

3119

Book "F."

4-679

(Subdivisions)

ECCK 3119

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

OF

TOWNSHIP 17 NORTH, RANGE 17 WEST.

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 April 13, 1915.

Survey completed April 23, 1915.

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51
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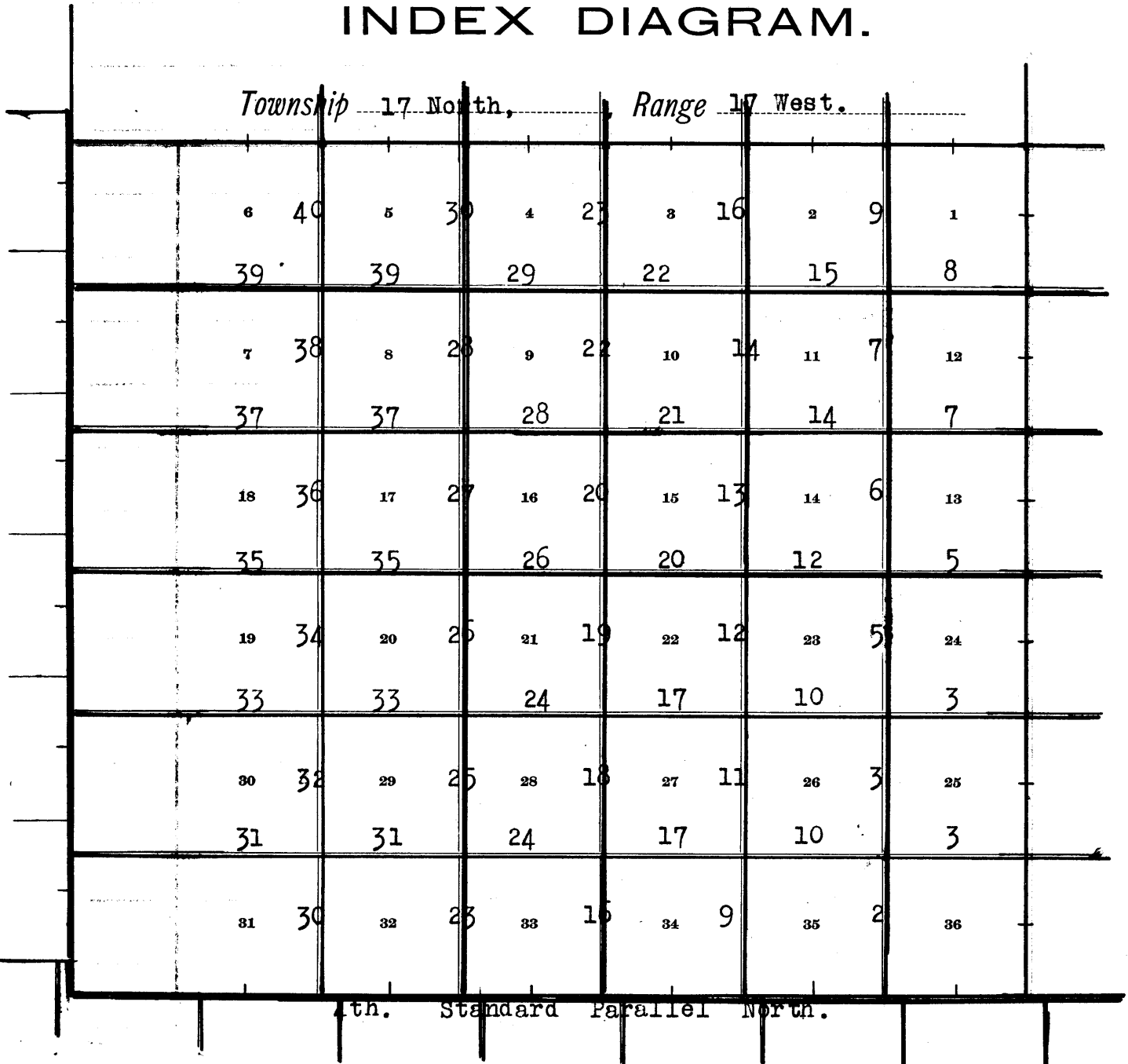
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3119
Book "F."
Group 46 - - Arizona.
(Subdivisions)

INDEX DIAGRAM.

Township 17 North, Range 17 West.



- Subdivision lines surveyed under this Group.
- Township boundaries surveyed under this Group.
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- Standard lines surveyed under this Group.
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SUBDIVISION OF
TOWNSHIP 17 NORTH, RANGE 17 WEST,

DATE DIAGRAM.

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

Lines dated in red were surveyed by Fred N. Wardwell,
U. S. Surveyor.

Lines dated in green were surveyed by Howard G. Mason,
U. S. Transitman.

2 Subdivision of Township 17 North, Range 17 West.

Chains.

Survey executed by Fred N. Wardwell, U. S. Surveyor, and Howard G. Mason, U. S. Transitman, under assignment instructions for Group 46, dated January 28, 1915, with Young and Sons' light mountain transits, Nos. 8481 and 8389 respectively. The instruments are provided with Smith solar attachments, which are kept in adjustment by frequent and repeated tests on meridians obtained by direct solar and Polaris observations.

From the standard cor. of secs. 35 and 36, on S. bdy. of Tp., (4th. Standard Parallel North) described in Book "A,"

Latitude $34^{\circ} 48' 06''$ N.,

Longitude, $114^{\circ} 02' 59''$ W.

Magnetic declination $15^{\circ} 00' E.$

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

Over level land.

26.50 Dry wash, 20 lks. wide, course 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

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{s35} \quad | \quad \text{s36} \\ | \\ 1915 \end{array}$$

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

44.35 Dry wash, 20 lks. wide, course W.

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

$$\begin{array}{c} \text{T17N R17W} \\ | \\ \text{s26} \quad | \quad \text{s25} \\ \hline \text{s35} \quad | \quad \text{s36} \\ | \\ 1915 \end{array}$$

Subdivision of Township 17 North, Range 17 West.

Chains.

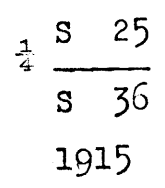
Dig pits 18x18x12 ins., in each sec. 5½ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, level.
 Soil, sandy, 2nd rate.
 Undergrowth, greasewood, yucca, cacti and catclaw.
 Some scattering grass.

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

40.00 Set temp. ¼ sec. cor.

80.04 Intersect the East bdy. of the Tp., 2 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in Book "B." N. 89° 59' W., on a true line, bet. secs. 25 and 36.
 Over level land.

40.02 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for ¼ sec. cor., with a brass cap, marked



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

80.04 Cor. of secs. 25, 26, 35 and 36.

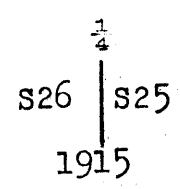
Land, level.
 Soil, sandy, 2nd rate.
 Undergrowth, greasewood, yucca, catclaw and cacti.
 Some scattering grass.

 N. 0° 1' W., bet. secs. 25 and 26.

Over level land.

29.50 Dry wash, 25 lks. wide, course S. 80° W.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for ¼ sec. cor., with a brass cap, marked



4. Subdivision of Township 17 North Range 17 West.

Chains

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

54.70 Dry wash, 25 lks. wide, course W.

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

T17N	R17W
S23	S24
S26	S25
1915	

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

Land, level.

Soil, sandy and gravelly, 2nd rate.

Undergrowth, greasewood, yucca, ocotillo, cacti and cat-
claw; some little grass.

S. $89^{\circ} 59'$ E., on a random line, bet. secs. 24 and 25.

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

80.25 Intersect the E. bdy. of the Tp., 14 lks. S. of the cor. of
secs. 19, 24, 25 and 30, described in Book "B."

S. $89^{\circ} 55'$ W., on a true line, bet. secs. 24 and 25.

Over slightly rolling land.

13.95 Dry wash, 90 lks. wide, $1\frac{1}{2}$ ft. deep, course S. 40° W.

31.75 Dry wash, 130 lks. wide, 2 ft. deep, course SW.

40.12 $\frac{1}{2}$ 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

	S 24
$\frac{1}{4}$	
	S 25
1915	

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

Chains

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

80.25 Cor. of secs. 23, 24, 25 and 26.

Land, slightly rolling.

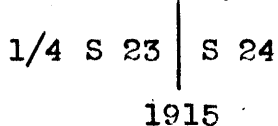
Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood, yucca palm, cat claw, palo christe and rabbit brush.

N. 0° 1' W. bet. secs. 23 and 24.

Over level land.

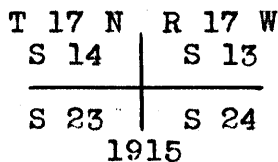
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



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

77.65 Telephone line, bears N. 70° W. and S. 70° E.

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, with a brass cap, marked



dig pits, 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, ocotillo, yucca, cacti and cat claw, and some grass.

N. 89° 55' E. on a random line bet. secs. 13 and 24.

40.00 Set temp. 1/4 sec. cor.

80.20 Intersect the E. bdy. of the twp. 12 lks. N. of the cor.

Chains	of secs. 13, 18, 19 and 24, described in Book "B." West on a true line bet. secs. 13 and 24. Over level land.
32.70	Dry wash, 30 lks. wide, course NW.
40.10	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 $\begin{array}{c} \frac{1}{4} S 13 \\ \hline S 24 \end{array}$ 1915 dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.
80.20	Cor. of secs. 13, 14, 23 and 24. Land, level. Soil, sandy and gravelly, 2nd. rate. Undergrowth, greasewood, yucca, ocotillo, cacti and cat claw and some little grass.

	N. 0° 1' W. bet. secs. 13 and 14. Over level land.
11.70	Dry wash, 60 lks. wide, course W.
37.05	Old road, very dim, bears N. 85° E. and S. 85° W.
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 $\begin{array}{c} \frac{1}{4} S 14 \quad \quad S 13 \\ \hline 1915 \end{array}$ dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.
52.35	Dry wash, 60 lks. wide, course S. 85° W.
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. 11, 12, 13 and 14, with a brass cap, marked $\begin{array}{c} T 17 N \quad R 17 W \\ S 11 \quad \quad S 12 \\ \hline S 14 \quad \quad S 13 \\ 1915 \end{array}$

Chains

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

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, ocotillo and cat claw.

Some scattering grass.

East on a random line bet. secs. 12 and 13.

40.00 Set temp. 1/4 sec. cor.

80.38 Intersect the E. bdy. of the twp. 2 lks. S. of the cor.
of secs. 7, 12, 13 and 18, described in Book "B."

S. 89° 59' W. on a true line bet. secs. 12 and 13.

Over level land.

29.98 Road, Yucca to Copperville and Cedar, bears N. 80° W.
and S. 80° E.

40.19 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

$\frac{1/4 \text{ S } 12}{\text{S } 13}$

1915

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft.
dist., and raise a mound of earth, 3½ ft. base, 1½ ft.
high, N. of cor.

80.38 Cor. of secs. 11, 12, 13 and 14.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, cacti and cat claw.

Some scattering grass.

N. 0° 1' W. bet. secs. 11 and 12.

Over slightly rolling land.

6.05 Road bet. Yucca, Copperville and Cedar, bears E. and W.

13.10 Enter dry wash, course SW.

33.00 Leave dry wash.

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

Chains

1/4 S 11 | S 12

1915

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

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground for cor. of secs. 1, 2, 11 and 12, with a
brass cap, marked

T 17 N	R 17 W
S 2	S 1
S 11	S 12
1915	

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

Land, slightly rolling.

Soil, gravelly and sandy, 2nd. rate.

Undergrowth, greasewood, yucca, cacti and cat claw.

Some little scattering grass.

N. $89^{\circ} 59'$ E. on a random line bet. secs. 1 and 12.

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

80.20 Intersect the E. bdy. of the twp. 9 lks. N. of the cor.
of secs. 1, 6, 7 and 12, described in Book "B."

N. $89^{\circ} 57'$ W. on a true line bet. secs. 1 and 12.

Over level land.

40.10 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

<u>1/4 S 1</u>
S 12

1915

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

40.70 Dry wash, 50 lks. wide, course S. 10° W.

80.20 Cor. of secs. 1, 2, 11 and 12.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

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

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

N. 0° 1' W. on a random line bet. secs. 1 and 2.

40.00 Set temp. 1/4 sec. cor.

79.56 Intersect the N. bdy. of the twp. 14 lks. W. of the cor. of secs. 1, 2, 35 and 36, described in Book "B."

S. 0° 5' W. on a true line bet. secs. 1 and 2.

Over level land.

23.86 Dry wash, 40 lks. wide, course SW.

39.56 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 1

1915

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.

high, W. of cor.

79.56 Cor. of secs. 1, 2, 11 and 12.

Land, level.

Soil, sandy, 2nd. rate.

Undergrowth, greasewood, yucca, cacti and cat claw.

From the St. cor. of secs. 34 and 35, on the S. bdy. of the Tp. (4th. Std. Par. N.), described in Book "A,"

N. 0° 1' W. bet. secs. 34 and 35.

Over level land.

37.20 Dry wash, 50 lks. wide, 2 ft. deep, course W.

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

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.

high, W. of cor.

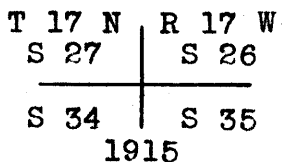
49.40 Telephone line bet. Yucca and Signal, bears NW. and SE.

52.80 Road bet. Yucca and Signal, bears NW. and SE.

Chains

70.00 Dry wash, 30 lks. wide, 3 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, 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, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood, yucca palm, palo christe and rabbit brush.

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

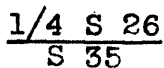
40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line 16 lks. S. of the cor. of secs. 25, 26, 35 and 36.

S. 89° 53' W. on a true line bet. secs. 26 and 35.

Over level land.

40.03 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



1915

and dig pits, 18 X 18 X 12 ins. E. and W. of post, 3ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

80.06 Cor. of secs. 26, 27, 34 and 35.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, ocotillo, yucca, cacti and cat claw.

Some scattering grass.

FC-11 819

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

Chains N. 0° 1' W. bet. secs. 26 and 27.
 Over nearly level land.

20.00 Dry wash, 50 lks. wide, 2 ft. deep, course W.

32.90 Dry wash, 60 lks. wide, 3 ft. deep, course W.

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 27		S 26
1915		

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

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, with a brass cap, marked

T 17 N		R 17 W
S 22		S 23

S 27		S 26
1915		

dig pits, 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood, yucca palm, cat claw, palo christe, and rabbit brush.

N. 89° 53' E. on a random line bet. secs. 23 and 26.

40.00 Set temp. 1/4 sec. cor.

80.06 Intersect N. and S. line 10 lks. S. of the cor. of secs. 23, 24, 25 and 26.

S. 89° 49' W. on a true line bet. secs. 23 and 26.

Over level land.

40.03 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 23	-----
S 26	
1915	

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft.

Chains dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

80.06 Cor. of secs. 22, 23, 26 and 27.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

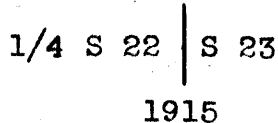
Undergrowth, cacti greasewood, yucca palm, palo christe and rabbit brush.

N. 0° 1' W. bet. secs. 22 and 23.

Over level land.

23.20 Old road bet. Copper camp and Needles, bears NE. and SW.

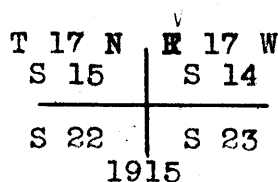
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for 1/4 sec. cor., with a brass cap, marked



and dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

60.00 Dry wash, 30 lks. wide, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 14, 15, 22 and 23, with a brass cap, marked



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

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, cacti, ocotillo and cat claw., some little grass.

N. 89° 49' E. on a random line bet. secs. 14 and 23.

40.00 Set temp. 1/4 sec. cor.

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

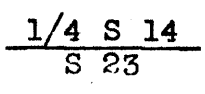
Subdivision of T. 17 N., R. 17 W.

Chains S. 89° 55' W. on a true line bet. secs. 14 and 23.

8.86 Telephone line, bears NW. and SE.

27.66 Dry wash, 1 ch. wide, course SW.

40.03 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



1915

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

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

Land, level.

Soil, sandy, 2nd. rate.

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

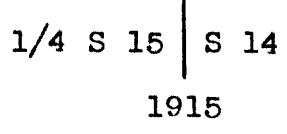
N. 0° 1' W. bet. secs. 14 and 15.

Over gently rolling land.

19.80 Telephone line, bears E. and W.

22.40 Dry wash, 60 lks. wide, course W.

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

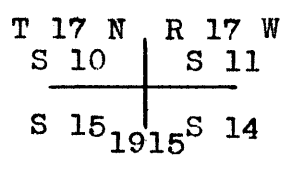


and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor., asc.

49.80 Top of hill, bears NE. and SW., 67 ft. above 1/4 sec. cor., desc.

76.13 Enter dry wash, course SW., 80 ft. below top of hill.

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, with a brass cap, marked



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

Land, level and rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, cacti, ocotillo and cat
claw.

N. 89° 55' E. on a random line bet. secs. 11 and 14.

40.00 Set temp. 1/4 sec. cor.

80.04 Intersect N. and S. line 5 lks. N. of the cor. of secs.
11, 12, 13 and 14.

S. 89° 57' W. on a true line bet. secs. 11 and 14.

Over level land.

40.02 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, 1½ ft. high,

N. of cor.

70.00 Enter dry wash, course SW.

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

Land slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

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

N. 0° 1' W. bet. secs. 10 and 11.

Over slightly rolling land.

6.75 Road, Yucca to Copperville, bears E. and W.

10.57 Leave dry wash, course SW.

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

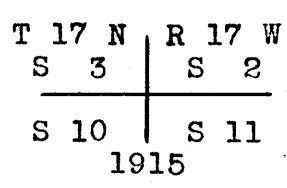
and raise a mound of stone, 2 ft. base, 1½ ft. high,

W. of cor.

76.00 Dry wash, 1 ch. wide, course S. 80° W.

Chains

80.00 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, with a brass cap, marked



dig pits, 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, nearly level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, cacti, ocotillo and cat claw.

N. 89° 57' E. on a random line bet. secs. 2 and 11.

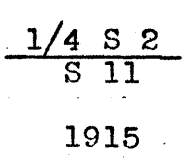
40.00 Set temp. 1/4 sec. cor.

80.08 Intersect N. and S. line 10 lks. S. of the cor. of secs. 1, 2, 11 and 12.

S. 89° 53' W. on a true line bet. secs. 2 and 11.

Over level land.

40.04 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



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

63.18 Dry wash, 1 ch. wide, course S. 80° W.

80.08 Cor. of secs. 2, 3, 10 and 11.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

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

Chains N. 0° 1' W. on a random line bet. secs. 2 and 3.

40.00 Set temp. 1/4 sec. cor.

79.56 Intersect the N. bdy. of the twp. 30 lks. W. of the cor. of secs. 2, 3, 34 and 35, described in Book "B."

S. 0° 12' W. on a true line bet. secs. 2 and 3.

Over level land.

11.56 Dry wash, 2 chs. wide, course S. 70° W.

39.56 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 3 | S 2
1915

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

79.56 Cor. of secs. 2, 3, 10 and 11.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, cacti and rabbit brush.

Some scattering grass.

From the standard S. cor. of secs. 33 and 34, on S. bdy. of Tp. (4th. Std. Par. N.) described in Book "A,"

N. 0° 2' W. bet. secs. 33 and 34.

Over level land.

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 33 | S 34
1915

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

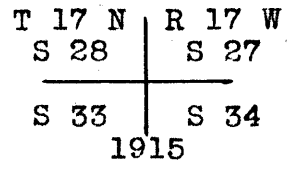
56.00 Dry wash, 30 lks. wide, course S. 70° W.

75.60 Dry wash, 40 lks. wide, course S. 80° E.

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, with a brass cap, marked

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

Chains



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

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, ocotillo, cacti, and cat
claw., some grass.

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

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

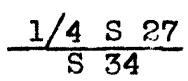
80.10 Intersect N. and S. line 4 lks. N. of the cor. of secs.
26, 27, 34 and 35.

N. $89^{\circ} 58'$ W. on a true line bet. secs. 27 and 34.

Over level land.

37.70 Signal-Yucca road, bears NW. and SE.

40.05 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



1915

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

41.30 Telephone line bet. Yucca and Signal, bears NW. and SE.

50.85 Enter wash, 50 lks. wide, course W.

70.00 Leave dry wash, course S. 80° W.

80.10 Cor. of secs. 27, 28, 33 and 34.

Land, level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, ocotillo, yucca, cacti and cat
claw., some little grass.

- Chains N. 0° 2' W. bet. secs. 27 and 28.
Over slightly rolling land.
- 9.00 Dry wash, 30 lks. wide, course S. 80° W.
- 16.70 Old road bet. Copper camp and Needles, bears N. 70° E.
and S. 70° W.
- 28.90 Dry wash, 25 lks. wide, course S. 70° W.
- 29.52 Telephone line, bears NW. and SE.
- 29.80 Yucca-Signal road, bears NW. and SE.
- 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 28	S 27
1915	

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.
dist., and raise a mound of earth, 3½ ft. base, 1½ ft.
high, W. of cor.
- 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, with a
brass cap, marked

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

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, slightly rolling.
Soil, sandy and gravelly, 2nd. rate.
Undergrowth, greasewood, yucca, ocotillo, cacti and cat
claw.
-
- S. 89° 58' E. on a random line bet. secs. 22 and 27.
- 40.00 Set temp. 1/4 sec. cor.
- 80.10 Intersect N. and S. line 7 lks. N. of the cor. of secs.
22, 23, 26 and 27.
N. 89° 55' W. on a true line bet. secs. 22 and 27.
Over rolling land.
- 13.28 Old road bet. Copper camp and Needles, bears NE. and SW.,
asc.

Chains

25.47 Top of hill, bears N. and SE., 150 ft. above road, desc.

40.05 200 ft. below top of hill, 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

$$\frac{1/4 \text{ S } 22}{\text{S } 27}$$
 1915

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

62.00 Begin to asc.

66.84 Top of hill, bears N. 10 chs. and S. 1 ch., 63 ft. high, desc.

70.60 Foot of hill, 100 ft. below top.

80.10 Cor. of secs. 21, 22, 27 and 28.

Land, rolling.

Soil, gravelly and stony, 2nd. rate.

Undergrowth, greasewood, yucca, ocotillo, cacti and cat claw.

N. 0° 2' W. bet. secs. 21 and 22.

Over level land.

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

$$\frac{1/4 \text{ S } 21 \quad | \quad \text{S } 22}{1915}$$

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

42.60 Old road, bears NE. and SW.

47.25 Enter dry wash, course S. 80° W.

54.00 Leave dry wash.

79.50 Dry wash, 60 lks. wide, course S. 70° W.

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, with a brass cap, marked

Chains

T 17 N	R 17 W
S 16	S 15
S 21	S 22
1915	

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

Land, nearly level.

Soil, sandy and gravelly, 2nd. rate.

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

S. $89^{\circ} 55'$ E. on a random line bet. secs. 15 and 22.

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

80.26 Intersect N. and S. line 9 lks. S. of the cor. of secs.
14, 15, 22 and 23.

N. $89^{\circ} 59'$ W. on a true line bet. secs. 15 and 22.

Over gently rolling land.

40.13 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

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

1915

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft.

dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.

high, N. of cor.

79.76 Wash, course S. 70° W.

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

Land, slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

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

N. $0^{\circ} 2'$ W. bet. secs. 15 and 16.

Over nearly level land.

23.60 Dry wash, 50 lks. wide, course S. 80° 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

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

1915

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

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

41.80 Telephone line, bears N. 70° W. and S. 70° E.

43.80 Enter Mackenzie wash, course SW.

58.74 Leave wash.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for cor. of secs. 9, 10, 15 and 16, with a brass cap, marked

T 17 N	R 17 W
S 9	S 10
S 16	S 15
1915	

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

Land, nearly level.

Soil, sandy and gravelly, 2nd. rate.

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

S. 89° 59' E. on a random line bet. secs. 10 and 15.

40.00 Set temp. 1/4 sec. cor.

80.30 Intersect N. and S. line, 12 lks. N. of the cor. of secs. 10, 11, 14 and 15.

N. 89° 54' W. on a true line bet. secs. 10 and 15.

Over level land, in Mackenzie Wash.

27.30 Leave Mackenzie wash, course SW.

40.15 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

$\frac{1}{4}$ S 10	
S 15	
1915	

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

80.30 Cor. of secs. 9, 10, 15 and 16.

Land, level and slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, cacti, ocotillo and cat claw.

Chains N. 0° 2' W. bet. secs. 9 and 10.
 Over gently rolling land.

9.00 Dry wash, 40 lks. wide, course SW.

18.15 Road bet. Yucca, Copperville and Cedar, bears E. and W.

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, 1 1/2 ft. high, W. of cor.

68.40 Dry wash, 60 lks. wide, course SW.

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, with a brass cap, marked

T 17 N		R 17 W
S 4		S 3

S 9		S 10
1915		

dig pits, 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, gently rolling.
 Soil, sandy and gravelly, 2nd. rate.
 Undergrowth, greasewood, cacti, yucca, cat claw and rabbit brush.

S. 89° 54' E. on a random line bet. secs. 3 and 10.

40.00 Set temp. 1/4 sec. cor.

80.30 Intersect N. and S. line 7 lks. N. of the cor. of secs. 2, 3, 10 and 11.

N. 89° 51' W. on a true line bet. secs. 3 and 10.
 Over level land.

40.15 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 3		S 10
1915		

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft.

Chains dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.30 Cor. of secs. 3, 4, 9 and 10.

Land, level.

Soil, sandy, 2nd. rate.

Undergrowth, greasewood, yucca, cacti and rabbit brush.

Some little grass.

N. 0° 12' E. on a random line bet. secs. 3 and 4.

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

79.51 Intersect the N. bdy. of the twp. 18 lks. W. of the cor. of secs. 3, 4, 33 and 34, described in Book "B."

S. 0° 20' W. on a true line bet. secs. 3 and 4.

Over level land.

23.80 Dry wash, 40 lks. wide, course S. 80° W.

39.51 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 4 | S 3
 1915

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.

dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

79.51 Cor. of secs. 3, 4, 9 and 10.

Land, level.

Soil, sandy, 2nd. rate.

Undergrowth, greasewood, yucca, cacti and some scattering grass.

From the standard cor. of secs. 32 and 33, on S. bdy. of

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

N. 0° 2' W. bet. secs. 32 and 33.

Over level land.

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 32 | S 33
 1915

- Chains and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 55.00 Dry wash, 25 lks. wide, course SW.
- 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, with a brass cap, marked
- | | |
|--------|--------|
| T 17 N | R 17 W |
| S 29 | S 28 |
| S 32 | S 33 |
| 1915 | |
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- Land, level.
- Soil, sandy and gravelly, 2nd. rate.
- Undergrowth, greasewood, yucca, ocotillo, cat claw and cacti.
-
- East on a random line bet. secs. 28 and 33.
- 40.00 Set temp. $1/4$ sec. cor.
- 80.20 Intersect N. and S. line 4 lks. N. of the cor. of secs. 27, 28, 33 and 34.
- N. $89^{\circ} 58'$ W. on a true line bet. secs. 28 and 33.
- Over level land.
- 40.10 Dry wash, 30 lks. wide, course S. 80° W.
- 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 28 | |
| S 33 | |
| 1915 | |
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 45.95 Old road, bears N. and S.
- 80.20 Cor. of secs. 28, 29, 32 and 33.
- Land, level.
- Soil, sandy, 2nd. rate.
- Undergrowth, greasewood, yucca, cacti, ocotillo and cat claw.

Chains N. 0° 2' W. bet. secs. 28 and 29.
 Over slightly rolling land.

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 29		S 28
1915		

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

80.00 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, with a brass cap, marked

T 17 N		R 17 W
S 20		S 21

S 29		S 28
1915		

dig pits, 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, slightly rolling.
 Soil, sandy and gravelly, 2nd. rate.
 Undergrowth, cacti, greasewood and yucca palm.

S. 89° 58' E. on a random line bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

80.24 Intersect N. and S. line 2 lks. N. of the cor. of secs. 21, 22, 27 and 28.

N. 89° 57' W. on a true line bet. secs. 21 and 28.
 Over slightly rolling land.

40.12 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 21		S 28

1915		

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

67.54 Road, Yucca to Signal, bears NW. and SE.

Chains

67.84 Telephone line bet. Yucca and Signal, bears NW. and SE.

80.24 Cor. of secs. 20, 21, 28 and 29.

Land, slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

N. 0° 2' W. bet. secs. 20 and 21.

Over level land.

6.65 Road bet. Yucca and Signal, bears NW. and SE.

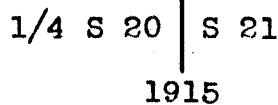
9.00 Old road bet. Copper camp and Needles, bears NE. and SW.

9.20 Telephone line bet. Yucca and Signal, bears NW. and SE.

10.00 Enter dry wash, course SW.

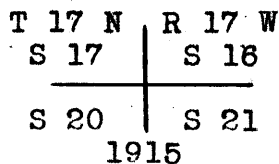
15.00 Leave dry wash.

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.

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. 16, 17, 20 and 21, with a brass cap, marked



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

Land, slightly rolling and level.

Soil, sandy and gravelly, 2nd. rate.

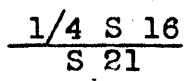
Undergrowth, greasewood, yucca, cacti, ocotillo and rabbit brush.

40.00 S. 89° 57' E. on a random line bet. secs. 16 and 21. Set temp. 1/4 sec. cor.

Chains

80.12 Intersect N. and S. line 24 lks. S. of the cor. of secs. 15, 16, 21 and 22.
 S. 89° 52' W. on a true line bet. secs. 16 and 21.
 Over slightly rolling land.

40.06 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.

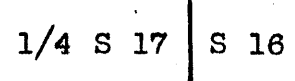
80.12 Cor. of secs. 16, 17, 20 and 21.
 Land, slightly rolling.
 Soil, sandy and gravelly, 2nd. rate.
 Undergrowth, greasewood, yucca, cacti, ocotillo, cat claw and rabbit brush.

N. 0° 2' W. bet. secs. 16 and 17.
 Over gently rolling land.

25.00 Enter Mackenzie wash, course S. 80° W.

36.77 Leave wash.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bed rock, in a mound of stone, for 1/4 sec. cor., with a brass cap, marked

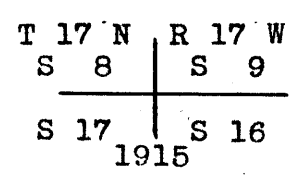


1915

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

64.09 Telephone line, bears N. 70° W. and S. 70° E.

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, with a brass cap, marked



1915

Chains	and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, slightly rolling. Soil, sandy and gravelly, 2nd. rate. Undergrowth, greasewood, yucca, cacti, ocotillo, cat claw and rabbit brush.
	N. $89^{\circ} 52'$ E. on a random line bet. secs. 9 and 16.
40.00	Set temp. $1/4$ sec. cor.
80.14	Intersect N. and S. line 2 lks. S. of the cor. of secs. 9, 10, 15 and 16. S. $89^{\circ} 51'$ W. on a true line bet. secs. 9 and 16. Over rolling land.
35.44	Foot of hill, asc.
40.07	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, $1\frac{1}{2}$ ft. high, N. of cor.
43.20	Top of hill, bears N. and S., 148 ft. above foot-, desc.
55.15	Foot of hill, 216 ft. below top, thence over level land.
80.14	Cor. of secs. 8, 9, 16 and 17. Land, level and rolling. Soil, gravelly and stony and sandy, 2nd. and 3rd. rate. Undergrowth, greasewood, yucca, cact ϕ , ocotillo and rabbit brush.
	N. $0^{\circ} 2'$ W. bet. secs. 8 and 9. Over gently rolling land.
10.00	Dry wash, 1 ch. wide, course S. 70° W.
24.05	Road bet. Yucca and Copperville, bears N. 80° E. and S. 80° W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in

Chains

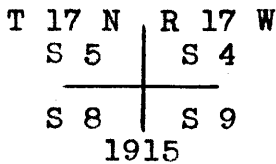
the ground for 1/4 sec. cor., with a brass cap, marked



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

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, with a brass cap, marked



dig pits, 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, gently rolling.

Soil, gravelly, 2nd. rate.

Undergrowth, greasewood, yucca, cacti and rabbit brush.

N. 89° 51' E. on a random line bet. secs. 4 and 9.

40.00

Set temp. 1/4 sec. cor.

79.94

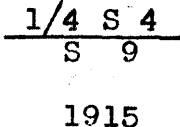
Intersect N. and S. line 2 lks. S. of the cor. of secs. 3, 4, 9 and 10.

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

Over level land.

39.97

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



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

79.94

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

Land, level

Soil, sandy, 1st. rate.

Undergrowth, greasewood, yucca, cacti, rabbit brush and some scattering grass.

Chains N. 0° 20' E. on a random line bet. secs. 4 and 5.
 40.00 Set temp. 1/4 sec. cor.
 79.63 Intersect the N. bdy. of the twp. 16 lks. E. of the cor.
 of secs. 4, 5, 32 and 33, described in Book "B."
 S. 0° 13' W. on a true line bet. secs. 4 and 5.
 Over level land.
 39.63 Dry wash, 20 lks. wide, course W.
 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

$$\begin{array}{c} 1/4 \text{ S } 5 \quad | \quad \text{S } 4 \\ \hline 1915 \end{array}$$

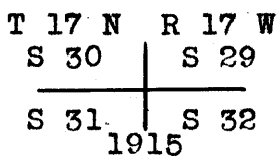
 dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.
 dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft.
 high, W. of cor.
 79.63 Cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, sandy, 1st. rate.
 Undergrowth, greasewood, yucca, rabbit brush and some
 scattering grass.

 From the standard. cor. of secs. 31 and 32, on S. bdy.
 of Tp. (4th. Standard Par. N.) described in Book "A,"
 N. 0° 3' W. bet. secs. 31 and 32.
 Over slightly rolling land.

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

$$\begin{array}{c} 1/4 \text{ S } 31 \quad | \quad \text{S } 32 \\ \hline 1915 \end{array}$$

 and dig pits, 18 X 18 X 12 ins. N. and S. of post, 3
 ft. dist., and raise a mound of earth, 3 1/2 ft. base,
 1 1/2 ft. high, W. of cor.
 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, with a
 brass cap, marked



Chains and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor. \dots
 Land, slightly rolling.
 Soil, sandy and gravelly, 2nd. rate.
 Undergrowth, greasewood, yucca palm and cacti.

East on a random line bet. secs. 29 and 32.
 40.00 Set temp. $1/4$ sec. cor.
 79.80 Intersect N. and S. line 23 lks. S. of the cor. of secs.
 28, 29, 32 and 33.
 S. $89^{\circ} 50'$ W. on a true line bet. secs. 29 and 32.
 Over slightly rolling land.
 39.90 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

$$\frac{1/4 \text{ S } 29}{\text{S } 32}$$

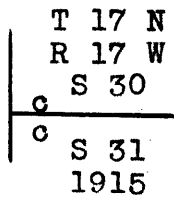
 1915
 dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft.
 dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high, N. of cor.
 79.80 Cor. of secs. 29, 30, 31 and 32.
 Land, slightly rolling.
 Soil, sandy and gravelly, 2nd. rate.
 Undergrowth, cacti, greasewood and yucca palm.

West, on a true line, bet. secs. 30 and 31.
 Over slightly rolling land.
 14.10 Dry wash, 60 lks. wide, course SW.
 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

$$\frac{1/4 \text{ S } 30}{\text{S } 31}$$

 1915
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 51.00 Enter dry wash, course S. 60° W.
 57.00 Leave dry wash.

Chains
 80.00 Enter dry wash, about 20 chs. wide, course W.
 115.30 Yucca-Needles road, bears N. and S.
 138.00 Leave wide dry wash, course S. 85° W.
 139.90 Intersect E. bdy. of T. 17 N., R. 18 W., 18 chs. S. 0° 8' W. of reestab-
 lished cor. of secs. 25 & 36, desc. in Book "B". At pt. of in-
 tersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground for closing cor. of secs. 30 and 31, with a
 brass cap, marked



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

Land, slightly rolling.

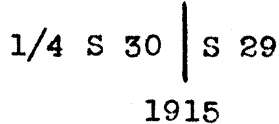
Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

N. 0° 3' W. bet. secs. 29 and 30.

Over slightly rolling land.

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



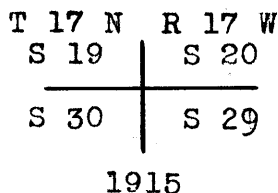
dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.

dist., and raise a mound of earth, 3½ ft. base, 1½ ft.
 high, W. of cor.

45.00 Dry wash, 2 chs. wide, course S. 80° W.

75.00 Dry wash, 3 chs. wide, course S. 80° W.

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, with a
 brass cap, marked



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

Land, slightly rolling.

Soil, gravelly and stony, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

N. 89° 50' E. on a random line bet. secs. 20 and 29.

40.00 Set temp. 1/4 sec. cor.

79.84 Intersect N. and S. line 14 lks. N. of the cor. of secs.
20, 21, 28 and 29.

S. 89° 56' E. on a true line bet. secs. 20 and 29.

Over gently rolling land.

27.04 Dry wash, 2 chs. wide, course S. 60° W.

39.92 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

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

1915

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

74.84 Dry wash, 2 chs. wide, course S. 60° W.

79.84 Cor. of secs. 19, 20, 29 and 30.

Land, slightly rolling.

Soil, gravelly and sandy, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

West, on a true line, bet. secs. 19 and 30.

Over gently rolling land.

10.00 Dry wash, 2 chs. wide, course SW.

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

$$\frac{1/4 \text{ S } 19}{\text{S } 30}$$

1915

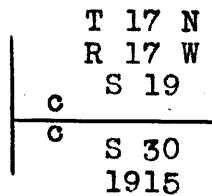
and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.

50.00 Dry wash, 50 lks. wide, course SW.

Chains

124.70 Yucca-Needles road, bears N. and S.

139.60 Intersect E. bdy. of T. 17 N., R. 18 W., 18.10 chs. S. 0° 7' W. of the reestablished cor. of secs. 24 and 25, described in Book "B." At point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 19 and 30, with a brass cap, marked



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

Land, gently rolling.

Soil, sandy and gravelly, 2nd. rate.

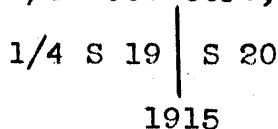
Undergrowth, cacti, greasewood and yucca palm.

N. 0° 3' W. bet. secs. 19 and 20.

Over slightly rolling land.

3.40 Dry wash, 2 chs. wide, course SW.

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, 1½ ft. high, W. of cor.

40.50 Dry wash, 60 lks. wide, course S. 60° W.

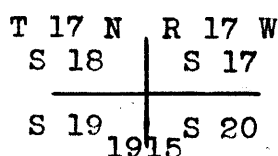
60.00 Dry wash, 2 chs. wide, course W.

69.10 Telephone line bet. Yucca and Signal, bears NW. and SE.

73.80 Enter Mackenzie wash, course W.

74.60 Yucca-Signal road, bears NW. and SE.

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, with a brass cap, marked



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

Chains

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

Land, nearly level.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

N. 89° 56' E. on a random line bet. secs. 17 and 20.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N. and S. line 10 lks. S. of the cor. of secs.
16, 17, 20 and 21.

S. 89° 52' W. on a true line bet. secs. 17 and 20.

Over slightly rolling land.

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 17
S 20

1915

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

50.00 Enter Mackenzie wash, course S. 80° W.

80.00 Cor. of secs. 17, 18, 19 and 20.

Land, slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

West, on a true line, bet. secs. 18 and 19.

Over level wash land, in Mackenzie wash.

1.10 Yucca-Signal road, bears NE. and SW.

5.00 Leave Mackenzie wash.

14.80 Yucca-Signal telephone line, bears NW. and SE.

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 18
S 19

1915

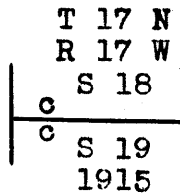
and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.

Chains

123.00 Road, bears S. 60° W. and N. 60° E.

139.31 Intersect E. bdy. of T. 17 N., R. 18 W., 17.88 chs. S. 0° 5' W. of the reestablished cor. of secs. 13 and 24, described in Book "B." At point of intersection,

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 18 and 19, with a brass cap, marked



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

Land, level and slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

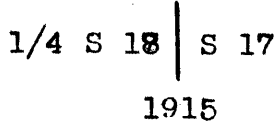
N. 0° 3' W. bet. secs. 17 and 18.

Over slightly rolling land.

2.40 Bend in Yucca-Signal road, bears NW. and SW.

5.00 Leave Mackenzie wash, course S. 80° W.

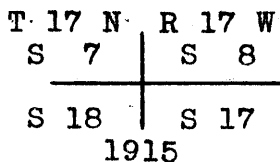
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 24 ins. in the ground for ¼ sec. cor., with a brass cap, marked



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

68.40 Dry wash, 60 lks. wide, course W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 18 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



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

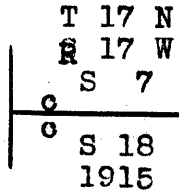
Land, slightly rolling.

Chains	Soil, sandy and gravelly, 2nd. rate. Undergrowth, cacti, greasewood and yucca palm.
<hr/>	
	N. 89° 52' E. on a random line bet. secs. 8 and 17.
40.00	Set temp. 1/4 sec. cor.
80.15	Intersect N. and S. line 12 lks. N. of the cor. of secs. 8, 9, 16 and 17.
	S. 89° 57' W. on a true line bet. secs. 8 and 17. Over slightly rolling land.
40.07 1/2	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
	$\frac{1/4 \text{ S } 8}{\text{S } 17}$
	1915
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
57.85	Cedar-Yucca telephone line, bears N. 80° W. and S. 80° E.
75.15	Dry wash, 1 ch. wide, course S.
80.15	Cor. of secs. 7, 8, 17 and 18. Land, slightly rolling. Soil, stony, 3rd. rate. Undergrowth, greasewood, yucca palm and cacti.
<hr/>	
	West, on a true line, bet. secs. 7 and 18. Over slightly rolling land.
40.00	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
	$\frac{1/4 \text{ S } 7}{\text{S } 18}$
	1915
	and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
93.50	Road, bears N. 80° E. and S. 80° W., bet. Copperville and Yucca.
113.00	Yucca-Signal road, bears NW. and SE.
119.70	Yucca-Signal telephone line, bears NW. and SE.

Chains

139.02

Intersect E. bdy. of T. 17 N., R. 18 W., 18.05 chs. S. 0° 2' W. of the cor. of secs. 12 and 13, described in Book "B." At point of intersection, Set an iron post, 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bed rock, in a mound of stone, for closing cor. of secs. 7 and 18, with a brass cap, marked



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

Land, slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

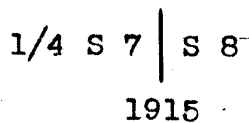
N. 0° 3' W. bet. secs. 7 and 8.

Over slightly rolling land.

6.50 Yucca-Cedar telephone line, bears N. 80° W. and S. 80° E.

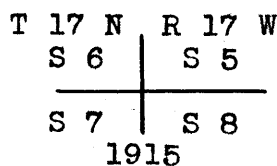
14.64 Copperville-Yucca road, bears E. and W.

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



dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

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, 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.

Chains

Land, slightly rolling.
Soil, sandy and gravelly, 2nd. rate.
Undergrowth, cacti, greasewood and yucca palm.

N. 89° 57' E. on a random line bet. secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

80.22 Intersect cor. of secs. 4, 5, 8 and 9.

S. 89° 57' W. on a true line bet. secs. 5 and 8.

Over level land.

40.11 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

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

1915

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

80.22 Cor. of secs. 5, 6, 7 and 8.

Land, level.

Soil, sandy, 2nd. rate.

Undergrowth, cacti, greasewood and Yucca palm.

West on a true line, bet. secs. 6 and 7.

Over slightly rolling land.

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

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

1915

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

138.94 Intersect E. bdy. of T. 17 N., R. 17 W., 18.28 chs S. 0° 6' W. of reestab. cor. of secs. 6 and 7, described in Book "B." At pt. of intersection,

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for closing cor. of secs. 6 and 7, with a brass cap, marked

Chains

	T 17 N
	R 17 W
	S 6

	S 7
	1915

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

Land, slightly rolling.

Soil, sandy and gravelly, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

N. 0° 13' E. on a random line bet. secs. 5 and 6.

40.00 Set temp. 1/4 sec. cor.

79.90 Intersect the N. bdy. of the twp. 5 lks. W. of the cor. of secs. 5, 6, 31 and 32, described in Book "B."

S. 0° 15' W. on a true line bet. secs. 5 and 6.

Over level land.

39.90 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 6		S 5
		1915

dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.

40.90 Dry wash, 40 lks. wide, course W.

79.90 Cor. of secs. 5, 6, 7 and 8.

Land, level.

Soil, sandy, 2nd. rate.

Undergrowth, cacti, greasewood and yucca palm.

GENERAL DESCRIPTION.

This township lays on the west side of the Hualpai range of mountains and in the Sacramento valley. The mountains enter the township in sec. 1 and there are several rocky buttes within the boundaries. Most of the land is gently rolling desert with sandy top soil which is for the most part stony. The drainage is all westerly,

and there is no water within the township available for live stock or domestic use, which probably accounts for the good quality of grazing.

There are no surface indications of mineral, but during a recent oil excitement most of the area within the township was located under the placer law. I found no evidence of any assessment work being done.

The Old Trails-Ocean to Ocean National Highway enters the township on the west boundary and runs out on the south, keeping within the west tier of sections. Two other good roads traverse the township, coming from the town of Yucca, one crossing easterly to Copperville and the other southeasterly to Signal. There is apparently no water for irrigation available, except that it might be developed by deep wells.

FINAL OATH OF UNITED STATES SURVEYOR.

BOOK 3119

I, _____, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for _____ bearing date of the _____ day of _____, 191 _____, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

_____ of the _____ Meridian, in the State of _____, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said _____, and sworn to before me }
this _____ day of _____, 191 _____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Phoenix, Arizona, November 22, 1918

The foregoing field notes of the survey of the _____

SUBDIVISION LINES OF

TOWNSHIP 17 NORTH, RANGE 17 WEST,

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, under his special instructions dated January 7, 1915, for Group 46, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank P. Smith
U. S. Surveyor General.
of Arizona.

~~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.~~