¼ in W. and
 S20 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 54.10 Wash, 30 lks. wide, course SW.
 66.00 Wash, 15 lks. wide, course SW.
 72.90 Old road, brs. NW. and SE.

Subdivision of T. 27 N., R. 19 W.

Chains.
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, marked on brass cap

1916 on S. rim;
T27N R19W in N. half;
S18 in NW.,
S17 in NE.,
S20 in SE. and
S19 in SW. quadrant;

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

Land, rolling.
Soil, gravelly; 2nd rate.
No timber.
Undergrowth, yucca, greasewood, cat claw, rabbit brush and cacti.

40.00
80.30

S.89° 54' E., on a random line, bet. secs. 17 and 20.
Set temp. ¼ sec. cor.
Intersect N. and S. line, 2 lks. N. of the cor. of secs. 16, 17, 20 and 21.

33.60
40.15

Thence
N.89° 53' W., on a true line, bet. secs. 17 and 20.
Over level land, through scattering undergrowth.
Wash, 50 lks. wide, course SW.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., marked on brass cap

1916 on S. rim;
S17 ¼ in N. and
S20 in S. half;

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

80.30

The cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, gravelly; 2nd rate.
No timber.
Undergrowth, yucca, greasewood, cat claw, rabbit brush and cacti.
Some grass.

40.00
78.20

N.89° 54' W., on a random line, bet. secs. 18 and 19.
Set temp. ¼ sec. cor.
Intersect W. bdy. of Tp. 11 lks. S. of the cor. of secs. 13, 18, 19 and 24, which is an iron post, described in Book "A."

38.20

Thence,
S.89° 49' E., on a true line, bet. secs. 18 and 19.
Over level land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for ¼ sec. cor., marked on brass cap

1916 on S. rim;
S18 ¼ in N. and
S19 in S. half;

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

56.20
58.70
62.95
78.20

Wash, 40 lks. wide, course SW.
Wash, 50 lks. wide, course SW.
Old road, brs. NW. and SE.
The cor. of secs. 17, 18, 19 and 20.

Chains.

Land, level.
Soil, gravelly; 2nd rate.
No timber.
Undergrowth, yucca, cat claw, greasewood, rabbit brush and cacti.

Jan. 31, 1916.

18.40
40.00

Jan. 31, 1916.
N.0° 3' W., bet. secs. 17 and 18.
Over gently rolling land, through scattering undergrowth.
Wash, 20 lks. wide, course S.70° W.
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
1916 on S. rim;
S18 $\frac{1}{4}$ in W. and
S17 in E. half;
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

47.50
67.78
80.00

Old road, brs. N.80° W. and S.80° E.
Road, brs. E. and W.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap
1916 on S. rim;
T27N R19W in N. half;
S7 in NW.,
S8 in NE.,
S17 in SE. and
S18 in SW. quadrant;
dig pits, 18 X 18 X 12 ins., in each sec., 5 $\frac{1}{2}$ ft. dist.;
and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, gently rolling.
Soil, gravelly; 2nd rate.
No timber.
Undergrowth, greasewood, yucca, cat claw, rabbit brush and cacti.
Some grass.

E. J. L.
Jan. 31, 1916.

40.00
80.08

Jan. 31, 1916. S. F. W.
S.89° 53' E., on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 9 lks. N. of the cor. of secs. 8, 9, 16 and 17.

40.04

Thence
N.89° 49' W., on a true line, bet. secs. 8 and 17.
Over rolling land, through scattering undergrowth.
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
1916 on S. rim;
S8 $\frac{1}{4}$ in N. and
S17 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

80.08

The cor. of secs. 7, 8, 17 and 18.
Land, gently rolling.
Soil, 2nd and 4th rate.
No timber.
Undergrowth, yucca, greasewood, cat claw and cacti.
Some grass.

Subdivision of T. 27 N., R. 19 W.

Chains.

40.00 N.89° 49' W., on a random line, bet. secs. 7 and 18.
 Set temp. ¼ sec. cor.
 78.35 Intersect W. bdy. of Tp., at the cor. of secs. 7, 12, 13
 and 18, which is an iron post, described in Book "A."
 Thence,
 S.89° 49' E., on a true line, bet. secs. 7 and 18.
 Over level land, through scattering undergrowth.
 16.35 Telephone line, brs. NE. to Cyclopic and SW. to Whitehills.
 18.35 Wagon road, brs. NE. to Cyclopic and SW. to Whitehills.
 38.05 Wash, course SW.
 38.35 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S7 ¼ in N. and
 S18 in S. half;
 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, N. of cor.
 78.35 The cor. of secs. 7, 8, 17 and 18.
 Land, level.
 Soil, 2nd and 4th rate.
 No timber.
 Undergrowth, yucca, greasewood, cat claw and cacti.
 S. F. W.

E. J. L.
 N.0° 3' W., bet. secs. 7 and 8.
 Over gently rolling land, through scattering undergrowth.
 8.40 Center of wash, 1 ch. wide, course W.
 33.97 Old road, brs. S.70° W. and N.70° E.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for ¼ sec. cor., marked on brass cap
 1916 on S. rim;
 S7 ¼ in W. and
 S8 in E. half;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 49.45 Telephone line, brs. N.57° E. to Cyclopic and S.57° W. to
 Whitehills.
 53.40 Road, brs. N.50° E. to Cyclopic Pumping Plant and Cyclopic,
 and S.50° W. to Whitehills.
 73.40 Wash, 10 lks. wide, course SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 5, 6, 7 and 8, marked on
 brass cap
 1916 on S. rim;
 T27N R19W in N. half;
 S6 in NW.,
 S5 in NE.,
 S8 in SE. and
 S7 in SW. quadrant;
 and raise a mound of stone, 2 ft. base, 1½ ft. high,
 W. of cor.
 Land, gently rolling.
 Soil, gravelly; 2nd rate.
 No timber.
 Undergrowth, greasewood, yucca, cat claw, rabbit brush and
 cacti.
 Some grass.

Feb. 1, 1916: At 8 hrs. 32 m., a.m., 1.m.t., I set off
 35° 45' N. on the lat. arc; 17° 18½' S. on the decl.
 arc; and determine a meridian with the solar at the

60

Subdivision of T. 27 N. R. 19 W.

Chains.

- cor. of secs. 5, 6, 7 and 8.
Thence
S.89° 49' E., on a random line, bet. secs. 5 and 8.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect N. and S. line, 2 lks. S. of the cor. of secs.
4, 5, 8 and 9.
Thence,
N.89° 50' W., on a true line, bet. secs. 5 and 8.
Over level and gently rolling land, through scattering
undergrowth.
21.75 Telephone line, brs. N.70° E. to Cyclopic, and S.70° W. to
Whitehills.
26.55 Main road, brs. N.60° E. to Cyclopic Pumping Plant and
Cyclopic, and S.60° W. to Whitehills.
30.65 Old road, brs. N.75° E. and S.75° W.
33.85 Wash, 20 lks. wide, course S.75° W.
40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap
1916 on S. rim;
85 $\frac{1}{4}$ in N. and
88 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
high, N. of cor.
74.90 Wash, 30 lks. wide, course S.70° W.
80.04 The cor. of secs. 5, 6, 7 and 8.
Land, level and gently rolling.
Soil, sandy loam, clay and gravel; 2nd rate.
No timber
Undergrowth, yucca, greasewood, and cacti.
Some grass.
Feb. 1, 1916: At this cor., I set a 3" 17" 17" S. on the
level, etc; and at apparent noon, I observe the sun on
the meridian; the resulting lat. is 35° 45' N.
-
- 40.00 N.89° 49' W., on a random line, bet. secs. 6 and 7.
Set temp. $\frac{1}{4}$ sec. cor.
78.60 Intersect W. bdy. of Tp., 11 lks. N. of the cor. of secs.
1, 6, 7 and 12, which is an iron post, described in
Book "A." 1916, T. 27 N. R. 19 W. as described in Book
"A."
Thence,
S.89° 54' E., on a true line, bet. secs. 6 and 7.
Over gently rolling land, through scattering undergrowth.
20.50 Wash, 20 lks. wide, course S.70° W.
38.60 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
1916 on S. rim;
86 $\frac{1}{4}$ in N. and
87 in S. half;
dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft.
high, N. of cor.
63.55 Road, brs. N.15° E. and S.15° W.
78.60 The cor. of secs. 5, 6, 7 and 8.
Land, gently rolling.
Soil, gravelly and sandy clay; 2nd rate.
No timber.
Undergrowth, yucca, greasewood and cacti.
Some grass.
Feb. 1, 1916.
-
- 40.00 N.0° 3' W., on a random line, bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T. 27 N., R. 19 W.

Chains.

80.30

Intersect N. bdy. of Tp., 21 lks. E. of the cor. of secs. 5, 6, 31 and 32, which is an iron post, described in Book "A."...

Thence, I ...

S.0° 12' E., on a true line, bet. secs. 5 and 6.

Over gently rolling land, through scattering undergrowth.

1.90

Center of wash, 2. chs. wide, course W.

4.40

Road, brs. N.20° E. and S.20° W.

15.90

Wash, 25 lks. wide, course SW.

40.30

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

1916 on S. rim;

S6 1/4 in W. and

S5 in E. half;

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

46.90

Wash, 30 lks. wide, course W.

66.60

Wash, 20 lks. wide, course W.

76.40

Wash, 30 lks. wide, course SW.

80.30

The cor. of secs. 5, 6, 7 and 8.

Land, gently rolling.

Soil, gravelly; 2nd rate.

No timber.

Undergrowth, yucca, greasewood, cat claw, rabbit brush and cacti.

Some grass.

E. J. L. Jan. 26, 1916.

General Description.

This township consists mainly of low mountainous or high rolling land, with some low rolling land in the NW. portion.

The soil varies from rocky, black malpais rock to sandy loam soil in the low rolling land.

There is no timber. The undergrowth consists of yucca, cacti, sage, black brush, greasewood, rabbit brush and mesquite.

There is a small developed spring in the NE. 1/4 of sec. 23, used by the Duncan Cattle Company. In sec. 2 is a well with gasoline pumping plant and ranch buildings owned by the same company. There is also a well in the NE. 1/4 of sec. 12. There are no other settlers in this township.

Frank W. Katter

BOOK 3250

Book "I"

Group 45----- Arizona.

DATE DIAGRAM

Surveys executed on dates shown on this diagram, by Royston C. Durnford, U.S. Transitman.

CAPACITY

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

CERTIFICATE OF UNITED STATES TRANSITMAN.

I, Royston C. Durnford, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 45, Arizona, bearing date of the 7th day of January, 1915, 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 27 NORTH, RANGE 18 WEST, of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented by the diagram on the reverse hereof and in 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 U. S. Surveyor General for Group 45, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Royston C. Durnford
U. S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by

under his special instructions dated, 191, 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.

BOOK 3250

Book 3250

Group 45 - - - - Arizona.

~ DATE DIAGRAMS ~

Surveys executed on dates shown on this diagram by S. Frank Walters,
U.S. Transitman.

U.S. Transitman.				COMPANY.	
6	5	4	3	2	1
		1-31-16	1-31-16		1-20-16
7	8	9	10	11	12
1-31-16	1-31-16	1-31-16	1-31-16		1-20-16
18	17	16	15	14	13
		<i>T. 27N.</i>	<i>R. 19W.</i>		1-20-16
19	20	21	22	23	24
					1-19-16
30	29	28	27	26	25
1-29-16	1-29-16	1-29-16	1-29-16		
31	32	33	34	35	36

TRANSITMAN.
CERTIFICATE OF UNITED STATES SURVEYOR.

I, S. Frank Walters, U.S. Transitman, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 45, Arizona, bearing date of the 7th day of March, 1915, 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 27 NORTH, RANGE 19 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented by the diagram on the reverse hereof and in 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 U. S. Surveyor General for Group 45, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

S. Frank Walters
U.S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by

under his special instructions dated, 191, 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.

BOOK 3250

Book "I"
Group 45 - - -Arizona.

~ DATE DIAGRAM:

Surveys executed on dates shown on this diagram by H. G. Bardsley, U.

S. Surveyor.			CAPACITY.		
	5-18-15	5-18-15	5-18-15	5-18-15	5-18-15
5-17-15	6b	5	4	3	2
5-20-15	5-20-15	5-20-15	5-21-15	5-21-15	5-21-15
5-17-15	7	8	9	10	11
5-20-15	5-19-15	5-20-15	5-20-15	5-21-15	5-21-15
5-17-15	18	17	16	15	14
			<i>T. 27N. R. 18W.</i>		13
5-17-15	19	20	21	22	23
5-19-15	5-19-15	5-19-15			24
5-14-15	30	29	28	27	26
					5-13-15
5-14-15	31	32	33	34	35
	5-14-15			5-13-15	36
5-5-15	5-5-15	5-5-15	5-6-15	5-6-15	5-6-15

ACCEPTED SURVEY

RESURVEYED

135
68

CERTIFICATE OF UNITED STATES SURVEYOR.

BOOK 250

I, H. G. Bardsley, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 45, Arizona, bearing date of the 7th day of January, 1915, 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 27 NORTH, RANGE 18 WEST.

of the Gila and Salt
River Base and Meridian, in the State of Arizona, which are represented by the diagram on the reverse hereof and in 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 U. S. Surveyor General for Group 45, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

H. G. Bardsley
 U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by

under his special instructions dated, 191 , 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.

Book "I"

Group 45 - - Arizona. 1901-178250

~ DATE ADIAGRAM. ~

Surveys executed on dates shown on this diagram by E. J. Lange, U. S.

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

BOCK 70 3250

CERTIFICATE OF UNITED STATES SURVEYOR.

HILTON H. BRANTMAN.

I, E. J. Lange, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 45, Arizona, bearing date of the 7th day of January, 1915, 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 27 NORTH, RANGE 19 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented by the diagram on the reverse hereof and in 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 U. S. Surveyor General for Group 45, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

E. J. Lange U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, March 17, 1919.

The foregoing field notes of the survey of the Subdivision Lines of

TOWNSHIP 27 NORTH, RANGE 18 WEST,

and

TOWNSHIP 27 NORTH, RANGE 19 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by H. G. Bardsley & E. J. Lange, U. S. Surveyors and executed by H. Royston G. Durnford and S. Frank Walters, U. S. Transitmen, under special instructions dated Jan. 7, 1915, for Group 45, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Hilton H. Brantman 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.