

3117

257
571
①

Book "D."

4-679

(Subdivisions)

BOOK 3117

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

OF

TOWNSHIP 17 NORTH, RANGE 14 WEST,

3117

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Fred N. Wardwell, U.S. Surveyor.

and

Howard G. Mason, U. S. Transitman,

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

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

Group No. 46, which were approved by the Commissioner of the General Land

Office, January 22, 1915.

Survey commenced March 11, 1915.

Survey completed June 8, 1915.

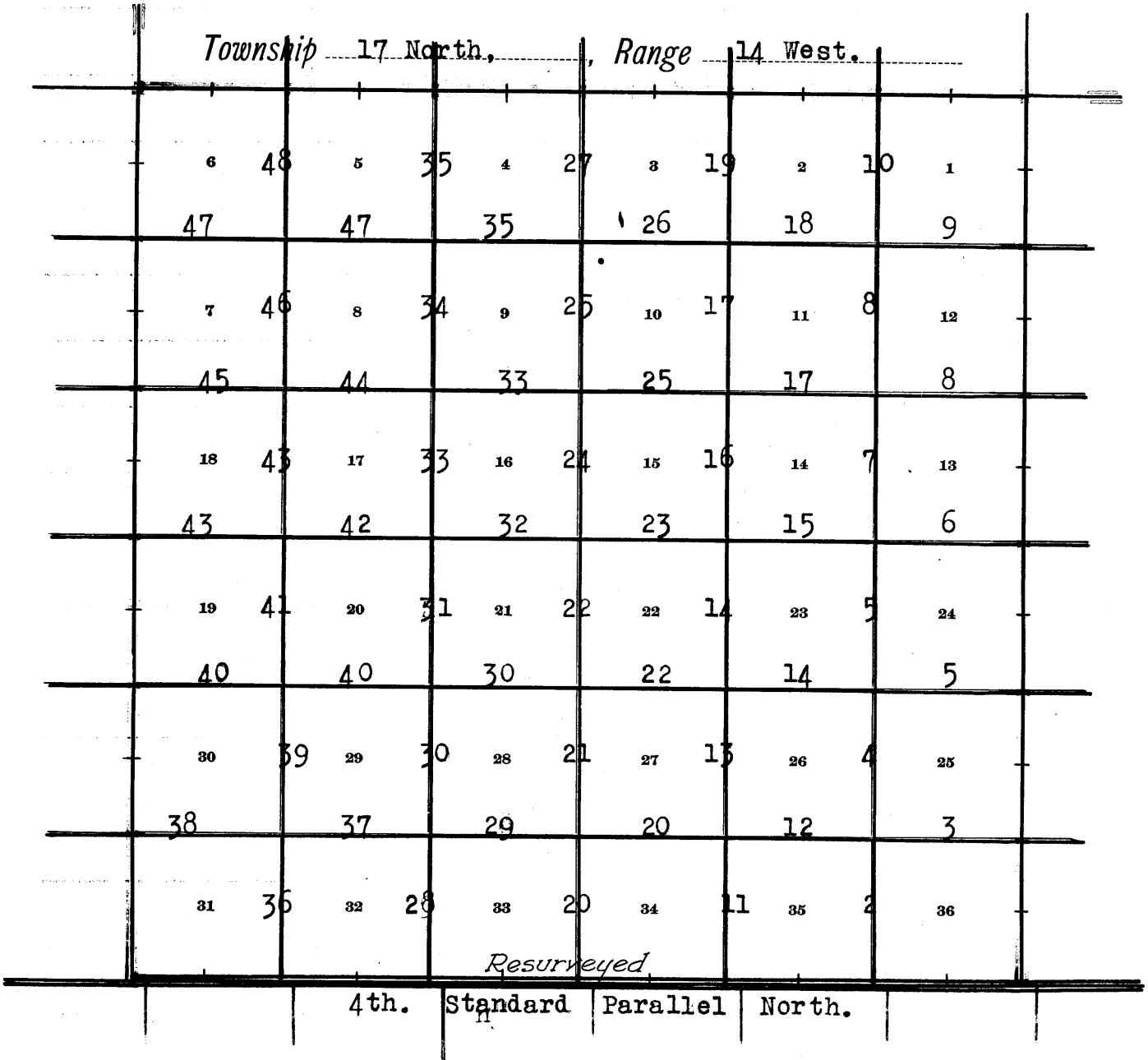
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1A

3117
Book "D"
Group 46 - Arizona.
(Subdivisions).

BOOK 3117

INDEX DIAGRAM.



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Subdivision of T. 17 N., R. 14 W.

DATE DIAGRAM, 1915.

6 <i>June 2</i>	5 <i>June 8</i>	4 <i>June 7</i>	3 <i>June 7</i>	2 <i>June 5</i>	1 <i>June 5</i>
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19 <i>Mar. 27</i>	20 <i>Mar. 25</i>	21 <i>Mar. 17</i>	22 <i>Mar. 16</i>	23 <i>Mar. 16</i>	24 <i>Mar. 16</i>
30 <i>Mar. 29</i>	29 <i>Mar. 24</i>	28 <i>Mar. 15</i>	27 <i>Mar. 13</i>	26 <i>Mar. 12</i>	25 <i>Mar. 11</i>
31 <i>Mar. 24</i>	32 <i>Mar. 15</i>	33 <i>Mar. 13</i>	34 <i>Mar. 12</i>	35 <i>Mar. 11</i>	36

Long. 113° 42' 55" W.

Lines in red surveyed by Fred N. Wardwell, U. S. Surveyor.
Lines in green surveyed by Howard G. Mason, U. S. Transitman.

DIRECT SOLAR OBSERVATIONS.

1915 Date	Place	Set	l.m.t. Time	Limb	Vert. Ang.	Hor. Ang.
Mar. 20	T17N R14W S15 S14 S22 S23	1st. set	a.m.	+	31° 41' 00"	S. from sun
		Direct	8h. 58m		32° 30' 00"	24° 48'
		Reverse	9h. 02m	-	32° 05' 30"	25° 22'
		Mean	9h. 00m		1 30	25 05
					32° 04'	
		Lat. 34° 50' 42" N.				
		Alt. 32° 04' 00" Azimuth of sun to S. point 63° 29'				
		Decl. 0° 23' 56" S. 25° 05'				
		Reference point bears S. 38° 24' E.				
		2nd. set	a.m.	+	33° 15' 00"	S. from sun.
		Direct	9h. 04m.		32° 09' 00"	25° 06' 00"
		Reverse	9h. 08m.	-	32° 42' 00"	23° 47' 00"
		Mean	9h. 06m.		1' 30"	24° 26' 30"
					32° 40' 30"	
		Lat. 34° 50' 42" N.				
		Alt. 32° 40' 30" Azimuth of sun to S. point 52° 50'				
		Decl. 0° 23' 56" S. 24° 26' 30"				
		Reference point bears S. 38° 24' 30" E.				

DIRECT SOLAR OBSERVATIONS, Continued.						
1915 Date	Place	Set.	l.m.t. Time	Limb	Vert. Ang.	Hor. Ang.
Mar. 24	T17N R14W S C S31 S32	Direct	9h.28m	+	40° 48' 00"	N. from sun
		Reverse	9h.32m	-	41° 30' 00"	3° 20'
		Mean	9h.30m		41° 09' 00"	4° 24'
					1' 00"	3° 52'
					41° 08'	
						Lat. 34° 48' 06" N.
						Alt. 41° 08'
						Decl. 1° 11' 17" N.
						Azimuth of sun to S. point 54° 09'
						3° 52'
						Reference point bears S. 58° 51' E.
Mar. 26	T17N R14W S20 S21 S29 S28	Direct	a.m. 9h.18m.	+	29° 28'	N. from sun
		Reverse	9h.22m.	-	29° 25'	30° 00'
		Mean	9h.20m		29° 26' 30"	29° 32'
					1' 44"	29° 46'
					29° 24' 46"	
						Lat. 34° 49' 50" N.
						Alt. 29° 24' 46"
						Decl. 1° 57' 19" N.
						Azimuth of sun to S. point 69° 50'
						29° 46'
						99° 36'
						Reference point bears N. 80° 24' E.

Chains

Survey executed by Fred N. Wardwell, U. S. Surveyor and Howard G. Mason, U. S. Transitman, under assignment instructions for Group No. 46, dated Jan. 28, 1915.

The instruments used are Young & Sons transits, Nos. 8514 and 8389 respectively, provided with solar attachments.

In the subdivision of this township all lines are transit lines and their courses are determined from angles deflected from the Fourth Standard Parallel N., and from meridians determined by direct solar observations.

From reestablished Std. cor. of secs. 35 and 36, on the S. bdy. of the twp, (4th. Std. Par. N.) described in Book "A," N. 0° 7' W. bet. secs. 35 and 36.

Over rolling mountainous land.

Sand wash at cor., course S.

5.70 Leave sand wash, course S. 10° E., asc.

27.50 Top of ridge, bears N. 65° W. and S. 65° E., 305 ft. above wash, desc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

Chains

1/4 S 35 | S 36

1915

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

49.80 Ravine, course N. 15° W., 363 ft. below top of ridge,
continue to desc.

64.60 Dry wash, 50 lks. wide, course NE., 130 ft. below ravine,
asc.

71.40 Top of spur, slopes NE., 152 ft. above wash, desc.

80.00 140 ft. below top of spur, set an iron post, 3 ft. long,
2 ins. in diam., 24 ins. in the ground for cor. of secs.
25, 26, 35 and 36, with a brass cap, marked

T 17 N R 14 W
S 26 S 25
S 35 S 36
1915

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

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, palo verde, cedar and cacti.

East on a random line bet. secs. 25 and 36.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect reestab. cor. of secs. 25, 30, 31 and 36, on the E.
bdy. of the township, described in Book "B,".

West on a true line bet. secs. 25 and 36.

Asc. slightly over rolling land.

16.00 Crow Canyon wash, 2 ft. deep, 55 lks. wide, course S. 50°
E., dense undergrowth along canyon.

24.00 Leave dense undergrowth, bears NW. and SE.

40.01 150 ft above sec. cor., set an iron post, 3 ft. long, 1
in. in diam., 24 ins. in the ground for 1/4 sec. cor.,
with a brass cap, marked

1/4 S 25
S 36

1915

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

40.20 Road, bears N. 75° W. and S. 75° E.

72.00 Deluge creek, 6 ins. deep, 25 lks. wide, course S. 75° E.,
70 ft. below $\frac{1}{4}$ sec. cor., asc.

80.02 Cor. of secs. 25, 26, 35 and 36, 70 ft. above creek.
Land, rolling.
Soil, sandy and gravelly, 3rd. rate.
Undergrowth, palo verde, cat claw, mesquite and squaw
willow.

N. 0° 7' W. bet. secs. 25 and 26.

Desc. over rolling mountainous land.

5.00 Deluge creek, 25 lks. wide, course S. 75° E., 60 ft.
below sec. cor., asc.

8.65 Road, bears E. and W.

32.00 Ravine, course S. 20° W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in
the ground for $\frac{1}{4}$ sec. cor., with a brass cap, marked

1/4 S 26		S 25
1915		

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

42.60 Top of ridge, bears N. 80° W. and S. 80° E., 475 ft.
above Deluge creek, desc.

65.00 Crow canyon, 1 ch. wide, 2 ft. deep, course 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. 23, 24, 25 and 26,
with a brass cap, marked

T 17 N R 14 W	
S 23	S 24

S 26	S 25
1915	

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

Land, rolling mountainous.

Soil, decomposed granite and sandy, 3rd. rate.

Chains Undergrowth, cedar, cat claw and palo verde.

East on a random line bet. secs. 24 and 25.

40.00 Set temp. 1/4 sec. cor.

80.32 Intersect the E. bdy. of the twp. 34 lks.S.of reestab.cor.
of secs. 19, 24, 25 and 30,described in Book "B."
S. 89° 45' W. on a true line bet. secs. 24 and 25.
Asc. over rolling mountainous land.

5.18 Top of ridge, bears NW. and SE., 90 ft. above sec. cor.,
desc.

40.16 140 ft. below top of ridge, set an iron post, 3 ft. long,
1 in. in diam., 12 ins. in the ground to solid rock,
in a mound of stone, for 1/4 sec. cor., with a brass cap
marked

$$\frac{1/4 \text{ S } 24}{\text{S } 25}$$

1915

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

73.44 Dry wash, 50 lks. wide, course SE., 280 ft. below 1/4
sec. cor., asc.

80.32 Cor. of secs. 23, 24, 25 and 26, 63 ft. above wash.
Land, rolling mountainous.
Soil, stony and sandy, 3rd. rate.
Undergrowth, palo verde, palo Christie, sage brush and
cacti.

N. 0° 7' W. bet. secs. 23 and 24.
Asc. over rolling land.

19.12 Wire fence, bears N. 80° W. and S. 80° E.

38.02 Wash, 1 ch. wide, course SW.

40.00 118 ft. above sec. cor., set an iron post, 3 ft. long, 1
in. in diam., 24 ins. in the ground for 1/4 sec. cor.,
with a brass cap, marked

$$\frac{1/4 \text{ S } 23 \quad | \quad \text{S } 24}{1915}$$

- Chains and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. continue to asc.
- 42.87 Shaft, bears W., 4.00 chs. dist. property of James Fowler and Geo. Miller.
- 59.65 Top of ridge, bears NW. and SE., 215 ft. above $1/4$ sec. cor., desc.
- 70.00 Foot of 30 ft. descent, asc.
- 77.98 Top of 100 ft. ascent, ridge, bears NE. and SW., desc.
- 80.00 26 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to solid rock, in a mound of stone, for cor. of secs. 13, 14, 23 and 24, with a brass cap, marked

T 17 N R 14 W
S 14 S 13

S 23 S 24
1915

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

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, palo verde, palo christe, ocotillo, sage brush and Spanish dagger.

- N. $89^{\circ} 45'$ E. on a random line bet. secs. 13 and 24.
- 40.00 Set temp. $1/4$ sec. cor.
- 80.12 Intersect \wedge reestab. cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the twp., described in Book "B."
- S. $89^{\circ} 45'$ W. on a true line bet. secs. 13 and 24.
- Desc. over rolling land.
- 20.12 Wire fence, bears NW. and SE., 78 ft. below sec. cor., thence over slightly rolling land.
- 40.06 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, in a mound of stone, for $1/4$ sec. cor., with a brass cap, marked

$1/4$ S 13

S 24
1915

Subdivision of T. 17 N., R. 14 W.

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

50.77 Dry wash, 5 lks. wide, course SW., asc.

52.30 Top of spur, slopes SW., 75 ft. above wash, desc.

57.65 Wash, 25 lks. wide, course S. 26 ft. below top of spur.

67.58 Wash, 5 lks. wide, course S. 20° E., asc.

79.30 Top of ridge, bears NE. and SW., 46 ft. above wash, desc.

80.12 Cor. of secs. 13, 14, 23 and 24, 49 ft. below top of ridge.

Land, rolling.

Soil, stony and sandy, 3rd. rate.

Undergrowth, palo verde, Spanish dagger, cacti and sage brush.

N. 0° 7' W. bet. secs. 13 and 14.

Desc. over rolling land.

8.80 Dry wash, 10 lks. wide, course SW., 120 ft. below sec. cor., asc.

19.38 Wire fence, bears E. and W.

40.00 130 ft. above wash, set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 14 | S 13
1915

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

63.50 Top of divide, bears NW. and SE., 130 ft. above 1/4 sec. cor., desc.

69.00 Foot of 40 ft. descent, asc.

80.00 46 ft. ascent, set an iron post, 3 ft. long, 2 ins. in diam., 10 ins. in the ground to solid rock, in a mound of stone, for cor. of secs. 11, 12, 13 and 14, with a brass cap, marked

T 17 N R 14 W
S 11 | S 12
S 14 | S 13
1915

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

Chains	Land, rolling. Soil, sandy, gravelly and stony, 3rd. rate. Undergrowth, cat claw, white sage and cacti.

	N. 89° 45' E. on a random line bet. secs. 12 and 13.
40.00	Set temp. 1/4 sec. cor.
80.20	Intersect the E. bdy. of the twp. 12 lks. S. of reestab. cor. of secs. 7, 12, 13 and 18, described in Book "B."
	S. 89° 40' W. on a true line bet. secs. 12 and 13.
	Asc. over rolling land.
40.10	185 ft. above sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to solid rock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked
	$\frac{1/4 \text{ S. } 12}{\text{S } 13}$
	1915
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., Ascend. over rolling land.
53.07	Top of low spur, slopes E.
67.00	Draw, course S. 75° E.
75.20	Top of low spur, slopes S. 75° E.
80.20	Cor. of secs. 11, 12, 13 and 14.
	Land, rolling. Soil, sandy and gravelly, 2nd. rate. Undergrowth, low sage brush, cacti and cat claw.

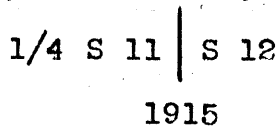
	N. 0° 7' W. bet. secs. 11 and 12.
	Asc. over rolling mountainous land.
3.34	Top of ridge, bears N. 60° W. and S. 60° E., 43 ft. above sec. cor., desc.
5.63	Draw, course S. 60° E., 14 ft. below top of ridge, asc.
10.12	Top of ridge, bears N. 60° W. and S. 70° E., 30 ft. above draw, desc.
27.16	Dry wash, 10 lks. wide, course N. 80° E., 100 ft. below top of ridge, asc.
30.90	Top of spur, slopes S. 60° E., 70 ft. above wash, desc.

Subdivision of T. 17 N., R. 14 W.

Chains

34.66 Dry wash, 10 lks. wide, course SE., 42 ft. below top of spur, asc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



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

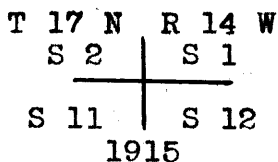
41.38 Top of ridge, bears E. and W., 116 ft. above wash, desc.

54.30 Dry wash, 50 lks. wide, course NE., 284 ft. below top of ridge, asc.

60.75 Top of spur, slopes E., 110 ft. above wash, desc.

71.04 Dry wash, 30 lks. wide, course SE., 66 ft. below top of spur, asc.

80.00 135 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., 16 ins. in the ground to solid rock, in a mound of stone, for cor. of secs. 1, 2, 11 and 12, with a brass cap, marked



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

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, palo christe, cat claw, buck brush and rabbit brush, some scattering grass.

N. 89° 40' E. on a random line bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect the E. bdy. of the twp. 12 lks N. of reestab. cor. of secs. 1, 6, 7 and 12, described in Book "B."

S. 89° 45' W. on a true line bet. secs. 1 and 12.

Over rolling mountainous land.

1.14 Dry wash, 20 lks. wide, course SE., asc.

Chains	
32.20	Top of spur, slopes S. about 10 chs., 225 ft. above wash, desc.
39.06	Dry wash, 10 lks. wide, course SE., 75 ft. below top of spur, asc.
40.07	Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked $\frac{1/4 \text{ S } 1}{\text{S } 12}$ 1915 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
66.28	Top of spur, slopes S. 85° E., 240 ft. above wash, desc.
80.14	Cor. of secs. 1, 2, 11 and 12, 97 ft. below top of spur. Land, rolling mountainous. Soil, stony and gravelly, 3rd. rate. Undergrowth, palo christe, cat claw, cacti and rabbit brush, some scattering grass.
	N. 0° 7' W. on a random line bet. secs. 1 and 2.
40.00	Set temp. 1/4 sec. cor.
77.99	Intersect the N. bdy. of the twp. 7 lks. E. of reestab. cor. of secs. 1, 2, 35 and 36, described in Book "B." S. 0° 10' E. on a true line bet. secs. 1 and 2. Desc. over rolling mountainous land.
1.43	Dry wash, 60 lks. wide, course N. 60° E., 40 ft. below sec. cor., asc.
13.08	Top of ridge, bears E. and W., 280 ft. above wash, desc.
20.29	Dry wash, 20 lks. wide, course E., 155 ft. below top of ridge, asc.
21.85	Top of spur, slopes E. about 5 chs., 26 ft. above wash, desc.
24.00	Dry wash, 15 lks. wide, course NE., 25 ft. below top of spur, asc.
33.22	Top of ridge, bears N. 70° E. and S. 70° W., 258 ft. above wash, desc.

Chains

37.99 32 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

1/4 S 2 | S 1
1915

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

Draw, course NE., asc.

44.20 Top of ridge, bears E. and W., 65 ft. above 1/4 sec. cor., desc.

62.53 Dry wash, 20 lks. wide, course E., 100 ft. below top of ridge, asc.

72.40 Top of ridge, bears E. and W., 144 ft. above wash, desc.

77.99 Cor. of secs. 1, 2, 11 and 12, 125 ft. below top of ridge.
Land, rolling mountainous.
Soil, stony, 3rd. rate.
Undergrowth, palo christe, buck brush, cat claw and rabbit brush, some grass.

From reestab. Std. cor. of secs. 34 and 35 on S. bdy. of Tp.,

(4th Std. Par. N.) described in Book, "A."

N. 0° 7' W. bet. secs. 34 and 35.

Over rolling stony land.

1.70 Ravine, course S. 70° E.

12.10 Boulder, 10 ft. high, on line.

23.70 Dry wash, course S. 65° E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 34 | S 35
1915

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

41.90 Top of ridge, bears N. 85° E. and SW., 347 ft. above St. sec. cor., desc.

68.60 Ravine, course N. 15° E., 747 ft. below top of ridge, continue to desc.

Chains

80.00 130 ft. below ravine, 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, with a brass cap, marked

T 17 N	R 14 W
S 27	S 26
S 34	S 35
1915	

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. A granite boulder 7 X 5 X 3 ft. on E. side of cor.

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, palo christe, palo verde, scrub oak and cat claw.

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

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

80.04 Intersect N. and S. line 2 lks. N. of the cor. of secs. 25, 26, 35 and 36.

N. $89^{\circ} 59'$ W. on a true line bet. secs. 26 and 35.

Asc. over rolling land.

19.24 Top of spur, slopes N. 15° E., 209 ft. above sec. cor., desc.

24.00 Foot of 34 ft. descent, asc.

40.02 200 ft. ascent, set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for $\frac{1}{4}$ sec. cor., with a brass cap, marked

$\frac{1}{4}$ S 26
S 35

1915

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

62.60 Top of spur, slopes N., 194 ft. above $\frac{1}{4}$ sec. cor., desc.

76.00 Ravine, course N. 15° E., 115 ft. below top of spur, asc.

80.04 Cor. of secs. 26, 27, 34 and 35, 64 ft. above ravine.

Land, rolling mountainous.

Chains Soil, decomposed granite and sandy, 3rd. rate.
 Undergrowth, scrub oak, cedar, palo christe, and cacti.

N. 0° 7' W. bet. secs. 26 and 27.

Desc. over rolling mountainous land.

17.20 Cook house of the Arizona Venture Mining Co., bears E.
 1 ch. dist.

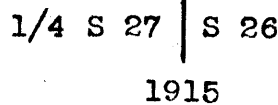
21.00 Road, bears N. 75° W. and S. 75° E.

22.10 Deluge wash, 25 lks. wide, course S. 75° E., 167 ft.
 below sec. cor., asc.

27.86 Shaft, bears S. 77° 41' E., 4.53 chs. dist., engine room
 and blacksmith shop beside shaft.

28.50 Road to Waldron mine, bears E. and W.

40.00 200 ft. above Deluge wash, set an iron post, 3 ft. long,
 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor.,
 with a brass cap, marked



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

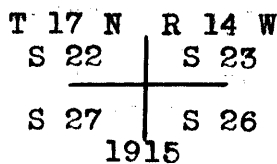
48.16 Waldron peak, bears N. 57° 30' W.

54.00 Enter big granite boulders, bear SE. and S. 35° W.

55.00 Small creek, 1 lk. wide, course SE., 196 ft. above 1/4
 sec. cor., continue to asc.

65.80 Asc. along NW. slope in granite boulders.

80.00 57 ft. above creek, set an iron post, 3 ft. long, 2 ins.
 in diam., on surface rock, in a mound of stone, for
 cor. of secs. 22, 23, 26 and 27, with a brass cap,
 marked



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

Land, rough and rolling mountainous.

Soil, decomposed granite, 3rd. rate.

Chains	
	Undergrowth, dense palo verde, scrub oak and ocotillo.

	S. 89° 59' E. on a random line bet. secs. 23 and 26.
40.00	Set temp. 1/4 sec. cor.
79.80	Intersect N. and S. line 22 lks. S. of the cor. of secs. 23, 24, 25 and 26.
	S. 89° 52' W. on a true line bet. secs. 23 and 26.
	Desc. over rolling land.
16.20	Crow canyon wash, 1 ch. wide, 2 ft. deep, course S. 75° E., 70 ft. below sec. cor., asc.
39.90	270 ft. above wash, set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
	$\frac{1/4 \text{ S } 23}{\text{S } 26}$
	1915
	and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., continue to asc. over exceptional rough land.
75.97	Cliffs, 60 ft. high, bear N. and S.
77.00	Top of ridge, bears N. 65° W. and S. 65° E., 490 ft. above 1/4 sec. cor.
79.80	Cor. of secs. 22, 23, 26 and 27.
	Land, rolling and rough mountainous.
	Soil, stony, 3rd. rate.
	Undergrowth, scattering palo verde and white sage.

	N. 0° 7' W. bet. secs. 22 and 23.
	Asc. over rough mountainous land.
0.77	Top of ridge, bears E. and W., 14 ft. above sec. cor., desc.
23.44	Rocky draw with trace of water, course E., 260 ft. below top of ridge, asc.
26.90	Top of 120 ft. ascent, desc.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

Chains

1/4 S 22 | S 23

1915

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

55.65 Creek, 1 lk. wide, course E., 400 ft. descent, thence over
slightly rolling land.

67.17 Creek, 2 lks. wide, 2 ins. deep, course E.

75.57 Crow canyon wash, 50 lks. wide, course SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in
the ground to solid rock, in a mound of stone, for cor.
of secs. 14, 15, 22 and 23, with a brass cap, marked

T 17 N	R 14 W
S 15	S 14
S 22	S 23
1915	

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

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, palo verde, palo christe and white sage.

N. 89° 52' E. on a random line bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line 5 lks. N. of the cor. of secs.
13, 14, 23 and 24.

S. 89° 54' W. on a true line bet. secs. 14 and 23.

Desc. over rolling land.

11.30 Dry wash, 20 lks. wide, course S. 20° W., 162 ft. below
sec. cor.

34.12 Wire fence, bears NE. and SW.

36.64 Creek, 1 lk. wide, course SW.

39.34 Creek, 1 lk. wide, course S.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface
rock, in a mound of stone, for 1/4 sec. cor., with a
brass cap, marked

1/4 S 14
S 23
1915

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

51.88 Creek, 1 lk. wide, course S.

67.00 Top of low spur, slopes S.

70.00 Dry wash, course SW.

80.00 Cor. of secs. 14, 15, 22 and 23.

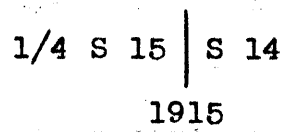
Land, rolling.

Undergrowth, scattering palo christe, cat claw and white sage

N. 0° 7' W. bet. secs. 14 and 15.

Asc. over rolling mountainous land.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

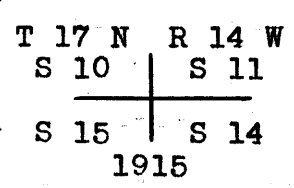


and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor., continue to asc.

72.95 Top of spur, slopes W., 296 ft. above sec. cor., desc.

78.57 Dry wash, 20 lks. wide, course S. 80° W., 96 ft. below top of spur.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 10, 11, 14 and 15, with a brass cap, marked



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

Land, rolling mountainous.

Soil, stony, sandy and gravelly, 3rd. rate.

Undergrowth, low scattering scrub oak, cat claw, sage, ocotillo and Spanish dagger.

Subdivision of T. 17 N., R. 14 W.

Chains N. 89° 54' E. on a random line bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect N. and S. line 14 lks. S. of the cor. of secs. 11, 12, 13 and 14.

S. 89° 48' W. on a true line bet. secs. 11 and 14.

Asc. over rolling land.

28.12 Top of divide bet. Big Sandy wash and Crow canyon, bears NW. and SE., 52 ft. above sec. cor., desc.

39.95 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 11
S 14

1915

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

76.40 Dry wash, 20 lks. wide, course SW., 240 ft. below divide.

79.90 Cor. of secs. 10, 11, 14 and 15.

Land, rolling.

Soil, stony, and sandy, 2nd. rate.

Undergrowth, low scattering scrub oak, cat claw, palo christe, ocotillo, Spanish dagger and white sage.

N. 0° 7' W. bet. secs. 10 and 11.

Over rolling mountainous land.

2.90 Dry wash, 10 lks. wide, course SW., asc.

10.06 Top of spur, slopes SW., 80 ft. above wash, desc. slightly.

25.00 Begin to asc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 10 | S 11

1915

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

57.23 Top of ridge, bears N. 60° W. and S. 60° E., 335 ft. ascent. desc.

65.00 Dry wash, 15 lks. wide, course S. 60° E., 125 ft. below top of ridge, asc.

Chains

71.25 Top of spur, slopes S. 60° E. about 30 chs., 125 ft. above wash, desc.

78.54 Dry wash, course SE., 86 ft. below top of spur, asc.

80.00 35 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 2, 3, 10 and 11, with a brass cap, marked

T 17 N	R 14 W
S 3	S 2

S 10	S 11
1915	

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

Land, rolling.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, scrub oak, ocotillo, cat claw and Spanish dagger, some little grass.

N. 89° 48' E. on a random line bet. secs. 2 and 11.

40.00 Set temp. 1/4 sec. cor.

79.88 Intersect N. and S. line 7 lks. S. of the cor. of secs. 1, 2, 11 and 12.

S. 89° 45' W. on a true line bet. secs. 2 and 11.

Asc. over rolling mountainous land.

16.70 Top of spur, slopes SE. about 10 chs., 125 ft. above sec. cor., desc.

31.13 Dry wash, 20 lks. wide, course SE., 125 ft. below top of spur., asc.

39.94 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked

1/4 S 2

S 11

1915

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

47.90 Top of ridge, bears NW. and SE., 200 ft. above wash, desc.

59.70 Draw, course SE., 44 ft. below top of ridge, asc.

Subdivision of T. 17 N., R. 14 W.

Chains

- 67.40 Top of ridge, bears NW. and SE., 75 ft. above draw, desc.
- 79.88 Cor. of secs. 2, 3, 10 and 11, 115 ft. below top of ridge.
Land, rolling mountainous.
Soil, stony and gravelly, 3rd. rate.
Undergrowth, buck brush, scrub oak and cat claw, some scattering grass.

- N. 0° 7' W. on a random line bet. secs. 2 and 3.
- 40.00 Set temp. 1/4 sec. cor.
- 78.56 Intersect the N. bdy. of the twp. 12 lks. E. of reestab. cor. of secs. 2, 3, 34 and 35, described in Book "B."
S. 0° 12' E. on a true line bet. secs. 2 and 3.
Desc. over rolling mountainous land.
- 4.72 Dry wash, 30 lks. wide, course NE., 52 ft. below sec. cor., asc.
- 17.75 Top of ridge, bears N. 70° E. and SW., 320 ft. above dry wash, desc.
- 28.57 Draw, course N. 60° E., 70 ft. below top of ridge, asc.
- 34.00 Top of ridge, bears N. 85° E. and S. 85° W., 190 ft. above draw, desc.
- 38.56 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
$$\begin{array}{c} 1/4 \text{ S } 3 \text{ | } \text{S } 2 \\ 1915 \end{array}$$
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 44.18 Dry wash, 40 lks. wide, course E., 220 ft. below top of ridge, asc.
- 52.37 Top of ridge, bears E. and S. 80° W., 213 ft. above dry wash, desc.
- 58.57 Draw, course S. 80° E., 100 ft. below top of ridge, asc.
- 66.70 Top of ridge, bears N. 60° W. and S. 60° E., 100 ft. above draw, desc.
- 78.56 Cor. of secs. 2, 3, 10 and 11, 190 ft. below top of ridge.

Chains Land, rolling and rough mountainous.
Soil, stony and gravelly, 3rd. rate.
Undergrowth, palo christe, cat claw and scrub oak.

From reestablished Std. cor. of secs. 33 and 34, on S. bdy. of
Tp. (4th. Std. Par. N.) described in Book "A," and run
N. 0° 8' W. bet. secs. 33 and 34.

Asc. over rolling mountainous land.

13.40 Top of ridge, bears N. 75° E. and S. 75° W., 117 ft.
above sec. cor., desc.

32.70 Ravine, course N. 15° W., 393 ft. below top of ridge, desc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 14 ins. in
the ground to bed rock, in a mound of stone, for 1/4
sec. cor., with a brass cap, marked

1/4 S 33		S 34
1915		

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor., 67 ft. below ravine, desc.

49.70 Spur, bears N. 5° W.

56.40 Same spur, slope changes to NE., continue to desc.

66.30 Creek, 2 lks. wide, course NE., 470 ft. below 1/4 sec.
cor.

80.00 34 ft. below creek, 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, with a brass cap, marked

T 17 N		R 14 W
S 28		S 27

S 33		S 34
1915		

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

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, palo verde, sage brush and cacti.

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

40.00 Set temp. 1/4 sec. cor.

Chains

80.12 Intersect N. and S. line 9 lks. N. of the cor. of secs.
 26, 27, 34 and 35.
 N. 89° 56' W. on a true line bet. secs. 27 and 34.
 Asc. gradual slope, over slightly rolling land.

40.06 130 ft. above sec. cor., set an iron post, 3 ft. long, 1
 in. in diam., 24 ins. in the ground for 1/4 sec. cor.,
 with a brass cap, marked

$$\frac{1/4 \text{ S } 27}{\text{S } 34}$$

1915

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

49.52 Top of spur, slopes NE., 78 ft. above 1/4 sec. cor., desc.

69.22 Creek, 2 lks. wide, course NE., 73 ft. below top of spur.

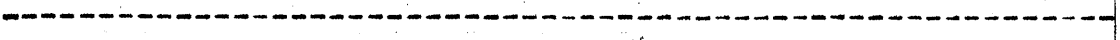
77.92 Same creek, course S. 15° E., asc.

80.12 Cor. of secs. 27, 28, 33 and 34, 43 ft. above creek.

Land, rolling and nearly level.

Soil, stony and sandy, 2nd. rate.

Undergrowth, cat claw, palo verde, laurel and scrub oak.



N. 0° 8' W. bet. secs. 27 and 28.

Desc. over rolling mountainous land.

30.70 Deluge wash, 20 lks. wide, course N. 75° E., 240 ft. below
 sec. cor., asc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface
 rock, in a mound of stone, for 1/4 sec. cor., with a
 brass cap, marked

$$\frac{1/4 \text{ S } 28}{\text{S } 27}$$

1915

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

80.00 1340 ft. above Deluge wash, set an iron post, 3 ft. long,
 2 ins. in diam., on surface rock, in a mound of stone,
 for cor. of secs. 21, 22, 27 and 28, with a brass cap,
 marked

Chains

T 17 N		R 14 W
S 21		S 22
S 28		S 27
1915		

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

Land, rolling and rough mountainous.

Soil, decomposed granite and many large granite boulders,
3rd. rate.

Undergrowth, scrub oak, greasewood, palo christe, cat
claw and scattering giant cacti.

S. $89^{\circ} 56'$ E. on a random line bet. secs. 22 and 27.

40.00 Set temp. $1/4$ sec. cor.

79.92 Intersect N. and S. line 10 lks. S. of the cor. of secs.
22, 23, 26 and 27.

West on a true line bet. secs. 22 and 27.

Asc. over broken rough and rolling mountainous land.

36.50 Top of spur, slopes S. 25° E., 400 ft. above sec. cor,
desc. slightly.

39.96 Set an iron post, 3 ft. long, 1 in. in diam., on surface
rock, in a mound of stone, for $1/4$ sec. cor., with a
brass cap, marked

$1/4$ S 22
S 27

1915

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

52.00 Top of spur, slopes S., 100 ft. above $1/4$ sec. cor., desc.

56.60 Ravine, course S., 230 ft. below top of spur, asc.

79.92 Cor. of secs. 21, 22, 27 and 28, 534 ft. above ravine.

Land, rolling and rough mountainous.

Soil, decomposed granite and stony, 3rd. rate.

No undergrowth.

N. $0^{\circ} 8'$ W. bet. secs. 21 and 22.

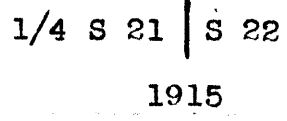
Asc. over rolling mountainous land.

Subdivision of T. 17 N., R. 14 W.

Chains

15.10 Top of ridge, bears E. and W., 280 ft. above sec. cor., desc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

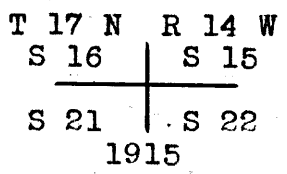


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., continue to desc.

55.09 Creek, 3 lks. wide, 2 ins. deep, course NE., 844 ft. below top of ridge, asc.

69.30 Top of spur, slopes S. 70° E., 300 ft. above creek, desc. slightly.

80.00 15 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 15, 16, 21 and 22, with a brass cap, marked



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

Land, rough and rolling mountainous.

Soil, stony, 4th. rate.

Undergrowth, scrub oak, cat claw, laurel and cacti, a few scrub pinon pine on top of ridge.

East on a random line bet. secs. 15 and 22.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line 10 lks. N. of the cor. of secs. 14, 15, 22 and 23.

N. 89° 56' W. on a true line bet. secs. 15 and 22.

Desc. over rolling land.

4.00 Crow canyon, 1 ch. wide, dry wash in bottom, course SE., 45 ft. below sec. cor., asc.

Chains

40.03 516 ft. above Crow canyon, set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 15}{\text{S } 22}$$

1915

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

57.36 Top of 322 ft. ascent, thence slightly rolling.

80.06 Cor. of secs. 15, 16, 21 and 22.

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, palo christe, white sage, cacti, laurel and cat claw.

N. 0° 8' W. bet. secs. 15 and 16.

Asc. over rolling mountainous land.

6.62 Top of ridge, bears E. and W., 65 ft. above sec. cor., desc.

33.20 Rocky draw, course NE., 580 ft. below top of ridge, ascend.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 16 \quad | \quad \text{S } 15}{\text{S } 15}$$

1915

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

W. of cor. Cor. is on spur, slopes NE., 25 ft. above draw; ascend.

65.22 Crow canyon wash, 1.50 chs. wide, course E., 160 ft. below 1/4 sec. cor.

80.00 190 ft. above wash, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 9, 10, 15 and 16, with a brass cap, marked

$$\frac{\text{T } 17 \text{ N } \quad \text{R } 14 \text{ W}}{\text{S } 9 \quad | \quad \text{S } 10}$$

$$\frac{\text{S } 16 \quad | \quad \text{S } 15}{\text{S } 15}$$

1915

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

descend

Chains

W. of cor.

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, buck brush, laurel, cat claw and some scattering grass.

S. 89° 56' E. on a random line bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.

79.88 Intersect N. and S. line 10 lks. S. of the cor. of secs. 10, 11, 14 and 15.

West on a true line bet. secs. 10 and 15.

Over rolling mountainous land.

1.03 Dry wash, 10 lks. wide, course SW.

10.33 Dry wash, 1 ch. wide, course S. 20° W., asc.

31.20 Top of spur, slopes S., 200 ft. above wash, desc.

39.94 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 10}{\text{S } 15}$$

1915

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

51.24 Dry wash, 60 lks. wide, course S., 225 ft. below top of spur, asc.

79.88 Cor. of secs. 9, 10, 15 and 16, 218 ft. above wash, Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, cacti, ocotillo, cat claw, Spanish dagger and rabbit brush.

N. 0° 8' W. bet. secs. 9 and 10.

Asc. over rolling mountainous land.

16.02 Top of spur, slopes E., 205 ft. above sec. cor., desc.

19.61 Draw, course NE., 100 ft. below top of spur.

28.03 Draw, course E., asc.

Chains

- 33.00 Top of spur, slopes E., 40 ft. above draw, desc.
- 35.14 Dry wash, course E., 50 ft. below top of spur, asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked
- | | | |
|---------|--|------|
| 1/4 S 9 | | S 10 |
| 1915 | | |
- and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- 55.23 Top of spur, slopes S. 60° E., 245 ft. above wash, desc. slightly.
- 60.00 Asc.
- 63.00 Top of spur, slopes E., descend slightly.
- 65.00 Asc.
- 72.87 Top of ridge, bears E. and W., desc. slightly.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 3, 4, 9 and 10, with a brass cap, marked
- | | | |
|--------|--|--------|
| T 17 N | | R 14 W |
| S 4 | | S 3 |
| ----- | | |
| S 9 | | S 10 |
| 1915 | | |
- and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- Land, rolling mountainous.
- Soil, stony and gravelly, 3rd. rate.
- Undergrowth, scrub oak.
-
- East on a random line bet. secs. 3 and 10.
- 40.00 Set temp. 1/4 sec. cor.
- 80.00 Intersect N. and S. line 12 lks. S. of the cor. of secs. 2, 3, 10 and 11.
- S. 89° 55' W. on a true line bet. secs. 3 and 10.
- Over rolling mountainous land.
- 3.80 Dry wash, 15 lks. wide, course S. 70° E., asc.
- 16.90 Top of ridge, bears N. 60° W. and S. 60° E., 140 ft. above wash, desc.

Subdivision of T. 17 N., R. 14 W.

BOOK 3117
27

Chains

- 30.00 Draw, course S. 60° E., 7 ft. below top of ridge, asc.
- 34.65 Top of ridge, bears NW. and S. 60° E., 50 ft. above draw, desc.
- 40.00 70 ft. below top of ridge, set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 3}{\text{S } 10}$$

1915

- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
- 46.89 Dry wash, 20 lks. wide, course SE., 82 ft. below 1/4 sec. cor., asc.
- 60.30 Top of spur, slopes S. 60° E., 150 ft. above wash, desc.
- 70.20 Foot of 80 ft. descent, asc.
- 80.00 58 ft. ascent, cor. of secs. 3, 4, 9 and 10.
Land, rolling mountainous.
Soil, stony, 3rd. rate.
Undergrowth, palo christe, buck brush, scrub oak and cat claw.

N. 0° 8' W. on a random line bet. secs. 3 and 4.

- 40.00 Set temp. 1/4 sec. cor.
- 78.82 Intersect the N. bdy. of the twp. 22 lks. E. of reestab. cor. of secs. 3, 4, 33 and 34, described in Book "B."
S. 0° 17' E. on a true line bet. secs. 3 and 4.
Asc. over rolling mountainous land.
- 1.43 Top of ridge, bears NE. and SW., 22 ft. above sec. cor., desc.
- 16.58 Dry wash, 40 lks. wide, course NE., 125 ft. below top of ridge, asc.
- 34.00 Top of ridge, bears E. and W., 360 ft. above dry wash, desc.
- 38.82 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for 1/4

Chains	sec. cor., with a brass cap, marked $\frac{1}{4} S 4 \quad \quad S 3$ 1915 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
42.57	Dry wash, 10 lks. wide, course E., 130 ft. below top of ridge, asc.
49.50	Top of ridge, bears E. and W., 105 ft. above wash, desc.
58.78	Dry wash, 10 lks. wide, course SE., 180 ft. below top of ridge, asc.
69.22	Top of ridge, bears S. 75° E. and W., 111 ft. above wash, desc.
78.82	Cor. of secs. 3, 4, 9 and 10, 120 ft. below top of ridge. Land, rolling and rough mountainous. Soil, stony, 3rd. rate. Undergrowth, palo christe, scrub oak, buck brush, laurel and cat claw.

	From reestablished St. cor. of secs. 32 and 33 on S. bdy. of Tp. (4th. Std. Par. N.) described in Book "A." N. 0° 8' W. bet. secs. 32 and 33. Desc. over rolling mountainous land.
6.40	Ravine, course N. 15° E., 196 ft. below sec. cor., con- tinue to desc.
20.80	Same ravine, course N. 20° W., 450 ft. below 1st. cross- ing., desc.
40.00	140 ft. below ravine, set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for $\frac{1}{4}$ sec. cor., with a brass cap, marked $\frac{1}{4} S 32 \quad \quad S 33$ 1915 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., thence over slightly rolling land.
70.20	Creek, 1 lk. wide, course N. 20° E., 540 ft. below $\frac{1}{4}$ sec. cor., continue to desc.

Chains

80.00 165 ft. below creek, 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, with a brass cap, marked

T 17 N		R 14 W
S 29		S 29
S 32		S 33
1915		

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

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, scrub oak and laurel.

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

40.00 Set temp. $1/4$ sec. cor.

80.40 Intersect N. and S. line 7 lks. N. of the cor. of secs. 27, 28, 33 and 34.

N. $89^{\circ} 57'$ W. on a true line bet. secs. 28 and 33.

Asc. over rolling mountainous land.

19.70 Top of spur, slopes N., 220 ft. above sec. cor., desc.

25.30 Ravine, course N. 10° W., 130 ft. below top of spur, asc.

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

$1/4$ S 28
S 33

1915

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

68.50 Top of spur, slopes N., 300 ft. above ravine, desc.

79.10 Creek, 1 lk. wide, course N. 15° E., 110 ft. below top of spur, asc.

80.40 Cor. of secs. 28, 29, 32 and 33, 47 ft. above creek.

Land, rolling mountainous.

Soil, gravelly and stony, 3rd. rate.

Undergrowth, palo verde, laurel and greasewood.

- Chains N. 0° 8' W. bet. secs. 28 and 29.
Asc. over rolling mountainous land.
- 8.14 Top of spur, slopes E., 65 ft. above sec. cor., desc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
- | | | |
|----------|--|------|
| 1/4 S 29 | | S 28 |
| 1915 | | |
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 45.16 Deluge wash, water 15 lks. wide, 5 ins. deep, course E., 400 ft. below top of spur, asc.
- 58.24 Spring branch, 2 lks. wide, 2 ins. deep, course SE.
- 80.00 550 ft. above Deluge wash, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 20, 21, 28 and 29, with a brass cap, marked
- | | | |
|--------|--|--------|
| T 17 N | | R 14 W |
| S 20 | | S 21 |
| ----- | | |
| S 29 | | S 28 |
| 1915 | | |
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- Land, rolling mountainous.
Soil, stony and gravelly, 3rd. rate.
Undergrowth, scrub oak, laurel and sagebrush.
-
- S. 89° 57' E. on a random line bet. secs. 21 and 28.
- 40.00 Set temp. 1/4 sec. cor.
- 80.15 Intersect N. and S. line 14 lks. N. of the cor. of secs. 21, 22, 27 and 28.
- N. 89° 51' W. on a true line bet. secs. 21 and 28.
Desc. over rolling mountainous land.
- 12.14 Creek, 1 lk. wide, 1 in. deep, course S., 340 ft. below sec. cor., continue to desc.
- 40.07 1/2 410 ft. below creek, set an iron post, 3 ft. long, 1 in. diam., on surface rock, in a mound of stone, for 1/4

2924
304

HENRY W. BERGER, Ch. E., C.E.
Consulting Engineer

Wikieup via Kingman, Arizona
March 12, 1938

U.S. Surveyor General
U.S. General Land Office
Washington, D.C.

Dear Sir:

For the information of your office the following monument was found by me (3-10-1938) to have been washed partly out and bent at an angle down the mountain:

U.S. Gen. Land Office Survey, 1915, $\frac{1}{4}$ Sec. Cor., between Sections 28 and 29, T. 17 N., R. 14 W. of the G & S R B M.

I straightened the above monument up, built up a pile of rock about it, and left it without knowledge as to its accuracy of location. It is my opinion that this monument has not moved materially. However, it should not be used as a point of reference until it has been re-located.

Yours very truly

(Sgd) Henry W. Berger
Registered Civil Engineer (Calif)

Chains	sec. cor., with a brass cap, marked $\frac{1/4 \text{ S } 21}{\text{S } 28}$ 1915 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
40.15	Head of spring branch, $\frac{1}{2}$ lk. wide, 1 in. deep, course SW. desc.
47.00	Creek, 2 lks. wide, 1 in. deep, course SE., 39 ft. below spring branch, asc.
55.60	Top of spur, slopes S., 240 ft. above creek, desc.
63.19	Creek, 3 lks. wide, 2 ins. deep, course S., 240 ft. below top of spur, asc.
72.65	Top of 330 ft. ascent, desc.
80.15	60 ft. descent, cor. of secs. 20, 21, 28 and 29. Land, rolling mountainous. Soil, stony and gravelly, 3rd. rate. Undergrowth, scrub oak, laurel, Spanish dagger, white sage and cacti.

	N. 0° 8' W. bet. secs. 20 and 21. Asc. over rolling mountainous land.
5.68	Diamond Joe peak, bears N. 82° 30' E. Dimond Joe mine, bears N. 62° 30' E.
8.04	Top of spur, slopes SE., 248 ft. above sec. cor., desc.
12.58	Rocky canyon, course E., 63 ft. below top of spur, asc.
29.90	Top of spur, slopes SE., Diamond Joe mine, bears E., 257 ft. above canyon, desc.
40.00	96 ft. below top of spur, set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, in a mound of stone, for $1/4$ sec. cor., with a brass cap, marked $\frac{1/4 \text{ S } 20}{\text{S } 21}$ 1915 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor., asc.

- Chains
49.00 Montezuma trail, bears NW. and SE., 86 ft. above 1/4 sec. cor., desc. slightly.
- 50.90 Dry wash, 60 lks. wide, course S. 10° E., asc.
- 64.66 Divide bet. Deluge wash and Crow canyon, bears NE. and SW., 425 ft. above wash, desc.
- 80.00 70 ft. below top of divide, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 16, 17, 20 and 21, with a brass cap, marked
- | | |
|--------|--------|
| T 17 N | R 14 W |
| S 17 | S 16 |
| S 20 | S 21 |
| 1915 | |
- and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- Land, rolling mountainous.
- Soil, stony, 3rd. rate.
- Undergrowth, scrub oak, buck brush, laurel and cacti.
-
- 40.00 S. 89° 51' E. on a random line bet. secs. 16 and 21. Set temp. 1/4 sec. cor.
- 79.96 Intersect N. and S. line 14 lks. N. of the cor. of secs. 15, 16, 21 and 22.
- N. 89° 45' W. on a true line bet. secs. 16 and 21.
- Asc. over rolling mountainous land.
- 38.66 Top of spur, slopes E., 576 ft. above sec. cor., thence level along top of spur.
- 39.98 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
- | | |
|----------|--|
| 1/4 S 16 | |
| S 21 | |
| 1915 | |
- and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
- 40.90 Top of spur, slopes NE., desc.
- 54.33 Creek, 1 lk. wide, course NE., 140 ft. below top of

Chains	spur, asc.
79.96	Cor. of secs. 16, 17, 20 and 21, 230 ft. above creek. Land, rolling mountainous. Soil, stony and gravelly, 3rd. rate. Undergrowth, scrub oak, buck brush, cat claw, Spanish dagger and cacti.

	N. 0° 8' W. bet. secs. 16 and 17. Along top of ridge, bears N. and S.
16.16	Desc.
40.00	474 ft. below sec. cor., set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked $\begin{array}{c} 1/4 \text{ S } 17 \quad \quad \text{S } 16 \\ 1915 \end{array}$ and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., continue to desc.
65.30	Creek in Crow canyon, 5 lks. wide, course E., 600 ft. below 1/4 sec. cor., asc.
74.46	Top of spur, slopes S. 80° E., 153 ft. above creek, desc.
80.00	73 ft. below top of spur, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 8, 9, 16 and 17, with a brass cap, marked $\begin{array}{c} \text{T } 17 \text{ N} \quad \text{R } 14 \text{ W} \\ \text{S } 8 \quad \quad \text{S } 9 \\ \hline \text{S } 17 \quad \quad \text{S } 16 \\ 1915 \end{array}$ and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Land, rolling mountainous. Soil, stony and gravelly, 3rd. rate. Undergrowth, palo verde, cat claw, greasewood and cacti.

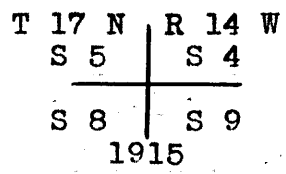
	S. 89° 45' E. on a random line bet. secs. 9 and 16.
40.00	Set temp. 1/4 sec. cor.
80.02	Intersect the cor. of secs. 9, 10, 15 and 16.

Chains	N. 89° 45' W. on a true line bet. secs. 9 and 16. Desc. over rolling mountainous land.
24.05	Crow canyon, creek, 5 lks. wide, course SE., 116 ft. below sec. cor.
28.07	Crow canyon and creek, 4 lks. wide, course NE., asc.
40.01	240 ft. above Crow canyon, set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked $\frac{1/4 \text{ S } 9}{\text{S } 16}$ 1915 and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor., continue to asc.
67.20	Top of 326 ft. ascent, desc. SW. slope.
79.58	Creek, ½ lk. wide, 1 in. deep, course SE., 200 ft. descent, asc.
80.02	Cor. of secs. 8, 9, 16 and 17, 13 ft. above creek. Land, rolling mountainous. Soil, stony and gravelly, 3rd. rate. Undergrowth, cat claw, laurel and palo christe.

	N. 0° 8' W. bet. secs. 8 and 9. Over rolling mountainous land.
0.25	Creek, 3 lks. wide, course S. 30° E., asc.
40.00	630 ft. above creek, set an iron post, 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked $\frac{1/4 \text{ S } 8}{\text{S } 9}$ 1915 and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor., continue to asc.
71.84	Top of ridge, bears E. and W., 384 ft. above 1/4 sec. cor., desc.
80.00	177 ft. below top of ridge, set an iron post, 3 ft. long, 2 ins. in diam., on surface rock, in a mound of stone, for cor. of secs. 4, 5, 8 and 9, with a brass cap, marked

Subdivision of T. 17 N., R. 14 W.

Chains



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

Land, rolling mountainous.

Soil, gravelly and stony, 3rd. rate.

Undergrowth, scrub oak and laurel.

S. 89° 45' E. on a random line bet. secs. 4 and 9.

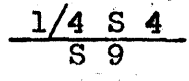
40.00 Set temp. 1/4 sec. cor.

79.96 Intersect N. and S. line 12 lks. S. of the cor. of secs.
3, 4, 9 and 10.

N. 89° 50' W. on a true line bet. secs. 4 and 9.

Asc. over rolling mountainous land.

39.98 245 ft. above sec. cor., set an iron post, 3 ft. long,
1 in. in diam., 20 ins. in the ground to bed rock, in
a mound of stone, for 1/4 sec. cor., with a brass cap,
marked



1915

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

56.12 Top of ridge, bears N. 70° E. and S. 70° W., 220 ft.
above 1/4 sec. cor., desc.

66.00 Draw, course N. 10° E., 70 ft. below top of ridge, asc.

77.96 Top of spur, slopes N., 10° E., 230 ft. above draw,

79.96 Cor. of secs. 4, 5, 8 and 9.

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, scattering palo verde and greasewood.

N. 0° 8' W. on a random line bet. secs. 4 and 5.

40.00 Set temp. 1/4 sec. cor.

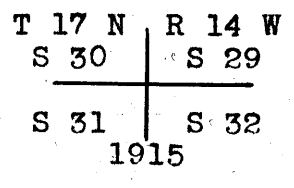
79.22 Intersect the N. bdy. of the twp. 24 lks. E. of reestab. cor.
of secs. 4, 5, 32 and 33, described in Book "B."

S. 0° 18' E. on a true line bet. secs. 4 and 5.

- Chains Asc. over rolling mountainous land.
- 12.54 Top of ridge, bears E. and W., 232 ft. above sec. cor.
- 17.54 Leave ridge, desc.
- 39.22 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, in a mound of stone for 1/4 sec. cor., with a brass cap, marked
- $$\begin{array}{c} 1/4 \text{ S } 5 \quad | \quad \text{S } 4 \\ 1915 \end{array}$$
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 58.95 Dry wash, 30 lks. wide, course E., 445 ft. below top of ridge, asc.
- 79.22 Cor. of secs. 4, 5, 8 and 9, 250 ft. above dry wash.
Land, rolling mountainous.
Soil, stony, 3rd. rate.
Undergrowth, buck brush, scrub oak, laurel and cat claw.
-
- From reestablished standard cor. of secs. 31 and 32 on S. bdy. of Tp. (4th. Std. Par. N.) described in Book "A."
N. 0° 9' W. bet. secs. 31 and 32.
Over slightly rolling land.
- 0.75 Draw, course N. 20° E.
- 2.78 Dry wash, course NE., asc.
- 9.96 Shaft of the American Metals mining Co., bears E. 7.00 chs. dist.
- 11.60 Top of 62 ft. ascent, desc.
- 31.98 Foot of 324 ft. descent, draw, course NE., asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
- $$\begin{array}{c} 1/4 \text{ S } 31 \quad | \quad \text{S } 32 \\ 1915 \end{array}$$
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 70.15 Top of spur, slopes NE., 120 ft. above draw, desc.
- 72.24 Pack trail, bears NE. and SW.

Chains

80.00 180 ft. below top of spur, 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, with a brass cap, marked



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

Land, rolling mountainous.

Soil, stony and gravelly; 3rd. rate.

Undergrowth, scrub oak, buck brush, laurel, manzanita and cat claw.

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

40.00 Set temp. 1/4 sec. cor.

79.82 Intersect N. and S. line 6 lks. S. of the cor. of secs. 28, 29, 32 and 33.

S. 89° 57' W. on a true line bet. secs. 29 and 32.

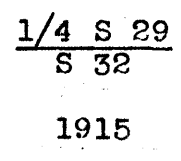
Asc. over rolling mountainous land.

25.73 Top of spur, slopes N., 370 ft. above sec. cor., desc.

32.58 Creek, 1 lk. wide, 1/2 inch. deep, course NW., 165 ft. below top of spur, asc.

38.82 Top of spur, slopes N., 140 ft. above creek, desc.

39.91 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked



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

51.67 Creek, 2 lks. wide, 1 in. deep, course NE., 220 ft. below top of spur, asc.

73.00 Top of spur, slopes NE., 180 ft. above creek, desc.

74.44 Pack trail, bears NE. and SW.

Chains 79.82	<p>Cor. of secs. 29, 30, 31 and 32, 130 ft. below top of spur.</p> <p>Granite Peak brs. N. 72° 45' W. from this cor.</p> <p>Land rolling and mountainous.</p> <p>Soil, stony and gravelly, 3rd rate.</p> <p>Undergrowth, scrub oak, buck brush, laurel and catclaw.</p> <p>-----</p> <p>West, on a random line, bet. secs. 30 and 31.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.95	<p>Intersect W. bdy. of Tp., 2 lks. N. of reestablished cor. of secs. 25, 30, 31 and 36, described in Book "B." Thence N. 89° 59' E. on true line, bet. secs. 30 and 31.</p> <p>Over mountainous land. Descend SE. slope.</p>
10.54	Deluge Wash, course NE. Running water 20 lks. wide, 2 ins. deep, 150 ft. below sec. cor. Ascend.
13.60	Top of spur, slopes N. 3 chs., 35 ft. above wash. Descend.
14.97	Deluge wash, course SE., 25 ft. below spur. Running water 15 lks. wide, 4 ins. deep; ascend.
19.58	Top of spur, slopes S. 3.50 chs., 120 ft. above wash; desc.
31.75	Deluge wash, course N. 75° E., 215 ft. below spur. Running water 15 lks. wide, 4 ins. deep, Ascend NW. slope.
38.89	Top of spur. slopes N. 5.00 chs., 125 ft. above wash; descend.
39.95	<p>Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground, supported by a mound of stone, for $\frac{1}{4}$ sec. cor., with a brass cap, marked</p> $\frac{1}{4} \quad \begin{array}{r} S \ 30 \\ S \ 31 \\ 1915 \end{array}$ <p>and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. This cor. is 20 ft. below spur. Continue descent.</p>
41.48	Small creek, course NE., 68 ft. below $\frac{1}{4}$ sec. cor. Running water 2 lks. wide, 1 in. deep; ascend over rough rolling NW. slope.
60.99	<p>A point presumably on the center line of the Congress, Lot. No. 38, patented mining claim, at 10.31 chs. S. 18° 51' W. from old N. end center mon., and 10.13 chs. N. 18° 51' E. from old S. end center mon. The remains of old shafts on this line at about the points indicated on the official plat</p>

Chains

of said claim indicate that the intersection is on the old lode line of claim. These two monuments were unmarked, and no others could be found after diligent search. This location was further identified as being that of the "Congress" by Joseph Miller and Louis Jones of Yucca, Arizona.

66.75 Top of spur, slopes N. 210 ft. above creek, at 41.48 ch. sta.; desc.

72.71 Draw, course N. 125 ft. below spur. Ascend.

79.95 Cor. of secs. 29, 30, 31 and 32, 15 ft. above draw.

Land, mountainous. Soil, rocky, 3rd rate. Undergrowth, dense scrub oak, buck brush, laurel, and catelaw.

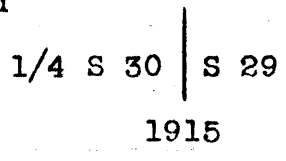
N. 0° 9' W. bet. secs. 29 and 30.

Desc. over rolling mountainous land.

26.44 Deluge wash, 12 lks. wide, 5 ins. deep, course NE., 318 ft. below sec. cor., asc.

38.50 Top of spur, slopes E., 220 ft. above wash, desc.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked



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

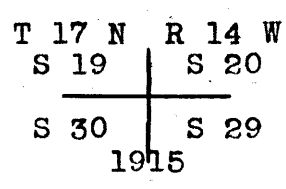
41.07 Rocky draw, course E., 40 ft. below top of spur, asc.

51.20 Top of 77 ft. ascent, desc.

63.18 Whale mine tunnel, bears W. 6.00 chs. dist.

63.24 Creek, 3 lks. wide, 2 ins. deep, course SE., 130 ft. descent, asc.

80.00 350 ft. above creek, set an iron post, 3 ft. long, 2 ins. in diam., 8 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 19, 20, 29 and 30, with a brass cap, marked



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

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Chains

Undergrowth, Scrub oak, buck brush, palo christe, cat
claw and white sage.

N. 89° 57' E. on a random line bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line 10 lks. N. of the cor. of secs.
20, 21, 28 and 29.

N. 89° 59' W. on a true line bet. secs. 20 and 29.

Over rolling mountainous land., desc.

40.01 234 ft. below sec. cor., set an iron post, 3 ft. long, 1
in. in diam., 8 ins. in the ground to bed rock, in a
mound of stone, for 1/4 sec. cor., with a brass cap,
marked

$$\frac{1/4 \text{ S } 20}{\text{S } 29}$$

1915

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

51.50 Creek, 2 lks. wide, 1 in. deep, course SE., 80 ft. below
1/4 sec. cor., asc.

77.67 Top of spur, slopes S., 532 ft. above creek,

78.67 Leave top of spur, desc.

80.02 Cor. of secs. 19, 20, 29 and 30, 44 ft. below top of spur.
Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, scrub oak, buck brush, laurel, cat claw and
some scattering bunch grass.

S. 89° 59' W. on a random line bet. secs. 19 and 30.

40.00 Set temp. 1/4 sec. cor.

79.80 Intersect the W. bdy. of the twp. 7 lks. N. of reestab. cor.
of secs. 19, 24, 25 and 30, described in Book "B."

N. 89° 56' E. on a true line bet. secs. 19 and 30.

Desc. over rolling mountainous land, along ridge, bearing
N. 60° W. and SE.

7.65 Leave ridge, desc. NE. slope.

Chains
31.56

Creek, 1/2 lk. wide, course NE., 700 ft. below sec. cor.,
asc.

39.80

Set an iron post, 3 ft. long, 1 in. in diam., on surface
rock, in a mound of stone, for 1/4 sec. cor., with a
brass cap, marked

1/4 S 19
S 30

1915

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

42.29

Point of spur, slopes NE., 117 ft. above creek, desc.

59.88

Creek, 3 lks. wide, course SE., 450 ft. below point of
spur, asc.

63.20

Top of spur, slopes S. 30° E., 20 ft. above creek, desc.

67.93

Creek, 3 lks. wide, course S., pack trail, bears N. and
S., 40 ft. below top of spur, asc.

79.80

Cor. of secs. 19, 20, 29 and 30, 358 ft. above creek.
Land, rolling mountainous.
Soil, stony and gravelly, 3rd. rate.
Undergrowth, scrub oak, buck brush, laurel, palo christe,
and cat claw.

N. 0° 9' W. bet. secs. 19 and 20.

Along broken W. slope, desc. slightly.

40.00

88 ft. below sec. cor., set an iron post, 3 ft. long, 1
in. in diam., 24 ins. in the ground for 1/4 sec. cor.,
with a brass cap, marked

1/4 S 19 | S 20
1915

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

40.15

Dry wash, course SW., 5 lks. wide.

51.24

Dry wash, 6 lks. wide, course SW., asc.

67.72

Top of divide bet. Deluge wash and Crow canyon, bears NW.
and SE., 160 ft. above dry wash, desc.

72.64

Head of draw, course NE., 57 ft. below top of ridge, asc.

Chains

77.42 Top of spur, slopes NE., 96 ft. above draw, desc.

80.00 34 ft. below top of spur, set an iron post, 3 ft. long, 2 inq. in diam., on surface rock, in a mound of stone, for cor. of secs. 17, 18, 19 and 20, with a brass cap, marked

T 17 N		R 14 W
S 18		S 17
S 19		S 20
1915		

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

Land, rolling mountainous.

Soil, stony, 3rd. rate.

Undergrowth, scrub oak, buck brush, palo christe, cat claw and Spanish dagger.

S. $89^{\circ} 59'$ E. on a random line bet. secs. 17 and 20.

40.00 Set temp. $1/4$ sec. cor.

79.88 Intersect N. and S. line 25 lks. S. of the cor. of secs. 16, 17, 20 and 21.

S. $89^{\circ} 50'$ W. on a true line bet. secs. 17 and 20.

Desc. over rolling mountainous land.

20.36 Draw, course N. 20° W., 596 ft. below sec. cor., asc.

33.70 Top of spur, slopes N., 259 ft. above draw, desc.

39.94 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for $1/4$ sec. cor., with a brass cap, marked

$1/4$ S 17
S 20

1915

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

41.38 Draw, course N., 212 ft. below top of spur, asc.

44.04 Top of spur, slopes N. 10° E., 92 ft. above draw, desc.

62.32 Draw, course N., 142 ft. below top of spur, asc.

79.88 Cor. of secs. 17, 18, 19 and 20, 243 ft. above spur.

Land, rolling and rough mountainous.

Chains	Soil, stony and gravelly, 3rd. rate. Undergrowth, oak brush, laurel and cat claw.
<hr/>	
	S. 89° 56' W. on a random line bet. secs. 18 and 19.
40.00	Set temp. 1/4 sec. cor.
79.71	Intersect the W. bdy. of the twp. 2 lks. S. of reestab. cor. of secs. 13, 18, 19 and 24, described in Book "B." N. 89° 57' E. on a true line bet. secs. 18 and 19. Desc. over rolling mountainous land.
4.20	Draw, course NE., 31 ft. below sec. cor., asc.
17.90	Top of spur, slopes N. 20° E., 50 ft. above draw, desc.
23.72	Head of draw, course NE., 158 ft. below top of spur., asc.
25.76	Pack trail, bears N. and SE.
39.71	Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
	$\frac{1/4 \text{ S } 18}{\text{S } 19}$
	1915
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
40.84	Top of ridge, bears E. and SW., 80 ft. above draw, desc. along top of ridge.
69.30	Leave ridge, bears W. and SE., 180 ft. descent, continue to desc.
79.71	Cor. of secs. 17, 18, 19 and 20, 187 ft. below ridge. Land, rolling mountainous. Soil, stony and gravelly, 3rd. rate. Undergrowth, scrub oak, buck brush, laurel, cat claw, palo verde and Spanish dagger.
<hr/>	
	N. 0° 9' W. bet. secs. 17 and 18. Desc. over rolling broken land.
1.88	Head of draw, course NE., 43 ft. below sec. cor., asc. SE. slope.
6.70	Change to broken E. slope.

Chains

- 16.08 Top of 55 ft. ascent, desc. NE. slope.
- 32.25 Enter draw, course N.
- 37.19 Leave draw, course NE.
- 39.02 Cross canyon and creek, 8 lks. wide, 3 ins. deep, course E., at foot of 412 ft. descent, asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked
- $$\begin{array}{c} 1/4 \text{ S } 18 \mid \text{ S } 17 \\ \hline 1915 \end{array}$$
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- 46.18 Top of spur, slopes SE., 155 ft. above creek, desc.
- 56.93 Dry wash, 10 lks. wide, course S. 20° E., 100 ft. below top of spur, asc.
- 70.56 Top of spur, slopes SE., 322 ft. above wash.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 20 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 7, 8, 17 and 18, with a brass cap, marked
- $$\begin{array}{c} \text{T } 17 \text{ N } \quad \text{R } 14 \text{ W} \\ \text{S } 7 \quad \mid \quad \text{S } 8 \\ \hline \text{S } 18 \quad \mid \quad \text{S } 17 \\ \hline 1915 \end{array}$$
- and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
- Land, rolling mountainous.
- Soil, stony and gravelly, 3rd. rate.
- Undergrowth, scrub oak, buck brush, laurel, palo christe and some scattering bunch grass.
-
- 40.00 Set temp. 1/4 sec. cor.
- 79.83 Intersect N. and S. line 12 lks. N. of the cor. of secs. 8, 9, 16 and 17.
- S. 89° 55' W. on a true line bet. secs. 8 and 17.
- Desc. over rolling mountainous land.

Chains

- 2.98 Draw, course N. 10° E., 24 ft. below sec. cor., asc.
- 10.29 Top of spur, slopes SE., 265 ft. above draw, desc.
- 14.79 Draw, course S. 80° E., 63 ft. below top of spur, asc.
- 32.85 Top of spur, slopes S. 65° E., 290 ft. above draw, desc.
- 39.91 1/2 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 8}{\text{S } 17}$$

1915

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor., 70 ft. below top of spur, asc.

- 50.28 Top of spur, slopes S., 140 ft. above 1/4 sec. cor., desc.
- 55.25 Dry wash, course S. 60° E., 66 ft. below top of spur, asc.
- 79.83 Cor. of secs. 7, 8, 17 and 18, 350 ft. above dry wash.
Land, rolling mountainous.
Soil, stony and gravelly, 3rd. rate.
Undergrowth, scrub oak, buck brush and cat claw.

S. 89° 57' W. on a random line bet. secs. 7 and 18.

- 40.00 Set temp. 1/4 sec. cor.
- 79.50 Intersect the W. bdy. of the twp. 5 lks. N. of reestab. cor. of secs. 7, 12, 13 and 18, described in Book "B."
N. 89° 55' E. on a true line bet. secs. 7 and 18.
Over broken rolling mountainous land, asc.

- 24.20 Top of spur, slopes SE., 15 ft. above sec. cor., desc.
- 36.10 Creek, 1 lk. wide, 1 in. deep, course SE., 300 ft. below top of spur, asc.
- 39.50 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 7}{\text{S } 18}$$

1915

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

Chains

- 47.65 Top of spur, slopes SE., 112 ft. above creek, desc.
- 53.92 Dry wash, 30 lks. wide, course SE., 160 ft. below top of spur, asc.
- 69.18 Top of spur, slopes SE., 200 ft. above wash, desc.
- 79.50 Cor. of secs. 7, 8, 17 and 18, 150 ft. below top of spur. Land, rolling mountainous.
Soil, stony and gravelly, 3rd. rate.
Undergrowth, buck brush, scrub oak, palo verde and cat claw, some scattering grass.

N. 0° 9' W. bet. secs. 7 and 8.

Asc. over rolling mountainous land.

- 1.70 Top of spur, slopes SE., 57 ft. above sec. cor., desc.
- 25.38 Canyon, course SE., 175 ft. below top of spur, asc.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., on surface rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

$$\begin{array}{c} 1/4 \text{ S } 7 \quad | \quad \text{S } 8 \\ \hline 1915 \end{array}$$

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

- 64.00 Top of ridge, bears NW. and SE., 536 ft. above canyon, desc.
- 80.00 180 ft. below top of ridge, 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, with a brass cap, marked

$$\begin{array}{c} \text{T } 17 \text{ N } \quad \text{R } 14 \text{ W} \\ \text{S } 6 \quad | \quad \text{S } 5 \\ \hline \text{S } 7 \quad | \quad \text{S } 8 \\ \hline 1915 \end{array}$$

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

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, buck brusks, scrub oak, cat claw and palo christe, some grass.

Chains N. 89° 55' E. on a random line bet. secs. 5 and 8.
 40.00 Set temp. 1/4 sec. cor.
 79.88 Intersect N. and S. line 5 lks. S. of the cor. of secs.
 4, 5, 8 and 9.
 S. 89° 53' W. on a true line bet. secs. 5 and 8.
 Over rolling land.
 21.31 Draw, course N. 15° E., asc.
 25.98 Top of spur, slopes N. 15° E., 118 ft. above draw, desc.
 31.58 Draw, course N., 130 ft. below top of spur, asc.
 38.34 Top of spur, slopes N. 10° W., 45 ft. above draw, desc.
 39.94 Set an iron post, 3 ft. long, 1 in. in diam., 18 ins. in
 the ground to bed rock, in a mound of stone, for 1/4
 sec. cor., with a brass cap, marked

$$\frac{1/4 \text{ S } 5}{\text{S } 8}$$

1915

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

59.66 Draw, course N., 133 ft. below top of spur, asc.
 79.88 Cor. of secs. 5, 6, 7 and 8, 173 ft. above draw.
 Land, rolling mountainous.
 Soil, stony, 3rd. rate.
 Undergrowth, buck brush, scrub oak and cat claw.

S. 89° 55' W. on a random line bet. secs. 6 and 7.
 40.00 Set temp. 1/4 sec. cor.
 78.82 Intersect the W. bdy. of the twp. 16 lks. S. of reestab. cor.
 of secs. 1, 6, 7 and 12, described in Book "B."
 S. 89° 58' E. on a true line bet. secs. 6 and 7.
 Desc. over rolling mountainous land.
 7.04 Dry wash, 15 lks. wide, course S. 70° E.
 19.53 Same dry wash, course N. 80° E., 40 lks. wide, 240 ft.
 below sec. cor., asc.
 23.92 Top of 60 ft. ascent, desc.
 38.82 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
 the ground to bed rock, in a mound of stone, for 1/4
 sec. cor., with a brass cap, marked

Chains

$\frac{1/4 \text{ S } 6}{\text{S } 7}$

1915

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

78.82 Cor. of secs. 5, 6, 7 and 8, 165 ft. above wash.

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, buck brush, scrub oak, cat claw and palo
christe.

N. 0° 9' W. on a random line bet. secs. 5 and 6.

40.00 Set temp. $1/4$ sec. cor.

79.64 Intersect the N. bdy. of the twp. 10 lks. E. of reestab. cor.
of secs. 5, 6, 31 and 32, described in Book "B."

S. 0° 13' E. on a true line bet. secs. 5 and 6.

Asc. over rolling mountainous land.

22.86 Top of ridge, bears NW. and SE., 425 ft. above sec. cor.,
desc.

39.64 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in
the ground to bed rock, in a mound of stone, for $1/4$
sec. cor., with a brass cap, marked

$\frac{1/4 \text{ S } 6}{\text{S } 5}$

1915

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

47.12 Dry wash, 10 lks. wide, course S. 30° E., 330 ft. below
top of ridge, asc.

60.62 Top of spur, slopes SE., 75 ft. above wash, desc.

73.68 Spring creek, 1 lk. wide, $\frac{1}{2}$ in. deep, course E., 200 ft.
below top of spur, asc.

79.64 Cor. of secs. 5, 6, 7 and 8, 110 ft. above creek.

Land, rolling mountainous.

Soil, stony and gravelly, 3rd. rate.

Undergrowth, buck brush, scrub oak, cat claw and palo
verde, some scattering grass.

June 7, 1915.

GENERAL DESCRIPTION.

This township is rough and mountainous except in the north eastern portion, which is rolling mountainous. At the time of survey there was running water in Deluge wash and for the upper two miles of Crow canyon. There are a few scattering pinon pine and cedar in the south half and some scattering cottonwoods along Deluge wash and Crow canyon. There are some old silver workings and molybdenum indications along Deluge wash. There are no settlers. Scant growth of grass affords some pasturage for horses and cattle.