

3307

Book "I"

4-678

BOOK 3307

FIELD NOTES

RE-
OF THE SURVEY OF THE

West Boundary,

and SURVEY of the

Subdivision Lines

of

TOWNSHIP 21 SOUTH, RANGE 23 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Sidney E. Blout,

In the capacity of U. S. Surveyor, under instructions dated November 8, 1915,

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

Group No. 64, which were approved by the Commissioner of the General Land

Office, November 23, 1915.

Resurvey & Survey commenced September 7, 1916.

Resurvey & Survey completed September 22, 1916.

Executed under Assignment
Instructions dated Jan. 14, 1916.

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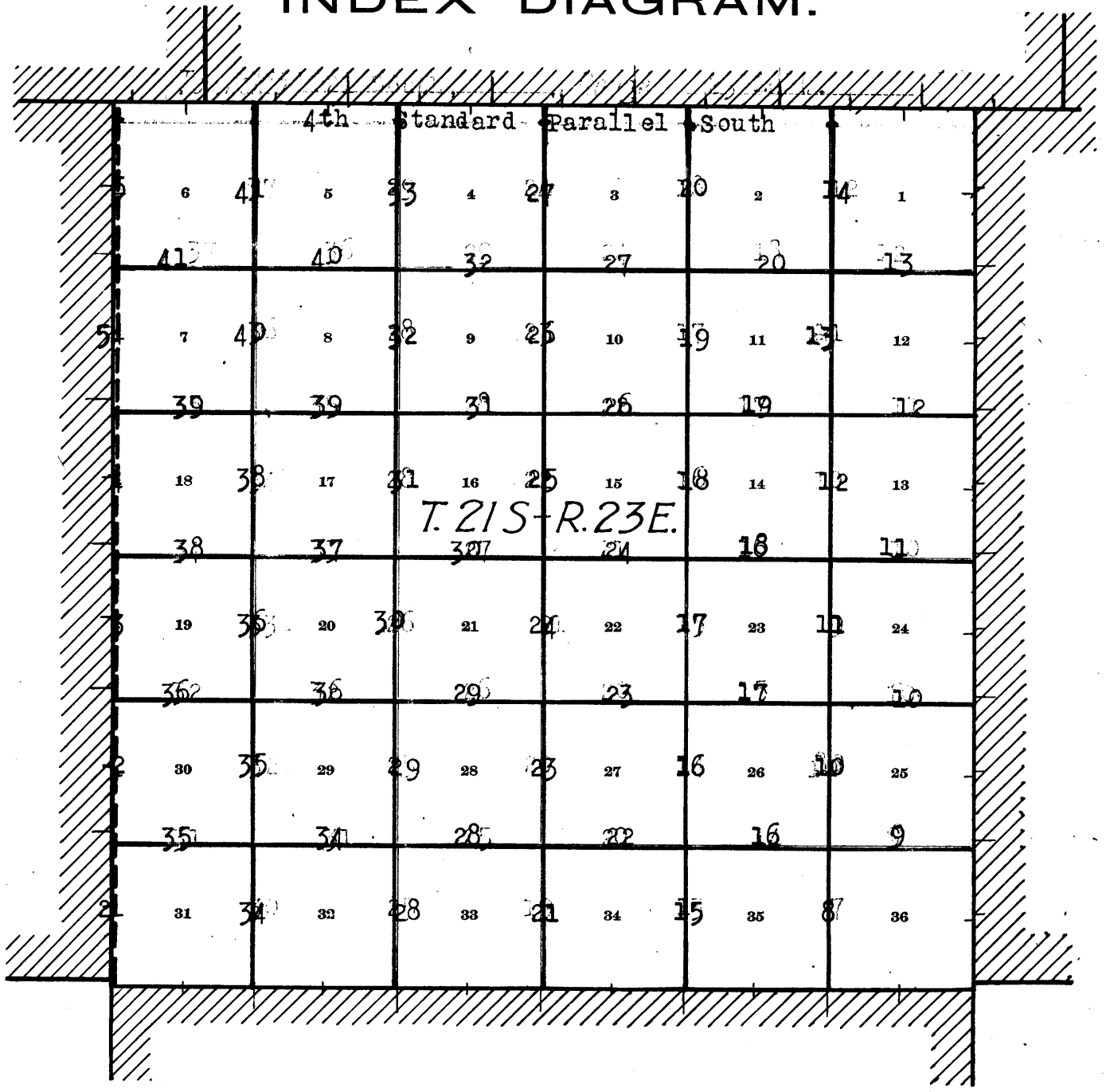
87

1A
82

3307
Book "I"

BOOK 3307 INDEX DIAGRAM
Group 64

INDEX DIAGRAM.



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

T. 21 S., R. 23 E.

Date Diagram.

Book "I"
3307

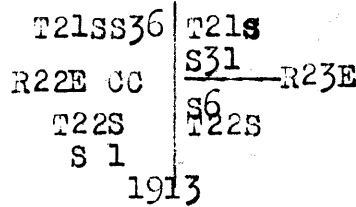
4th. Standard Parallel South.

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

2 Resurvey of West bdy. of Township 21 South, Range 23 East, Chains.

Resurveys and surveys hereinafter described, executed on dates shown on diagram on page 1 hereof by Sidney E. Blout, U. S. Surveyor, using a Buff light mountain transit No. 9984, described with record of test and certificate of approval in Book "F." of this group. Description of later field tests are given in Books "G" and "H." and hereinafter described. A 5 chain steel tape properly adjusted, and clinometer are the instruments employed to obtain all measurements hereinafter recorded.

Begin resurvey at the original closing cor. of Ts. 21 and 22 S., R. 23 E., an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,



and witnessed by pits, N., S. and E., and mound of earth E. of cor. No bearing trees.

Thence,

North, on true line, on W. bdy. of sec. 31.

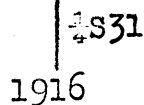
Over rolling land, then through scattering undergrowth.

5.31 Intersect the cor. of fracl. Ts. 21 and 22 S., R. 22 E., a granite stone 10x10x8 ins. above ground, firmly set, marked with 6 notches on each of N., S. and W. edges, and witnessed by mound of stone, W. of cor. No bearing trees. This cor. originally set in May, 1909, as cor. of 4 townships, but changed to cor. of 2 townships, in February 1913, when the closing cor. of the townships on the east was established.

Thence,

N. 0° 3' E., on a true line, continuing measurement of W. bdy. of sec. 31.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished 1/4 sec. cor. of sec. 31, marked on brass cap,

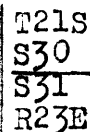


45.36 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor. (40.05 chs. N. 0° 3' E. from cor. of fracl. Ts. 21 and 22 S., R. 22 E.) Intersect the original 1/4 sec. cor. of secs. 31 and 36, a granite stone 6x10x10 ins. above ground, firmly set, marked "1/4" on W. face, and witnessed by mound of stone, W. of cor. No bearing trees. This cor. now refers to sec. 36 only. No change in markings or accessories, necessary.

Thence,

N. 0° 6' E., on true line, continuing measurement of W. bdy. of sec. 31.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 30 and 31, marked on brass cap,



1916

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

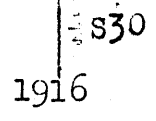
Resurvey of West bdy. of Township 21 South, Range 23 East. 3.

Chains

Land, rolling valley, sloping NW.
Soil, dry, sandy clay loam, 12 ins. deep, 2nd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chaparral and ocotillo, 4 ft. high.
Good grass.

5.45 N. 0° 6' E., on a true line, on W. bdy. of sec. 30.
Over rolling land, thru. scattering undergrowth.
(40.09 chs. N. 0° 6' E. from reestablished $\frac{1}{4}$ sec. cor. of sec. 36) Intersect the original cor. of secs. 25, 30, 31 and 36, a limestone 6x8x5 ins. above ground, firmly set, marked with 1 notch on S. and 5 notches on N. edges, and witnessed by mound of stone, W. of cor., and bearing tree NE. of cor. Reestablish this cor. to refer to secs. 25 and 36 only, by obliterating marking on the bearing tree. No other change necessary.

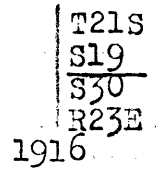
8.25 Thence,
40.00 N. 0° 2' E., on true line, continuing measurement on W. bdy. of sec. 30.
Wash, 40 lks. wide, course S. 70° W.
Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 30, marked on brass cap,



45.42 Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and scatter the earth.
(39.97 chs. N. 0° 2' E. from cor. of secs. 25 and 36) Intersect the original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, a granite stone, 6x6x4 ins. above ground, firmly set, marked "1/4" on W. face, and witnessed by pits N. and S. and mound of earth W. of cor. No bearing trees.

This cor. now refers to sec. 25 only. No change necessary.
Thence,
N. 0° 2' W., on true line, continuing measurement of W. bdy. of sec. 30.

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 19 and 30, marked on brass cap,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor.
Land, rolling valley, sloping W.
Soil, dry, sandy and gravelly loam, about 14 ins. deep, 2nd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chaparral and ocotillo, 4 to 6 ft. high.
Good grass.

5.72 N. 0° 2' W., on true line, on W. bdy. of sec. 19.
Over rolling land, thru. scattering undergrowth.
(40.30 chs. N. 0° 2' W., from $\frac{1}{4}$ sec. cor. of sec. 25) Intersect the original cor. of secs. 19, 24, 25 and 30, a granite stone, 8x8x6 ins. above ground, firmly set, marked with 2 notches on S. and 4 notches on N. edge, and witnessed by mound of stone, W. of cor. No bearing trees.
This cor. now refers to secs. 24 and 25 only. No change necessary.

4 Resurvey of West bdy. of Township 21 South, Range 23 East.

Chains.

Thence, N. 0° 9' E., on true line, continuing measurement of W. bdy. of sec. 19.

- 9.92 Draw, 3.00 chs. wide, course N. 60° W.
- 19.82 Road brs. N. 50° W. and S. 50° E.
- 37.12 Enter grassy draw, 2.30 chs. wide, course N. 40° W. Thence across draw.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 19, marked on brass cap,

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

- 40.72 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. Leave draw, described above.

- 45.94 (40.22 chs. N. 0° 9' E. from cor. of secs. 24 and 25) Intersect the original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, a limestone 12x6x6 ins. above ground, firmly set, marked " $\frac{1}{4}$ " on W. face, and witnessed by pits N. and S., and mound of earth W. of cor.

No bearing trees. This cor. now refers to sec. 24 only. No change necessary.

Thence, N. 0° 2' E., on true line, continuing measurement of W. bdy. of sec. 19.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 18 and 19, marked on brass cap,

| T21S
| S18
| S19
| R23E
1916

Dig pits 24x24x12 ins., NE. and SE. of post, 6 ft. dist., and scattering the earth.

Land, rolling valley, sloping west.

Soil, dry, sandy and gravelly clay loam, 2nd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood and chaparral, 4 ft. high.

Good grass.

N. 0° 2' E., on true line, on W. bdy. of sec. 18.

- 6.05 Over rolling land, thru scattering undergrowth. (40.11 chs. N. 0° 2' E. from $\frac{1}{4}$ sec. cor. of sec. 24) Intersect the original cor. of secs. 13, 18, 19 and 24, a limestone 3x6x6 ins. above ground, firmly set, marked with 3 notches on each of N. and S. edges, and witnessed by mound of stone, W. of cor. No bearing trees. This cor. now refers to secs. 13 and 24 only.

No change necessary.

Thence, N. 0° 4' E., on true line, continuing measurement of W. bdy. of sec. 18.

- 36.95 Road brs. N. 60° W. and S. 70° E.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor. of sec. 18, marked on brass cap,

| $\frac{1}{4}$ S18
1916

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

Resurvey of West bdy. of Township 21 South, Range 23 East 5.

Chains.

- 46.14 (40.09 chs. N.0° 4'E., from cor. of secs. 13 and 24) Intersect the original $\frac{1}{2}$ sec. cor. of secs. 13 and 18, a limestone, 5x4x4 ins. above ground, firmly set, marked "1" on W. face, and witnessed by mound of stone, W. of cor. No bearing trees. This cor. now refers to sec. 13 only. No change necessary.
- Thence, N.0° 1'E., on true line, continuing measurement of W. bdy. of sec. 18.
- 46.18 The SE. cor. of wire fence. Thence along E. side of wire fence bearing N. and S.
- 52.95 Edge of "Government Draw" brs. N.40°E. and S.30°W. Thence across draw. course S.40° W.
- 59.45 Wash, 20 lks. wide, 4 ft. deep, course W.
- 61.55 Edge of "Government Draw" brs. E. and W. Leave draw; continue along E. side of fence, bearing N. and S.
- 65.59 The NE. cor. of wire fence. Leave fence.
- 66.85 Road, brs. N.40° E. and S.40° W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 7 and 18, marked on brass cap,

T21S
S7
S18
223E
1916

Raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Land, rolling valley, sloping west.
Soil, sandy and gravelly clay loam, about 12 ins. deep, 2nd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood and chaparral, 3 to 6 ft. high.
Good grass.

- N.0°1' E., on a true line, on W. bdy. of sec. 7.
Over rolling land, thru scattering undergrowth.
- 6.25 (40.11 chs. N.0° 1'E., from $\frac{1}{2}$ sec. cor. of sec. 13) Intersect the original cor. of secs. 7, 12, 13, and 18, a limestone, 4x6x6 ins. above ground, firmly set, marked with 2 notches on N., and 4 notches on S. edges, and witnessed by mound of earth and stone, W. of cor. No bearing trees. This cor. now refers to secs. 12 and 13, only.
No change necessary.
- Thence, North, on true line, continuing measurement of W. bdy. of sec. 7. Ascend gradual S. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{2}$ sec. cor., of sec. 7 only, marked on brass cap,

S7
1916

- Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and scatter the earth.
- 46.37 (40.12 chs. N. from cor. of secs. 12 and 13) Intersect the original $\frac{1}{2}$ sec. cor. of secs. 7 and 12, a limestone, 4x10x10 ins. above ground, firmly set, marked "1" on W. face, and witnessed by mound of stone, W. of cor. and bearing tree S.79°W. of cor. This cor. now refers to sec. 12 only. No change necessary.
- Thence, N.0° 1'E., on true line, continuing measurement of W. bdy. of sec. 7.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in

6. Resurvey of West bdy. of Township 21 South, Range 23 East

Chains.

the ground, for reestablished cor. of secs. 6 and 7, marked on brass cap,

T21S
S6
S7
R23E

1916

Dig pits 24x24x12 ins., NE. and SE. of post, 6 ft. dist., and scatter the earth.

Land, rolling valley, sloping SW.

Soil, rocky and gravelly clay loam, about 10 ins. deep, 3rd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and ocotillo, 4 to 6 ft. high.

Good grass.

N. 0° 1' E., on true line, on W. bdy. of sec. 6.

Over rolling land, thru. scattering undergrowth.

- 6.53 (40.16 chs. N. 0° 1' E. from $\frac{1}{2}$ sec. cor. of sec. 12) Intersect the original cor. of secs. 1, 6, 7 and 12, a limestone, 10x10x3 ins. above ground, firmly set, marked with 1 notch on N., and 5 notches on S. edge, and witnessed by mound of stone, W. of cor. No bearing trees. This cor. now refers to secs. 1 and 12 only, No change necessary.

Thence,

North, on true line, continuing measurement of W. bdy. of sec. 6.

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{2}$ sec. cor. of sec. 6, marked on brass cap,

S6

1916

Dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and scatter the earth.

- 46.61 (40.08 chs. N. from cor. of secs. 1 and 12) Intersect the original $\frac{1}{2}$ sec. cor. of secs. 1 and 6, a limestone, 6x6x4 ins. above ground, firmly set, marked "1" on W. face, and witnessed by mound of stone, W. of cor. No bearing trees. This cor. now refers to sec. 1 only. No change necessary.

Thence,

N. 0° 1' W., on true line, continuing measurement of W. bdy. of sec. 6.

- 58.83 Wash, 8 lks. wide, 5 ft. deep, course S. 70° W. Ascend gradual SE. slope.

- 74.53 Foot of ridge, brs. E. and W. Ascend 40 ft. on S. slope.

- 80.53 Low limestone ridge, brs. E. and W. Descend 45 ft. on NE. slope.

- 89.10 Edge of wide draw, brs. N. 40° W. and S. 40° E. Thence across draw, draining NW.

- 92.96 (46.35 chs. N. 0° 1' W., from $\frac{1}{2}$ sec. cor. of sec. 1) Intersect the original closing cor. of fract. T. 21 S. R. 22 E. and T. 21 S., R. 23 E. on 4th. Std. Parallel S., a limestone, 6x6x10 ins. above ground, firmly set, marked with 6 grooves on E., W. & S. faces, and witnessed by mound of stone of stone E. & S. of cor. and bearing trees SE. and SW. of cor.
Land, rolling. Soil, gravelly & rocky, 2nd, 3rd and 4th rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood and chaparral, soto and ocotillo, 4 to 6 ft. high.
Good grass.

Boundaries of Township 21 South, Range 23 East,
Latitudes, Departures, and Closing Errors.

Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary,	West,	478.44				478.44
West boundary,	North,	5.31	5.31			
	N.0°3'E.	40.05	40.05		.03	
	N.0°6'E.	40.09	40.09		.07	
	N.0°2'E.	39.97	39.97		.02	
	N.0°2'W.	40.30	40.30			.02
	N.0°9'E.	40.22	40.22		.11	
	N.0°2'E.	40.11	40.11		.02	
	N.0°4'E.	40.09	40.09		.05	
	N.0°1'E.	40.11	40.11		.01	
	North,	40.12	40.12			
	N.0°1'E.	40.16	40.16		.01	
North,	40.08	40.08				
N.0°1'W.	46.35	46.35			.01	
North boundary, (4th.Std.Par.S.)	East, S.89°44'E.	49.02 427.93			49.02 1.99	427.93
East boundary,	South,	490.78		490.78		
Convergency,					.46	
Totals,			492.96	492.77	477.73	478.47
			492.77			477.73
Error in latitude,			0.19			
Error in departure,						0.74

8 Subdivision of Township 21 South, Range 23 East.

Chains.

TEST OF INSTRUMENT.

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

Sept. 6, 1916.

At camp, which is located near the $\frac{1}{4}$ sec. cor. of secs. 7 and 8, T. 22 S., R. 23 E.; latitude, $31^{\circ} 37' 04''$ N.; longitude, $110^{\circ} 03' 04''$ W., and at 4h. 01m. p.m., l.m.t., set off $31^{\circ} 37' N.$ on the lat. arc; and $6^{\circ} 19' N.$ on the decl. arc, and determine a meridian with the solar, and mark a point thereon by a nail driven in a stake set in the ground about 5.00 chs. N. of instrument.

At 8h. 30m. p.m., l.m.t., observe Polaris at eastern elongation in accordance with instructions in the Manual, and mark the direction thus determined by a tally pin driven in a stake set in the ground about 5.00 chs. N. of instrument.

September 6, 1916.

Sept. 7, 1916. At 7h. 30m. a.m., lay off the azimuth of Polaris, $1^{\circ} 20'$ to the west, and mark the meridian thus determined by a nail driven in the stake set last evening on which the meridian falls 0.3 ins. E. of the point determined by the solar.

At 7h. 59m. a.m., l.m.t., set off $31^{\circ} 37' N.$ on the lat. arc; $6^{\circ} 04' N.$ on the decl. arc, and determine a meridian with the solar, and mark a point thereon by a nail driven in the stake already set about 5.00 chs. N. of instrument. This point falls 0.5 ins. E. of the point determined by the Polaris observation.

The solar apparatus by p.m. and a.m. observations, defines positions for meridians, respectively, about $0' 16'' W.$ and $0' 26'' E.$ of the Meridian established by the Polaris observation; therefore, conclude that the instrument is in satisfactory adjustment.

September 7, 1916.

Begin at the original cor. of secs. 1, 2, 35 and 36 on S. bdy. of T. 21 S., R. 23 E., an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,

	T21S	
R23E	S35	S36
	S 2	S 1
	T22 S	
	1913	

and witnessed by mound of stone, W. of cor. No bearing trees.

Thence,

N. $0^{\circ} 1'$ W., bet. secs. 35 and 36.

Over mountainous land, thru. scattering undergrowth. Descend 5 ft. on NE. slope.

33.30

Ravine, 20 lks. wide, course S. $70^{\circ} E.$ Ascend 8 ft. on S. slope.

5.00

Spur, slopes E. Descend 6 ft. on N. slope.

9.00

Ravine, 15 lks. wide, course S. $70^{\circ} E.$ Ascend 116 ft. on SW. slope.

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,

S35	S36
-----	-----

1916

Subdivision of Township 21 South, Range 23 East, 9

Chains.

- 54.40 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Ridge, brs. N.50°E. and S.30° W. Descend 321 ft. on NW. slope.
- 56.50 Ravine, 15 lks. wide, course W. Ascend 165 ft. on S. slope.
- 68.50 Spur, slopes S.60°W. Descend 41 ft. on NW. slope.
- 71.60 Ravine, 20 lks. wide, course S.60°W. Ascend 255 ft. on S. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported by mound of stone, for cor. of secs. 25, 26, 35 and 36, marked on brass cap,

T21S	R23E
S26	S25
S35	S36

1916.

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. This cor. is at foot of rock ledge, 10 ft. high, brs. NW. and SE.
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering juniper, chaparal, soto, mescal, ocotillo and Spanish dagger, 3 ft. high.
 Good grass.

- 40.00 East, on a random line, bet. secs. 25 and 36. Set temp. ¼ sec. cor.
- 79.70 Intersect the E. bdy. of Tp. 18 lks. S. of the original cor. of secs. 25 and 36, an iron post 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,

T21S	
S25	S30
S36	S31
R23E	R24E

1913

and witnessed by mound of stone, W. of cor. No bearing trees.

- Thence, S.89°52'W., on a true line, bet. secs. 25 and 36. Over mountainous land, thru scattering undergrowth. Ascend 322 ft. on E. slope.
- 34.75 Spur, slopes N.40°E. Descend 160 ft. on NW. slope.
- 39.85 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

¼ S 25
S 36

1916

- 41.50 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Ravine, 25 lks. wide, course N. Ascend 190 ft. on E. slope.
- 46.70 Ridge, brs. N.40°E. and S.40°W. Descend 186 ft. on NW. slope.
- 67.55 Ravine, 15 lks. wide, course N. Ascend 217 ft. on E. slope.
- 78.70 Spur slopes SE. Descend over SW. slope.
- 79.20 Top of cliff, 10 ft. high, brs. N.60°W., 4.00 chs., and S.60°E., 2.00 chs. dist.
- 79.70 The cor. of secs. 25, 26, 35 and 36, at foot of cliff. Land, mountainous. Soil, rocky, 4th rate. No timber. Undergrowth, scattering scrub mesquite, chaparal, juniper, soto, mescal and ocotillo, 3 ft. high. Good grass.

10. Subdivision of Township 21 South, Range 23 East.

Chains.

N. 0° 01' W., bet. secs. 25 and 26.
 Over mountainous land, thru scattering timber and undergrowth. Ascend.
 .15 Top of cliff, brs. N. 60° W. and S. 60° E. at top of mountain, brs. NW. and SE. Thence across nearly flat top.
 12.00 Leave top of mountain, brs. NW. and SE. Descend 486 ft. on N. and SE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked on brass cap,

S26	S25
1916	

49.10 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Ravine, 10 lks. wide, course N. 30° W. Ascend 10 ft. over SW. slope.
 53.10 Low spur, slopes NW. Descend 15 ft. on N. slope.
 72.40 Ravine, 15 lks. wide, course N. 70° W. Ascend 77 ft. on W. slope of knoll.
 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,

T21S	R23E
S23	S24
S26	S25
1916	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, mountainous and rolling.
 Soil, rocky, 4th rate.
 Timber, scattering juniper and pinon pine.
 Undergrowth, scattering scrub mesquite, greasewood, juniper, chaparral, soto, mesquite and ocotillo.
 Good grass.

40.00 N. 89° 52' E., on a random line, bet. secs. 24 and 25. Set temp. $\frac{1}{2}$ sec. cor.
 79.68 Intersect E. bdy. of Tp. at the original cor. of secs. 24 and 25, an iron post, 3 ins. in diam., 12 ins. above ground, marked on brass cap,

T21S	
S24	S19
S25	S30
R23E	R24E
1913	

and witnessed by pits NW. and SW. of cor., and mound of earth W. of cor. No bearing trees.

Thence,
 S. 89° 52' W., on a true line, bet. secs. 24 and 25.
 Over rolling land, thru, scattering undergrowth. Descend across grassy draw, draining NW.

14.70 W. edge of draw, brs. N. 40° W. and S. 40° E. Leave draw.
 21.08 Wash, 10 lks. wide, course N. 30° W. Ascend 10 ft. over NE. slope.
 32.70 Wash, 10 lks. wide, course N. 20° E.
 39.84 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked on brass cap,

S 24
S 25
1916

52.70 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Low spur, slopes N. Descend 13 ft. on W. slope.

Subdivision of Township 21 South, Range 23 East, 11.

Chains.

- 61.15 Wash, 50 lks.wide, course N. Leave rolling and enter mountainous land. Asc. 98 ft. on NE.slope.
- 74.75 Top of ascent on N.slope of round knoll. Descend 34 ft. over NW.slope.
- 79.68 The cor.of secs.23,24,25 and 26.
Land, rolling and mountainous.
Soil, gravelly and rocky clay loam, 2nd and 3rd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto, mescal and ocotillo, 3 ft.high.
Good grass.

N.0°1' W., bet. secs.23 and 24.
Over mountainous land, thru. scattering undergrowth. Descend 60 ft. on NW.slope.

- 7.50 Ravine, course N.40° E. Ascend 8 ft. on SE.slope.
- 29.50 Low spur, slopes E. Descend 10 ft. on N.slope.
- 32.15 Ravine, 5 lks.wide, course S.70° E. Ascend 8 ft. on SE.slope.
- 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,

S23	S24
-----	-----

1916

- 47.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W.of cor. Spur, slopes N.60°E. Descend 68 ft.on NW.slope.
- 61.60 Ravine, 6 lks.wide, course E. Ascend 29 ft. on SE.slope.
- 65.50 Spur, slopes N.60°E. Descend 6 ft. on NW.slope.
- 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor.of secs.13,14, 23 and 24, marked on brass cap,

T21S	R23E
S14	S13
S23	S24

1916

Raise a mound of stone, 2 ft.base, 1 1/2 ft. high,W.of cor. Land, mountainous and rolling.
Soil, rocky and gravelly loam, 4 to 8 ins.deep,4th rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and joshua.
Good grass.

- 40.00 N.89° 52' E., on a random line, bet. secs.13 and 24. Set temp. 1/4 sec.cor.
- 79.70 Intersect E. bdy.of Tp., 2 1/2 lks.N. of the original cor.of secs.13 and 24, an iron post, 3 ins. in diam.,12 ins. above ground, firmly set, marked on brass cap,

T21S	
S13	S18
S24	S19
R23E	R24E

1913

and witnessed by pits NW. and SW.,and mound of earth W.of cor. No bearing trees.

Thence,
N.89°59'W., on a true line, bet. secs.13 and 24.
Over rolling land, thru.scattering undergrowth. Descend gradual W.slope.

12. Subdivision of Township 21 South, Range 23 East.

Chains

29.70 East edge of draw, brs. N.20°W. and S.20°E. Thence across draw, course N.20°W.

35.70 West edge of draw, brs. N.20°W. and S.20°E. Leave draw and descend gradually over NE. slope.

39.85 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,

S 13

S 24

1916

79.70 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. The cor. of secs. 13, 14, 23 and 24.

Land, rolling valley, slopes to NW.

Soil, gravelly clay loam, about 12 ins. deep, 2nd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and joshua, 3 ft. high.

Good grass.

N.0°01'W., bet. secs. 13 and 14.

Over rolling land, thru scattering undergrowth. Descend gradually, over NE. slope.

13.50 Wash, 15 lks. wide, 4 ft. deep, course N.30°E.

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,

S14 | S13

1916

52.80 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Draw, 100 lks. wide, 1 1/2 ft. deep, course N.40°E.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, marked on brass cap,

T21S | R23E

S11 | S12

S14 | S13

1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling valley, slopes to the NE.

Soil, gravelly clay loam, about 10 ins. deep, 2nd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto, joshua and Spanish dagger.

Good grass.

S.89°59'E., on a random line, bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

79.72 Intersect E. bdy. of Tp., 8 lks. S. of the cor. of secs. 12 and 13, an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,

T21S

S12 | S17

S13 | R24E

R23E

1913

and witnessed by pits NW. and SW., and mound of earth W. of cor. No bearing trees.

Thence,

S.89°58'W., on a true line, bet. secs. 12 and 13.

Over rolling land, thru scattering undergrowth.

Subdivision of Township 21 South, Range 23 East 13

Chains.

1.52 Road, brs. N. 10° W. and S. 10° E.
39.86 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,

1/4 S 12
S 13
1916

57.70 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. East edge of shallow draw, brs. S. 20° E. and N. 20° W. Thence across draw, course N. 20° W.

66.40 West edge of draw, brs. N. 20° W. and S. 20° E. Leave draw; ascend gradual NE. slope.

79.72 The cor. of secs. 11, 12, 13 and 14. Land, rolling valley, slopes to the N. Soil, sandy and gravelly loam, about 12 ins. deep, 2nd rate. No timber. Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and joshua. Good grass.

22.00 N. 0° 1' W., bet. secs. 11 and 12. Over rolling land, thru scattering undergrowth. Shallow draw, 2.00 chs wide, course N. 40° W.
39.95 A point about 25 lks. E. of SE. cor. of wire fence.
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,

1/4 S 11 | S 12
1916

59.85 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Wire fence, brs. E. and W., 30 lks. E. of intersection with wire fence, brs. N. and S.

70.00 Leave undergrowth, bearing E. and W.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, marked on brass cap.

T 21 S | R 23 E
S 2 | S 1
S 11 | S 12
1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling valley, slopes to the N. and NW. Soil, gravelly clay loam, about 12 ins. deep, 2nd rate. No timber. Undergrowth, scrub mesquite, greasewood, chaparral, joshua and brigham brush. Good grass.

40.00 N. 89° 58' E., on a random line, bet. secs. 1 and 12. Set temp. 1/4 sec. cor.
79.78 Intersect E. bdy. of Tp., 12 lks. S. of the cor. of secs. 1 and 12, an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked

T 21 S
S 1 | S 6
S 7
S 12
R 23 E | R 24 E
1916

and witnessed by pits NW. & SW. and mound of earth W. of cor. No bearing trees.

14. Subdivision of Township 21 South, Range 23 East.

Chains.

Thence,
 S.89°53'W., on a true line, bet. secs.1 and 12.
 Over rolling land. No undergrowth.
 5.48 Road brs.N.30°E. and S.30°W.
 25.88 Road brs.N.20°E. and S.20°W.
 39.89 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,

S 1
 S 12
 1916

60.00 Raise a mound of ztone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,N.of cor.
 Wire fence, brs.N. and S., 30 lks.S. of NE.fence cor.
 Thence in road, brs. W.from SE., along S.side of fence,
 bearing E. and W.
 79.78 The cor.of secs. 1,2, 11 and 12.
 Land, rolling valley, slopes to the W. and NW.
 Soil, gravelly clay loam, about 10 ins. deep, 2nd rate.
 No timber or undergrowth.
 Good grass.

N.0°01' W.,on true line, bet. secs. 1 and 2.
 Over rolling land. No undergrowth.
 Along E. side of fence, brs. N. and S. brs.N. and S.
 .10 Road, brs.E. and W.
 .45 Wire fence, brs.E. and W., about 25 lks.E. of intersection
 with wire fence, brs.N. and S.
 12.60 S. edge of draw, brs.E. and W.,thence across draw, course
 W.
 16.90 N. edge of draw, brs.E and W. Leave draw.
 17.85 Corral fence brs.E. 1.00 chain,and W. 25 lks.dist.Thence
 across corral.
 19.20 Corral fence, brs.E.1.00 chain,and W.25 lks.dist. Leave
 corral; continue along E. side of wire fence, bearing
 N. and S.
 22.45 Leopold Trappman's house, brs.E. about 6.00 chs.dist.
 22.50 Road to Trappman's house brs.E. and W.
 27.00 Left edge of "Government Draw" brs.N.40°E. and S.60°W.;
 thence across draw, course S. 40°W.
 35.20 Wash, 20 lks.wide, banks 4 ft.high, course S.40°W. Con-
 tinue across Government Draw, along E./side of fence.
 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,

S2 | S1
 1916

41.66 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,W.of cor.
 A point 25, lks.E. of intersection of wire fence,bearing
 west,with wire fence bearing N.and S.
 61.00 Right edge of Government draw, brs.N.30°E. and S.40°W.
 Leave said draw.
 65.50 Right edge of Government Draw, brs.N.40°W. and S.40°E.
 Thence in said draw, course S.
 91.44 Intersect the 4th.Standard Parallel South,, 11.60 chs.
 N.89°44'W., of the reestablished standard $\frac{1}{4}$ sec.cor.
 of sec.35, T.20 S., R.23 E., an iron post, 1 in. in
 diam., 12 ins. above ground, firmly set,marked on
 brass cap,

SC
 S 35
 1913

and witnessed by pits E. and W., and mound of earth N.
 of cor.
 No bearing trees.

Subdivision of Township 21 South, Range 23 East 15

Chains

At the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 1 and 2, marked on brass cap,

T20S R23E	
S35	
S 2	S 1
T21S	R23E
C	C
1916	

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Land, rolling valley, drains to the SW. Soil, sandy loam, about 16 ins. deep, 2nd rate. No timber or undergrowth. Good grass.

From the original cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp., an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,

T21S	
S34	S35
R23E S 3	S 2
T22S	
1913	

and witnessed by mound of stone, W. of cor. No bearing trees.

N. 0° 1' W., bet. secs. 34 and 35.

Over mountainous land.

Through scattering undergrowth. Descend 84 ft. on NE. slope.

6.30 Ravine, 6 lks. wide, course N. 70° W. Ascend 18 ft. on SW. slope.

16.60 Spur, slopes N. 60° W. Descend 110 ft. on NE. slope.

36.00 Ravine, 15 lks. wide, course N. 60° W. Leave mountainous, and enter rolling land.

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

S34	S35
1916	

55.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Wash, 15 lks. wide, 8 ft. deep; course N. 60° W.

55.80 Ravine, 20 lks. wide, 10 ft. deep, course W.

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

T21S	R23E
S27	S26
S34	S35
1916	

Raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Land, mountainous and rolling.

Soil, rocky, 3rd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, soto, mes- cal, chaparal and ocotillo, 3 ft. high,

Good grass.

16. Subdivision of Township 21 South Range 23 East

Chains East, on a random line, bet. secs. 26 and 35.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.60 Intersect the cor. of secs. 25, 26, 35 and 36.
 Thence,
 West, on true line, bet. secs. 26 and 35.
 Over mountainous land, thru scattering undergrowth. Descend
 450 ft. on SW. slope.
 37.10 Ravine, 10 lks. wide, course S. 20° W. Ascend 45 ft.
 39.80 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,

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

 S 35
 1916'

42.00 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Spur, slopes SE. Descend 70 ft.
 62.30 Wash, 30 lks. wide, course N. 60° W.
 64.60 Same wash, 25 lks. wide, banks, 8 ft. high, course S. 70° W.
 65.40 Same wash, 30 lks. wide, banks, 10 ft. high, course N. 70° W.
 Leave mountainous and enter rolling land.
 79.60 The cor. of secs. 26, 27, 34 and 35.
 Land, mountainous and rolling.
 Soil, rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, chap-
 aral, mescal and ocotillo, 4 ft. high.
 Good grass.

N. 0° 01' W., bet. secs. 26 and 27.
 Over rolling land, thru scattering undergrowth. Descend
 on gradual NW. slope.
 7.50 Wash, 20 lks. wide, course N. 60° W. Ascend 15 ft.
 8.00 Spur, slopes W. Descend 15 ft.
 9.60 Wash, 10 lks. wide, course W. Leave rolling and enter
 mountainous land. Ascend 240 ft. on SW. slope.
 25.80 Spur, slopes W. Descend 16 ft. on N. slope.
 28.30 Ravine, 10 lks. wide, course W. Ascend 150 ft. on SW.
 slope.
 37.45 Ridge, brs. N. 30° W. and S. 60° E. Descend 46 ft. on NE. slope.
 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,

$\frac{1}{4}$ S 27 | S 26

 1916

40.75 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Ravine, 6 lks. wide, course N. 70° E. Ascend 99 ft. on SE.
 slope.
 46.50 Spur, slopes E. Descend 352 ft. on NE. slope.
 71.80 South edge of draw, brs. N. 50° E. and S. 50° W.; leave moun-
 tainous, and enter rolling land, in draw, draining SW.
 73.85 Wash, 20 lks. wide, course S. 60° W. Leave draw; ascend
 gradually over S. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 22, 23, 26 and 27, marked
 on brass cap,

T21S | R23E

 S22 | S23

 S27 | S26

 1916

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling and mountainous.
 Soil, rocky, 3rd and 4th rate.
 No timber.

Subdivision of Township 21 South, Range 23 East. 17

Chains
 Undergrowth, scattering scrub mesquite, greasewood, ocotillo, mesquite, sotillo, mescal, chaparral, and soto, 4 to 6 ft. high.
 Good grass.

East, on a random line, bet. secs. 23 and 26.
 40.00 Set temp. $\frac{1}{2}$ sec. cor.
 79.56 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 23, 24, 25 and 26.
 Thence
 S. 89° 58' W., on a true line, bet. secs. 23 and 26.
 Over mountainous land, thru scattering undergrowth. Descend 103 ft. on W. slope.
 11.50 Wash, 20 lks. wide, course S. 40° W.; leave mountainous, and enter rolling land.
 21.20 Wash, 10 lks. wide, 6 ft. deep, course south. Ascend gradually on SE. slope.
 39.78 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{2}$ sec. cor., marked on brass cap,

$\frac{1}{2}$ S 23
 S 26
 1916

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 45.50 Spur, slopes S. Descend on gradual SW. slope.
 60.80 Wash, 10 lks. wide, course S. 20° W. Ascend 10 ft.
 61.50 Low spur, slopes S. 20° W. Descend 15 ft. on W. slope, 20 ft.
 76.50 Wash, 20 lks. wide, course S. 20° W. Ascend.
 79.56 The cor. of secs. 22, 23, 26 and 27.
 Land, mountainous and rolling.
 Soil, rocky, 4 to 6 ins. deep, 3rd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, mescal, chaparral, soto and ocotillo, 4 ft. high,
 Good grass.

N. 0° 1' W., bet. secs. 22 and 23.
 Over rolling land, thru scattering undergrowth.
 15.00 Leave rolling, and enter mountainous land at foot of steep slope, brs. E. and W. Ascend 400 ft. on S. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., marked on brass cap,

S 22 | S 23
 1916

Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 40.50 Ridge, brs. E. and W. Descend 179 ft. on N. slope.
 49.30 Ravine, 10 lks. wide, course N. 60° W. Ascend 41 ft. on SW. slope.
 52.50 Spur, slopes NW. Descend 161 ft.
 60.80 Ravine, 20 lks. wide, course N. 30° E. Ascend 113 ft. on SE. slope.
 64.40 Limestone cliff, 30 ft. high, brs. N. 60° E. and S. 60° W.
 65.70 Spur, slopes N. 70° E. Descend 76 ft.
 68.70 Ravine, 15 lks. wide, course east. Ascend 211 ft. on SE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on bed rock, supported by a mound of stone for cor. of secs. 14, 15, 22 and 23, marked on brass cap,

T 21 S | R 23 E
 S 15 | S 14
 S 22 | S 23
 1916

18. Subdivision of Township 21 South, Range 23 East.

Chains.

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling and mountainous. Soil, rocky, 2 to 8 ins. deep, 4th rate. No timber. Undergrowth, scattering scrub mesquite, chaparal, soto, mes-cal and ocotillo. Good grass.

N. 89° 58' E., on a random line, bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

79.70 Intersect N. and S. line, 8 lks. N. of the cor. of secs. 13, 14, 23 and 24.

Thence,

N. 89° 59' W., on a true line, bet. secs. 14 and 23.

Over rolling land, thru. scattering undergrowth.

Ascend 12 ft.

6.00 Low spur, slopes NE. Descend 10 ft.

7.80 Ravine, 10 lks. wide, 3 ft. deep, course N. 10° W. Ascend 25 ft.

30.00 Low spur, slopes NE. Descend 8 ft.

39.85 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,

S 14
S 23
1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Spur, slopes NE. Descend 12 ft. on NW. slope.

48.00 59.40 Ravine, 15 lks. wide, 3 ft. deep, course N. 20° E. Leave rolling, and enter mountainous land. Ascend 375 ft. on SE. slope.

79.70 The cor. of secs. 14, 15, 22 and 23.

Land, rolling and mountainous.

Soil, rocky, 3rd and 4th rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, mes-cal, chaparal, joshua and ocotillo, 4 ft. high.

Good grass.

N. 0° 1' W., bet. secs. 14 and 15.

Over mountainous land, thru. scattering undergrowth. Ascend.

.20 Spur, slopes N. 70° E. Descend 129 ft. on NW. slope.

6.05 Ravine, 15 lks. wide, course N. 60° E. Ascend 52 ft. on SE. slope.

14.00 Spur, slopes N. 60° E. Descend 305 ft. on NW. slope.

26.45 Wash, 20 lks. wide, in canyon, course N. 40° E. Ascend 86 ft. on SE. slope.

38.50 Spur, slopes E. Descend 13 ft. on N. slope.

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,

S 15 | S 14
1916

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

41.00 Ravine, 5 lks. wide, course E. Ascend 75 ft. on SE. slope.

45.50 Limestone cliff, 35 ft. high, brs. NE., 3.00 chs. and SW. about 10 chs. dist. faces NW.

47.00 Spur, slopes N. 60° E. Descend 186 ft. on NW. slope.

55.15 Wash, 15 lks. wide, in canyon, course N. 60° E. Ascend 25 ft. on SE. slope.

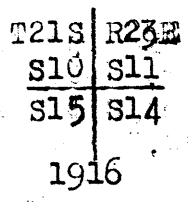
58.70 Spur, slopes E. Descend 127 ft. on N. slope.

67.00 Foot of descent, brs. N. 70° W. and S. 40° E.; leave mountainous, and enter rolling land.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked on

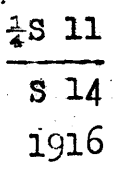
Chains.

brass cap,



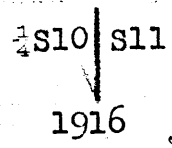
Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of corner.
 Land, mountainous and rolling.
 Soil, rocky, 4th rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, soto, mescal and ocotillo.
 Good grass.

40.00 s. 89° 59' E., on a random line, bet. secs. 11 and 14.
 69.68 Set temp. ¼ sec. cor.
 Intersect the corner of secs. 11, 12, 13 and 14.
 Thence,
 N. 89° 59' W., on a true line, bet. secs. 11 and 14.
 Over rolling land, thru. scattering undergrowth.
 Descend gradually.
 10.60 Draw, 100 lks. wide, course N. 20° E.
 Ascend gradually.
 19.70 Top of ascent, brs. NE. and SW., sloping NE.
 Descend gradually on NW. slope.
 39.84 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,



Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of corner.
 Thence, along gradual N. slope.
 79.68 The cor. of secs. 10, 11, 14 and 15.
 Land, rolling valley, slopes to the NE. and N.
 Soil, gravelly and rocky loam, 8 ins. deep, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto, and joshua, 4 to 6 ft. high.
 Good grass.

N. 0° 1' W., bet. secs. 10 and 11.
 Over rolling land, thru. scattering undergrowth.
 Descend over gradual NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,



60:60 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 Road, E. and W. along S. side of fences, bearing E. and

20. Subdivision of Township 21 South, Range 23 East.

Chains.

- W. in secs. 10 and 11. Enter road, brs. N., fenced on both sides.
- 64.10 South edge of "Government Draw" brs. N. 40° E. and SW. Thence across said draw, course W. from NE. Leave road brs. N. 30° E., along edge of draw.
- 80.00 In "Government Draw," Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked on brass cap,

T21S	R23E
S 3	S 2
S10	S11
1916	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of corner.
 Land, rolling valley, slopes to the north.
 Soil, sandy and gravelly loam, about 15 ins. deep, 2nd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and joshua.
 Good grass.

- 40.00 S 89° 59' E., on a random line, bet. secs. 2 and 11. Set temp. sec. cor.
- 79.64 Intersect N. and S. line, 8 lks. S. of the cor. of secs. 1, 2, 11 and 12.
 Thence, S. 89° 58' W., on a true line, bet. secs. 2 and 11.
 Over rolling land, through scattering undergrowth, along road, brs. E. and W.
- 39.82 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

¼ S	2
S 11	
1916	

- Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and scatter the earth.
- 65.00 Leave road, brs. S. 30° W. from E.
- 65.60 Left edge of "Government Draw," brs. N. 40° E. and S. 40° W.; thence across said draw, course SW.
- 78.60 Wire fence, brs. N. and S.
- 78.72 Road brs. N. and S., fences on both sides.
- 79.64 The cor. of secs. 2, 3, 10 and 11, in "Government Draw."
 Land, rolling, drains to the west.
 Soil, sandy and gravelly loam, about 12 ins. deep, 2nd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and joshua.
 Good grass.

N. 0° 1' W., on a true line, between secs. 2 and 3.
 Over rolling land, in "Government Draw," along W. side of road, fenced on both sides.

Subdivision of Township 21 South, Range 23 East. 21.

Chains.

- 15.00 Right edge of "Government Draw," brs.N.40°E. and S440°W.; leave said draw, course SW. Ascend gradually, over S. slope.
- 23.50 A point about 100 lks. E. of NE. fence cor. Leave lane and road, and continue along west side of fence.
- 23.90 Road brs.E. and W., turns SW. at about 3.00 chs. W. of line.
- 24.00 A deserted tent house and well, brs.E. about 7.00 chs. dist.
- 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,

1/4 S 3 | S 2
 ────┬───
 1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of corner.

- 40.65 A point about 30 lks. west of northwest corner of wire fence. Leave fence.
- 40.75 Road brs. E. and W., along N. side of fence, bearing east, through sec. 2.
- 83.00 Foot of steeper ascent, brs.N.40°W. and S.60° E. Ascend 40 ft. on SW. slope.
- 91.77 Intersect the 4th. Standard Parallel South, 11.22 chs. N. 89°44' W., of the reestablished standard 1/4 sec. cor. of sec. 34, T.20 S., R.23 E., An iron post, 1 in. in diam., 10 ins. above ground, firmly set, marked on brass cap,

S C
 1/4 S 34
 ────┬───
 1913

and witnessed by mound of stone, north of cor. No bearing trees.
 At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 2 and 3, marked on brass cap,

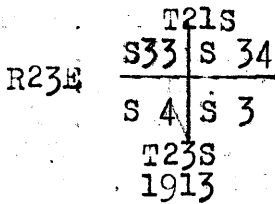
T20S R23E
 S34
 ────┬───
 S 3 | S 2
 T21S | R23E
 C C
 1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Land, rolling.
 Soil, sandy and rocky loam, 6 to 12 ins. deep, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, chaparal, soto and joshua.
 Good grass.

From the original cor. of secs. 3, 4, 33 and 34 on S. bdy. of township, an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,

22. Subdivision of Township 21 South, Range 23 East.

Chains.



and witnessed by mound of stone, W. of cor. No bearing trees.

Thence,

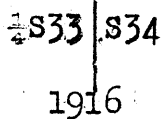
N.0° 2' W., bet. secs. 33 and 34.

Over rolling land, thru scattering undergrowth.

25.70 Wash, 10 lks. wide, 4 ft. deep, course N.50° W.

28.40 Road brs. N.60° W. and S.60° E.

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,

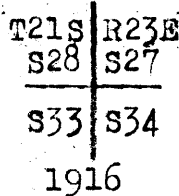


Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Road, brs. N.30° W. and S.30° E.

45.00

74.30 Wash, 20 lks. wide, 3 ft. deep, course west.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap,



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

Land, rolling valley, drains to the west.

Soil, gravelly and rocky, 2nd and 3rd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, ocotillo and joshua, 4 to 6 ft. high.

Good grass.

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

40.00 Set temp. 1/4 sec. cor.

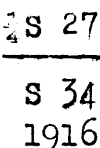
79.86 Intersect N. and S. line, 10 lks. N. of the cor. of secs. 26, 27, 34 and 35.

Thence,

N.89° 56' W., on a true line, bet. secs. 27 and 34.

Over rolling land, thru scattering undergrowth.

39.93 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,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. The cor. of secs. 27, 28, 33 and 34.

79.86

Land, rolling valley, slopes to the west.

Soil, gravelly and rocky, clay loam, about 12 ins. deep, 2nd and 3rd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chaparral, ocotillo, soto, and joshua, 4 to 6 ft. high.

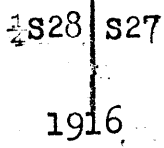
Subdivision of Township 21 South, Range 23 East. 23

Chains.

Good grass.

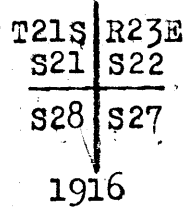
N.0° 2'W., bet. secs. 27 and 28.
Over rolling land, thru. scattering undergrowth.

- 37.00 Wash, 20 lks.wide, 4 ft. deep, course west.
- 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,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of corner.

- 45.00 South edge of draw, brs. N.60°E. and S.70°W. Thence across draw, course S. 70°W.
- 49.50 North edge of draw, brs. N.70°E. and S.70°W. Leave draw, and ascend gradually over S.slope.
- 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, marked on brass cap,



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

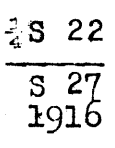
Land, rolling valley, slopes to the west.
Soil, gravelly loam, about 12 ins. deep, 2nd and 3rd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and ocotillo, 4 to 6 ft. high.
Good grass.

S.89° 56' E., on a random line, between secs. 22 and 27.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.70 Intersect N. and S. line, 10 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence,
N. 89° 52' W., on a true line, bet. secs. 22 and 27.
Over rolling land, thru. scattering undergrowth.

- 23.30 Wash, 10 lks.wide, 6 ft. deep, course S. 10°W.
- 39.85 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,



Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of corner.

- 50.60 Wash, 15 lks.wide, 4 ft. deep, course S. 40°W.

24. Subdivision of Township 21 South, Range 23 East.

Chains.

79.70 The cor. of secs. 21, 22, 27 and 28.
 Land, rolling valley, sloping south.
 Soil, rocky clay loam, about 12 ins. deep, 3rd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, chap-
 aral, soto, mescal and ocotillo.
 Good grass.

N. 0° 2' W., bet. secs. 21 and 22.
 Over rolling land, through scattering undergrowth.
 Ascend gradually.

15.00 Foot of steep ascent, bears E. and W. Leave rolling, and
 enter mountainous land.

Ascend 400 ft. on SE. slope.

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,

$\frac{1}{4}$ S21	S22
-------------------	-----

1916

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

41.70 Ridge, brs. E. and W. Descend 64 ft. on N. slope.

44.10 Ravine, 6 lks. wide, course N. 60° E. Ascend 23 ft. on SE.
 slope.

47.75 Spur, slopes NE. Descend 401 ft. on NW. slope.

63.10 Ravine, 15 lks. wide, course N. 60° E. Ascend 22 ft. on
 SE. slope.

69.00 Spur, slopes N. Descend 118 ft. along top of same.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 15, 16, 21 and 22, marked
 on brass cap,

T21S	R23E
S16	S15

S21	S22
-----	-----

1916

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

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering scrub oak, mountain mahogany,
 chaparral, buck brush and ocotillo, 3 to 6 ft. high.

Good grass.

S. 89° 52' E., on a random line, bet. secs. 15 and 22.

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

79.62 Intersect N. and S. line, 21 lks. S. of the cor. of secs.
 14, 15, 22 and 23.

Thence,

Chains.

- 12.00 S.89°59'W., on a true line, bet. secs.15 and 22. Over mountainous land, thru. scattering undergrowth. Ridge, brs.N.20°W. and S.20°E. Descend 343 ft. on SW. slope.
- 31.35 Ravine, 25 lks.wide, course N.60°W. Ascend 76 ft. on NE. slope.
- 39.81 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1 sec.cor.,marked on brass cap,

S 15
 S 22
 1916

- 49.00 Raise a mound of stone, 3 ft.base, 1½ ft. high, N.of cor. Spur,slopes N.30°W. Descend 73 ft. on SW.slope.
- 53.60 Ravine, 12 lks.wide, course N.40°W. Ascend 38 ft.on NE. slope.
- 58.00 Spur,slopes N.10°W. Descend 46 ft. on SW.slope.
- 62.65 Ravine, 20 lks.wide, course N. Ascend 11 ft. on E.slope.
- 66.00 Spur,slopes N. Descend 35 ft. on W.slope.
- 70.10 Ravine, 15 lks.wide, course N. Ascend 106 ft. on E.slope.
- 77.00 Spur,slopes N,10°E. Descend 10 ft.on NW.slope.
- 79.62 The cor.of secs.15,16,21 and 22.

Land, mountainous.
 Soil,rocky, 4th rate.
 No timber.
 Undergrowth, scattering scrub oak, chaparal,ocotillo,soto, mescal, mountain mahogany, buck brush and catclaw, 4 to 8 ft.high.
 Good grass.

- N.0°2'W., bet. secs: 15 and 16.
 Over mountainous land,thru. scattering und ergrowth. De- scend 124 ft. on NW.slope.
- 5.20 Ravine, 6 lks.wide, course N.30°W. Ascend 125 ft. on SW. slope.
 - 7.50 Spur, slopes NW. Descend 58 ft. on NE.slope.
 - 13.80 Ravine, 10 lks.wide, course N.70°W. Ascend 10 ft.
 - 17.00 Low spur,slopes N.70°W. Descend 8 ft.
 - 19.20 Ravine, 25 lks.wide, course N.60° W. Ascend 10 ft.
 - 23.00 Low spur,slopes W. Descend 8 ft.
 - 26.90 Ravine, 15 lks. wide, course W. Ascend 282 ft.on S.slope.
 - 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in the ground, for 2 sec.cor., marked on brass cap,

S16 | S15
 1916

- 47.00 Raise a mound of stone, 2 ft. base. 1½ ft. high,W.of cor. Rocky ridge, brs.N.50°E. and S.60°W. Descend 284 ft. on N.slope.
- 62.00 Ravine, 10 lks.wide, course W. Ascend 32 ft.on S.slope.
- 68.00 Spur,slopes N.60°W. Descend 32 ft. on NE.slope.
- 80p00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins.in the ground, for cor.of secs.9, 10,15 and 16, marked on brass cap,

T21S | R23E
 S 9 | S10
 S16 | S15
 1916

Raise a mound of stone, 2 ft. base, 1½ ft. high,W.of cor.
 Land, mountainous.
 Soil,rocky,4th rate.

26. Subdivision of Township 21 South, Range 23 East.

Chains.

No timber.
Undergrowth, scattering scrub mesquite, chaparal, soto,
ocotillo and buck brush, 4 to 6 ft. high.
Good grass.

- 40.00 N. 89° 59' E., on a random line, bet. secs. 10 and 15.
- 79.56 Set temp. 1/4 sec. cor.
- Intersect the cor. of secs. 10, 11, 14 and 15.
- Thence,
- S. 89° 59' W., on a true line, bet. secs. 10 and 15.
- Over mountainous land, thru scattering undergrowth. Ascend 10 ft. on NE. slope.
- 21.50 Spur, slopes N. Descend 25 ft. on W. slope.
- 33.76 Ravine, 30 lks. wide, course N. 20° E. Ascend 10 ft.
- 39.78 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,

S 10
S 15
1916

- Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 42.56 Low spur, slopes N. Descend 12 ft. on W. slope.
- 43.00 Ravine, 10 lks. wide, course N. Ascend 142 ft. on E. slope.
- 47.50 Spur, slopes N. Descend 97 ft. on W. slope.
- 72.50 Ravine, 10 lks. wide, course N. Ascend 23 ft. on E. slope.
- 75.50 Spur, slopes N. Descend 18 ft. on W. slope.
- 79.56 The cor. of secs. 9, 10, 15 and 16.
- Land, mountainous.
- Soil, rocky and gravelly loam, about 8 ins. deep, 3rd and 4th rate.
- No timber.
- Undergrowth, scattering mesquite, greasewood, chaparal, soto and ocotillo.
- Good grass.

- N. 0° 2' W., bet. secs. 9 and 10.
- Over rolling land, thru scattering undergrowth. Descend gradually on N. slope.
- 32.00 Wash, 40 lks. wide, course N. 40° E. Ascend SE. slope.
- 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,

S 9 | S 10
1916

- 40175 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W of cor.
- Low limestone ridge, brs. E. and W. Descend gradually, over N. slope.
- 55.00 Foot of ridge; brs. W. and S. 40° E.
- 60.25 Road, brs. E. and W., along S. side of fence.
- 60.40 Wire fence, brs. E. and W.
- 66.00 South edge of "Government Draw", brs. E. and W. Thence across said draw, course W.
- 74.00 North edge of "Government Draw", brs. E. and W. Leave said draw, and ascend gentle S. slope.
- 76.90 Road, brs. E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked on brass cap,

T21S | R23E
S 4 | S 3
S 9 | S 10
1916

Chains.

Dig pits, 18x18x12 ins., in each sec. 5 1/2 ft. dist., and scatter the earth.
 Land, rolling.
 Soil, sandy and rocky loam, about 12 ins. deep.
 No timber.
 • Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and ocotillo, 4 to 6 ft. high.
 Good grass.

40.00 N. 89° 59' E., on a random line, bet. secs. 3 and 10.
 Set temp. 1/4 sec. cor.
 79.58 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 2, 3, 10 and 11.
 Thence,
 N. 89° 59' W., on a true line, bet. secs. 3 and 10.
 Over rolling land, thru. scattering undergrowth, in "Government Draw," course W. from NE.
 .68 Wire fence, brs. N. and S.
 22.60 North edge of "Government Draw," brs. N. 50° E. and S. 50° W; do leave said draw; thence over rolling S. slope.
 39.79 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,

1S 3
 S 10
 1916

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist., and scatter the earth.
 -49.78 Road, brs. N. 40° E. and S. 40° W.
 50.88 Wash, 5 lks. wide, 2 ft. deep, course S. 40° W.
 79.58 The cor. of secs. 3, 4, 9 and 10.
 Land, rolling.
 Soil, sandy loam, about 14 ins. deep, 2nd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and joshua.
 Good grass.

N. 0° 02' W., on true line, bet. secs. 3 and 4.
 Over rolling land, thru. scattering undergrowth.
 5.54 Wire fence, brs. E. and W.
 35.00 Ridge, brs. NW. and SE.; descend over NE. slope.
 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,

1S4 | S3
 1916

63.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Ravine, 15 lks. wide, course S. 70° E.; ascend gradually.
 92.14 Intersect the 4th. Standard Parallel South, 10.72 chs.
 N. 89° 44' W. of the reestablished standard 1/4 sec. cor. of sec. 33, T. 20 S., R. 23 E., an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked on brass cap,

SC
 1S 33
 1913

and witnessed by pits, E. and W., and mound of earth N. of cor. No bearing trees.
 At the point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in

28 Subdivision of Township 21 South Range 23 East

Chains.

the ground for closing cor. of secs. 3 and 4, marked on brass cap,

T20S R23E	
S33	
S 4	S 3
T21S	R23E
C C	
1916	

Dig pits 24x18x12 ins., crosswise on each line, E. and W. 3 ft., and S. of post, 7 ft. dist., and scatter the earth. Land, rolling.

Soil, sandy and gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and ocotillo, 3 ft. high.

Good grass.

From the original cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,

T21S	
S32	S33
S 5	S 4
T22S	
1913	

and witnessed by a mound of stone, W. of cor. No bearing trees,

N. 0° 2' W., bet. secs. 32 and 33.

Over rolling land, thru. scattering undergrowth.

31.80 Wash, 10 lks. wide, 6 ft. deep, course N. 70° W.

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,

S32	S33
1916	

79.30 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Wash, 20 lks. wide, banks, 4 ft. high, course N. 60° W.

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

T21S	R23E
S29	S28
S32	S33
1916	

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, rolling valley, drains to the W.

Soil, rocky and gravelly loam, about 8 ins. deep, 2nd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chaparral and ocotillo, 4 ft. high.

Good grass.

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

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

Intersect N. and S. line, 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence,

S. 89° 58' W., on a true line, bet. secs. 28 and 33.

subdivision of Township 21 South, Range 23 East. 29.

Chains.

Over rolling land, thru, scattering undergrowth.
 27.60 Draw, 100 lks. wide, course N. 50° W.
 40.09 Set an iron post 3 ft. long, 1 in. indiam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

S 28
 S 33
 1916

51.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
 Wash, 20 lks. wide, banks, 4 ft. high, course N. 60° W.
 66.86 Road, brs. N. 50° W. and S. 50° E.
 80.18 The cor. of secs. 28, 29, 32 and 33.
 Land, rolling valley, slopes to the west.
 Soil, sandy and gravelly, loam 6 to 12 ins. deep, 2nd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, soto
 ocotillo and joshua, 4 to 6 ft. high.
 Good grass.

N. 0° 2' W., bet. secs. 28 and 29.

Over rolling land, thru scattering undergrowth.
 6.50 Road, brs. N. 40° W. and S. 40° E.
 11.50 Wash, 15 lks. wide, 6 ft. deep, course N. 60° W.
 16.00 South edge of draw, brs. N. 40° E. and S. 70° W., Thence across flat bottom of draw, course S. 70° W.
 30.00 North edge of draw, brs. E. and W. Leave draw; ascend gradual S. slope.
 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,

S 29 | S 28
 1916

80.00 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap,

T21S | R23E.
 S 20 | S 21
 S 29 | S 28
 1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, rolling valley, drains to the west.
 Soil, sandy clay loam, about 12 ins. deep, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, ocotillo and joshua, 4 to 6 ft. high.
 Good grass.

40.00 N. 89° 58' E., on a random line, bet. secs. 21 and 28.
 Set temp. 1/4 sec. cor.
 80.16 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 21, 22, 27 and 28.
 Thence,
 S. 89° 59' W., on a true line, bet. secs. 21 and 28.
 Over rolling land, thru scattering undergrowth.
 20.15 Ravine, 20 lks. wide, banks, 4 ft. high, course south.
 32.10 Ravine, 10 lks. wide, banks, 5 ft. high, course south.
 40.08 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,

30. Subdivision of Township 21 South, Range 23 East.

Chains.

1S 21
S 28
1916

55.30 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
Ravine, 20 lks. wide, 4 ft. deep, course south.
80.16 The cor. of secs. 20, 21, 28 and 29.
Land, rolling valley, drains to the west.
Soil, sandy and gravelly clay loam, about 10 ins. deep, 3rd
rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, soto,
chaparral and joshua, 4 ft. high.
Good grass.

N. 0° 2' W., bet. secs. 20 and 21.
Over rolling land, thru. scattering undergrowth; ascend
gradual S. slope.
25.00 Foot of steep S. slope, brs. E. and W. Leave rolling and
enter mountainous land. Ascend 950 ft.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground for 2-sec. cor., marked on brass cap,

1S 20 | S 21
1916

51.30 Raise mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Ridge, brs. E. and W. Descend 38 ft. on N. slope.
53.60 Head of ravine, 8 lks. wide, course E. Ascend 45 ft.
55.50 Spur, slopes N. 40° E. Descend 450 ft. on NW. slope.
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 16, 17, 20 and 21, marked
on brass cap,

T 21 S | R 23 E
S 17 | S 16
S 20 | S 21
1916

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling and mountainous.
Soil, rocky, 4th rate.
No timber.
Undergrowth, scattering chaparral, greasewood, soto, oco-
tillo and buck brush, 4 ft. high.
Good grass.

40.00 N. 89° 59' E., on a random line, bet. secs. 16 and 21.
Set temp. 1 sec. cor.
79.92 2 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
15, 16, 21 and 22.
Thence,
N. 89° 59' W., on a true line, bet. secs. 16 and 21.
Over mountainous land, thru. scattering undergrowth. Desc.
99 ft. on NW. slope.
10.40 Ravine, 10 lks. wide, course north. Ascend E. slope.
18.00 Spur, slopes N. Descend 20 ft. on W. slope.
18.90 Ravine, 15 lks. wide; course north. Ascend 218 ft. on E.
slope.
36.00 Spur, slopes N. and S. Descend 72 ft. on W. slope.
39.90 Ravine, 15 lks. wide, course N. Ascend 18 ft. on NE. slope.
39.96 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground for 1 sec. cor., marked on brass cap,

1S 16
S 21
1916

Chains

- 41.20 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Spur, slopes N. Descend 32 ft. on W. slope.
- 42.90 Ravine, 10 lks. wide, course N. Ascend 136 ft. on E. slope.
- 53.75 Spur, slopes N. Descend 161 ft.
- 60.00 Ravine, 16 lks. wide, course N. Ascend 65 ft. on E. slope.
- 68.00 Spur, slopes N. Descend 68 ft. on W. slope.
- 72.45 Ravine, 15 lks. wide, course N. Ascend E. slope, 29 ft.
- 76.50 Spur, slopes N. Descend 50 ft. on W. slope.
- 79.92 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous.
Soil, rocky, 4th rate.
No timber.

Undergrowth, scattering greasewood, chaparral, soto, mesquite, ocotillo, mountain mahogany and buck brush, 3 to 6 ft. high.
Good grass.

N. 0° 2' W., bet. secs. 16 and 17.

Over mountainous land, thru scattering undergrowth. Descend 224 ft. on NW. slope.

- 10.15 Ravine, 15 lks. wide, course N. 80° W. Ascend 114 ft. on SW. slope.
- 15.00 Spur, slopes N. 60° W. Descend 272 ft. on N. slope.
- 38.75 Wash, 20 lks. wide, course N. 70° W. Ascend gradually on S. slope.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap,

S17	S16
-----	-----

1916

Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Ascend gradually.

- 45.00 Foot of steep S. slope, brs. E. and W. Ascend 135 ft.
- 56.00 Ridge, brs. S. 60° E. and W. Descend 186 ft. on NE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs., 8, 9, 16 and 17, marked on brass cap,

T21S	R23E
S 8	S 9
S17	S16

1916

Dig pits, 18x18x12 ins., in each sec. 5½ ft. dist., and scatter the earth.

Land, mountainous.
Soil, rocky, 4th rate.
No timber.

Undergrowth, scattering chaparral, greasewood, soto, ocotillo, buck brush and mountain mahogany.
Good grass.

S 89° 59' E. on a random line, bet. secs. 9 and 16.

- 40.00 Set temp. ¼ sec. cor.
- 79.88 Intersect N. and S. line, 8 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence, N. 89° 56' W., on a true line, bet. secs. 9 and 16.

Over rolling land, descending along N. slope, thru scattering undergrowth.

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

32 Subdivision of Township 21 South Range 23 East

Chains.

S 9
S 16
1916

- 43.38 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Wash, 10 lks. wide, course N.
- 57.00 Wash, 35 lks. wide, banks, 6 ft. high, course N. 10° W.; ascend gradually over N. slope.
- 79.88 The cor. of secs. 8, 9, 16 and 17. Land, rolling. Soil, gravelly and rocky clay loam, 12 ins. deep, 3rd rate. No timber. Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and ocotillo, 4 to 6 ft. high. Good grass.

-
- N. 0° 2' W., bet. secs. 8 and 9. Over rolling land, thru scattering undergrowth. Descend gradually.
 - 18.90 Wash, 30 lks. wide, banks, 6 ft. high, course N. 70° W. Ascend 10 ft.
 - 25.00 Gravelly spur, slopes W. Descend 3 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,

S 8 | S 9
1916

- 63.50 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. South edge of "Government Draw" brs. E. and W. Thence across said draw, course W.
- 66.60 North edge of said draw. Leave draw, and ascend over gradual S. slope.
- 68.70 Road, brs. E. and W.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 4, 5, 8 and 9, marked on brass cap,

T21S | R23E
S 5 | S 4
S 8 | S 9
1916

Dig pits, 18x18x12 ins. in each sec. 5 1/2 ft. dist., and scatter the earth. Land, rolling valley, slopes to the west. Soil, gravelly and rocky loam, about 12 ins. deep, 2nd and 3rd rate. No timber. Undergrowth, scattering scrub mesquite, greasewood, chaparral and soto, 4 ft. high, Good grass.

-
- 40.00 S. 89° 56' E., on a random line, bet. secs. 4 and 9. Set temp. 1/2 sec. cor.
 - 79.74 Intersect N. and S. line, 5 lks. N. 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 rolling land, thru scattering undergrowth.
 - 20.20 Wire fence, brs. N. and S.
 - 39.87 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,

Chains.

S	4
<hr/>	
S	9
1916	

79.74 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. The cor. of secs. 4, 5, 8 and 9. Land, rolling valley, drains to the west. Soil, sandy and gravelly loam, about 12 ins. deep, 2nd and 3rd rate. No timber. Undergrowth, scattering scrub mesquite, greasewood, chaparral and soto, 4 ft. high. Good grass.

15.00 N. 0° 02' W., on a true line, bet. secs. 4 and 5. Over rolling land, thru scattering undergrowth. Foot of steep S. slope, brs. E. and W.; leave rolling, and enter mountainous land. Ascend 187 ft.

31.00 Spur, slopes S. 50° E. Descend 118 ft. on NE. slope.

35.90 Ravine, 20 lks. wide, course S. 70° E. Ascend 327 ft. on SW. slope.

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

S	5	S	4
<hr/>			
1916			

46.00 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Ridge, brs. N. 60° W. and E. Descend 242 ft. on NE. slope.

65.40 Ravine, 15 lks. wide, course N. 40° W. Ascend 23 ft.

67.00 Rocky spur, slopes N. 40° W. Descend 21 ft. on NE. slope.

69.35 Ravine, 10 lks. wide, course N. 60° W. Ascend 99 ft. on SW. slope.

77.00 Spur slopes W. Descend gradual, NW. slope.

92.46 Intersect the 4th. Standard Parallel South, 10.44 chs. N. 89° 44' W. of the reestablished standard ¼ sec. cor. of sec. 32, an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked on brass cap,

SC	
¼	S 32
<hr/>	
1913	

and witnessed by mound of stone, N. of cor. No bearing trees. At the point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 4 and 5, marked on brass cap,

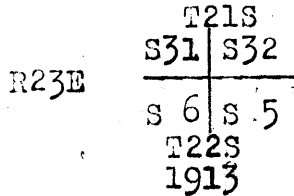
T20S	R23E
S32	
<hr/>	
S 5	S 4
T21S	R23E
C C	
1916	

Raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Land, rolling and mountainous. Soil, rocky, 3rd and 4th rate. No timber. Undergrowth, scattering greasewood, chaparral, soto, ocotillo and mesquite, 4 ft. high. Good grass.

34 Subdivision of Township 21 South, Range 23 East.

Chains.

From the original cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp., an iron post, 3 ins. in diam., 12 ins. above ground, firmly set, marked on brass cap,

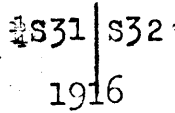


and witnessed by mound of stone, W. of cor. No bearing trees.

N. 0° 3' W., bet. secs. 31 and 32.

Over 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,

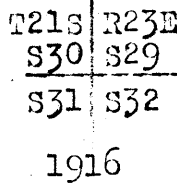


49.50 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Left edge of draw, brs. NW. and SE. Thence across draw, course N. 50° W.

53.70 The foundation of adobe house, brs. W., 3.00 chs. dist.

68.00 Right edge of same draw, brs. N. 50° W. and S. 50° E. Leave draw.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, marked on brass cap,



Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, rolling valley, drains to the west. Soil, sandy and gravelly clay loam, about 12 ins. deep, 2nd and 3rd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, ocotillo, chaparal, soto and joshua, 4 to 6 ft. high.

Good grass.

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

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

80.28 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence,

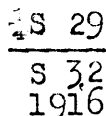
N. 89° 58' W., on a true line, bet. secs. 29 and 32.

Over rolling land, thru. scattering undergrowth.

3.40 Wash, 20 lks. wide, banks, 5 ft. high, course N. 40° W.

15.00 Same wash, 20 lks. wide, banks, 4 ft. high, course S. 50° W.

40.14 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,



50.50 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Same wash, 25 lks. wide, banks, 3 ft. high, course N. 60° W.

69.60 Wash, 15 lks. wide, banks, 4 ft. high, course N. 30° W.

71.60 Road, brs. N. and S. Extends northerly to Tombstone and Southerly to Bisbee.

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

Subdivision of Township 21 South, Range 23 East. 35.

Chains.

Land, rolling valley, drains to the west.
Soil, sandy clay loam, 12 ins. deep, 2nd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, ocotillo, chaparral, soto and joshua, 4 to 6 ft. high.
Good grass.

- 40.00 West, on a random line, bet. secs. 30 and 31.
- 78.44 Set temp. $\frac{1}{4}$ sec. cor.
- 78.44 Intersect the W. bdy. of Twp. 5 lks. S. of the reestablished cor. of secs. 30 and 31, hereinbefore described.
- Thence, S. $89^{\circ}58'$ E., on a true line, bet. secs. 30 and 31.
- 20.45 Over rolling land, thru. dense undergrowth.
- 23.05 Left edge of draw; brs. N. 50° W. and S. 60° E. Thence across draw, course W. from SE.
- 36.94 Wash, 20 lks. wide, 4 ft. deep, course N. 50° W. Continue across draw.
- 36.94 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for witness cor. to the $\frac{1}{4}$ sec. cor., marked on brass cap,

$\frac{1}{4}$ WC $\frac{1}{4}$ $\frac{S}{S}$ $\frac{30}{31}$
 1916

- 38.44 Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. The point for the $\frac{1}{4}$ sec. cor. falls in wash, 40 lks. wide, course S. 60° W., where natural causes would insure the destruction of the cor.; therefore, at point 1.50 chs. N. $89^{\circ}58'$ W., set W.C. as described above. Continue across draw.
- 68.40 Right edge of draw, brs. N. 80° W. and S. 30° E. Leave draw.
- 78.44 The cor. of secs. 29, 30, 31 and 32.
- Land, rolling valley, drains to the W.
- Soil, gravelly and rocky loam, about 8 ins. deep, 2nd and 3rd rate.
- No timber.
- Undergrowth, dense scrub mesquite, greasewood, catclaw, and desert willow, 3 to 6 ft. high.
- Good grass.

- N. 0° $3'$ W., bet. secs. 29 and 30.
- 2.60 Over rolling land, thru. scattering undergrowth.
- 26.80 Wash, 20 lks. wide, banks, 4 ft. high, course W.
- 40.00 Road, brs. N. 30° W. and S. 30° E. Extends northerly to Tombstone, and southerly to Bisbee.
- 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,

$\frac{1}{4}$ S30 | S29
 1916

- 77.40 Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and scatter the earth.
- 80.00 Road, brs. N. 40° W. and S. 40° E.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap,

T21S	R23E
S19	S20
S30	S29

 1916

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Land, rolling valley, drains to the west.

36 Subdivision of Township 21 South Range 23 East

Chains.

Land, rolling valley, slopes to the west.
Soil, gravelly clay loam, 2nd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood and chaparral, 4 ft. high.
Good grass.

S. 89° 58' E., on a random line, bet. secs. 20 and 29.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.28 Intersect N. and S. line, 6 lks. S. of the cor. of secs. 20, 21, 28 and 29.
Thence,
West, on true line, bet. secs. 20 and 29.
Over rolling land, thru scattering undergrowth.
34.50 Wash, 10 lks. wide, banks 8 ft. high, course S. 20° W.
40.14 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,

S 20
S 29
1916

80.28 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. The cor. of secs. 19, 20, 29 and 30.
Land, rolling valley, slopes to the south.
Soil, sandy and gravelly clay loam, about 12 ins. deep, 3rd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto and ocotillo, 4 ft. high.
Good grass.

N. 89° 58' W., on a random line, bet. secs. 19 and 30.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
78.52 Intersect the W. bdy. of Tp., 4 lks. S. of the reestablished cor. of secs. 19 and 30, hereinbefore described.
Thence,
S. 89° 56' E., on a true line, bet. secs. 19 and 30.
Over rolling land, thru scattering undergrowth.
10.50 Left edge of draw, brs. N. 40° W. and S. 40° E. Thence across draw, course N. 40° W.
19.00 Right edge of draw, brs. NW. and SE. Leave draw.
33.42 Road, brs. N. 50° W. and S. 50° E.
38.52 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,

S 19
S 30
1916

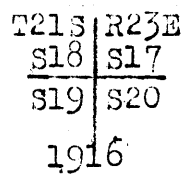
57.12 Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Road, brs. N. 30° W. and S. 30° E. Extends northerly to Tombstone and southerly to Bisbee.
75.37 Road, brs. N. 40° W. and S. 40° E.
78.52 The cor. of secs. 19, 20, 29 and 30.
Land, rolling valley, slopes to the west.
Soil, gravelly clay loam, 2nd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chaparral, and ocotillo, 3 to 5 ft. high.
Good grass.

N. 0° 3' W., bet. secs. 19 and 20.
Over rolling land, through scattering undergrowth.
Ascend gradually.

Subdivision of Township 21 South, Range 23 East. 37

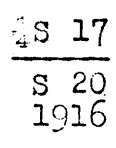
Chains.
 35.00 Wash, 20 lks.wide, banks, 5 ft. high, course W.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec.cor., marked on brass cap,
 S19 | S20
 1916

44.00 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Foot of steep ascent, brs. N.60°W. and S.70°E. Leave roll-
 ing and enter mountainous land. Ascend 102 ft. on SW.
 slope.
 51.30 Spur, slopes W. Descend 29 ft. on N.slope.
 54.55 Ravine, 4 lks.wide, course W. Ascend about 8 ft.
 57.00 Point of spur, slopes W. Descend 10 ft.
 63.15 Ravine, 15 lks.wide, course S.60° W. Ascend 244 ft. on
 SW.slope.
 74.00 Spur, slopes W. Descend 123 ft. on N.slope.
 80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 17, 18, 19 and 20, marked
 on brass cap,



Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling and mountainous.
 Soil, gravelly and rocky, 3rd and 4th rate.
 No timber.
 Undergrowth, scattering scrub mesquite, greasewood, chap-
 aral, soto, ocotillo and buck brush, 4 ft. high.
 Good grass.

40.00 East, on a random line, bet. secs. 17 and 20.
 Set temp. $\frac{1}{4}$ sec.cor.
 80.30 Intersect N. and S. line, 5 lks.S. of the cor. of secs. 16,
 17, 20 and 21.
 Thence,
 S.89° 58' W., on a true line, bet. secs. 17 and 20.
 Over mountainous land, thru. scattering undergrowth. De-
 scend 157 ft. on NW.slope.
 9.80 Ravine, 12 lks.wide, course N. Ascend 168 ft. on E.slope.
 17.30 Spur, slopes N.20° W. Descend 104 ft. on SW.slope.
 22.70 Head of ravine, 8 lks.wide, course N.60°W. Ascend 10 ft.
 23.70 Spur, slopes N.20°W. Descend 98 ft. on SW.slope.
 29.15 Ravine, 20 lks.wide, course N.10°W. Ascend 13 ft. on NE.
 slope.
 30.00 Spur, slopes N. Descend 42 ft. on W.slope.
 37.80 Ravine, 15 lks.wide, course N. Ascend 18 ft. on E.slope.
 38.20 Spur, slopes N. Descend 5 ft. on W. slope.
 40.15 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,



44.20 Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Ravine, 5 lks.wide, course N.20°E. Ascend 71 ft. on SE.
 slope.
 52.80 Spur, slopes N. Descend 161 ft. on W.slope.
 63.75 Ravine, 10 lks.wide, course north. Ascend 58 ft. on E.
 slope.
 66.80 Spur, slopes N. Descend 37 ft. on W.slope.
 69.40 Ravine, 10 lks.wide, course N. Ascend 85 ft. on E.slope.

38. Subdivision of Township 21 South, Range 23 East

Chains.

75.30 Spur, slopes N. Descend 96 ft. over W. slope.

80.30 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto, ocotillo and buck brush, 4 ft. high.

Good grass.

40.00 N. 89° 56' W., on a random line, bet. secs. 18 and 19.
Set temp. $\frac{1}{4}$ sec. cor.

78.26 Intersect W. bdy. of Tp., 2 lks. N. of the reestablished cor. of secs. 18 and 19, hereinbefore described.

Thence,

S. 89° 57' E., on a true line, bet. secs. 18 and 19.

Over rolling land, thru scattering undergrowth.

38.26 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,

S 18

S 19

1916

38.66 Raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Road brs. N. and S. Extends northerly to Townstone and southerly to Bisbee.

53.25 Foot of steep ascent, brs. N. and S. Leave rolling, and enter mountainous land. Ascend 255 ft. on W. slope.

74.86 Spur, slopes NW. Descend 12 ft. on NE. slope.

77.66 Ravine, 5 lks. wide, course N. 20° W. Ascend 11 ft. on NW. slope.

78.26 The cor. of secs. 17, 18, 19 and 20.

Land, rolling and mountainous.

Soil, sandy, gravelly and rocky, 2nd, 3rd and 4th rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chaparral, soto, and ocotillo, 3 to 6 ft. high.

Good grass.

N. 0° 3' W., bet. secs. 17 and 18.

Over mountainous land; thru scattering undergrowth. Descend 26 ft. on NW. slope.

1.45 Head of ravine, 8 lks. wide, course N. 70° W. Ascend SW. slope.

5.20 Cliff, 15 ft. high, brs. N. 40° W. and S. 50° E.

7.00 Spur, slopes N. 50° W. Descend 245 ft. on NE. slope.

19.65 Foot of steep descent, brs. S. 20° E. and W.; leave mountainous land, and enter rolling land; continue descent.

25.55 Wash, 15 lks. wide, course N. 60° W.

34.00 Wash, 15 lks. wide, banks, 6 ft. high, course N. 70° W. Ascend 22 ft. on S. slope.

38.50 Low ridge, brs. E. and W. Descend 20 ft. on N. slope.

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,

S 18 | S 17

1916

45.00 Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Foot of ridge, brs. E. and W.

72.90 Wash, 20 lks. wide, banks, 5 ft. high, course N. 70° W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap,

Subdivision of Township 21 South, Range 23 East. 39

Chains.

T21S R23E
S 7 S 8
S18 S17

1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, mountainous and rolling.
Soil, gravelly and rocky, 3rd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chap-
aral, soto and ocotillo, 3 ft. high.
Good grass.

N. 89° 58' E., on a random line, bet. secs. 8 and 17.
40.00 Set temp. 1/4 sec. cor.
80.40 Intersect the cor. of secs. 8, 9, 16 and 17.
Thence,
S. 89° 58' W., on a true line, bet. secs. 8 and 17.
Over rolling land, thru scattering brush undergrowth. As-
cend 15 ft. on NE. slope.
20.40 Spur, slopes N. Descend 15 ft. on W. slope.
40.20 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,

S 8
S 17
1916

Dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.,
and scatter the earth.
62.00 Wash, 20 lks. wide, banks, 10 ft. high, course N. 40° W.
80.40 The cor. of secs. 7, 8, 17 and 18.
Land, rolling.
Soil, sandy and gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chap-
aral, soto and ocotillo, 4 ft. high. Good grass.

N. 89° 57' W., on a random line, bet. secs. 7 and 18.
40.00 Set temp. 1/4 sec. cor.
78.32 Intersect W. bdy. of Tp., 5 lks. N. of the reestablished
cor. of secs. 7 and 18, hereinbefore described.
Thence,
S. 89° 59' E., on a true line, bet. secs. 7 and 18.
Over rolling land, thru scattering undergrowth.
14.50 Road, brs. N. 50° E. and S. 50° W.
25.22 Road, brs. N. 10° E. and S. 10° W. Extends northerly to Tomb-
stone and southerly to Bisbee.
31.40 Right edge of "Government Draw" brs. N. 40° E. and S. 40° W.
Thence across draw, course S. 30° W.
36.10 Wash, 30 lks. wide, course S. 30° W. Continue across draw.
38.32 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,

S 7
S 18
1916

Dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and
scatter the earth.
38.80 Left edge of "Government Draw" brs. N. 30° E. and S. 40° W.
Leave said draw.
62.20 Wash, 10 lks. wide, banks 6 ft. high, course N. 50° W.
78.32 The cor. of secs. 7, 8, 17 and 18.
Land, rolling.
Soil, sandy and gravelly clay loam, about 12 ins. deep, 2nd

10. Subdivision of Township 21 South Range 23 East.

Chains.

and 3rd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chap-
aral, soto and ocotillo, 4 ft. high.
Good grass.

N.0°3'W., bet. secs. 7 and 8.
Over rolling land, thru scattering undergrowth.
8.10 Wash, 50 lks. wide, banks, 12 ft. high, course W. Ascend.
15.00 Low, short gravelly ridge, brs. NW. and SE. Descend gradu-
ally over N. slope.
35.50 Foot of descent at left edge of Government Draw, brs. E.
and W. Thence across said draw, course W. and SW.
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,

S 7 | S 8
1916

Dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.,
and scatter the earth. Continue across "Government
Draw."

42.20 Road, brs. E. and W.
43.20 Right edge of "Government Draw" brs. E. and W.; leave draw.
Ascend gradual S slope.
80.00 Set an iron post; 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 5, 6, 7 and 8, marked on
brass cap,

T21S | R23E
S 6 | S 5
S 7 | S 8
1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling.
Soil, sandy and gravelly, clay loam, about 14 ins. deep, 2nd
and 3rd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood, chap-
aral, soto and ocotillo, 3 to 5 ft. high.
Good grass.

N.89° 58' E., on a random line, bet. secs. 5 and 8.
40.00 Set temp. 1/4 sec. cor.
80.44 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 4, 5,
8 and 9.
Thence,
N.89° 56' W., on a true line, bet. secs. 5 and 8.
Over rolling land, thru scattering undergrowth.
40.22 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,

S 5
S 8
1916

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
56.75 Ravine, 10 lks. wide, 4 ft. deep, course south. Ascend 15
ft. on gradual SE. slope.
72.50 Gravelly spur, slopes N. Descend 5 ft. on SW. slope.
80.44 The cor. of secs. 5, 6, 7 and 8.
Land, rolling valley, drains to the SW.
Soil, gravelly and rocky clay loam, about 10 ins. deep,
3rd rate.
No timber.

Subdivision of Township 21 South, Range 23 East.

Chains.

Undergrowth, scattering scrub mesquite, greasewood, chaparal, soto and ocotillo, 4 to 6 ft. high.
Good grass.

40.00 N. 89° 56' W., on a random line, bet. secs. 6 and 7.
Set temp. $\frac{1}{4}$ sec. cor.

78.22 Intersect the W. bdy. of Tp., 2 lks. N. of the reestablished cor. of secs. 6 and 7, hereinbefore described.
Thence,
S. 89° 57' E., on a true line, bet. secs. 6 and 7.
Over rolling land, thru. scattering undergrowth.

35.72 Road, brs. N. 10° E. and S. 10° W. Extends northerly to Tombstone and southerly to Bisbee.

38.22 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,

S 6
S 7
1916

Dig pits 18x18x12 ins., E. and W. of post, 3 ft. dist., and scatter the earth.

40.10 Wash, 15 lks. wide, 3 ft. deep, course S. 10° W. Ascend 15 ft. over NW. slope.

73.20 Ridge, brs. N. 50° E. and S. 40° W. Descend 15 ft., over SE. slope.

78.22 The cor. of secs. 5, 6, 7 and 8.
Land, rolling.
Soil, sandy and rocky clay loam, about 10 ins. deep, 3rd rate.
No timber.
Undergrowth, scattering scrub mesquite, greasewood and chaparal, 4 to 6 ft. high.
Good grass.

N. 0° 03' W., on true line, bet. secs. 5 and 6.
Over rolling land, thru. scattering undergrowth. Ascend 10 ft. on S. slope.

7.70 Ridge, brs. E. and W. Descend 20 ft. on N. slope.

11.10 Ravine, 10 lks. wide, course N. 60° W. Ascend 5 ft. on SW. slope.

15.00 Low spur, slopes NW. Descend 8 ft.

30.40 Wash, 20 lks. wide, course S. 60° W.

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,

S 6
S 5
1916

Dig pits 18x18x12 ins.; N. and S. of post, 3 ft. dist., and scatter the earth.

80.00 Foot of SW. slope of ridge, brs. E. and W., leave rolling, and enter mountainous land. Ascend 82 ft.

86.80 Ridge, brs. N. 70° W. and S. 70° E. Descend 80 ft. on NE. slope.

92.86 Intersect the 4th. Standard Parallel South 10.78 chs., N. 89° 44' W., of the reestablished standard $\frac{1}{4}$ sec. cor. of sec. 31, T. 20 S., R. 23 E., an iron post, 1 in. in diam., 12 ins. above ground, firmly set, marked on brass cap,

S C
S 31
1913

and witnessed by pits, E. and W., and mound of earth, N. of cor. No bearing trees.

42. Subdivision of Township 21 South, Range 25 East.

Chauns.

At the point of intersection,
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for closing cor. of secs. 5 and 6, marked on
brass cap,

T20S R23E	
S31	
S 6	S 5
T21S	R23E
C	C
1916	

Dig pits 24x18x12 ins. crosswise on each line, E. and W.
3 ft. and S. of post, 7 ft. dist., and scatter the
earth.

Land, rolling and mountainous.

Soil, gravelly, 3rd rate.

No timber.

Undergrowth, scattering scrub mesquite, greasewood, chap-
aral, soto and ocotillo, 3 to 5 ft. high.

Good grass.

GENERAL DESCRIPTION.

This township is situated in the southeastern part of the
State of Arizona, about 5 miles S. from the town of
Tombstone, and 8 miles northwest from the Town of Bis-
bee. About one-third of the total area is mountainous,
and the remainder is rolling, with the exception of
some level land in the more important draws. The soil
ranges from a sandy loam, 2nd rate, to rocky limestone
4th rate, the mountainous surface being gravelly & rocky,
3rd & 4th rate, and the rolling & level surface being a
sandy & gravelly clay loam, 2nd and 3rd rate. There is
no timber, but a scattering undergrowth of scrub mes-
quite, greasewood, chaparal, ocotillo, scrub oak, mountain
mahogany & many other varieties are prevalent in all parts.
The entire township is covered with a good growth of grass,
making excellent grazing for stock.

There is no permanent natural running water in the township,
the water courses being dry washes, ravines and draws,
the most important of which is called "GOVERNMENT

DRAW" course westerly on the north half, and draining
most of the township. A wide draw, un-named, course
westerly, drains most of the south two tiers of sec-
tions. Along these draws, the land would be valuable
for farming with the aid of irrigation, but at the
present time, there is no cultivated land in the town-
ship. The only settler is Leopold Trappman, in the
SW. 1/4 of sec. 1, with improvements consisting of house,
corral, and fences in sec. 1, house and well in sec. 2,
and fences in secs. 2, 3, 4, 9, 10, 11 and 12.

There is no evidence of the existence of valuable mineral
deposits.

Road, Bisbee to Tombstone extends N. and S. thru the west-
ern part.

Several other roads traverse the township.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Sidney E. Blout, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 64, Arizona, bearing date of the 8th day of November, 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 ^{re-} surveyed all those parts or portions of the West boundary, and surveyed all those parts or portions of the Subdivision lines of TOWNSHIP 21 SOUTH, RANGE 23 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 1 hereof} as having been executed by me, and under my direction; and that all the corners of said ^{resurvey and} survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 64, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ^{re-} survey. and survey.

Sidney E. Blout
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, JUN 10, 1919

^{re-}The foregoing field notes of the survey of the West boundary, and survey of the Subdivision lines of TOWNSHIP 21 SOUTH, RANGE 23 EAST

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

executed by Sidney E. Blout, U. S. Surveyor, under his special instructions dated November 8, 1915, for Group 64, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the ^{resurveys and} surveys they describe, are hereby approved.

Frank D. Smith
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.