

245

3131

NOV 21 1916

(1)

Book "R"
4-679

(Subdivisions)

BOOK 3131

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION LINES

OF

TOWNSHIP 20 NORTH, RANGE 15 WEST.

3131

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Albert Smith, Jr., U.S. Surveyor.

and

Ray D. Armstrong & William L. Nash, U.S. Transitmen,

~~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 21, 1916.

Survey completed June 24, 1916.

Executed under Assignment
Instructions dated Jan. 28, 1915 and Nov. 6, 1915.

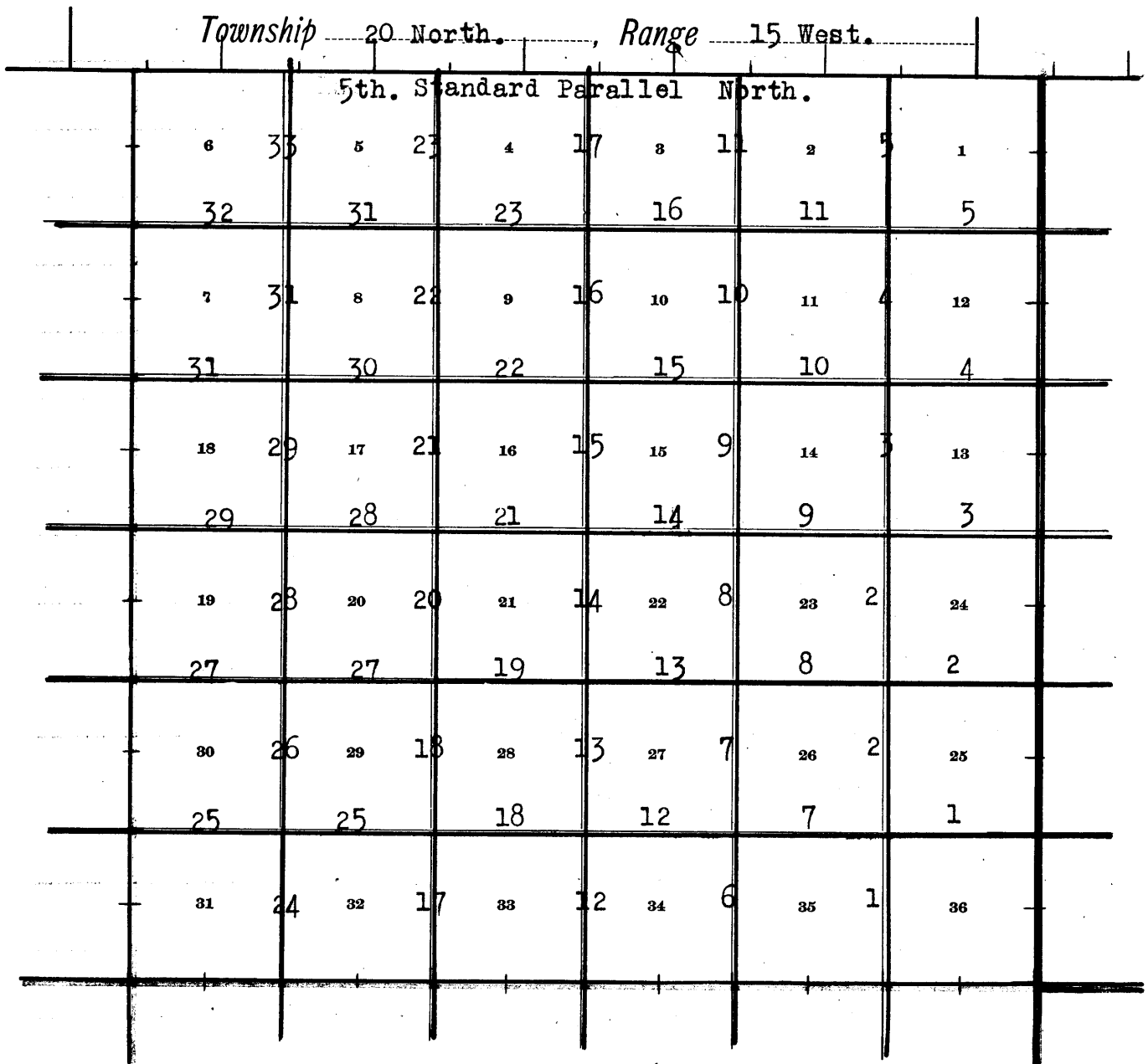
3131

3131
Book "R."

(Subdivisions)
Group 46-Arizona.

BOOK 3131

INDEX DIAGRAM.



————— Subdivision lines surveyed under this Group.

————— Township boundaries surveyed under this Group.
Notes in Book "B." 3115

————— Township boundaries resurveyed under this Group.
Notes in Book "B." 3115

————— Accepted surveys.

Subdivision of Township 20 North Range 15 West.

13

Chains. Survey executed on dates shown on diagram on page 35 of this book, by Albert Smith, Jr., U.S. Surveyor, and Ray D. Armstrong and William L. Nash, U.S. Transitmen, Smith and Nash using transit No. 8583, and Armstrong using transit No. 8396, both of which instruments are described with record of approval and field tests in Book "Q." The adjustments were frequently examined and maintained throughout the survey by comparison of the results of solar observations with the true meridian as determined by observations on Polaris.

The magnetic declination in this township is 14°45'E.

From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp., described in Book "B,"

N. 0°01'W., bet. secs. 35 and 36, over mountainous land, through dense undergrowth; along broken E. slope.

9.30 Spur ridge, brs. E. and W. Descend on N. slope.

14.80 Ravine, course E. Ascend on SE. slope.

16.80 Spur slopes E. Descend on N. slope.

22.50 Stream, 4 lks. wide, course N. 20°E. for 12 chs., and thence S. 60°E. Ascend on broken SE. slope.

36.00 Thence along broken E. slope.

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

S35 | S36
1916

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

40.60 Ravine, course E. Ascend 320 ft.

51.30 Descend 100 ft.

53.90 Ravine, course E. Ascend 180 ft. on SE. slope.

60.70 Spur slopes E. Descend 60 ft., on NE. slope.

66.00 Ravine, course E. Ascend 315 ft., on SE. slope.

74.80 Ridge, brs. NE. and SW. Descend 100 ft. on NE. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, surrounded by a mound of stone, for cor. of secs. 25, 26, 35 and 36, with brass cap, marked

T20N R15W
S26 | S25
S35 | S36
1916

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

Land, rough, mountainous.

Soil, rocky, 3rd and 4th rate. Timber, pinon.

Undergrowth, oak, mahogany, manzanita and catclaw.

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

40.00 Set temp. 1/4 sec. cor.

80.46 Intersect E. bdy. of Tp., 18 lks. N. of reestablished cor. of secs. 25, 30, 31 and 36, described in Book "B."

Thence N. 89°52'W., on a true line, bet. secs. 25 and 36.

Over mountainous land, through dense undergrowth. Asc. 60 ft.

3.50 Spur, slopes NE. Descend 40 ft. to

6.00 Ravine, course NE. Ascend 150 ft., on broken E. slope.

15.70 Spur, slopes N. Descend 50 ft.

21.65 Ravine, course NE. Ascend on NE. slope.

26.65 Road brs. NE. to Kingman and SW.

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

S 25

S 36
1916

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

47.00 Ravine, course NE. Continue ascent.

80.46 800 ft. above ravine at 21.65 chain point.

The cor. of secs. 25, 26, 35 and 36.

Land, mountainous. Soil, rocky, 4th rate.

2. Subdivision of Township 20 North, Range 15 West.

Chains.

No timber. Undergrowth, manzanita, mahogany and oak.

N.0°01'W., bet. secs. 25 and 26.
Over mountainous land, through dense undergrowth, along E. slope.

- 4.00 Ridge, brs. E. and W. Descend.
- 12.25 Spur, slopes NE. Continue descent.
- 25.60 Spur, slopes E. Descend.
- 29.30 Ravine, 465 ft. below 4.00 ch. point, course NE. Asc. 60 ft. on SE. slope.
- 33.20 Spur, slopes E. Desc. on NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 8 ins. in the ground, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor. with brass cap, marked

S26 | S25
1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set post farther in the ground.

- 40.20 Spur, slopes NE. Descend on N. slope.
- 49.65 Stream, 320 ft. below 33.20 ch. pt. 4 lks. wide, course E, Asc. 375 ft., on SE. slope.
- 65.65 Ridge, brs. E. and W. Desc. 175 ft., on N. slope.
- 72.30 Ravine, course SE. Asc. 90 ft., on SE. slope.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, surrounded by a mound of stone, for cor. of secs. 23, 24, 25 and 26, with brass cap, marked

T20N R15W
S23 | S24
S26 | S25
1916

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

Soil, rocky; 3rd and 4th rate.
No timber. Undergrowth, oak, mahogany and manzanita.

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

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.40 Intersect E bdy. of Tp., 5 lks. N. of reestab. cor. of secs. 19, 24, 25 and 30, described in Book "B."

Thence N. 89°58'W., on a true line, bet. secs. 24 and 25.
Over mountainous land, through dense undergrowth.
Descend 50 ft. on W. slope.

- 3.35 Road from Kingman to Moss Wash, brs. N. and S.
- 4.40 Ravine, course S. Ascend 400 ft. on E. slope.
- 29.10 Ridge, brs. N. and S. Descend on W. slope.
- 40.20 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 24
1/4-----
S 25
1916

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

- 42.43 Ravine, 270 ft. below ridge, course S.
- 43.15 Mine road brs. N. and S. Asc. 250 ft. on E. slope.
- 60.80 Spur, slopes S. Descend 275 ft. on SW. slope.
- 74.80 Ravine, course SE. Asc. 35 ft. on broken SE. slope.
- 77.85 Spur, slopes S. Desc. 25 ft., on SE. slope.
- 80.40 The cor. of secs. 23, 24, 25 and 26.

Land, mountainous.
Soil, 3rd and 4th rate. No timber.
Undergrowth, oak, mahogany, crucifixion thorn & manzanita.

N.0°01'W., bet. secs. 23 and 24.
Over mountainous land, through dense undergrowth.
Ascend 390 ft. on S. slope.

- 17.10 Ridge, brs. E. and W.
- 23.65 Spur 85 ft. above ridge, extends NE. Descend 165 ft. on

Subdivision of Township 20 North Range 15 West. 3.

| Chains. | |
|---------|--|
| | N. slope. |
| 28.00 | Thence along E. slope. |
| 34.30 | Spur, slopes NE. Descend 200 ft. on N. slope. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, to bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked |
| | $\begin{array}{c} \uparrow \\ S23 S24 \\ 1916 \end{array}$ |
| | and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 40.05 | Spring branch, 1 lk. wide, course SE. Ascend 130 ft. on SE. slope. |
| 44.00 | Summit of ascent. |
| 49.33 | Ravine, course SE. Asc. 730 ft., on S. slope. |
| 74.43 | Ridge, brs. E. and W. Desc. 190 ft., on N. slope. |
| 80.00 | Set an iron post 3 ft. long, 2 ins. in diam., 10 ins. in the ground, to bed rock, for cor. of secs. 13, 14, 23 and 24, with brass cap, marked |
| | $\begin{array}{c} T20N R15W \\ S14 S13 \\ \hline S23 S24 \\ 1916 \end{array}$ |
| | and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| | Land, mountainous. Soil, 4th rate. No timber. Undergrowth, oak, mahogany, crucifixion thorn, pinon and manzanita. |
| ----- | |
| | East, on a random line, bet. secs. 13 and 24. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 80.20 | Intersect E bdy. of Tp., 23 lks. S. of reestab. cor. of secs. 13, 18, 19 and 24, described in Book "B." |
| | Thence S $89^{\circ} 50' W.$, on a true line, bet. secs. 13 and 24. Over mountainous land, through dense undergrowth. |
| 1.70 | Hoist house of Telluride Chief Mine bears S., 1 ch. dist. Asc. 155 ft., on SE. slope. |
| 11.10 | Ridge, brs. NE. and SW. |
| 17.90 | Spur, slopes N. Desc. 120 ft., on NW. slope. |
| 25.90 | Ravine, course N. Ascend 85 ft. on NE. slope. |
| 33.70 | Ravine, course NE. Asc. on E. slope. |
| 40.10 | Set a granite stone, 14x8x6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to set iron post. |
| 46.70 | Spur, 350 ft. above ravine, slopes N. Desc. 180 ft., on NW. slope. |
| 51.30 | Ravine, course N. |
| 60.25 | Ravine, course N. Asc. 275 ft., on broken NE. slope. |
| 75.00 | Spur, slopes N. Desc. 110 ft., on NW. slope. |
| 80.20 | The cor. of secs. 13, 14, 23 and 24. Land, mountainous. Soil, 3rd and 4th rate. No timber. Undergrowth, oak, mahogany, manzanita and scattering pinon. |
| ----- | |
| | N. $0^{\circ} 01' W.$, bet. secs. 13 and 14. Over mountainous land, through dense undergrowth. Descend 110 ft., on NE. slope. |
| 7.80 | Ravine, course E. Asc. on SE. slope. |
| 14.80 | Spur, slopes E. Desc. 190 ft., on N. slope. |
| 19.35 | Ravine, course NE. Asc. 210 ft., on SE. slope. |
| 33.35 | Ridge, brs. E. and W. Desc. on N. slope. |
| 40.00 | Set a granite stone, 30x10x5 ins., 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable to set iron post or to set stone farther in the ground. |

4. Subdivision of Township 20 North, Range 15 West.

Chains.

52.60 Ravine, 365 ft. below ridge, course NE.
J.W. Guinn's cabin and mine tunnel bear E., 1 ch.dist.,
Thence along E. slope.

64.60 Desc. on N.slope.

70.80 McGary wash, course E. Asc. on S.slope.

72.50 Road brs. E. and W. Ascend 175 ft.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in
the ground, for cor. of secs. 11,12,13 and 14, with
brass cap, marked

T20N R15W
S11 | S12

S14 | S13
1916

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

Land, mountainous.

Soil, 3rd and 4th rate. No timber.

Undergrowth, oak, mahogany, crucifixion thorn and manzan-
ita.

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

40.00 Set temp. 1/4 sec. cor.

80.22 Intersect E. bdy. of Tp. 32 lks. S. of reestab. cor. of secs. 7, 12,
13 and 18, described in Book "B."

Thence S. 89° 46' W., on a true line, bet. secs. 12 and 13.

Over low rolling hills, through dense undergrowth.

9.70m Spur slopes NE.

15.20 Ravine, course NE.

20.20 Road brs. NE. and SW., from Kingman to Wheeler, Wash.

Thence along slight NE. slope.

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

S 12

S 13
1916

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

40.65 Ravine, course SE.

55.48 Ravine, course S.

62.40 Spur, slopes S. Thence along SE. slope, broken.

80.22 The cor. of secs. 11, 12, 13 and 14.

Land, rolling hills in E. part and rolling, mountainous in
W.

Soil, 3rd rate.

No timber.

Undergrowth, oak, manzanita, mahogany and crucifixion
thorn.

N. 0° 01' W., bet. secs. 11 and 12.

Over mountainous land, through dense undergrowth.

Ascend 90 ft., on S. slope.

3.75 Thence ascend 80 ft., on broken SE. slope.

10.60 Spur, slopes E. Descend 40 ft.

14.60 Head of ravine, course E. Ascend 100 ft.

21.40 Spur, slopes E. Desc. 165 ft., on NE. slope.

28.15 Ravine, course E.

33.70 Spur, slopes E. Descend 200 ft.

37.60 Ravine, course E.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in
the ground, to bed rock, for 1/4 sec. cor., with brass
cap, marked

S11 | S12

1916

Subdivision of T. 20 N., R. 15 W.

Chains

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

Thence along broken E. slope.

51.90 Ravine, course E. Asc. 60 ft., on SE. slope.

57.20 Ravine, course SE. Asc. 130 ft.

60.31 Ridge bears E. and W.

66.20 Spur slopes E. Desc. 145 ft.

74.06 Ravine, course E. Asc. 45 ft.

76.75 Spur slopes E. Desc. 80 ft.

79.40 Ravine, course E. Asc.

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

| | |
|------|------|
| T20N | R15W |
| S2 | S1 |
| S11 | S12 |

1916

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

Land, mountainous.

Soil, 3rd and 4th rate.

No timber.

Undergrowth, oak, mahogany, manzanita and crucifixion
thorn.

East, on a random line, bet. secs. 1 and 12.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect E. bdy. of Tp. 37 lks S. of reestab. cor. of secs.
1, 6, 7 and 12, described in book "B."

Thence S. 89° 44' W., on a true line, bet. secs. 1 and 12,
over mountainous land, through dense undergrowth.

1.50 Road from Kingman to Wheeler wash bears N. and S.

23.80 Spur slopes N. Desc.

25.00 Asc. 130 ft., on broken E. slope.

32.30 Spur slopes N. Desc. on W. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground to bed rock, surrounded by a mound of stone, for
1/4 sec. cor., with brass cap, marked

S 1

1/4 -----

S 12

1916

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

Thence along NW. slope.

50.60 Ravine, course NE. Asc. 370 ft., on SE. slope.

80.00 The cor. of secs. 1, 2, 11 and 12.

Land, mountainous.

Soil, 3rd rate.

No timber.

Undergrowth, oak, mahogany, manzanita and crucifixion
thorn.

N. 0° 01' W., on a true line, bet. secs. 1 and 2,
over mountainous land, through dense undergrowth.
Asc. 30 ft., on SE. slope.

5.60 Spur slopes SE. Desc. 250 ft., on broken NW. slope.

15.75 Ravine, course E. Asc. 60 ft., on SE. slope.

19.50 Summit. Desc. 60 ft.

25.45 Ravine, course E. Asc. on SE. slope.

30.75 Spur slopes E. Desc. on NW. slope.

30.75 Old Enterprise mill bears N. 77° E., 28 chs. dist.

6 Subdivision of T. 20 N., R. 15 W.

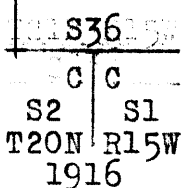
Chains

House bears N. $83\frac{1}{2}^{\circ}$ E., 33 chs. dist.
 House bears N. $86\frac{1}{2}^{\circ}$ E., 32 chs. dist.
 34.20 Ravine, course SE.
 40.00 On low ridge bearing E. and W.,
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

| | | | |
|--|------|----|--|
| | S2 | S1 | |
| | 1916 | | |

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Desc. on NW. slope.
 52.45 Tunnel bears W., 3 chs. dist.
 55.57 Ravine, 315 ft. below ridge, course SE. Asc. on SE. slope.
 59.35 Cabin bears W., 3 chs. dist.
 69.100 Spur, 160 ft. above ravine, slopes NE. Desc. 140 ft., on
 NE. slope.
 78.94 Intersect 5th St. Par. N. 8.93 chs. W. of the standard $\frac{1}{4}$
 sec. cor. on S. bdy. of sec. 36, which is a 1 in. iron
 post, marked, set and witnessed as described by the
 surveyor general.

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

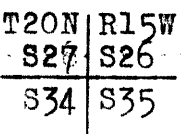


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 S. of cor.

Land, mountainous.
 Soil, rocky; 3rd and 4th rate.
 No timber.
 Undergrowth, oak, mahogany and manzanita.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp.
 described in book "B"

N. $0^{\circ}01'$ W., bet. secs. 34 and 35, over mountainous land,
 through dense undergrowth. Desc. 770 ft., on N. slope.
 36.82 Stream, 5 lks. wide, course E. Asc. on S. slope.
 40.00 Set a granite stone, 16x10x8 ins., 11 ins. in the ground,
 for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound
 of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No post available.
 49.75 Ravine, course SE. Asc. 335 ft.
 71.10 Rdige bears E. and W. Desc. on N. slope.
 75.35 Thence desc. on NE. slope.
 80.00 105 ft. below ridge,
 Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the
 ground, for cor. of secs. 26, 27, 34 and 35, with brass
 cap, marked



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

Land, mountainous.
 Soil, 3rd and 4th rate.
 No timber.
 Undergrowth, oak, mahogany and manzanita.

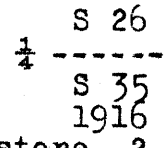
Subdivision of T. 20 N., R. 15 W.

Chains

East, on a random line, bet. secs. 26 and 35.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect N. and S. line 6 lks. S. of the cor. of secs.
 25, 26, 35 and 36.

Thence S. $89^{\circ}57'W.$, on a true line, bet. secs. 26 and 35,
 over mountainous land, through dense undergrowth and
 scattering timber. Asc. 215 ft., on SE. slope.

5.00 Ridge bears NE. and SW.
 13.65 Spur slopes N.
 18.00 Ravine, 300 ft. below ridge at 5 ch. pt., course N.
 Asc. 500 ft., on NE. slope.
 36.40 Ridge bears NW. and SE. Desc. on SW. slope.
 40.05 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground, to bed rock, surrounded by a mound of stone,
 for $\frac{1}{4}$ sec. cor., with brass cap, marked

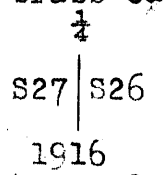


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 51.45 250 ft. below ridge. Asc. 200 ft., on SE. slope.
 61.50 Ridge bears NE. and SW. Desc. 220 ft., on NW. slope.
 74.60 Ravine, course N. Asc. 160 ft., on NE. slope.
 80.10 The cor. of secs. 26, 27, 34 and 35.

Land, mountainous.
 Soil, 3rd and 4th rate.
 Timber, pinyon.
 Undergrowth, oak, manzanita, mahogany and catclaw.

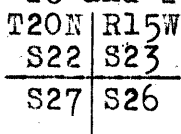
N. $0^{\circ}01'W.$, bet. secs. 26 and 27,
 over mountainous land, through scattering timber and
 dense undergrowth. Desc. 750 ft., on NE. slope.

32.55 Stream, 5 lks. wide, course E. Asc. on S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
 ground, to bed rock, surrounded by a mound of stone,
 for $\frac{1}{4}$ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 49.40 Ridge, 465 ft. above stream, bears E. and W. Desc. 400
 ft., on NE. slope.

73.25 Ravine, course SE. Asc. 30 ft., on SW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the
 ground, to bed rock, surrounded by a mound of stone, for
 cor. of secs. 22, 23, 26 and 27, with brass cap, marked



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

Land, mountainous.
 Soil, 3rd and 4th rate.
 Timber, pinyon.
 Undergrowth, oak, mahogany, manzanita and locust.

Chains

East, on a random line, bet. secs. 23 and 26.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.34 Intersect N. and S. line 15 lks. N. of the cor. of secs.
 23, 24, 25 and 26,
 Thence N. $89^{\circ}54'W.$, on a true line, bet. secs. 23 and 26,
 over mountainous land, through dense undergrowth.
 .83 Ravine, course S.
 9.65 Ravine, course S. Thence on broken SE. slope.
 20.65 Ravine, course SE. Thence on broken NE. slope.
 40.17 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
 ground, to bed rock, surrounded by a mound of stone,
 for $\frac{1}{4}$ sec. cor., with brass cap, marked
 S 23
 $\frac{1}{4}$ -----
 S 26
 1916
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
 46.80 Spur, 500 ft. above ravine, slopes SE. Asc. 100 ft., on
 SE. slope.
 60.20 Spur slopes S. Desc. 35 ft., on SW. slope.
 64.60 Ravine, course S. Asc. 115 ft., on SE. slope.
 69.50 Spur slopes S. Desc. 340 ft., on SW. slope.
 80.34 The cor. of secs. 22, 23, 26 and 27.

Land, mountainous.
 Soil, 3rd rate and 4th rate.
 Undergrowth, oak, mahogany and manzanita.
 No timber.

N. $0^{\circ}01'W.$, bet. secs. 22 and 23,
 over mountainous land, through dense undergrowth.
 Asc. 760 ft., on S. slope.
 25.25 Ridge bears E. and W. Desc. on NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$
 S22 | S23
 1916
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 45.00 Ft. of descent, 300 ft. below ridge. Asc.
 46.00 Spur slopes NE. Desc. 200 ft., to
 53.17 Ravine, course NE. Asc. 50 ft., to
 55.70 Spur slopes NE. Desc. 30 ft.
 58.20 Ravine, course NE. Asc. on SE. slope.
 70.30 Spur slopes SE. Thence along SE. slope.
 80.00 350 ft. above ravine,
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for cor. of secs. 14, 15, 22 and 23, with brass
 cap, marked

| | |
|------|------|
| T20N | R15W |
| S15 | S14 |
| S22 | S23 |

1916

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

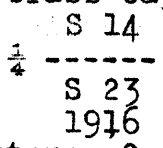
Land, mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, oak, mahogany, crucifixion thorn and pinyon.

Subdivision of T. 20 N., R. 15 W.

Chains

40.00 East, on a random line, bet. secs. 14 and 23.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.26 Intersect N. and S. line 10 lks. S. of the cor. of secs. 13, 14, 23 and 24.

Thence S. $89^{\circ}56'W.$, on a true line, bet. secs. 14 and 23, over mountainous land, through scattering timber and dense undergrowth. Asc. 220 ft., to
 8.80 Spur slopes N. Desc. 25 ft.
 10.75 Asc. 100 ft., on NE. slope.
 18.15 Ridge bears NW. and SE. Desc. 125 ft., on SW. slope.
 25.25 Ravine, course SE. Asc. 85 ft., on SE. slope.
 37.25 Spur slopes S.
 40.13 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, to bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked

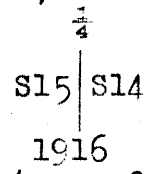


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

44.45 Ravine, course S. Asc. 215 ft., on SE. slope.
 55.40 Spur slopes S. Desc.
 62.90 Spur slopes S. Desc. on SW. slope.
 72.65 Ravine, 325 ft. below 55.40 ch. pt., course S. Asc. 215 ft., on SE. slope.
 80.26 The cor. of secs. 14, 15, 22 and 23.

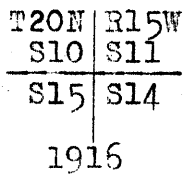
Land, mountainous.
 Soil, rocky; 3rd and 4th rate.
 Timber, pinyon.
 Undergrowth, oak, mahogany, curcifixion thorn, walnut and manzanita.

N. $0^{\circ}01'W.$, bet. secs. 14 and 15, over mountainous land, through scattering timber and dense undergrowth. Asc. 55 ft., on S. slope.
 2.50 Spur slopes E. Desc. 55 ft.
 9.00 Ravine, course NE. Asc. 30 ft., along E. slope.
 16.40 Ravine, course SE. Asc. 465 ft., on S. slope.
 29.60 Ridge bears NE. and SW. Desc. on NE. slope.
 38.30 Spur slopes NE. Continue descent.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked



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

60.75 Cabin bears E., 1 ch. dist.
 62.75 Ravine, 750 ft. below ridge, course E. Asc. 140 ft., on S. slope.
 68.90 Spur slopes NE. Desc. 100 ft., on NE. slope.
 71.65 Thence along broken E. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap, marked



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

Land, mountainous. Soil, 3rd and 4th rate.
 Timber, pinyon, yellow pine, oak and walnut.
 Undergrowth, oak and mahogany.

chains

40.00 East, on a random line, bet. secs. 11 and 14.
Set temp. $\frac{1}{4}$ sec. cor.
80.22 Intersect N. and S. line 21 lks: S. of the cor. of secs.
11, 12, 13 and 14.

Thence S. $89^{\circ}51'W.$, on a true line, bet. secs. 11 and 14,
over mountainous land, through dense undergrowth, along
broken S. slope.

5.50 Desc. 150 ft.
12.53 Ravine, course S. Asc. 115 ft., on SE. slope.
21.55 Spur slopes S. Thence along broken S. slope.
27.10 Ravine, course S.
29.31 Spur slopes S.
32.80 Mc. Gary Wash, in ravine, course SE. Asc. on NE. slope.
40.11 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground, surrounded by a mound of stone, (impracticable
to set post farther in the ground) for $\frac{1}{4}$ sec. cor.,
with brass cap, marked

S 11
 $\frac{1}{4}$ -----
S 14
1916

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

50.90 Spur, 140 ft. above ravine, slopes N. Desc. 50 ft.
53.10 Mc. Gary Wash, course SE. Asc. 350 ft., on NE. slope.
58.40 Wash, course SE. 10, 11, 14 and 15.
80.22 The cor. of secs. 10, 11, 14 and 15.
Land, mountainous.
Soil, rocky; 3rd and 4th rate.
No timber.
Undergrowth, oak, mahogany, willow and walnut.

N. $0^{\circ}01'W.$, bet. secs. 10 and 11,
over mountainous land, through dense undergrowth.
Desc. 105 ft., on N. slope.

7.80 Ravine, course E. Asc. 95 ft., on SE. slope; broken.
17.70 Ravine, course SE. Asc. 170 ft.
25.60 Desc.
26.60 Ravine, course SE. Asc.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
ground, to bed rock, surrounded by a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
S10 | S11
1916

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

53.00 Ridge, 420 ft. above ravine, bears E. and W. Desc. 130
ft., on NE. slope.
57.57 Ravine, course NE.
74.13 Ravine, 425 ft. below ridge, course E.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 15 ins. in the
ground, to bed rock, surrounded by a mound of stone, for
cor. of secs. 2, 3, 10 and 11, with brass cap, marked

T20N | R15W
S3 | S2
S10 | S11

1916

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

Land, mountainous.
Soil, 4th rate.
No timber.
Undergrowth, oak, mahogany and manzanita.

Subdivision of T. 20 N., R. 15 W.

| Chains | |
|--------|--|
| 40.00 | N. 89° 51' E., on a random line, bet. secs. 2 and 11. Set temp. $\frac{1}{4}$ sec. cor. |
| 80.10 | Intersect N. and S. line 7 lks. N. of the cor. of secs. 1, 2, 11 and 12. |
| | Thence S. 89° 54' W., on a true line, bet. secs. 2 and 11, over mountainous land, through dense undergrowth. |
| | Asc. 300 ft., on SE. slope. |
| 11.30 | Spur slopes NE. Desc. 125 ft., on NW. slope. |
| 19.10 | Ravine, course NE. Asc. 300 ft., on NE. slope. |
| 31.50 | Spur slopes NE. Desc. on NW. slope. |
| 38.50 | Ravine, course NE. Asc. on NE. slope. |
| 40.05 | Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground, to bed rock; surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked |
| | S 2 |
| | $\frac{1}{4}$ ----- |
| | S 11 |
| | 1916 |
| | and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. |
| | Asc. on E. slope. |
| 45.85 | Spur slopes N. 180 ft. above ravine. Desc. 190 ft., on NW. slope. |
| 53.60 | Ravine, course NE. Asc. 125 ft., on SE. slope. |
| 61.00 | Low ridge bears N. and S. Desc. 75 ft., on NW. slope. |
| 66.90 | Ravine, course NW. Asc. 70 ft. |
| 69.70 | Desc. 170 ft., on NW. slope. |
| 76.30 | Ravine, course N. Asc. 80 ft., on NE. slope. |
| 80.10 | The cor. of secs. 2, 3, 10 and 11. |
| | Land, mountainous. |
| | Soil, 3rd and 4th rate. |
| | No timber. |
| | Undergrowth, oak brush, mahogany and manzanita. |
| | ----- |
| | N. 0° 01' W., on a true line, bet. secs. 2 and 3, over mountainous land, through dense undergrowth. |
| | Desc. 235 ft., on NE. slope. |
| 9.05 | Ravine, course NW. Asc. gradually, 50 ft., on SW. slope. |
| 24.35 | Spur slopes W. Desc. 240 ft., on N. slope. |
| 31.40 | Ravine, course E. |
| 38.70 | Ravine, course SE. Asc. |
| 40.00 | Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked |
| | $\frac{1}{4}$ |
| | S3 S2 |
| | 1916 |
| | and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. |
| | Asc. on SW. slope. |
| 46.40 | Spur, 150 ft. above ravine, slopes SE. Asc. 65 ft., on SE. slope. |
| 51.60 | Spur slopes E. Desc. 185 ft., on NE. slope. |
| 59.40 | Ravine, course E. Asc. 210 ft., on SE. slope. |
| 67.40 | Spur slopes SE. Desc. 135 ft., on N. slope. |
| 79.00 | Intersect N. bdy. of Tp. (5th Standard Par. N.) 8.65 chs. W. of the old standard $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 35, which is a line iron post, marked, set, and witnessed as described by the surveyor general. |
| | At point of intersection Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for closing cor. of secs. 2 and 3, with brass cap, marked |

Chains

| | |
|------|------|
| S35 | |
| C | C |
| S3 | S2 |
| T20N | R15W |

1916

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

Land, mountainous.

Soil, 3rd and 4th rate.

No timber.

Undergrowth, oak, mahogany, manzanita and crucifixion thorn.

From the cor. of secs. 3, 4, 33 and 34, on S. bdy. of Tp., described in book "B"

N.0°02'W., bet. secs. 33 and 34, over mountainous land, through scattering timber and dense undergrowth. Desc. 40 ft., on NW. slope.

2.20 Antelope Wash, containing stream, 3 lks. wide, course NE. Asc. 75 ft., along broken E. slope. Leave timber bearing NE. and SW.

12.80 Spur slopes SE. Desc. 60 ft., on NE. slope.

15.90 Spring branch, 1 lk. wide, course SE. Asc. along SE. slope.

33.00 Asc. on S. slope.

40.00 Set a granite stone, 16x8x5 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No iron post available.

50.90 Rocky peak on spur ridge bearing E. and W. Desc. on broken N. slope, through scattering timber bearing E. and W. Peak is 830 ft. above spring branch.

63.00 Desc. on NW. slope of spur.

77.40 Gulch, 770 ft. below peak, course NE. Asc. on SE, slope.

80.00 Set a granite stone, 20x10x7 ins., 14 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked with one notch on S. and three notches on E. edge; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Impracticable to set iron post.

Land, mountainous.

Soil, 3rd and 4th rate.

Timber, yellow pine and pinyon.

Undergrowth, oak, mahogany, locust and manzanita.

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

40.00 Set temp. ¼ sec. cor.

80.00 Intersect N. and S. line 19 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence S.89°52'W., on a true line, bet. secs. 27 and 34, over mountainous land, through scattering timber and dense undergrowth. Asc. 45 ft., on NE. slope.

1.20 Spur slopes N. Desc. 275 ft., on NW. slope; broken.

9.85 Ravine, course N.

14.00 Spur slopes N. Desc. 215 ft.

20.65 Ravine, course N. Asc. 60 ft., on NE. slope.

26.37 Spur slopes N. Desc. 125 ft., on NW. slope.

30.90 Ravine, course N. Asc. on NE. slope.

40.00 Set a granite stone, 18x10x6 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to set iron post.

Asc. on NE. slope.

44.90 Spur, 315 ft. above ravine, slopes N. Asc. 125 ft.

Chains

56.20 Spur slopes N. Desc. 120 ft., on NW. slope.
 63.95 Ravine, course N. Asc. 50 ft., on NE. slope.
 67.10 Spur slopes N. Desc. 70 ft., on NW. slope.
 71.90 Spring branch, 1 lk. wide, course NE.
 74.35 Ravine, course NE. Asc. 100 ft., on NE. slope.
 80.00 The cor. of secs. 27, 28, 33 and 34.

Land, mountainous.
 Soil, 3rd and 4th rate.
 Timber, yellow pine and pinyon.
 Undergrowth, oak, mahogany, locust and manzanita.

N.0°02'W., bet. secs. 27 and 28,
 over mountainous land, through dense undergrowth.
 Asc. 25 ft., on S. slope.

1.75 Spur slopes E. Desc. 180 ft., on N. slope.
 7.35 Ravine, course NE. Asc. 75 ft., on SE. slope.
 17.70 Spur slopes SE. Descend on NE. slope.
 21.50 Spur slopes E.
 32.85 Stream, course NE.; width, 4 lks. Asc. on SE. slope.
 40.00 Set a granite stone, 16x10x6 ins., 12 ins. in the ground,
 for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound
 of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 Impracticable to set iron post,
 42.95 Spur slopes E. 110 ft. above stream. Desc. 100 ft.
 45.80 Wheeler Wash, containing stream 4 lks. wide, course SE.
 Asc. 220 ft., on SE. slope.
 56.80 Spur slopes E.
 64.15 Spur, 85 ft. above 56.80 ch. pt., slopes E. Thence on
 broken E. slope.
 71.15 Spur slopes E. Desc. 80 ft.
 75.40 Ravine, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 17 ins. in the
 ground to bed rock, surrounded by a mound of stone, for
 cor. of secs. 21, 22, 27 and 28, with brass cap, marked

| | |
|------|------|
| T20N | R15W |
| S21 | S22 |
| S28 | S27 |

1916

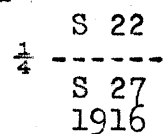
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.

Land, mountainous.
 Soil, rocky; 3rd and 4th rate.
 No timber.
 Undergrowth, oak, mahogany, manzanita and locust.

N.89°52'E., on a random line, bet. secs. 22 and 27.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line 4 lks. N. of the cor. of secs.
 22, 23, 26 and 27.

Thence S.89°54'W., on a true line, bet. secs. 22 and 27,
 over mountainous land, through dense undergrowth.

4.65 Ravine, course SE. Asc. 50 ft.,
 6.00 Spur slopes S. Desc. 105 ft., on SW. slope.
 12.50 Ravine, course SE. Asc. on NE. slope.
 20.80 Cabin and mine shaft bear N., about 5 chs. dist.
 34.70 Spur, 380 ft. above ravine, slopes SE. Desc. on SW. slope.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the
 ground, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked



Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Impracticable to set post farther in the ground. Ash, Foot of descent; ascend. Set post 2 1/4 m. S. of cor. 45.00
 48.40 Spur, 130 ft. below 34.70 ch. pt., slopes SE. Desc. on broken SW. slope.
 53.10 Stream, 3 lks. wide, course SE. Asc. 270 ft., on NE. slope.
 80.04 The cor. of secs. 21, 22, 27 and 28.

Land, mountainous.
 Soil, 4th rate.
 No timber.
 Undergrowth, oak, mahogany, manzanita and crucifixion thorn.

N.0°02'W., bet. secs. 21 and 22, over mountainous land, through dense undergrowth. Desc. 105 ft., on broken N. slope.
 7.50 Draw, course E. Asc. 60 ft., on SE. slope.
 14.10 Spur slopes SE. about 8.00 chs. Desc. on NE. slope.
 16.00 Draw, course SE. Asc. 235 ft., on SW. slope.
 25.50 Spur slopes SE. Asc. 230 ft., on SE. slope of spur.
 39.30 Same spur slopes SSW. from NNW. Desc. on NE. slope.
 40.00 Set a granite stone, 18x10x6 ins., 15 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No iron post available.
 43.10 Ravine, 45 ft. below spur, course SE. Asc. 850 ft., on broken SW. slope.
 79.50 Spur ridge bears NW. and SE. Desc. on NE. slope.
 80.00 Set a granite stone, 18x10x8 ins., 8 ins. in the ground to bed rock; surrounded by a mound of stone, for cor. of secs. 15, 16, 21 and 22, with brass cap, marked

| | |
|------|------|
| T20N | R15W |
| S16 | S15 |
| S21 | S22 |

1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. No iron post available.

Land, rough mountainous.
 Soil, rocky; 4th rate.
 No timber.
 Undergrowth, oak, locust and manzanita.

East, on a random line, bet. secs. 15 and 22. Set temp. ¼ sec. cor. 40.00
 80.28 Intersect N. and S. line 37 lks. S. of the cor. of secs. 14., 15, 22 and 23.

Thence S.89°44'W., on a true line, bet. secs. 15 and 22, over mountainous land, through dense undergrowth. Asc. 145 ft., on SE. slope.
 6.85 Spur slopes SE.
 8.65 Desc. 150 ft., on SW. slope.
 15.30 Ravine, course S. Asc. 100 ft., on E. slope.
 19.15 Spur slopes S. Desc. 90 ft., on SW. slope.
 24.25 Ravine, course S. Asc. 150 ft., on SE. slope.
 33.50 Summit.
 40.14 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bed rock, surrounded by a mound of stone, for ¼ sec. cor., with brass cap, marked

| |
|---------|
| S 15 |
| ¼ ----- |
| S 22 |

1916

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

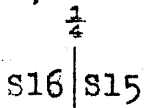
Chains

42.50 Ravine, course SE. Asc. on broken E. slope.
 47.80 Spur slopes N. Continue ascent.
 80.28 1175 ft. above ravine,
 The cor. of secs. 15, 16, 21 and 22.

Land, mountainous.
 Soil, rocky; 3rd and 4th rate.
 Undergrowth, oak, mahogany, manzanita, locust and pinyon.
 No timber.

N.0°02'W., bet. secs. 15 and 16, over mountainous land,
 through scattering timber and dense undergrowth.
 Asc. 100 ft., on broken SE. slope.

6.00 Spur slopes E. Desc. 240 ft., on NW. slope.
 22.65 Ravine, course E. Asc. 95 ft., on SE. slope.
 29.20 Desc. 50 ft.
 32.10 Ravine, course E. Asc. on S. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

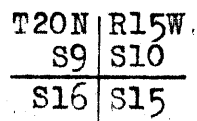


1916

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

48.15 Ridge, 425 ft. above ravine, bears NW. and SE. Desc. 180
 ft., on NE. slope.

55.76 Ravine, course NE. Desc. 170 ft.
 61.85 Ravine, course NE. Desc. 150 ft.
 66.30 Spur slopes NE. Desc. 100 ft.
 71.55 Ravine, course NE. Asc. 60 ft. on SE. slope.
 75.70 Ridge bears NE; and SW. Desc. 100 ft., on NW. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the
 ground to bed rock, surrounded by a mound of stone,
 for cor. of secs. 9, 10, 15 and 16, with brass cap,
 marked



1916

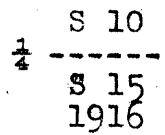
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.

Land, mountainous.
 Soil, 2nd and 3rd rate.
 Timber, yellow pine, pinyon, oak and walnut.
 Undergrowth, oak, mahogany and manzanita.

40.00 N.89°44'E., on a random line, bet. secs. 10 and 15.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line at the cor. of secs. 10, 11,
 14 and 15.

Thence S.89°44'W., on a true line, bet. secs. 10 and 15,
 over mountainous land, through scattering timber and
 dense undergrowth. Ascend.

22.55 Ravine, course N. Asc. on E. slope.
 38.70 Spur, 800 ft. above sec. cor., sloping N.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor.,
 with brass cap, marked



16

Subdivision of T. 20 N., R. 15 W.

Chains

- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
43.80 Spur slopes N.
51.40 Ravine, course N. Asc. 140 ft.
57.50 Spur slopes N. Desc. 80 ft.
61.70 Ravine, course N. Asc. 140 ft., on broken NE. slope.
72.80 Ridge bears NE. and SW. Desc. 100 ft., on NW. slope.
80.04 The cor. of secs. 9, 10, 15 and 16.

Land, mountainous.
Soil, 3rd and 4th rate.
Timber, yellow pine and pinyon.
Undergrowth, oak, mahogany and manzanita.

- N.0°02'W., bet. secs. 9 and 10,
over rough mountainous land, through dense undergrowth
and timber. Desc. 500 ft., on broken N. slope.
19.10 Draw, course NW. Leave heavy timber bearing NW. and SE.,
and thence through scattering timber. Asc. 110 ft.,
on SW. slope.
30.50 Spur slopes W. about 20 chs. Desc. on broken NW. slope.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground to bed rock, surrounded by a mound of stone,
for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$

| | |
|-----|-----|
| S 9 | S10 |
|-----|-----|

1916

- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
53.00 Draw, 460 ft. below spur, course W. Asc. 60 ft., on SW.
slope.
62.50 Spur slopes W. Desc. 150 ft., on NW. slope.
69.10 Draw, course W. Asc. 190 ft., on broken SW. slope, leaving
yellow pine timber bearing E. and W., and through pinyon
timber.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 4 ins. in the
ground to bed rock, surrounded by a mound of stone,
for cor. of secs. 3, 4, 9 and 10, with brass cap, marked

| | |
|------|------|
| T20N | R15W |
| S4 | S3 |
| S9 | S10 |

1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
From cor., shaft of old Deane mine, approximately 150
ft. deep, bears S.41°04'W., 49.88 chs. dist.

Land, rough mountainous.
Soil, 4th rate.
Timber, yellow pine and pinyon.
Undergrowth, oak, manzanita and quinine brush.

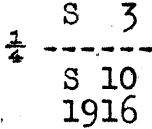
- East, on a random line, bet. secs. 3 and 10.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.88 Intersect N. and S. line 5 lks. S. of the cor. of secs.
2, 3, 10 and 11.

- Thence S.89°58'W., on a true line, bet. secs. 3 and 10,
over mountainous land, through scattering timber and
dense undergrowth. Asc. 245 ft., along broken NE. slope.
13.10 Spur slopes NE. about 15 chs. Desc. 90 ft., along broken
NW. slope.
23.20 Ravine, course NE. Asc.

Subdivision of T. 20 N., R. 15 W.

Chains

39.94 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bed rock, surrounded by a mound of stone, for 1/4 sec. cor., with brass cap, marked



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

58.20 Main divide, 700 ft. above ravine, bears N. and S. A peak bears N., about 20 chs. dist., whence main divide extends NE. Desc. 570 ft., on SW. slope.

79.88 The cor. of secs. 3, 4, 9 and 10.

Land, rough mountainous.
Soil, rocky; 4th rate.
Timber, pinyon and yellow pine.
Undergrowth, manzanita, oak and quinine brush.

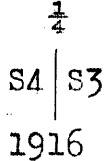
N.0°02'W., on a true line, bet. secs. 3 and 4, over mountainous land, through dense undergrowth and scattering timber. Asc. 165 ft., on SW. slope.

6.50 Spur slopes SW., and another NW. Desc. 400 ft., on NE. slope.

19.90 Draw, course NW. Asc. 75 ft., on rocky SW. slope.

29.45 Rocky spur slopes W. Desc. on broken NW. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, surrounded by a mound of stone, for 1/4 sec. cor., with brass cap, marked



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

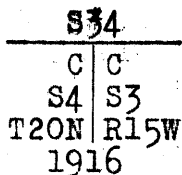
45.10 Draw, 250 ft. below spur, course W. Asc. 450 ft., on broken SW. slope.

68.00 Spur ridge bears NW. and SE. Thence along E. slope. Desc. 140 ft.

73.25 Intersect 5th St. Par. N. 8.32 chs. W. of the standard 1/4 sec. cor. on S. bdy. of sec. 34, which is an iron post, 1 in. diam., with brass cap, marked, set, and witnessed as described by the surveyor general.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap, marked



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

Land, rough mountainous.
Soil, rocky; 4th rate.
Timber, pinyon.
Undergrowth, oak, manzanita and quinine brush.

From the cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp. described in book "B";

N.0°02'W., bet. secs. 32 and 33,

18 22

Subdivision of T. 20 N., R. 15 W.

| Chains | | |
|--------|---|--|
| | over mountainous land, through dense undergrowth. | |
| 1.00 | Ravine, course SE. Asc. on SW. slope. | |
| 23.00 | Asc. on S. slope. | |
| 35.50 | Spur ridge, 700 ft. above ravine, bears E. and W. Desc. on broken N. slope, through scattering timber. | |
| 40.00 | Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ | |
| | S32 S33 | |
| | 1916 | |
| | from which | |
| | A yellow pine, 32 ins. diam., bears N. $73\frac{1}{2}^{\circ}$ E., 105 lks. dist., marked $\frac{1}{4}$ S 33 BT, and | |
| | A yellow pine, 18 ins. diam., bears N. 41° W., 92 lks. dist., marked $\frac{1}{4}$ S 32 BT. | |
| | Continue on broken N. slope, through dense timber and undergrowth. | |
| 62.00 | S. fork of Wheeler Wash, 555 ft. below ridge, course NE. Leave timber bearing NE. and SW., and asc. on SE. slope. | |
| 72.00 | Asc. over perpendicular cliffs and large boulders bearing NE. and SW. | |
| 80.00 | 275 ft. above wash, Set a granite stone, 16x6x5 ins., 8 ins. in the ground, surrounded by a mound of stone, for cor. of secs. 28, 29, 32 and 33, marked with one notch on S. and four notches on E. edge; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. No iron post available. | |
| | Land, rough mountainous. Soil, rocky; 4th rate. Timber, yellow pine and oak. Undergrowth, manzanita, oak and locust. | |
| ----- | | |
| 40.00 | East, on a random line, bet. secs. 28 and 33. Set temp. $\frac{1}{4}$ sec. cor. | |
| 80.26 | Intersect N. and S. line 9 lks. S. of the cor. of secs. 27, 28, 33 and 34. | |
| | Thence S. $89^{\circ}56'$ W., on a true line, bet. secs. 28 and 33, over mountainous land, through scattering timber and dense undergrowth. | |
| 2.00 | Spur slopes NE. | |
| 6.30 | Desc. 60 ft., on NW. slope. | |
| 12.70 | Draw, course NE. Asc. 535 ft., on broken E. slope. | |
| 35.20 | Spur, sloping NE. Desc. on NW. slope. | |
| 40.13 | Set a granite stone, 20x10x8 ins., 16 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. No iron post available. | |
| 40.60 | Ravine, 125 ft. below spur, course N. Asc. 95 ft., on E. slope. | |
| 43.80 | Spur slopes N. Desc. 170 ft., on NW. slope. | |
| 56.40 | S. fork of Wheeler wash, course NE. Asc. on SE. slope. | |
| 57.60 | Cabin bears N., 50 lks. dist. | |
| 80.26 | The cor. of secs. 28, 29, 32 and 33, 600 ft. above wash. | |
| | Land, rough mountainous. Soil, 4th rate. Timber, yellow pine and oak. Undergrowth, oak, locust and manzanita. | |
| ----- | | |
| | N. $0^{\circ}02'$ W., bet. secs. 28 and 29, over mountainous land, through dense undergrowth. Asc. on broken SE. slope, over perpendicular granite cliffs | |

Subdivision of T. 20 N., R. 15 W.

Chains

and large boulders.

5.50 Enter dense timber bearing NE. and SW.

10.00 Thence along broken E. slope.

22.00 Spur, 210 ft. above sec. cor., slopes ENE. Desc. on broken NE. slope.

40.00 Set a granite stone, 25x10x8 ins., 17 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which

A pine, 14 ins. diam., bears N.46°E., 64 lks. dist., marked $\frac{1}{4}$ S28 BT, and

A pine, 9 ins. diam., bears S.38°45' W., 8 lks. dist., marked $\frac{1}{4}$ S29 BT.

Continue descent on broken NE. slope.

41.00 Head of spur, which slopes NE. about 12 chs. Continue descent.

52.55 Stream, 700 ft. below spur at 22 ch. pt., course NE. Asc. 65 ft., on SE. slope. Leave timber bearing NE. and SW.

58.00 Spur slopes E. 15 chs. Desc. over large boulders.

63.00 Leave boulders bearing NW. and SE., and desc. over perpendicular granite cliff.

65.00 Enter dense timber, bearing SW. and E.

80.00 100 ft. below spur, Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 20, 21, 28 and 29, with brass cap, marked

| | |
|------|------|
| T20N | R15W |
| S20 | S21 |
| S29 | S28 |

1916

from which

A pine, 22 ins. diam., bears N.59°E., 54 lks. dist., marked T20N R15W S21 BT,

A pine, 20 ins. diam., bears S.19 $\frac{1}{4}$ °E., 104 lks. dist., marked T20N R15W S28 BT,

An oak, 18 ins. diam., bears S.33°W., 68 lks. dist., marked T20N R15W S29 BT, and

An oak, 12 ins. diam., bears N.22 $\frac{1}{2}$ °W., 51 lks. dist., marked T20N R15W S20 BT.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, yellow pine and oak.
 Undergrowth, manzanita, oak, barberry and locust.

40.00 East, on a random line, bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect N. and S. line 17 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence S.89°53'W., on a true line, bet. secs. 21 and 28, over mountainous land, through dense undergrowth. Asc. 120 ft., along broken slope.

26.00 Ravine, course NE. Asc. 105 ft., on SE. slope.

34.80 Head of spur sloping NE. Thence along N. slope.

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

| |
|---------------------|
| S 21 |
| $\frac{1}{4}$ ----- |
| S 28 |

1916

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

41.00 Spur ridge bears NW. and SE. Desc. 60 ft., on SW. slope.

53.30 Draw, course SE. Asc. on broken E. slope.

63.00 Spur, 100 ft. above draw, slopes SE. Wagon road bears NW. to Kingman and SE. to ranch. Cabin bears S.49°45'E.

Chains

- Cabin bears S.51°30'E., and
A cabin bears S.52°30'E., about 18 chs. dist.
Desc. 40 ft., on SW. slope.
- 67.50 Wheeler Wash, containing stream 2 lks. wide, course SE.
Asc. 60 ft., on E. slope.
- 73.40 Low spur slopes SE. Desc. 20 ft., on SW. slope.
- 75.50 Draw, course SE. Enter dense timber bearing NW. and SE.
Asc. 30 ft., on NE. slope.
- 79.80 The cor. of secs. 20, 21, 28 and 29.

Land, mountainous.
Soil, 4th rate.
Timber, yellow pine and oak.
Undergrowth, oak, locust and manzanita.

- N.0°02'W., bet. secs. 20 and 21,
over mountainous land, through dense timber and under-
growth. Desc. 20 ft., on N. slope.
- 1.25 Draw, course E. Leave dense timber, bearing E. and W.,
and asc. 45 ft., on broken SE. slope, through scattering
timber and dense undergrowth.
- 6.40 Spur slopes SE. Desc. 65 ft., on NE. slope.
- 8.20 Wheeler wash, containing stream, 1 lk. wide, course SE.
Asc. 195 ft., on broken SW. slope.
- 20.40 Spur slopes SE. Desc. 30 ft., on NE. slope.
- 22.20 Draw, course SE. Asc. on broken SW. slope.
- 24.10 Road bears NW. to Kingman and SE. to Jack Simpson's ranch.
- 32.60 Spur, 125 ft. above draw, slopes SE. Desc. on NE. slope.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S20 | S21

1916

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

- 40.10 Draw, 65 ft. below spur, course SE. Asc. on SW. slope.
- 57.00 Asc. over large granite boulders, bearing NW. and SE.
- 65.20 Spur, 700 ft. above draw, slopes SW., 12 chs. Desc. 40 ft.,
on NW. slope.
- 67.00 Ravine, heading 10 chs. NE. of line, course SW. Asc. 235
ft., on broken SW. slope.
- 73.30 Spur slopes SW. 12 chs. Continue to asc. on SW. slope.
- 78.00 Enter scattering pine timber, bearing E. and W.
- 80.00 110 ft. above spur,
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
ground, for cor. of secs. 16, 17, 20 and 21, with brass
cap, marked

T20N | R15W
S17 | S16

S20 | S21

1916

from which
A pine, 12 ins. diam., bears N.65 $\frac{1}{2}$ °E., 31 lks. dist.,
marked T20N R15W S16 BT,
A pine, 9 ins. diam., bears S.44°E., 20 lks. dist.,
marked T20N R15W S21 BT,
A pine, 14 ins. diam., bears S.85 $\frac{1}{2}$ °W., 130 lks. dist.,
marked T20N R15W S20 BT, and
A pine, 20 ins. diam., bears N.42°W., 85 lks. dist.,
marked T20N R15W S17 BT.

Land, rolling mountainous in S. half and mountainous in N.
Soil, 4th rate.
Timber, yellow pine and oak.
Undergrowth, oak, locust and manzanita.

Chains

40.00 N.89°53'E., on a random line, bet. secs. 16 and 21,
 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect N. and S. line 8 lks. N. of the cor. of secs.
 15, 16, 21 and 22.

Thence S.89°56'W., on a true line, bet. secs. 16 and 21,
 over mountainous land, through dense undergrowth and
 scattering timber. Asc. on NE. slope.

.40 Spur slopes SE., about 45 chs. Desc. 170 ft., on SW. slope.
 7.90 Draw, course SE. Asc. 385 ft., on E. slope.
 23.70 Spur ridge bears NW. and SE. Desc. along broken SW. slope.
 39.90 Set a granite stone, 18x10x6 ins., 15 ins. in the ground,
 for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound
 of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 No iron post available.

47.80 Draw, 490 ft. below ridge, course S. Asc. 765 ft., on
 broken SE. slope, over perpendicular cliffs and large
 boulders,

70.40 Main divide of Hualpai mountains bears NE. and SW.
 Saddle in divide, 150 ft. below station, bears NE. about
 10 chs. dist.
 A rocky peak bears SW., 2 chs. dist., from which a spur
 ridge extends SE.
 Thence along N. slope of divide.

72.40 Main divide bears NW. and SE. Desc. 190 ft., on SW. slope.
 79.80 The cor. of secs. 16, 17, 20 and 21.

Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, yellow pine.
 Undergrowth, oak, locust and manzanita.

3.40 N.0°02'W., bet. secs. 16 and 17,
 over mountainous land, through scattering timber and
 dense undergrowth. Asc. 100 ft., on SW. slope.
 Main Divide of Hualpai mountains bears NW. and SE. Desc.
 300 ft., on NE. slope, through dense timber and under-
 growth.

19.00 Ravine, course NE. Asc. 20 ft., on broken E. slope.
 24.30 Rocky spur slopes E. Desc. 500 ft., on NW. slope.
 39.00 Draw, course NE. Thence along E. slope.
 40.00 Set a granite stone, 18x10x8 ins., 14 ins. in the ground,
 for $\frac{1}{4}$ sec. cor, marked $\frac{1}{4}$ on W. face; and raise a mound
 of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.,
 from which
 A pine, 24 ins. diam., bears N.41°E., 31 lks. dist.,
 marked $\frac{1}{4}$ S16 BT, and
 A pine, 10 ins. diam., bears S.58°W., 36 lks. dist.,
 marked $\frac{1}{4}$ S17 BT. No iron post available.

44.00 Low spur slopes E. 5 chs. Desc. 265 ft., on NE. slope.
 56.60 Stream, course NW. Leave dense timber, bearing NW. and SE.,
 and asc. on broken SW. slope, through scattering timber.

70.00 Thence along W. slope.
 75.00 Head of spur, 130 ft. above stream; spur extends NNW.
 Desc. 90 ft., on N. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the
 ground to bed rock, surrounded by a mound of stone,
 for cor. of secs. 8, 9, 16 and 17, with brass cap, marked

| | |
|------|------|
| T20N | R15W |
| S8 | S9 |
| S17 | S16 |

1916

from which
 A pine, 16 ins. diam., bears N.55 $\frac{1}{2}$ °E., 78 lks. dist.,
 marked T20N R15W S9 BT,
 A pine, 7 ins. diam., bears S.31 $\frac{1}{2}$ °E., 59 lks. dist.,
 marked T20N R15W S16 BT,
 A pine, 6 ins. diam., bears S.33°W., 54 lks. dist.,
 marked T20N R15W S17 BT, and

Chains

A pine, 18 ins. diam., bears N.56 $\frac{1}{2}$ °W., 5 lks. dist., marked T20N R15W S8 BT.

Land, rough mountainous.

Soil, rocky; 4th rate.

Timber, yellow pine.

Undergrowth, oak, locust and quinine brush.

- East, on a random line, bet. secs 9 and 16.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.80 Intersect N. and S. line 7 lks. S. of the cor. of secs. 9, 10, 15 and 16.
- Thence S.89°57'W., on a true line, bet. secs. 9 and 16, over mountainous land, through dense timber and undergrowth; along broken N. slope.
 6.70 Desc. 150 ft., on rocky NW. slope.
 15.40 Ravine, course N. Asc. 160 ft., on NE. slope.
 24.00 Rocky spur slopes N. Desc. 240 ft., on rocky NW. slope.
 31.80 Spring branch, 1 lk. wide, course N. Asc. on NE. slope.
 39.90 Set a granite stone, 18x10x6 ins., 14 ins. in the ground, marked $\frac{1}{4}$ on N. face, for $\frac{1}{4}$ sec. cor., from which
 A pine, 10 ins. diam., bears N., 30 lks. dist., marked $\frac{1}{4}$ S9 BT, and
 A pine, 30 ins. diam., bears S.46°45'W., 76 lks. dist., marked $\frac{1}{4}$ S16 BT.
 No iron post available.
 43.10 Spur, 200 ft. above spring branch, slopes N. Desc. 35 ft., on NW. slope.
 44.80 Head of ravine, course N. Asc. 145 ft., on NE. slope.
 57.40 Top of rocky spur slopes NW.
 A high rocky peak, on spur, bears SW., about 12 chs. dist. Leave dense timber and desc. on broken W. slope, over large boulders, through scattering timber.
 79.00 Ravine, course NW. Asc. 20 ft., on NE. slope.
 79.80 The cor. of secs. 8, 9, 16 and 17.

Land, rough mountainous.

Soil, rocky; 4th rate.

Timber, yellow pine.

Undergrowth, oak, locust and quinine brush.

- N.0°02'W., bet. secs. 8 and 9, over mountainous land, through dense undergrowth and scattering timber. Desc. 30 ft., on NE. slope.
 .90 Ravine, course NW. Thence along broken W. slope.
 4.40 Head of spur sloping NW. Desc. on N. slope.
 9.30 Thence along broken W. slope.
 13.00 Thence over large granite boulders, bearing NW. and SE.
 15.20 Ravine, 170 ft. below spur, course NW. Asc. 190 ft., on SW. slope.
 22.60 Spur slopes W. Leave scattering yellow pine and enter pinyon timber. Desc. 60 ft., on NW. slope.
 26.90 Head of ravine, course W. Asc. 220 ft., on SW. slope.
 37.00 Thence along W. slope of rocky ridge.
 38.40 Spur slopes NW. Desc. on NE. slope, through dense pinyon growth, bearing NW. and SE.
 40.00 Set a granite stone, 16x10x8 ins., 13 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which
 A pinyon, 10 ins. diam., bears N.25°E., 39 lks. dist., marked $\frac{1}{4}$ S9 BT, and
 A pinyon, 8 ins. diam., bears N.70 $\frac{1}{2}$ °W., 40 lks. dist., marked $\frac{1}{4}$ S8 BT.
 58.00 Leave dense timber, bearing NE. and SW. Thence through scattering timber.
 66.60 Spur, 680 ft. below spur at 38.40 ch. pt., slopes N. from SW. Desc. 35 ft., along top of spur.

Chains

74.00 Spur slopes NE., and another spur NW. Desc. 185 ft., on NE. slope.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for cor. of secs. 4, 5, 8 and 9, with brass cap, marked

| | |
|-------|------|
| T20N | R15W |
| S5 | S4 |
| ----- | |
| S8 | S9 |

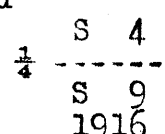
1916

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

Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, yellow pine and pinyon.
 Undergrowth, oak, manzanita and quinine brush.

40.00 East, on a random line, bet. secs. 4 and 9.
 79.98 Set temp. ¼ sec. cor.
 Intersect N. and S. line 24 lks. S. of the cor. of secs. 3, 4, 9 and 10.

Thence S.89°50'W., on a true line, bet. secs. 4 and 9, over rough mountainous land, through scattering timber and dense undergrowth. Desc. 120 ft., on SW. slope.
 10.00 Spur from NE., slopes W. Desc. along top.
 20.00 Thence desc. on W. slope of spur.
 31.00 Old wagon road bears S. to old Deane mine and N.
 35.30 Draw, 580 ft. below 10 ch. pt. on spur, course N. Asc. along N. slope.
 39.99 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked



and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 51.20 Spur, 180 ft. above draw, slopes NW. Desc. 200 ft., on SW. slope.
 62.00 Draw, course NW. Asc. on NE. slope.
 64.10 Spur slopes N. 7 chs. Desc. 30 ft., on NW. slope.
 65.60 Draw, course N. Asc. 145 ft., on broken NE. slope.
 79.98 The cor. of secs. 4, 5, 8 and 9.

Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, pinyon.
 Undergrowth, oak, quinine brush and manzanita.

N.0°02'W., on a true line, bet. secs. 4 and 5, over mountainous land, through dense undergrowth and scattering pinyon timber. Desc. 140 ft., on NE. slope.
 6.20 Ravine, course E. Asc. 60 ft., on SE. slope.
 10.20 Spur slopes E. about 12 chs. Desc. 60 ft., on NE. slope.
 14.00 Head of ravine, course SE. Asc. 60 ft., on S. slope.
 16.00 Spur slopes NE. Continue to asc. along W. slope.
 20.00 Desc. on broken NW. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked

Chains

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

| | |
|----|----|
| S5 | S4 |
|----|----|

1916

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

41.35 Draw, 330 ft. below 20 ch. pt., course NE Asc. 75 ft., on SE. slope, through dense undergrowth and scattering timber.

51.00 Spur slopes NE. Desc. 315 ft., on N. slope.

79.26 Intersect 5th St. Par. N. 8.61 chs. W. of the standard $\frac{1}{2}$ sec. cor. on S. bdy. of sec. 33, which is a 1 in. iron post, with brass cap, marked, set, and witnessed as described by the surveyor general.

At point of intersection

Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for closing cor. of secs. 4 and 5, with brass cap, marked

$$\frac{S33}{C \quad C}$$

| | |
|------|------|
| S5 | S4 |
| T20N | R15W |

1916

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

Land, mountainous.

Soil, rocky; 4th rate.

Timber, pinyon.

Undergrowth, oak, quinine brush, manzanita and Spanish dagger.

From cor. of secs. 5, 6, 31 and 32, on S. bdy. of T., described in Book "B,"

N. $0^{\circ}03'W.$, bet. secs. 31 and 32,

from the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp., described in book "B"; over rough mountainous land, through dense undergrowth, along broken rocky E. slope.

12.00 Desc. 250 ft., on NE. slope.

25.50 Top of saddle in ridge bears NW., 4 chs. dist.

Head of draw, course SE. Asc. on SE. slope.

32.00 Asc. over perpendicular cliffs bearing E. and W.

40.00 Point for $\frac{1}{4}$ sec. cor. falls on face of cliff, where it is impracticable to set post. Therefore at

41.16 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, on bed rock, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap, marked

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

| | |
|-----|-----|
| S31 | S32 |
|-----|-----|

W C

1916

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

49.50 Main divide of Hualpai mountains, 600 ft. above draw, bears N. $20^{\circ}E.$ and S. $25^{\circ}W.$ Asc. 100 ft., on W. slope.

52.13 Hualpai Peak, about 150 ft. above this station, bears N. $80^{\circ}E.$, 3 chs. dist. Thence along W. slope.

54.00 Main divide bears NW. and SE. to Hualpai Peak.

56.90 Enter aspen thicket and dense timber bearing E. and W. Desc. on rocky N. slope of Hualpai Peak.

71.20 Leave aspen thicket, bearing NE. and W. Desc. along W. slope, through dense timber.

80.00 470 ft. below divide,

Set a granite stone, 20x10x10 ins., 4 ins. in the ground, surrounded by a mound of stone, for cor. of secs. 29, 30, 31 and 32, marked with one notch on S. and five notches on E. edge; from which

Chains

A pine, 10 ins. diam., bears N.77°E., 25 lks. dist., marked T20N R15W S29 BT,
 A pine, 18 ins. diam., bears S.23½°E., 101 lks. dist., marked T20N R15W S32 BT,
 A pine, 14 ins. diam., bears S.55°W., 76 lks. dist., marked T20N R15W S31 BT, and
 A pine, 18 ins. diam., bears N.45°45'W., 76 lks. dist., marked T20N R15W S30 BT.
 No iron post available.

Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, yellow pine and oak.
 Undergrowth, manzanita, oak, aspen and locust.

-
- East, on a random line, bet. secs. 29 and 32.
 40.00 Set temp. ¼ sec. cor.
 80.04 Intersect N. and S. line 19 lks. S. of the cor. of secs. 28, 29, 32 and 33.
- Thence S.89°52'W., on a true line, bet. secs. 29 and 32, over rough mountainous land, through dense undergrowth. Asc. on broken SE. slope, over perpendicular cliffs and large boulders.
- 6.20 Enter dense timber, bearing NE. and SW.
 16.00 Thence along broken S. slope.
 32.40 Spur ridge bears NE. and SW. Low saddle bears SW., 4.00 chs. dist. Leave granite cliffs bearing N. and S., and desc. 130 ft., on NW. slope.
 39.00 Head of draw draining NW. Thence along N. slope.
 40.02 Set a granite stone, 20x10x8 ins., 16 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face, from which
 A pine, 12 ins. diam., bears N.5°E., 17 lks. dist., marked ¼ S29 BT, and
 A pine, 10 ins. diam., bears S., 40 lks. dist., marked ¼ S32 BT.
 No iron post available.
 47.60 Head of draw draining N. Asc. on broken NE. slope, over granite cliffs and large boulders, bearing NW. and SE. Enter aspen thicket bearing NW. and SE.
 69.00 Leave aspen thicket bearing N. and S.
 74.70 Spur, 470 ft. above 47.60 ch. pt., slopes N. Desc. 70 ft., on W. slope.
 80.04 The cor. of secs. 29, 30, 31 and 32.

Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, yellow pine and oak.
 Undergrowth, manzanita, oak, aspen and locust.

-
- West, on a random line, bet. secs. 30 and 31,
 40.00 Set temp. ¼ sec. cor.
 76.98 Intersect W. bdy. of Tp. 26 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in book "B",
- Thence N.89°48'E., on a true line, bet. secs. 30 and 31, over rough mountainous land, through dense timber and undergrowth. Asc. 1050 ft., on steep rocky SW. slope, over large boulders.
- 26.40 Top of perpendicular granite cliff 175 ft. high, facing SW. Rocky spur slopes NW. Desc. 125 ft., on rocky NE. slope.
 30.70 Ravine, course NW. Head of same bears S. 5.00 chs. dist. Asc. on broken SW. slope, over cliffs and large boulders.
 36.98 Point for ¼ sec. cor. falls on granite boulder 4x4x3 ft. above ground. I mark a cross on same at the exact corner point, with ¼ on N. side, from which

Chains

- A pine, 14 ins. diam., bears N.12 $\frac{1}{4}$ °W., 60 lks. dist., marked $\frac{1}{4}$ S30 BT, and
- A pine, 9 ins. diam., bears S.23 $\frac{1}{2}$ °E., 38 lks. dist., marked $\frac{1}{4}$ S31 BT.
- No iron post, available.
- 48.30 Main divide of Hualpai Mountains, 530 ft. above ravine, bears N. and S. A high rocky peak bears N. about 10 chs. dist. Desc. on broken E. slope, over cliffs and boulders.
- 63.80 Leave dense timber bearing N. and S., and enter aspen thicket.
- 69.60 Draw, 440 ft. below divide, course N. Leave aspen thicket and enter dense timber bearing N. and S. Asc. 110 ft., over granite cliffs and large boulders, on W. slope.
- 76.98 The cor. of secs.29, 30, 31 and 32.

Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, yellow pine and fir.
 Undergrowth, oak, aspen and manzanita.

- N.0°03'W., bet. secs. 29 and 30, over rough mountainous land, through dense timber, Desc. over perpendicular granite cliffs and large boulders on NW. slope.
- 8.00 Top of granite cliffs, 75 ft. high, facing NW.
- 10.00 Leave cliffs and boulders, and enter dense undergrowth, bearing NE. and SW.
- 15.30 Draw, 320 ft. below sec. cor., course NE. Desc. along E. slope.
- 20.00 Leave rocky soil and continue over 1st and 2nd rate sandy loam, bearing NW. and E.
- 27.40 Stream, 85 ft. below draw at 15.30 ch. pt., 3 lks. wide, course E. Ranch extends E. 4 chs. and W. about 15 chs. Enter cleared field, ascending on S. slope.
- 33.30 NE. cor. of cabin, on line.
- A cabin bears SW., 100 lks. dist.
- 34.50 A cabin bears W., 2.00 chs. dist.
- 35.00 Fence bears W. and SE. Leave cleared field, and asc. over rocky soil, 4th rate; through dense timber.
- 40.00 Set a granite stone, 20x12x10 ins., 8 ins. in the ground, to bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which
- A pine, 34 ins. diam., bears N.82 $\frac{1}{2}$ °E., 86 lks. dist., marked $\frac{1}{4}$ S29 BT, and
- An oak, 12 ins. diam., bears N.45°45'W., 43 lks. dist., marked $\frac{1}{4}$ S30 BT.
- No iron post available. Cor is set against E. edge of granite boulder 15x8x8 ft. above ground.
- Asc. over perpendicular granite cliffs and large boulders, bearing SW. and E.
- 50.70 Base of perpendicular granite cliff 125 ft. high.
- 54.80 Rocky spur, 800 ft. above stream, sloping SW. Desc. 85 ft., on NW. slope.
- 57.00 Head of ravine, course SW. Asc. 60 ft., on S. slope.
- 60.40 Main divide of Hualpai Mountains bears W. 30 chs., and E. 6.00 chs. to high rocky peak, the N. face of which is a perpendicular granite cliff 250 ft. high. From this peak divide extends NE.
- Desc. 700 ft., on broken N. slope of divide.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bed rock, surrounded by a mound of stone, for cor. of secs. 19, 20, 29 and 30, with brass cap, marked

| | |
|------|------|
| T20N | R15W |
| S19 | S20 |
| S30 | S29 |

1916

from which

Subdivision of T. 20 N., R. 15 W.

Chains

A pine, 30 ins. diam., bears N.49½°E., 47 lks. dist., marked T20N R15W S20 BT,
 A pine, 26 ins. diam., bears S.35°45'E., 33 lks. dist., marked T20N R15W S29 BT,
 A pine, 22 ins. diam., bears S.69°W., 68 lks. dist., marked T20N R15W S30 BT, and
 An oak, 9 ins. diam., bears N.23°W., 62 lks. dist., marked T20N R15W S19 BT.

Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, yellow pine and fir.
 Undergrowth, aspen, locust, oak and manzanita.

40.00 East, on a random line, bet. secs. 20 and 29.
 79.82 Set temp. ¼ sec. cor.
 Intersect N. and S. line 16 lks. S. of the cor. of secs. 20, 21, 28 and 29.

39.91 Thence S.89°53'W., on a true line, bet. secs. 20 and 29, over mountainous land, through dense timber and undergrowth. Asc. along broken E. and NE. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for ¼ sec. cor., with brass cap, marked

S 20
 ¼ -----
 S 29
 1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.
 From the ¼ sec. cor., a deep saddle in divide, at the head of Wheeler wash, bears N., about 30 chs. dist.
 40.90 Spur, 520 ft. above sec. cor., slopes N. Desc. 295 ft., over cliffs and large boulders, on broken NW. slope.
 43.90 Spring branch, course NE.; width, 1 link. Asc. 380 ft., on broken NE. slope.
 67.40 Main divide of Hualpai Mountains bears NE. and SW. Desc. gradually.
 70.20 Ravine, course NW. Asc. along broken N. slope, 130 ft.; over perpendicular cliffs and large granite boulders, through dense timber and undergrowth.
 79.82 The cor. of secs. 19, 20, 29 and 30.

Land, mountainous.
 Soil, 4th rate.
 Timber, yellow pine and oak.
 Undergrowth, locust, oak and barberry.

40.00 West, on a random line, bet. secs. 19 and 30.
 76.98 Set temp. ¼ sec. cor.
 Intersect W. bdy. of Tp. 17 lks. N. of the cor. of secs. 19, 24, 25 and 30, described in book "B", 1.

6.50 Thence N.89°53'E., on a true line, bet. secs. 19 and 30, over rough mountainous land, through dense timber and undergrowth. Asc. on broken NW. slope.
 10.30 Spur slopes NW. about 15 chs. Desc. 70 ft., on NE. slope.
 Draw, course NW. Asc. on broken SW. slope, over cliffs and boulders.
 36.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., with brass cap, marked

S 19
 ¼ -----
 S 30
 1916

Chains

from which

A pine, 10 ins. diam., bears N.43°W., 30 lks. dist., marked $\frac{1}{4}$ S19 BT, and

A pine, 6 ins. diam., bears S.15°E., 17 lks. dist., marked $\frac{1}{4}$ S30 BT.

42.40 Junction of a ridge bearing N. and S. with spurs sloping NE. and NW. respectively. 630 ft. above draw. Desc. 160 ft., on E. slope.

50.40 Ravine, course NE. Head of same bears SW., 6 chs. dist. Asc. 100 ft., on N. slope.

64.15 Spur slopes NE. Desc. 320 ft., on NE. slope, over perpendicular cliffs and large granite boulders.

76.70 Ravine, course NE.

76.98 The cor. of secs. 19, 20, 29 and 30.

Land, rough mountainous.

Soil, rocky; 4th rate.

Timber, yellow pine.

Undergrowth, oak, locust and manzanita.

N.0°03'W., bet. secs. 19 and 20, over mountainous land, through dense undergrowth and timber. Desc. 25 ft., on N. slope.

1.00 Ravine, course NE. Desc. 460 ft., on NE. slope.

27.40 Spur slopes NE. 8 chs. Continue to descend on NE. slope.

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

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

1916

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

42.40 Spring branch, 500 ft. below spur, 1 lk. wide, course NNW. Desc. gradually along broken W. slope. Timber growth becomes scattering.

51.60 Old wood road bears NE. and SE.

55.10 Spur slopes NW. Desc. on NE. slope.

65.10 Enter bed of draw from SE., course N. Thence across "Hualpai Picnic Grounds".

73.30 Leave bed of draw, 360 ft. below spur, course NW. Leave scattering timber, bearing W. and SE., and asc. on SW. slope.

74.30 Road bears NW. to Kingman and SE. to Jack Simpson's ranch.

77.80 Low spur slopes SW. Thence along broken SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 14 ins. in the ground to bed rock, surrounded by a mound of stone, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked

T20N | R15W
S18 | S17

S19 | S20

1916

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

Land, rough mountainous.

Soil, rocky; 4th rate.

Timber, yellow pine and oak.

Undergrowth, oak, locust and oak brush.

40.00 N.89°53'E., on a random line, bet. secs. 17 and 20.

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

Intersect N. and S. line 15 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence S.89°59'W., on a true line, bet. secs. 17 and 20,

Chains

- over mountainous land, through scattering timber and dense undergrowth, over perpendicular granite cliffs and large boulders.
- 8.00 Main divide of Hualpai Mountains bears N. and S. Desc. 640 ft., on SW. slope.
- 25.90 Head of ravine, course SW. Continue to descend on broken SW. slope.
- 33.50 Leave cliffs, boulders and timber bearing NW. and SE.
- 39.50 Small ravine, 155 ft. below 25.90 ch. pt., drains S. Asc. on SE. slope.
- 39.95 Set a granite stone, 20x10x6 ins., 8 ins. in the ground, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 45.00 Head of spur, 30 ft. above ravine, slopes SW. Continue descent 675 ft., on SW. slope.
- 79.90 The cor. of secs. 17, 18, 19 and 20.

Land, rough mountainous.
 Soil, rocky; 4th rate.
 Timber, yellow pine.
 Undergrowth, oak brush and manzanita.

-
- 40.00 West, on a random line, bet. secs. 18 and 19. Set temp. $\frac{1}{4}$ sec. cor.
 - 76.91 Intersect W. bdy. of Tp. 9 lks. N. of the cor. of secs. 13, 18, 19 and 24, described in book "B",
 - Thence N.89°56'E., on a true line, bet. secs. 18 and 19, over mountainous land, through scattering timber and dense undergrowth. Asc. 385 ft., on SW. slope covered with large boulders.
 - 17.50 Spur ridge bears NW. and SE. Desc. 160 ft., on E. slope.
 - 25.40 Ravine, course NE. Head of same bears SW., 6.00 chs. dist. Thence along broken N. slope.
 - 35.90 Spur slopes NE. Desc. over large granite boulders.
 - 36.91 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 18
 $\frac{1}{4}$ -----
 S 19
 1916

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

 - 66.90 Leave large boulders and continue descent on broken NE. slope.
 - 69.00 Stream, 3 lks. wide, course NW. Asc. on broken SW. slope, through dense undergrowth, leaving timber bearing NW. and SE.
 - 69.70 Road bears NW. to Kingman and SE. to ranch.
 - 76.91 100 ft. above stream, The cor. of secs. 17, 18, 19 and 20.

Land, rough mountainous.
 Soil, rocky; 3rd rate.
 Timber, yellow pine and pinyon.
 Undergrowth, oak brush, manzanita, oak and locust.

-
- N.0°03'W., bet. secs. 17 and 18, over mountainous land, through dense undergrowth; along broken SW. slope.
 - 4.70 Draw, course SW. Asc. 70 ft., on S. slope.
 - 9.00 Spur slopes SW. Along broken SW. slope from here.
 - 25.70 Ravine, course SW. Asc. 100 ft., on S. slope.
 - 30.40 Spur, sloping SW. Thence along broken W. slope.

| Chains | |
|--------|---|
| 40.00 | Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked |
| | $\frac{1}{4}$ S18 S17 |
| | 1916 |
| | and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| 45.00 | Desc. 90 ft., on NW. slope. |
| 48.00 | Draw, course W. Asc. 360 ft., on SW. slope. |
| 64.40 | Spur slopes W. Thence along W. slope. |
| 67.40 | Desc. 300 ft., on NW. slope. |
| 79.70 | Draw, course SW. Asc. on broken S. slope. |
| 80.00 | Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bed rock, surrounded by a mound of stone, for cor. of secs. 7, 8, 17 and 18, with brass cap, marked |
| | T20N R15W S7 S8 ----- S18 S17 |
| | 1916 |
| | and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. |
| | Land, mountainous. Soil, 4th rate. No timber. Undergrowth, manzanita, locust and Spanish dagger. |
| ----- | |
| | East, on a random line, bet. secs. 8 and 17. |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor. |
| 80.00 | Intersect N. and S. line 10 lks. N. of the cor. of secs. 8, 9, 16 and 17. |
| | Thence N. $89^{\circ}56'W.$, on a true line, bet. secs. 8 and 17, over mountainous land, through dense undergrowth and scattering timber; along N. slope. |
| 1.00 | Spur slopes NW. Desc. 335 ft., on broken SW. slope. |
| 19.00 | Stream, 2 lks. wide, course NW. Asc. 160 ft., on broken E. slope. |
| 31.50 | Spur slopes N. Desc. 80 ft., on NW. slope. |
| 37.50 | Ravine, course NW. Asc. on NE. slope. |
| 40.00 | Set a granite stone, 16x10x6 ins., 14 ins. in the ground, surrounded by a mound of stone, (impracticable to set iron post) for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face, from which |
| | A pine, 6 ins. diam., bears N. $33\frac{1}{4}^{\circ}W.$, 67 lks. dist., marked $\frac{1}{4}$ S8 BT, and |
| | A pine, 16 ins. diam., bears S. $9\frac{1}{2}^{\circ}E.$, 75 lks. dist., marked $\frac{1}{4}$ S17 BT. |
| 41.70 | Spur, 80 ft. above ravine, slopes N. 12 chs. Desc. 80 ft., on NW. slope. |
| 48.70 | Ravine, course N. Asc. on NE. slope. |
| 52.60 | Leave timber, bearing NE. and SW. |
| 57.60 | S. end of saddle on spur ridge, 190 ft. above ravine, bearing SE. and NW. Desc. 490 ft., on broken NW. slope. |
| 78.00 | Draw, course SW. Desc. along S. slope, through dense undergrowth. |
| 80.00 | The cor. of secs. 7, 8, 17 and 18, |
| | Land, mountainous. Soil, rocky; 4th rate. Timber, yellow pine and pinyon. Undergrowth, oak brush, locust and quinine brush. |
| ----- | |

Subdivision of T. 20 N., R. 15 W.

Chains

West, on a random line, bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 76.94 Intersect W. bdy. of Tp. 4 lks. N. of the cor. of secs. 7, 12, 13 and 18, described in book "B", 21.

Thence N.89°58'E., on a true line, bet. secs. 7 and 18, over mountainous land, through scattering timber and dense undergrowth. Desc. 30 ft., on NE. slope.
 4.65 Bed of wash, course NW.
 6.14 Road bears NW. to Kingman and SE. to Simpson's ranch. Asc. along broken SW. slope.
 36.94 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked

S 7
 $\frac{1}{4}$ -----
 S 18
 1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 66.95 470 ft. above wash. Leave timber, bearing NE. and SW. Thence along broken S. slope.
 76.94 The cor. of secs. 7, 8, 17 and 18.

Land, rolling mountainous.
 Soil, 4th rate.
 Timber, pinyon.
 Undergrowth, oak brush and manzanita.

N.0°03'W., bet. secs. 7 and 8, over mountainous land, through scattering timber and dense undergrowth. Asc. 515 ft., on broken S. slope.
 16.70 Spur slopes SW. Thence along W. slope.
 20.00 Asc. 220 ft., on SW. slope.
 29.90 Peak on spur ridge which bears NW. and SE. Desc. on N. slope.
 39.20 Desc. on broken NE. slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{4}$
 S7 | S8
 1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 46.00 Ravine, 485 ft. below ridge, course NE. Asc. 150 ft., on SE. slope.
 53.60 Spur slopes E. Desc. 340 ft., on NE. slope, leaving scattering timber and entering dense pinyon growth.
 71.80 Ravine, course NE. Thence along E. slope.
 75.00 Leave dense timber bearing NE. and SW. Thence through scattering timber.
 80.00 Set a granite stone, 20x10x8 ins., 16 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked with five notches on each of S. and E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. No iron post available.

Land, mountainous.
 Soil, rocky; 4th rate.
 Timber, pinyon.
 Undergrowth, oak brush, manzanita and quinine brysh.

East, on a random line, bet. secs. 5 and 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Intersect N. and S. line 13 lks. N. of the cor. of secs.

Chains

4, 5, 8 and 9.

- Thence N. 89° 54' W., on a true line, bet. secs. 5 and 8, over mountainous land, through dense undergrowth and scattering timber. Asc. 35 ft., on NE. slope.
- 7.30 Spur slopes NW. Desc. 170 ft., on SW. slope.
- 16.10 Draw, course NW. Asc. on NE. slope.
- 23.50 Spur slopes NW. Desc. 100 ft., on broken W. slope.
- 33.10 Bed of wash, 100 lks. wide, course NW. Asc. on broken NE. slope.
- 40.04 Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground, surrounded by a mound of stone, (impracticable to set post farther in the ground) for $\frac{1}{4}$ sec. cor., with brass cap, marked
- S 5
 $\frac{1}{4}$ -----
S 8
1916
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 43.60 Spur, 200 ft. above wash, slopes N. Desc. 90 ft., on W. slope.
- 49.60 Draw, course N. Asc. 235 ft., on broken E. slope.
- 64.00 Spur slopes N. Enter dense timber, bearing NE. and SW.
- 71.30 Draw, course N. Ascend NE. slope. and SW. Thence along N. slope.
- 74.00 Leave dense timber, bearing NE. and SW. Thence scattering timber.
- 80.08 The cor. of secs. 5, 6, 7 and 8, 275 ft. above draw. Land, mountainous. Soil, rocky, 4th rate. Timber, pinyon. Undergrowth, oak brush, manzanita and quinine brush.

-
- West, on a random line, bet. secs. 6 and 7.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 76.85 Intersect W. bdy. of Tp. 8 lks. S. of the cor. of secs. 1, 6, 7 and 12, described in book "B" of,
- Thence S. 89° 57' E., on a true line, bet. secs. 6 and 7, over rolling land, through dense undergrowth and scattering timber; along broken N. slope.
- 15.75 Draw, course N.
- 27.85 Draw, course NW. Asc. on NW. slope, over mountainous land.
- 36.85 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bed rock, surrounded by a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap, marked
- S 6
 $\frac{1}{4}$ -----
S 7
1916
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
- 39.15 Low spur slopes SW. 10 chs. Thence along S. slope.
- 45.75 Ravine, course SW. Asc. 290 ft., on broken SW. slope.
- 54.65 Spur slopes NW. Enter dense timber, bearing NW. and S. Thence along N. slope.
- 71.85 Spur slopes N. Leave dense timber, bearing N. and S., and desc. 90 ft., on E. slope, through scattering timber.
- 76.85 The cor. of secs. 5, 6, 7 and 8.
- Land, rolling in W. 28 chs., and mountainous in E. part. Soil, rocky; 4th rate. Timber, Pinyon. Undergrowth, oak brush, manzanita, quinine brush, and Spanish dagger.
-

Subdivision of T. 20 N., R. 15 W.

Chains

N.0°03'W., on a true line, bet. secs. 5 and 6, over mountainous land, through scattering pinyon timber and dense undergrowth. Asc. 25 ft., along broken E. slope.

5.20 Spur slopes NE. Desc. on NW. slope, through dense timber, bearing NE. and SW.

15.00 Desc. on broken N. slope.

33.00 Ravine, 720 ft. below spur, course NW. Asc. 40 ft., on SW. slope, through juniper and pinyon timber.

36.50 Spur slopes NW. about 10 chs. Desc. on NE. slope.

37.72 SW. cor. of Davis' ranch house bears N.12°W.

SW. cor. of Davis' barn bears N.9°20'W.

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

S6 | S5
1916

from which

A pinyon, 10 ins. diam., bears N.64 1/2°E., 59 lks. dist., marked 1/4 S5 BT, and

A pinyon, 12 ins. diam., bears S.46 1/2°W., 61 lks. dist., marked 1/4 S6 BT.

50.00 Leave mountainous land, bearing E. and W., and thence over rolling land, descending gradually on N. slope.

53.60 Fence bears NE. and SW.

79.19 Intersect 5th St. Par. N. 8.20 chs. W. of the true point for standard 1/4 sec. cor. on S. bdy. of sec. 32, witnessed by a 1 in. iron post with brass cap, marked and witnessed as described by the surveyor general.

At point of intersection

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

S32
C | C
S6 | S5
T20N | R15W
1916

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

Land, mountainous in S. 50 chs., and rolling in N. part. Soil, rocky; 4th rate.

Timber, pinyon and juniper.

Undergrowth, oak brush, manzanita, quinine brush and Spanish dagger.



| Latitudes, Departures and Closing Errors. | | | | | | |
|---|---------------|---------------|--------------------|------------|------------|------------|
| Line designated | True Course | Dist. Chs. | Latitudes | | Departures | |
| | | | N. chs. | S. chs. | E. chs. | W. chs. |
| South Boundary | S. 89° 56' W. | 477.08 | | .55 | | 477.08 |
| West Boundary | North | 479.15 | 479.15 | | | |
| North Boundary, (5th St. Par. N.) | East | 476.01 | | | 476.01 | |
| East Boundary | South | 478.34 | | 478.34 | | |
| Convergency | | | | | .51 | |
| Totals | | | 479.15 | 478.89 | 476.52 | 477.08 |
| | | | 478.89 | | | 476.52 |
| Error in Latitude | | | .26 | | | |
| | | | Error in Departure | | | .56 |

General Description.

This township is very mountainous and rugged. The main ridge of the Hualpai Mountains traverses it from north to south, Hualpai Peak, in section 32, and Deane Peak, in section 16, being very prominent eminences.

The soil is rocky; 2nd to 4th rate, supporting dense growth of oak brush, manzanita, and varied desert mountain shrubbery, with yellow and pinyon pine timber on the high ridges, and scrub oak and walnut in and along the washes. There are numerous mineral indications, and several prospects are being developed.

Water is not plentiful.

Jack Simpson has a ranch in section 28, and a road leads from this ranch northwesterly to Kingman. There is also a road along the E. side of the township from Wheeler Wash to Kingman, and a very poor road from Wheeler Wash south to Moss Wash.

SUBDIVISION OF
TOWNSHIP 20 NORTH, RANGE 15 WEST.

DATE DIAGRAM.

5th Standard Parallel North.

| | | | | | | | |
|---------|---------------|---------------|---------------|---------------|---------------|---------------|--------|
| 5-27-16 | 6 6-19-16 | 5 6-17-16 | 4 6-22-16 | 3 6-24-16 | 2 6-21-16 | 1 6-21-16 | 2-2-76 |
| 5-27-16 | 7 6-14-16 | 8 6-15-16 | 9 6-16-16 | 10 6-20-16 | 11 6-16-16 | 12 6-22-16 | 2-2-76 |
| 5-26-16 | 18 6-9-16 | 17 6-12-16 | 16 6-12-16 | 15 6-19-16 | 14 6-15-16 | 13 6-13-16 | 2-2-76 |
| 5-26-16 | 19 6-2-16 | 20 6-5-16 | 21 6-6-16 | 22 6-7-16 | 23 6-12-16 | 24 6-9-16 | 2-2-76 |
| 5-25-16 | 30 6-1-16 | 29 5-2-16 | 28 5-27-16 | 27 5-31-16 | 26 6-7-16 | 25 6-8-16 | 2-1-16 |
| 5-24-16 | 31 5-16-16 | 32 5-22-16 | 33 5-22-16 | 34 5-29-16 | 35 4-21-16 | 36 4-21-16 | 2-1-16 |

Lines dated in red were surveyed by Albert Smith, Jr.,
U. S. Surveyor.

Lines dated in black were surveyed by Ray D. Armstrong,
U. S. Transitman.

Lines dated in green were surveyed by William L. Nash,
U.S. Transitman.

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

FINAL OATH OF UNITED STATES SURVEYOR.

BOOK 3131

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 20 NORTH, RANGE 15 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Albert Smith, Jr., U.S. Surveyor, & Ray D. Armstrong, 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.

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.~~