

3136

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BOOK 3136

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Book "D."

(Subdivisions)

FIELD NOTES

OF THE SURVEY OF THE

3136

Retracement and Resurvey of the West boundary, of T.22N-R.17W.

Resurvey of the South boundary, of T.23N-R.18W.

and Survey of the Subdivision Lines, of

Township 22 North, Range 18 West,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Theo. O. Johnston, U.S. Surveyor.

and

Edward O. Lyman, U. S. Transitman.

~~In the capacity of U. S. Surveyor~~, under instructions dated Jan. 6, 1915,

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

Group No. 44, which were approved by the Commissioner of the General Land

Office, Jan. 26, 1915.

Retracement,

Resurvey & Survey commenced February 15, 1915.

Retracement,

Resurvey & Survey completed February 24, 1915.

Executed under Assignment

Instructions dated Jan. 31, 1915.

3136

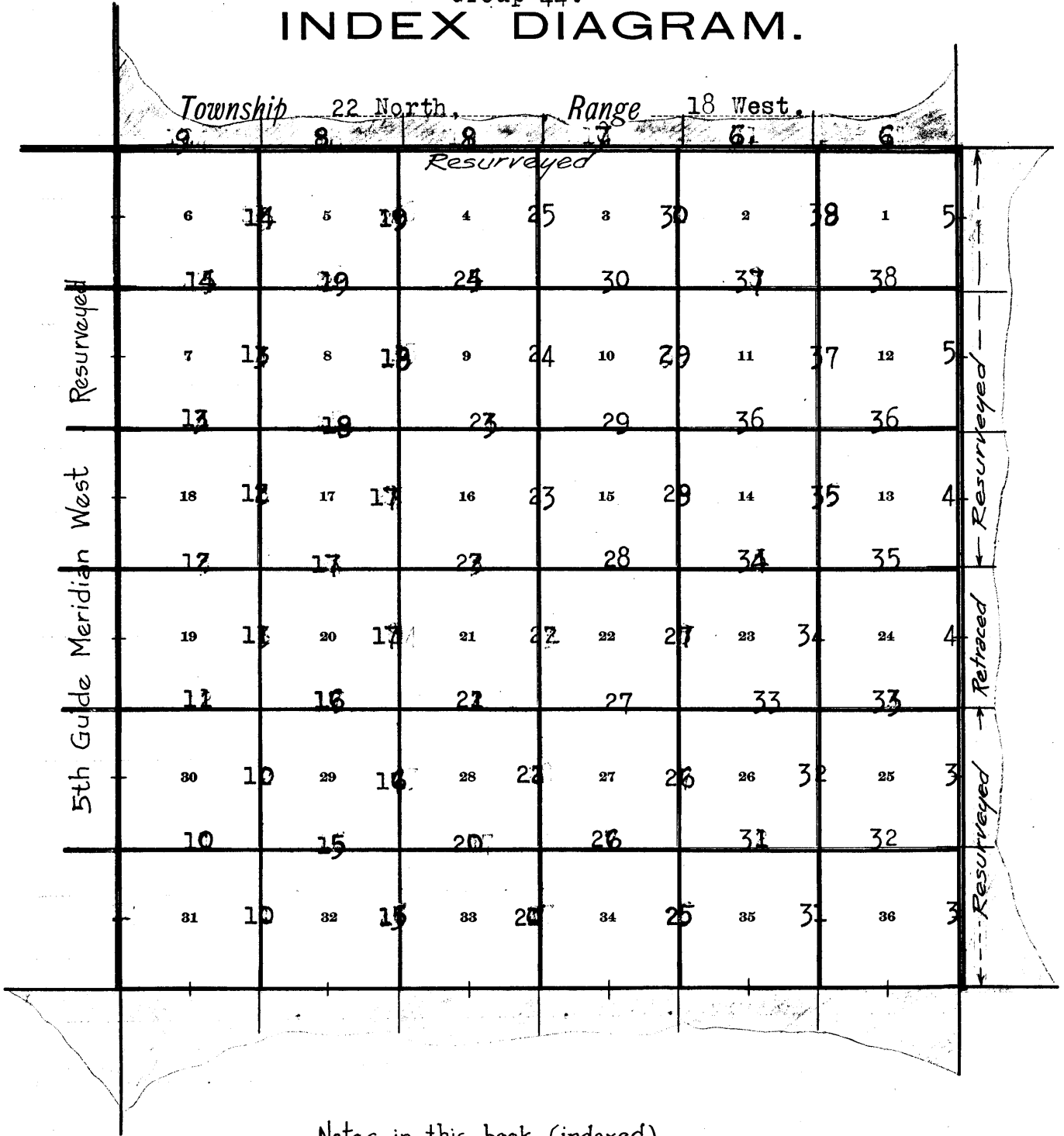
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BOOK 3136

Book No 3136

Book "D."
(Subdivisions)
Group 44.

INDEX DIAGRAM.



- Notes in this book (indexed)
- Notes in book "B", Group 44.
- Notes in book "D" Group 44.
- Notes in book "C" Group 44.
- Accepted surveyed lines.
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Retracement and Resurvey of W. bdy. of Township 22 North, Range 17 W.
Resurvey of South bdy. of Township 23 North, Range 18 West, and
Survey of the Subdivision of Township 22 North, Range 18 West.

16

Chains.

Retracement, resurvey and survey commenced Feb. 15, 1915, and executed by Theo. O. Johnston, U.S. Surveyor, using a Young and Sons' light mountain transit No. 8493, and Edward O. Lyman, U.S. Transitman, using a Young and Sons' light mountain transit No. 8490. The description of both instruments, with record of approval by the assistant supervisor of surveys, and field tests, will be found in Book "A."

All measurements made with steel tapes and clinometers. The initials T.O.J. and E.O.L. are inserted in the following notes at the beginning of those portions of the notes describing the surveys executed by Theo. O. Johnston and Edward O. Lyman, respectively.

We examine the adjustments of the instruments, and correct the level and collimation errors; and initiate the surveys of the township using transit lines projected by carefully measured angles from the meridian determined by observation on Polaris at western elongation, near the SW. cor. of sec. 35, in T. 21 N., R. 17 W., and described in Book "B."

Preliminary to commencing the subdivision of this township, we retrace and resurvey the W. bdy. of Tp. 22 N., R. 17 W., and the S. bdy. of Tp. 23 N., R. 18 W., as follows:

T.O.J.
E.O.L.

Retracement of West bdy. of Township 22 North, Range 17 W.

E.O.L.

Feb. 15, 1915.

From old cor. of Ts. 21 and 22 N., Rs. 17 and 18 W., which is a granite stone, 10x8x7 ins. above ground, marked and witnessed as described by the surveyor general, I run, North, on a random line, bet. secs. 31 and 36, and 25 and 30, making diligent search for the old cors. at intervals of 40.00 chs., and setting temp. cors., and at

159.40 Fall 11.92 chs. west of the old cor. of secs. 19, 24, 25 and 30, which is a partially decayed post in a mound of stone, marked and witnessed as described by the surveyor general.

Therefore the true course and distance for each of these miles is N. 4° 17' E., 79.92 chs.

40.16 North, on a random line, bet. secs. 19 and 24. Fall 3.46 chs. W. of the old $\frac{1}{4}$ sec. cor., which is a granite stone, 12x10x10 ins., in a mound of stone, marked and witnessed as described by the surveyor general. Therefore, the true course and distance for this half mile is N. 4° 55' E., 40.31 chs.

40.45 From this cor., I run, North, on a random line, bet. secs. 19 and 24 (North half). Fall 3.71 chs. W. of the cor. of secs. 13, 18, 19 and 24, which is a stone in place, 24x20x18 ins. above ground, with a mound of stone west, and marked and witnessed as described by the Surveyor General. Therefore, the true course and distance for this half mile is N. 5° 14' E., 40.62 chs.

40.00 North, on a random line, bet. secs. 13 and 18. After diligent search fail to find old $\frac{1}{4}$ sec. cor. Set temp. cor.

80.00 After diligent search fail to find old cor. of secs. 7, 12,

2. Retracement of West bdy. of Township 22 North, Range 17 W.

Chains.

13 and 18. Set temp.cor.

Feb. 15, 1915.
E.O.L.

T.O.J.

Feb. 17, 1915.

At my camp, near the SW.cor. of sec. 22, T22NR18W, in lat. $35^{\circ} 16.5'$ N., longitude $114^{\circ} 11'$ W., at 9h. 36.9m. p.m., l.m.t., I observe Polaris at western elongation, in accordance with instructions in the Manual, and mark a point in the line thus determined by a tack driven in a wooden stake firmly set in the ground, 5 chs. N. of my station.

Feb. 17, 1915.

Feb. 18, 1915.

At 7h. 30m. a.m., l.m.t., I lay off the azimuth of Polaris $1^{\circ} 23.5'$ to the east, and mark a point in the meridian thus determined by cutting a groove in a stone firmly set in the ground east of the point established last night.

The magnetic bearing of the meridian, at 7h. 40m. a.m., is $N. 15^{\circ} 15' W.$; the angle thus determined gives the magnetic decl. $15^{\circ} 15' E.$

T.O.J.

T.O.J.

E.O.L.

We survey and resurvey all lines hereinafter described by transit lines deflected from the meridian established as above described, and projected by carefully measured angles, throughout the township.

T.O.J.
E.O.L.

E.O.L.

Feb. 18, 1915.

From the 80.00 ch. point established as temporary cor. of secs. 7, 12, 13 and 18, I run,

40.00 North, on a random line, bet. secs. 7 and 12.
After diligent search, fail to find old $\frac{1}{4}$ sec. cor. Set temp. cor.

77.82 Fall 14.06 chs. E. of old cor. of secs. 1, 6, 7 and 12, which is a granite stone, $24 \times 10 \times 6$ ins., firmly set in a mound of stone, marked and witnessed as described by the surveyor general.

Therefore the true course and distance between secs. 13 and 18, and bet. secs. 7 and 12 is $N. 5^{\circ} 05' W.$, 79.22 chs.

40.00 North, on a random line, bet. secs. 1 and 6.
Set temp. $\frac{1}{4}$ sec. cor. After diligent search, fail to find old $\frac{1}{4}$ sec. cor.

88.27 Fall 6.32 chs. east of old cor. of Ts. 22 and 23 N. Rs. 17 and 18 W., which is a granite stone, $24 \times 14 \times 5$ ins., firmly set in a mound of stone, marked and witnessed as described by the surveyor general.

Therefore, the true course and distance for this mile is $N. 4^{\circ} 06' W.$, 88.50 chs.

Feb. 8, 1915.
E.O.L.

Retracement and Resurvey of West bdy. of Township 22 N., R. 17 W. 3.

Chains.

Resurvey.

T.O.J.
Feb. 22, 1915.
From old cor. of Ts. 21 and 22 N., Rs. 17 and 18 W., hereinbefore described, I run,
N. 4° 17' E., bet. secs. 31 and 36.

5.00 Over rolling land, through scattering undergrowth.
Center of wash, 30 lks. wide, course SW.

36.10 Wash, 60 lks. wide, course W.

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

$\frac{1}{4}$ in N.,
S 31 in E., and
S 36 in W. half; and
1915 in S. rim;

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

42.45 Wash, 20 lks. wide, course SW.

70.00 Top of low ridge, bears E. and W. Descend N. slope.

78.35 Bottom of ravine, course W. Ascend S. slope.

79.92 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 25, 30, 31 and 36, with brass cap, marked

T 22 N in N. half;
R 18 W S 25 in NW.,
R 17 W S 30 in NE.,
S 31 in SE., and
S 36 in SW. quadrant; and
1915 in S. rim;

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

Land, rolling.
Soil, gravelly and rocky, 4th rate.
No timber.
Undergrowth, cactus, catclaw and sage.

N. 4° 17' E., bet. secs. 25 and 30.
Over rolling land, through scattering undergrowth.

4.00 Low ridge, bears E. and W. Descend N. slope.

9.00 Bottom of ravine, course W. Thence over rolling land.

30.00 Wash, 20 lks. wide, course W.

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

$\frac{1}{4}$ in N.,
S 25 in W., and
S 30 in E. half; and
1915 in S. rim;

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

40.45 Wash, 10 lks. wide, course SW.

55.00 Leave rolling land, and ascend over SW. slope. Leave undergrowth, which bears E. and W.

70.25 Spur 320 ft. above ft. of slope, extends W. Descend NW. slope 100 ft. to

79.92 Old cor. of secs. 19, 24, 25 and 30, hereinbefore described. With original cor.,

Set an iron post, 3 ft. long, 3 ins. in diam., in a mound of stone, for reestablished cor. of secs. 19, 24, 25 and 30, with brass cap, marked,

T 22 N in N. half;
R 18 W S 24 in NW.,
R 17 W S 19 in NE.,
S 30 in SE., and
S 25 in SW. quadrant; and
1915 in S. rim;

4. Retracement and Resurvey of W. bdy. of T. 22 N., R. 17 W.

Chains,

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

Land rolling for south 55.00 chs., and mountainous for balance of line.

Soil, rocky, 4th rate.

No timber.

Undergrowth, cactus and catclaw.

Feb. 22, 1915.

T.O.J.

Retracement.

E.O.L.

Feb. 15, 1915.

N. $4^{\circ}55'$ E., bet. secs. 19 and 24.

Over roughly rolling land, through scattering undergrowth.

8.85 West point of low spur projects SW.

11.75 Center of wash, 50 lks. wide, course SW.

21.40 Road bears E. and W.

26.65 Wash, course W.

26.85 Ascend W. end of low ridge, which projects west.

40.31 Old sec. cor., hereinbefore described.

N. $5^{\circ}14'$ E., bet. secs. 19 and 24 (North half).

2.50 Wash, course SW.

10.00 Top of low spur, which extends west. Descend N. slope.

34.70 Center of wash, course W.

37.88 Intersect line 4-1, Storm Cloud Lode, Survey No. 2461, at a point 9.38 chs. S. $42^{\circ}16'$ W. of cor. No. 1.

40.62 Old cor. of secs. 13, 18, 19 and 24, hereinbefore described. Land, roughly rolling.

Soil, sandy and stony, 4th rate.

No timber.

Undergrowth, cactus, catclaw and greasewood

Feb. 15, 1915.

E.O.L.

RESURVEY.

T.O.J.

Feb. 23, 1915.

N. $5^{\circ}05'$ W., bet. secs. 13 and 18.

Over mountainous land, on steep west slope.

10.00 Ascend steep rocky SW. slope.

10.70 Intersect line 2-3, Storm Cloud lode, Survey No. 2461, at a point 2.09 chs. S. $42^{\circ}22\frac{1}{2}'$ E. of cor. No. 2.

33.60 Top of ridge, 490 ft. above ft., at 10.00 chs., bears N. 70° W., and S. 70° E. Descend NE. slope, 70 ft. to

39.61 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., with brass cap, marked (knowing that a closing pertaining to secs. 12 and 13 will be necessary) for cor. of two quarters of one section as follows:

$\frac{1}{4}$ S 18 in E. half, and

1915 in S. rim;

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

71.35 Ravine, 670 ft. below $\frac{1}{4}$ sec. cor., course N; 60° W. Ascend SW. slope, 50 ft. to

79.22 Set an iron post 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished cor. of secs. 7 and 18, with brass cap, marked (knowing that a closing cor. pertaining to secs. 12 and 13 will be necessary),

T 22 N S 7 in NE., and

S 18 R 17 W in SE. quadrant; and

1915 in S. rim;

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

Land, mountainous.

Soil, rocky, 4th rate.

No timber.

Retracement and Resurvey of W. bdy. of Township 22 N., R. 17 W. 5.

Chains.

N. 5° 05' W., on W. bdy. of sec. 7.
 Descend rocky N. slope, over mountainous land, through scattering undergrowth.
 3.48 Road from Cerbat to Kingman, bears E. and W.
 4.00 Foot of descent, 85 ft. below sec. cor.
 Thence across flat.
 16.20 Wash, 50 lks. wide, course W.
 23.30 SE. cor. of John Brown's house, bears W. about 12 chs. dist.
 25.00 Ascend over broken rocky S. slope, 220 ft. to
 39.61 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 7 in E. half; and
 1915 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
 41.05 Old road, brs. NW. and SE.
 60.25 Ridge, 300 ft. above $\frac{1}{4}$ sec. cor., bears E. and W. Descend N. slope.
 70.26 Gulch, 190 ft. below ridge, course W.
 Ascend S. slope, 70 ft. to
 79.22 Old cor. of secs. 1, 6, 7 and 12, hereinbefore described, which I change to a cor. of 2 secs., pertaining solely to secs. 6 and 7, by raising a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
 Land, mountainous and rolling.
 Soil, rocky and gravelly, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, and greasewood.
 Feb. 23, 1915.

 Feb. 24, 1915.
 N. 4° 06' W., on W. bdy. of sec. 6.
 Ascend over mountainous land, 110 ft. to
 7.00 Thence descend 150 ft. to
 13.65 Gulch, course W.
 Ascend SW. slope.
 34.80 Ridge, 240 ft. above gulch, bears N. 70° W., and S. 70° E.
 Thence along E. slope.
 44.25 40 ft. below ridge,
 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 6 in E. half; and
 1915 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
 45.00 Descend over broken NW. slope, 525 ft. to
 78.30 Gulch, course NW. Drainage from Golconda mine, forming a stream 3 lks. wide, 1 inch deep, in bottom.
 80.40 Road from Mineral to Golconda Mine, brs. NW. and SE.
 Ascend SW. slope, 100 ft. to
 88.50 Old cor. of Ts. 22 and 23 N., Rs. 17 and 18 W., hereinbefore described. With the original cor.,
 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of Ts. 22 and 23 N., Rs. 17 and 18 W., with brass cap, marked
 T 23 N in N. half;
 T 22 N in S. half,
 R 18 W S 36 in NW.,
 R 17 W S 31 in NE.,
 S 6 in SE., and
 S 1 in SW. quadrant; and
 1915 in S. rim;
 and raise a mound of stone, 4 ft. base, 3 ft. high, S. of cor.
 Land, mountainous. Soil, rocky, 4th rate.
 No timber.
 Feb. 24, 1915.
 T.O.J.

6. Retracement and Resurvey of South bdy. of T. 23 N., R. 18 W.

Chains

Retracement.

E.O.L.

Feb. 19, 1915.

From the reestablished cor. of Ts. 22 and 23 N., Rs. 17 and 18 W., hereinbefore described,

West, on a random line, bet. secs. 1 and 36, 2 and 35, and 3 and 34, making diligent search for the old cors. at intervals of 40.00 chs., and setting temp. points; and at

236.04 Fall 56 lks. N. of the old cor. of secs. 3, 4, 33 and 34.
Feb. 19, 1915.

Feb. 23, 1915.

From this cor., I run,

West, on a random line, bet. secs. 4 and 33 and 5 and 32, making diligent search for the old cors. at intervals of 40.00 chs., and setting temp. points; and at

161.04 Fall 212 lks. N. of the old cor. of secs. 5, 6, 31 and 32.

From this cor., I run,

West, on a random line, bet. secs. 6 and 31.

40.00 Set temp. point. No trace of old $\frac{1}{4}$ sec. cor.

80.51 Fall 44 lks. N. of the old cor. of Ts. 22 and 23 N., Rs. 18 and 19 W.

Feb. 23, 1915.

E.O.L.

Resurvey.

T.O.J.

Feb. 24, 1915.

From the reestablished cor. of Ts. 22 and 23 N., Rs. 17 and 18 W., hereinbefore described,

S. 89° 52' W., on a true line, bet. secs. 1 and 36.

Over mountainous land, descending west slope, through scattering undergrowth.

7.15 Road from Goldonda to Mineral, bears NW. and SE.

9.74 Stream from the Golconda Mine, 2 lks. wide, course NW. 130 ft. below the Tp. cor.

14.30 House bears N. 6.50 chs. dist.

17.87 Wash, 4 lks. wide, course N. 60° E.

19.60 Spur brs. NE.

34.36 Spur 280 ft. above stream, bears N. 20° E.; thence along steep, rocky N. slope.

39.34 Set an iron post 3 ft. long, 1 in. in diam., in a mound of stone for reestablished $\frac{1}{4}$ sec. cor., with brass cap, marked

$\frac{1}{2}$ S 36 in N half;

S 1 in S. half; and

1915 in S. rim;

and raise a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Impracticable to set cor. in the ground on account of stone.

41.10 Top of rocky spur, bears N. Descend steep NW. slope.

47.12 Mouth of mine tunnel bears N. 70 lks. dist.

68.41 Wash, 4 lks. wide, course NW.

78.68 Point 490 ft. below spur noted at 41.10 chs.

Set a granite stone, 18x8x7 ins., 12 ins. in the ground, for reestablished cor. of secs. 1, 2, 35 and 36, marked with 1 groove on the E. and 5 grooves on the W. edges, and raise a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Impracticable on account of expense, inconvenience and loss of time to set an iron post.

Land, mountainous.

Soil, rocky and sandy, 4th rate.

No timber.

Undergrowth, cactus, catclaw and greasewood.

S. 89° 52' W., bet. secs. 2 and 35.

Over rolling land, on general NW. slope, through scattering undergrowth.

13.32 Wash, 35 lks. wide, course S. 65° W.

Resurvey of South bdy. of Township 23 North, Range 18 West

Chains.

21.85 Road from Golconda to Mineral bears NE. and SW.
 29.42 Wash, 15 lks.wide. course SW.
 39.34 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec.cor., with brass cap, marked
 $\frac{1}{4}$ S 35 in N.half;
 S 2 in S.half, and
 1915 in S.rim;
 dig pits, 18x18x12 ins., E.and W.of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 51.97 Road from Kingman to Chloride, bears N.15°E. and S.15°W.
 59.92 Wash, 6 lks.wide, course S.60° W.
 68.72 Road from Kingman to Mineral, bears N.20°W. and S.20°E
 78.68 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor.of secs. 2, 3, 34 and 35, with brass cap, marked
 T 23 N S 34 in NW.,
 R 18 W S 35 in NE.,
 S 2 in SE., and
 S 3 in SW. quadrant;
 T 22 N in S.half; and
 1915 in S.rim;
 and raise a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.high, W. of cor.
 Land, rolling.
 Soil, sandy and rocky, 4th rate.
 No timber.
 Undergrowth, cactus and catclaw.

S.89° 52' W., bet. secs. 3 and 34.
 Over rolling land, through scattering brush.
 9.94 Wash, carrying drainage from the Golconda mine; course SW.
 10.29 West bank of wash, 8.00 chs.wide, course SW.
 39.34 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for reestablished $\frac{1}{4}$ sec.cor., with brass cap marked
 $\frac{1}{4}$ S 34 in N.half;
 S 3 in S half; and
 1915 in S.rim;
 and raise a mound of stone, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N.of cor.
 42.00 Draw, 12 ft.deep, 4 chs.wide, course SW.
 46.94 Wash, 8 lks.wide, course SW.
 65.50 Road to Mineral, brs.N.50°E. and S.50°W.
 78.68 The old cor.of secs.3,4,33 and 34, which is a granite stone, 14x10x7 ins., on top of the ground, in poor condition, properly marked and witnessed, as described by the Surveyor General. In place of stone I set an iron post, 3 ft.long, 3 ins.in diam., 24 ins. in the ground for reestablished cor.of secs.3,4,33 and 34, with brass cap, marked.
 T 23 N S 33 in NW.,
 R 18 W S 34 in NE.,
 S 3 in SE., and
 S 4 in SW.quadrant;
 T 22 N in S.half; and
 1915 in S.rim;
 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, rolling.
 Soil, sandy and gravelly, 4th rate.
 No timber.
 Undergrowth, catclaw and cactus.

Feb. 24, 1915.
T.O.J.

8. Resurvey of S. bdy. of Township of Township 23 N., R. 18 W.

Chains.

E.O.L.

Feb. 24, 1915.

S. 89° 15' W., bet. secs. 4 and 33.

Over rolling land, through scattering undergrowth.

8.89 Telegraph line. bears N. 17° W. and S. 17° E.

9.53 Arizona and Utah railroad bears N. 17° W. and S. 17° E.; trestle about 2.00 chs. N.; about 3.00 chs. N. the road curves to the N.

11.90 Wash, 12 lks. wide, course S. 30° W.

17.70 Old road from Kingman to Chloride, bears N. and S.

30.70 Wash, 15 lks. wide, course SW.

37.50 Telephone line brs. N. 30° W., and S. 30° E.

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

$\frac{1}{4}$ S 33 in N. half,
S 4 in S. half; and
1915 in S. rim;

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

80.53 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of secs. 4, 5, 32 and 33, with brass cap, marked

T 23 N S 32 in NW.,
R 18 W S 33 in NE.,
S 4 in SE, and
S 5 in SW. quadrant;
T 22 N in S. half; and
1915 in S. rim;

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

Land, rolling.

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

No timber.

Undergrowth, cactus, catclaw and greasewood.

S. 89° 15' W., bet. secs. 5 and 32.

Over gently rolling ground, general slope to SW.

16.85 Old road, bears N. 60° E. and S. 60° W.

31.70 Wash, 25 lks. wide, course SW.

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

$\frac{1}{4}$ S 32 in N. half;
S 5 in S. half; and
1915 in S. rim;

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

74.40 Wash, 35 lks. wide, course S. 40° W.

80.53 The old cor. of secs. 31, 32, 5 and 6, which is a granite 12x10x6 ins., set 8 ins. in the ground, marked and witnessed, as described by the Surveyor General.

With stone I set an iron post, 3 ft. long, 3 ins. in diam.,
24 ins. in the ground, for reestablished cor. of secs.
5, 6, 31 and 32, with brass cap, marked

T 23 N S 31 in NW.,
R 18 W S 32 in NE.,
S 5 in SE., and
S 6 in SW. quadrant;
T 22 N in S. half; and
1915 in S. rim;

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, rolling.

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

No timber.

Undergrowth, cactus, greasewood, and catclaw.

Resurvey of South Bdy. of Township 23 North, Range 18 West. 9.

Chains.

S. $89^{\circ} 41'$ W., bet. secs. 6 and 31.

Over rolling land, through scattering undergrowth.

20.75 Road from Chloride to Union bears N. 25° W., and S. 25° E.40.76 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 31 in N. half;

S 6 in S. half; and

1915 in S. rim;

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

67.90 Wash, 15 lks. wide, course SW.

80.51 The old cor. of Ts. 22 and 23 N., Rs. 18 and 19 W., which is a catclaw post, 2 ins. sq., 3 ft. long, marked and witnessed as described by the Surveyor General, set in a mound of stone and nearly destroyed by time.

In place of post, I set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for reestablished cor. of Ts. 22 and 23 N., Rs. 18 and 19 W., with brass cap, marked,

T 23 N in N. half;

T 22 N in S. half;

R 19 W S 36 in NW.,

R 18 W S 31 in NE.,

S 6 in SE., and

S 1 in SW. quadrant; and

1915 in S. rim;

dig pits, 24x24x12 ins., on each line, N., E. and W. 4 ft. and S. of cor., 8 ft. dist., and raise a mound of earth 5 ft. base, $2\frac{1}{2}$ ft. high, S. of cor.

Land, rolling.

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

No timber.

Undergrowth, catcus and greasewood.

Feb. 24, 1915.

E.O.L.

10. Subdivision of Township 22 North, Range 18 West.

Chains.

- T.O.J.
Feb. 19, 1915.
From the corner of secs. 5, 6, 31 and 32 on S. bdy. of Tp., which is a malpais stone 10x6x6 ins. above ground, marked and witnessed, as described by the surveyor general, (reestablished in 1910).
N.0° 01' E., bet. secs. 31 and 32.
Over rolling land, through scattering undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 31 in W., and S 32 in E. half; and 1915 in S. rim;
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 79.00 Center of wash, 2 ft. deep, course SW.
- 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 brass cap, marked
T 22 N S 30 in NW.,
R 18 W S 29 in NE.,
S 32 in SE., and
S 31 in SW. quadrant; and
1915 in S. rim;
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, rolling.
Soil, sandy, 4th rate.
No timber.
Undergrowth, cactus, sage, and greasewood.
-
- Thence I run,
S.89°58' W., on a random line, bet. secs. 30 and 31.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.51 Intersect the west bdy. of Tp. (5th. Guide Meridian West) 6 lks. N. of cor. of secs. 25, 30, 31 and 36, reestablished as described in Book "B."
- Thence I run,
N.89° 55' E., on a true line, bet. secs. 30 and 31.
Over rolling land, through scattering undergrowth.
- 39.51 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 30 in N., and S 31 in S. half; and 1915 in S. rim;
dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 68.50 Center of wash, 20 lks. wide, course SW.
- 71.40 Center of wash, 30 lks. wide, course SW.
- 79.51 The cor. of secs. 29, 30, 31 and 32.
Land, rolling.
Soil, sandy, 4th rate.
No timber.
Undergrowth, cactus, greasewood and yucca.
-
- N.0° 01' E., bet. secs. 29 and 30.
Over rolling land, through scattering undergrowth.
- 5.50 Center of wash, 1.00 ch. wide, course SW.

Subdivision of Township 22 North, Range 18 West. 11.

Chains.

19.40 Center of wash, 2.00 chs.wide, course SW.
 20.00 Same wash, course SE., line runs up same.
 37.70 Mouth of wash from NE.
 40.00 Point for $\frac{1}{4}$ sec.cor. falls in wash.
 40.75 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for witness cor.to $\frac{1}{4}$ sec.cor.,with brass cap, marked,
 $\frac{1}{4}$ in N.,
 S 30 in W.,
 S 29 in E.half; and
 W C in S.half; and
 1915 in S.rim;
 dig pits,18x18x12 ins., N. and S. of cor. 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W.of cor.

49.30 Center of same wash, course SW.
 59.50 Center of same wash, course SE.
 62.40 Same wash, course SW.
 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 brass cap, marked
 T 22 N S 19 in NW.,
 R 18 W S 20 in NE.,
 S 29 in SE., and
 S 30 in SW~quadrant; and
 1915 in S.rim;
 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,rolling.
 Soil, sandy, 4th rate.
 Timber, none.
 Undergrowth, cactus, greasewood and sage.

The cor.of secs.19,24,25 and 30 is visible;therefore run, S.89°58' W.,on a random line, bet. secs. 19 and 30.

40.00 Set temp. $\frac{1}{4}$ sec.cor.
 79.51 The cor.of secs.19,24, 25 and 30, on W.bdy.of Tp.(5th. Guide Meridian West) reestablished as described in Book "B."
 Thence I run,
 N.89° 58' E., on a true line, bet. secs. 19 and 30.
 Over rolling land, through scattering undergrowth.

39.51 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked
 $\frac{1}{4}$ S 19 in-N., and
 S 30 in S.half; and
 1015 in S.rim;
 dig pits 18x18x12 ins., E.and W.of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, north of cor.

79.51 The cor.of secs. 19,20, 29 and 30.
 Land, rolling.
 Soil, sandy, 4th rate.
 No timber.
 Undergrowth, cactus, yucca and sage.
 Feb. 19,1915.
 T.O.J.

E.O.L.
 Feb.20,1915.
 N.0° 01'E., bet. secs.19 and 20.
 Over rolling land, through scattering undergrowth.

12. Subdivision of Township 22 North, Range 18 West.

Chains

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 19 in W., and
 S 20 in E. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap, marked
 T 22 N S 18 in NW.,
 R 18 W S 17 in NE.,
 S 20 in SE., and
 S 19 in SW. quadrant; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
 Land, gently rolling plain, draining to S.
 Soil, loose, sandy yellow clay loam, 18 ins. deep; 2nd rate.
 No timber.
 Undergrowth, greasewood and cactus.

- 40.00 S. $89^{\circ} 58'$ W., on a random line, bet. secs. 18 and 19.
 Set temp. $\frac{1}{4}$ sec. cor.
- 79.55 Intersect the West bdy. of Tp. (5th. Guide Mer. W.) 16 lks. N. of the cor. of secs. 13, 18, 19 and 24, reestablished as described in Book "B."
 Thence I run,
 N. $89^{\circ} 51'$ E., on a true line, bet. secs. 18 and 19, across gently rolling plain, draining to the SW., through scattering undergrowth
- 39.55 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 18 in N., and
 S 19 in S. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 52.65 Wash, 20 lks. wide, course SW.
 79.55 The cor. of secs. 17, 18, 19 and 20.
 Land, gently rolling, plain.
 Soil, sandy clay loam, 18 ins. deep, with heavy clay sub-soil, 2nd rate.
 No timber.
 Undergrowth, cactus, catclaw and greasewood.

- N. $0^{\circ} 01'$ E., bet. secs. 17 and 18.
 Over plain, sloping gently to SW., through dense undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 18 in W., and
 S 17 in E. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Subdivision of Township 22 North, Range 18 West. 13.

Chains.	
57.10	Wash, 4 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.7,8,17 and 18, with brass cap, marked T 22 N S 7 in NW., R 18 W S 8 in NE., S 17 in SE., and S 18 in SW. quadrant; and 1915 in S.rim; 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, gently sloping plain. Soil, sandy, yellow clay loam, 18 ins. deep,with heavy clay subsoil, 2nd rate. No timber. Undergrowth, cactus, catclaw and greasewood.
40.00	S.89° 51' W., on a random line, bet. secs.7 and 18. Set temp. ¼ sec.cor.
79.64	Intersect west bdy.of Tp. (5th. Guide Meridian West), 12 lks.south of the cor.of secs.7,12,13 and 18, reestab- lished as described in Book "B." Thence I run, N.89° 56' E., on a true line, bet. secs.7 and 18. Over gently sloping plain, through dense undergrowth.
28.34	Road from Mineral to Union Pass, bears N~60°E. and S.60°W.
39.64	Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¼ sec.cor., with brass cap, marked ¼ S 7 in N., and S 18 in S half; and 1915 in S.rim; dig pits 18x18x12 ins., E.and W.of cor. 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, N.of cor.
67.54	Center of wash, 30 lks.wide, course S.30° W.
79.64	The cor.of secs.7,8, 17 and 18. Land, gently rolling plain, sloping to south. Soil, loose, sandy clay loam, 18 ins. deep, with heavy clay subsoil, 2nd rate. No timber. Undergrowth, cactus, catclaw and greasewood. Feb. 20, 1915.
32.10	Feb. 24, 1915. N.0° 01' E., bet. secs.7 and 8. Over gently rolling plain, draining to SW., brush,scant. Old road brs.E.and W.
34.85	Wash,12 lks.wide, course SW.
40.00	Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¼ sec.cor., with brass cap, marked ¼ in N., S 7 in W., and S 8 in E.half; and 1915 in S.rim; dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth, 3½ ft. base, 1½ ft. high, W.of cor.
42.38	Old road, brs.N.70° E. and 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.5,6, 7 and 8, with brass cap, marked

14. Subdivision of Township 22 North, Range 18 West.

Chains.

T 22 N S 6 in NW.,
R 18 W S 5 in NE.,
S 8 in SE., and
S 7 in SW. quadrant; and
1915 in S. rim;
dig pits, 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and
raise a mound of earth, 4 ft. base, 2 ft. high, W. of
cor.
Land, gently rolling, plain.
Soil, sandy and gravelly, 10 to 20 ins. deep to hardpan
subsoil; 4th rate.
No timber.
Undergrowth, scattering cactus and catclaw.

79.60 S. $89^{\circ} 56'$ W., on a random line, bet. secs. 6 and 7.
Intersect W. bdy. of Tp. (5th. Guide Mer. W.) 7 lks. S. of
the cor. of secs. 1, 6, 7 and 12, reestablished as de-
scribed in Book "B." Thence I run,
N. $89^{\circ} 59'$ E., on a true line, bet. secs. 6 and 7.
Over gently rolling plain, drainage to SW., brush, scant.
.70 Road brs. N. 65° E. and S. 65° W.
20.00 Wash, 20 lks. wide, course SW.
28.90 Road brs. N. 40° E. and S. 40° W.
39.60 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 6 in N.,
S 7 in S., and
1915 in S. rim;
dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
65.50 Wash, 6 lks. wide, course SW.
79.60 The cor. of secs. 5, 6, 7, and 8.
Land, gently rolling, plain.
Soil, sandy and gravelly, with small percentage of clay;
4th rate.
No timber.
Undergrowth, cactus, catclaw, and greasewood.

36.20 N. $0^{\circ} 01'$ E., on a true line, bet. secs. 5 and 6.
Over gently rolling plain, with general SW. slope.
40.00 Wash, 5 lks. wide, course SW.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
S 6 in W., and
S 5 in E. half; and
1915 in S. rim;
dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
49.90 Road bears N. 70° E. and S. 70° W.
69.00 Wash, 25 lks. wide, course SW.
84.01 Intersect N. bdy. of Tp., 82 lks. S. $89^{\circ} 41'$ W. of the re-
established cor. of secs. 5, 6, 31 and 32, hereinbefore
described. At the point of intersection, I set an iron
post, 3 ft. long, 2 ins. in diam., 24 ins. in the
ground, for closing cor. of secs. 5 and 6, with brass
cap, marked,
T 23 NR 18 W S 31 in N., and
C C in S half;
S 6 T 22 N in SW., and
S 5 R 18 W in SE. quadrant; and
1915 in S. rim;
dig pits 24x18x12 ins., crosswise on each line, E. and

Chains

W. 3 ft. and S. of cor., 7 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.
 I change the reestablished cor. of secs. 5, 6, 31 and 32, and the $\frac{1}{4}$ sec. cors. bet. secs. 6 and 31, and 5 and 32, to cors. pertaining to secs. 31 and 32 only.
 Land, gently rolling.
 Soil, sandy and gravelly, with small percentage of clay; hardpan subsoil at from 6 to 20 ins. depth, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw and greasewood.
 Feb. 24, 1915.
 E.O.L.

T.O.J.
 Feb. 19, 1915.
 From corner of secs. 4, 5, 32 and 33, on S. bdy. of Tp., which is a malpais stone, 8x8x6 ins., above ground, marked and witnessed as described by the Surveyor General, (reestablished in 1910).

N. 0° 01' E., bet. secs. 32 and 33.
 Over rolling land, through scattering undergrowth.
 30.00 Center of wash, course SW.
 35.00 Same wash, course SE.
 37.90 Same wash, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 32 in W., and S 33 in E. half; and 1915 in S. rim;

dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap, marked
 T 22 N S 29 in NW.,
 R 18 W S 28 in NE.,
 S 33 in SE., and
 S 32 in SW. quadrant; and
 1915 in S. rim;
 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, rolling.
 Soil, sandy, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, sage and greasewood.

S. 89° 58' W., on a random line, bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 29, 30, 31 and 32.

Thence I run,
 East, on a true line bet. secs. 29 and 32.
 Over rolling land; dense undergrowth in patches.
 0.90 Center of wash, 15 lks. wide, course SW.
 37.40 Center of wash, 30 lks. wide; course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 29 in N., and S 32 in S. half; and 1915 in S. rim;
 dig pits 18x18x12 ins., E. and W. of stone, 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

16. Subdivision of Township 22 North, Range 18 West.

Chains.

- 42.30 Center of wash, 20 lks.wide, course SW.
80.00 The cor.of secs.28,29, 32 and 33.
Land, rolling.
Soil, sandy, 4th rate.
No timber.
Undergrowth, cactus, catclaw, sage and greasewood.
Feb. 19, 1915.
T.O.J.
-
- E.O.L.
Feb.20,1915.
N.0°01'E., bet. secs.28 and 29.
Over plain, drainage to SW., through dense undergrowth.
40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
S 29 in W., and
S 28 in E.half; and
1915 in S.rim;
dig pits 18x18x12 ins., E. and S.of cor., 3 ft. dist.,
and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
W.of cor.
80.00 Set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in
the ground, for cor.of secs.20,21,28 and 29, with
brass cap, marked
T 22 N S 20 in NW.,
R 18 W S21 in NE.,
S 28 in SE., and
S 29 in SW. quadrant; and
1915 in S.rim;
dig pits,18x18x12 ins., in each sec.5 $\frac{1}{2}$ ft. dist.,and
raise a mound of earth, 4 ft.base, 2 ft.high,W.of cor.
Land, gently sloping plain.
Soil, yellow sand-clay loam,18 ins. deep, with heavy clay
subsoil, 2nd rate.
No timber.
Undergrowth, cactus, catclaw, and greasewood.
-
- 40.00 West, on a random line, bet. secs.20 and 29.
Set temp. $\frac{1}{4}$ sec.cor.
80.02 Intersect N.and S. line, 9 lks.N.of the cor.of secs.19,20,
29 and 30.
Thence I run,
N.89° 56' E., on a true line, bet. secs.20 and 29.
Across nearly level plain, through dense undergrowth.
5.00 Middle of wash, 30 lks.wide, course SW.
13.12 Middle of wash, 60 lks.wide, course SW.
40.01 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked
 $\frac{1}{4}$ S 20 in N.half;
S 29 in S.half; and
1915 in S.rim;
dig pits,18x18x12 ins., E.and W.of cor.,3 ft. dist.,and
raise a mound of earth, 3 $\frac{1}{2}$ ft. base,1 $\frac{1}{2}$ ft.high,N.of cor.
41.70 Center of wash, 40 lks.wide, course SW.
72.90 Center of wash, 20 lks.wide, course SW.
74.65 Center of wash, 12 lks.wide, course SW.
80.02 The cor.of secs. 20,21,28 and 29.
Land, nearly level plain.
Soil,loose, yellow, sandy-clay laom, 2nd rate.
No timber.
Undergrowth, cactus, catclaw,and greasewood.
Feb. 20, 1915.
-

Chains.	
	Feb. 22, 1915. N.0° 01' E., bet. secs. 20 and 21. Across plain, sloping gently to the SW. with scant brush.
3.20	Wash, 10 lks. wide, course SW.
30.55	Wash, 30 lks. wide, course SW.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 20 in W., and S 21 in E half; and 1915 in S. rim; dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap, marked, T 22 N S 17 in NW., R 18 W S 16 in NE., S 21 in SE., and S 20 in SW. quadrant; and 1915 in S. rim; dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Land, gently rolling, plain. Soil, sandy clay loam, 4th rate. No timber. Undergrowth, cactus, catclaw and greasewood.
40.00	S. 89° 56' W., on a random line, bet. secs. 17 and 20. Set temp. $\frac{1}{4}$ sec. cor.
79.92	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 17, 18, 19 and 20. Thence I run, N. 89° 58' E., on a true line, bet. secs. 17 and 20. Across plain, sloping gently to the SW.; scant brush.
20.30	Wash, 20 lks. wide, course SW.
29.75	Wash, 30 lks. wide, course SW.
39.96	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 17 in N., and S 20 in S half; and 1915 in S. rim; dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
63.10	Wash, 20 lks. wide, course S. 15° W.
74.90	Wash, 10 lks. wide, course S. 35° W.
79.92	The cor. of secs. 16, 17, 20 and 21. Land, gently rolling plain. Soil, sandy, gravelly loam, 4th rate. No timber. Undergrowth, cactus, catclaw, and greasewood.
7.95	N.0° 01' E., bet. secs. 16 and 17. Over gently rolling plain, with general SW. slope, through scattering undergrowth.
38.90	Wash, 12 lks. wide, course SW.
40.00	Wash, 20 lks. wide, course SW. Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 17 in W., and S 16 in E. half; and 1915 in S. rim;

18. Subdivision of Township 22 North, Range 18 West

Chains	<p>dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>
52.90	Wash, 5 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. 8, 9, 16 and 17, with brass cap, marked
	<p>T 22 N S 8 in NW., R 18 W S 9 in NE., S 16 in SE., and S 17 in SW. quadrant; and 1915 in S. rim;</p>
	<p>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.</p>
	<p>Land, gently rolling plain. Soil, sand gravel loam, 4th rate. No timber. Undergrowth, cactus, catclaw, and greasewood.</p>

	<p>S. $89^{\circ}58'W.$, on a random line, bet. secs. 8 and 17.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.82	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 7, 8, 17 and 18.
	Thence I run,
	S. $89^{\circ}56'E.$, on a true line, bet. secs. 8 and 17.
	Over gently rolling plain, with general SW. slope, through scattering undergrowth.
37.30	Wash, 20 lks. wide, course S.
39.70	Wash, 18 lks. wide, course S.
39.91	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	<p>$\frac{1}{4}$ S 8 in N. half; and S 17 in S. half; and 1915 in S. rim;</p>
	<p>dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.</p>
57.70	Wash, 12 lks. wide, course S. $40^{\circ} W.$
67.00	Wash, 7 lks. wide, course S.
79.82	The cor. of secs. 8, 9, 16 and 17.
	<p>Land, gently rolling plain. Soil, sandy clay loam, with a few stones; clay subsoil, 4th rate. No timber. Undergrowth, cactus, catclaw and greasewood.</p>
	Feb. 22, 1915.

	<p>Feb. 24th, 1915.</p>
	N. $0^{\circ}01'E.$, bet. secs. 8 and 9.
	Over gently rolling plain, with general SW. slope, through scattering undergrowth.
18.90	Wash, 5 lks. wide, course SW.
32.05	Road brs. E. and W.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
	<p>$\frac{1}{4}$ in N., S 8 in W., and S 9 in E. half; and 1915 in S. rim;</p>
	<p>dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>

Chains.

44.85 Wash, 10 lks.wide, course west.
 48.00 Wash, 10 lks.wide, course S.70° W.
 73.30 Wash, 20 lks.wide, course S.30° W.
 80.00 Set an iron post, 3 ft.long. 2 ins. in diam., 24 ins. in the ground, for cor.of secs. 4,5,8 and 9, with brass cap marked,
 T 22 N S 5 in NW.,
 R 18 W S 4 in NE.,
 S 9 in SE., and
 S 8 in SW.quadrant, and
 1915 in S.rim;
 dig pits 18x18x12 ins., in each 5½ ft. dist.,and raise a mound of earth 4 ft.base, 2 ft.high, W.of cor.
 Land, gently rolling plain.
 Soil, sandy gravel loam, with some clay; 3rd rate.
 No timber.
 Undergrowth, cactus, catclaw and greasewood.

40.00 N.89°56'W., on a random line, bet. secs.5 and 8.
 79.88 Set temp.¼ sec.cor.
 Intersect the N.and S. line, 7 lks.N.of the cor. of secs. 5,6,7 and 8.

Thence I run,
 S.89° 59' E., on a true line, bet. secs. 5 and 8.
 Over gently rolling plain, with general SW.slope,through scattering undergrowth.

18.40 Wash, 25 lks.wide, course from N. to S.40° W.
 39.94 Set an iron post, 3 ft.long. 1 in. in diam., 26 ins. in the ground, for ¼ sec.cor., with brass cap, marked
 ¼ S 5 in N.half;
 S 8 in S.half; and
 1915 in S.rim;

dig pits, 18x18x12 ins., E.and W.of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base,1½ ft. high, N.of cor.

48.00 Road to Mineral, bears NE. and SW.
 58.00 Wash, 6 lks.wide, course S.15° E., for 3.00 chs., and thence SW.

70.30 Wash, 15 lks.wide, course S. 35° W.
 79.88 The cor.of secs.4,5,8 and 9.
 Land, gently rolling, plain.
 Soil, sand and gravel, with small amount of clay, hardpan and clay subsoil, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw and greasewood.

N.0° 01' E., on a true line, bet. secs. 4 and 5.
 Over gently rolling plain, with general SW. slope,through scattering undergrowth.

32.60 Road from Mineral to Union Pass, bears NE.and SW.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for ¼ sec.cor., with brass cap, marked
 ¼ in N.,
 S 5 in W., and
 S 4 in E.half; and
 1915 in S.rim;

dig pits,18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth 3½ ft. base,1½ ft.high, W.of cor.

48.60 Old road, bears N.60° W., and S.60°E.
 85.12 Intersect N.bdy.of Tp., 15½ lks.S.89°15'W. of reestablished cor. of secs.4,5,32 and 33. At point of intersection, I set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground for closing cor.of secs.

20. Subdivision of Township 22 North, Range 18 West.

Chains.

4 and 5, with brass cap, marked
 T 23 N R 18 W S 32 in N., and
 C C in S. half;
 S 5 T 22 N in SW., and
 S 4 R 18 W in SE. quadrant; and
 1915 in S. rim;

dig pits, 24x18x12 ins., crosswise on each line, E. and
 W. 3 ft., and S. of cor., 7 ft. dist., and raise a mound
 of earth 4 ft. base, 2 ft. high, S. of cor.

I change the reestablished cor. of secs. 4, 5, 32 and 33 to
 a cor. of two secs. pertaining to secs. 32 and 33 only,
 and the $\frac{1}{2}$ sec. cor. bet. secs. 4 and 33 to a cor. pertain-
 ing to sec. 33 only.

Land, gently rolling, plain.

Soil, sandy and gravel, with small amount of clay, 4th rate.
 No timber.

Undergrowth, cactus, catclaw and greasewood.

Feb. 24, 1915.

E.O.L.

T.O.J.

Feb. 19, 1915.

From corner of secs. 3, 4, 33 and 34 on S. bdy. of the Tp.,
 which is a granite stone, 8x6x6 ins. above ground,
 marked and witnessed as described by the Surveyor Gen-
 eral, (reestablished in 1910).

N. 0° 02' E., bet. secs. 33 and 34.

Over rolling land, through scattering undergrowth.

40.00

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

$\frac{1}{2}$ in N.,

S 33 in W., and

S 34 in E. half; and

1915 in S. rim;

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

46.50

Center of wash, 30 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. 27, 28, 33 and 34, with brass
 cap, marked,

T 22 N S 28 in NW.,

R 18 W S 27 in NE.,

S 34 in SE., and

S 33 in SW. quadrant; and

1915 in S. rim;

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, rolling.

Soil, sandy, 4th rate.

No timber.

Undergrowth, cactus, catclaw, sage and greasewood.

Feb. 19, 1915.

T.O.J.

E.O.L.

Feb. 20, 1915.

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

40.00

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

80.14

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

Thence I run,

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

Across gently rolling plain, with general SW. slope,
 through scattering undergrowth.

27.54

Middle of wash, 25 lks. wide, course SW.

37.80

Middle of wash, 15 lks. wide, course S. 30° W.

40.07

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

Chains.

- $\frac{1}{4}$ S 28 in N., and
 S 33 in S. half; and
 1915 in S rim;
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist.,
 and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.
- 80.14 The cor. of secs. 27, 28, 33 and 34.
 Land, gently rolling plain.
 Soil, loose, yellow, sandy-clay loam, 18 ins. deep, heavy
 clay subsoil, 3rd rate.
 No timber.
 Undergrowth, cactus, catclaw and greasewood.
 Feb. 20, 1915.
 E.O.L.
-
- T.O.J.
 Feb. 20, 1915.
 N. $0^{\circ} 02'$ E., bet. secs. 27 and 28.
 Over rolling land, through scattering undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 28 in W., and
 S 27 in E. half; and
 1915 in S. rim;
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
 and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
- 69.30 Center of wash, course S. $67\frac{1}{2}^{\circ}$ W.
 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 brass
 cap, marked
 T 22 N S 21 in NW.,
 R 18 W S 22 in NE.,
 S 27 in SE., and
 S 28 in SW. quadrant; and
 1915 in S. rim;
 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, west of
 cor.
 Land, rolling.
 Soil, sandy, 4th rate.
 No timber.
 Undergrowth, cactus and greasewood.
-
- West, on a random line, bet. secs. 21 and 28.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect N. and S. line, 1 link N. of the cor. of secs. 20,
 21, 28 and 29.
 Thence I run,
 East, on a true line, bet. secs. 21 and 28.
 Over rolling land, through scattering undergrowth.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 21 in N., and
 S 28 in S. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist.,
 and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

22. Subdivision of Township 22 North, Range 18 West.

Chains.

54.50 Wash, course S. $22\frac{1}{2}^{\circ}$ W.
 80.00 The cor. of secs. 21, 22, 27 and 28.
 Land, rolling.
 Soil, sandy, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, sage and greasewood.
 Feb. 20, 1915.
 T.O.J.

E.O.L.

Feb. 22, 1915.

N. $0^{\circ} 02'$ E., bet. secs. 21 and 22.

Across plain, sloping gently to SW, through dense undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 21 in W., and
 S 22 in E. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 40.10 Middle of wash, 15 lks. wide, course from NE. to W.
 50.70 Middle of wash, 8 lks. wide, course SW.
 68.55 Dim road brs. NE. and SW.
 70.30 Wash, 10 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. 15, 16, 21 and 22, with brass cap, marked
 T 22 N S 16 in NW.,
 R 18 W S 15 in NE.,
 S 22 in SE., and
 S 21 in SW. quadrant; and
 1915 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, nearly level plain, with gentle SW. slope.
 Soil, sans-clay loam, with heavy clay subsoil; 3rd rate.
 No timber.
 Undergrowth, cactus, catclaw, and greasewood; and sage.

West, on a random line, bet. secs. 16 and 21.

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

79.94 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 16, 17, 20 and 21.

Thence I run,

N. $89^{\circ} 58'$ E., on a true line, bet. secs. 16 and 21.

Across plain, with gentle SW. slope, through scattering undergrowth.

39.97 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 16 in N., and
 S 21 in S. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 48.00 Wash, 30 lks. wide, course SW.
 79.94 The cor. of secs. 15, 16, 21 and 22.
 Land, gently sloping plain.

Subdivision of Township 22 North, Range 18 West. 23.

Chains.

Soil, loose, sand-clay loam, 18 ins. deep, with heavy clay subsoil; 3rd rate.
No timber.
Undergrowth, cactus, catclaw, and greasewood.

N.0° 02' E., bet. secs. 15 and 16.
Across plain, sloping gently to SW., through scattering undergrowth.

31.55 Wash, 8 lks. wide, course S. 65° W.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 16 in W., and S 15 in E. half; and 1915 in S. rim; dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

47.85 Wash, 25 lks. wide, course S. 60° W.

54.95 Wash, 8 lks. wide, course W.

60.00 Cerbat R.R. Station bears E. 15.00 chs. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap, marked T 22 N S 9 in NW., R 18 W S 10 in NE., S 15 in SE., and S 16 in SW. quadrant; and 1915 in S. rim; and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, plain, draining SW.
Soil, sand-clay loam with clay subsoil, 3rd rate.
No timber.
Undergrowth, cactus, catclaw and greasewood.

S. 89° 58' W., on a random line, bet. secs. 9 and 16.

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

79.94 Intersect N. and S. line at the cor. of secs. 8, 9, 16 and 17. Thence I run, N. 89° 58' E., on a true line, bet. secs. 9 and 16. Across slightly rolling plain, draining SW $\frac{1}{2}$, through scattering undergrowth.

19.40 Wash, 6 lks. wide, course SW.

22.90 Wash, 8 lks. wide, course SW.

27.95 Wash, 12 lks. wide, course S. 30° W.

30.50 Wash, 12 lks. wide, course SW.

39.97 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 9 in N., and S 16 in S. half; and 1915 in S. rim; dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

60.30 Wash, 6 lks. wide, course S. for 2.00 chs., and thence SW.

71.00 Enter wash.

78.50 Left edge of broad wash, course SW. Ascend 10 ft. to

79.94 The cor. of secs. 9, 10, 15 and 16.
Land, gently rolling plain.
Soil, sand-gravel-clay loam, 2nd and 3rd rate.
No timber.
Undergrowth, cactus, catclaw, and greasewood.
Feb. 22, 1915.

24 Subdivision of Township 22 North, Range 18 West.

Chains.

- Feb. 23, 1915.
N.0° 02' E., bet. secs. 9 and 10.
Over gently rolling plain, with general SW.slope, through scattering undergrowth.
- 1.25 South edge of broad wash, draining S.65°W.
6.30 North edge of same, banks parallel to drainage.
27.30 Road brs.N.85°W. and S.85° E.
28.80 Wash, 10 lks.wide, course SW.
40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 9 in W., and
 S 10 in E.half; and
 1915 in S.rim;
 dig pits, 18x18x12 ins., N.and S.of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high, W.of cor.
- 46.20 Road, Cerbat. to Mineral, N.15°W. and S.15°E.
50.54 Abandoned telephone line, bears N.30°W., and S. 30° E.
63.80 Wash, 8 lks.wide, course SW.
79.10 Old road, brs.NE. and 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 brass cap, marked
 T 22 NS 4 in NW.,
 R 18 W S 3 in NE.,
 S 10 in SE., and
 S 9 in SW. quadrant; and
 1915 in S.rim;
 dig pits 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth, 4 ft.base, 2 ft.high, W.of cor.
- Land, gently rolling plain.
Soil, sand-clay loam, 2nd rate.
No timber.
Undergrowth, cactus, catclaw, and greasewood.
Feb. 23, 1915.
-

- Feb. 24, 1915.
S.89°58'W., on a random line, bet. secs.4 and 9.
40.00 Set temp. $\frac{1}{4}$ sec.cor.
79.94 Intersect N.and S.line, 5 lks.N.of cor.of secs.4,5,8 and 9.
Thence I run,
N.89° 56' E., on a true line, bet. secs.4 and 9.
Over gently rolling plain, with general SW. slope, through scattering undergrowth.
- 5.60 Wash, 25 lks.wide, course SW.
33.40 Wash, 20 lks.wide, course SW.
39.97 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked
 $\frac{1}{4}$ S 4 in N., and
 S 9 in S.half; and
 1915 in S.rim;
 dig pits, 18x18x12 ins., E.and W. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N.of cor.
- 63.57 Abandoned telephone line bears N.30°W. and S.30°E.
71.20 Wash, 25 lks.wide, course SW.
79.94 The cor.of secs.3,4,9 and 10.
Land,gehtly rolling plain.
Soil, sand-gravel loam, 3rd rate.
No timber.
Undergrowth,cactus, catclaw, and greasewood.
Feb. 24, 1915.
-

Chains.

Feb. 23, 1915.
N.0° 02' E., on a true line, bet. secs. 3 and 4.
Across gently rolling plain, with general SW. slope, through scattering undergrowth.

- 4.00 Telephone line, bears N.30°W. and S.30° E.
- 4.75 Enter broad wash, course SW.
- 15.25 Leave same, banks parallel to drainage.
- 38.25 Wash, 15 lks.wide, course from N.65°E. to W.
- 40.00 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., with brass cap, marked

1/4 in N.,
S 4 in W., and
S 3 in E.half; and
1915 in S.rim;

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

- 46.95 Wash, 70 lks.wide, course S.70° W.
- 65.25 Arizona and Utah railroad tracks bear N.20°45' W. and S.20°45'E.; south end of Mineral side track.
- 67.57 Telegraph line parallel to railroad tracks.
- 70.86 Road from Golconda to Mineral Station, bears N.40°W. and S.40° E.

- 71.50 Mineral station bears W. 2.00 chs.dist.
- 72.80 SE cor.of shack, 12x16 ft., brs.W.5 lks.dist.
- 86.20 Intersect N.bdy.of Tp. 217 lks.S.89° 15'W. of reestablished cor.of secs. 3,4,33 and 34, hereinbefore described. At point of intersection, I set an iron post, 3 ft.long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap, marked

T 23 N R 18 W S 33 in N., and
C C in S half;
S 4 T 22' N in SW., and
S 3 R 18 W in SE. quadrant; and
1915 in S.rim;

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

I change the reestablished cor. of secs.3,4, 33 and 34 to a cor.of two secs., pertaining solely to secs.33 and 34, and the 1/4 sec.cor. bet. secs.3 and 34 to a cor. pertaining solely to sec. 34.

Land, gently rolling plain.
Soil, sandy with some gravel and loam, 2nd rate.
No timber.
Undergrowth, cactus, catclaw and greasewood.

Feb. 23, 1915.
E.O.L.

Feb. 20, 1915.
T.O.J.
From corner of secs, 2,3,34 and 35, on the south bdy., which is a malpais stone, 6x6x6 ins., above ground, marked and witnessed as described by the Surveyor General, (reestablished in 1910).

N.0° 03' E., bet. secs.34 and 35.
Over rolling land, through scattering brush.

- 15.00 Center of wash, 10 lks.wide, course SW.
- 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec.cor., with brass cap, marked

1/4 in N.,
S 34 in W., and
S 35 in E.half; and
1915 in S.rim;

dig pits ,18x18x12 ins., N.and S. of cor., 3 ft. dist.
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,
W.of cor.

26. Subdivision of Township 22 North, Range 18 West.

Chains.

- 69.50 Center of wash, course SW.
 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 brass cap, marked
 T 22 N S 27 in NW.,
 R 18 W S 26 in NE.,
 S 35 in SE., and
 S 34 in SW. quadrant; and
 1915 in S rim;
 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, rolling.
 Soil, sandy and gravelly, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, sage and greasewood.
-
- S. $89^{\circ}58'$ W., on a random line bet. secs. 27 and 34.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Intersect the N. and S. line, at cor. of secs. 27, 28, 33 and 34.
 Thence I run,
 N. $89^{\circ}58'$ E., on a true line, bet. secs. 27 and 34.
 Over rolling land, through scattering brush.
 6.50 Center of wash, 30 lks. wide, course SW.
 32.30 Center of wash, 20 lks. wide, course S $22\frac{1}{2}^{\circ}$ W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked,
 $\frac{1}{4}$ S 27 in N., and
 S 34 in S. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 46.90 Arizona and Utah railroad track, brs. N. and S.
 48.00 Telephone line, brs. N. and S.
 61.60 Center of wash, course SW.
 80.00 The cor. of secs. 26, 27, 34 and 35.
 Land, rolling.
 Soil, sandy and gravelly, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw and greasewood.
-
- N. $0^{\circ}03'$ E., bet. secs. 26 and 27.
 Over rolling land, through scattering undergrowth.
 15.00 Center of wash, 20 lks. wide, course S $22\frac{1}{2}^{\circ}$ W.
 26.30 Center of wash, 15 lks. wide, course SW.
 30.50 Road from Kingman, to Cerbat, bears N. $22\frac{1}{2}^{\circ}$ W. and S. $22\frac{1}{2}^{\circ}$ E.
 31.00 Center of wash, 20 lks. wide, course S $22\frac{1}{2}^{\circ}$ E.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 27 in W., and
 S 26 in E. half; and
 1915 in S. rim;
 dig pits 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 72.70 Center of wash, course SW.
 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 brass cap, marked

Chains.

T 22 N S 22 in NW.,
R 18 W S 23 in NE.,
S 26 in SE., and
S 27 in SW. quadrant; and
1915 in S. rim;

dig pits, 18x18x12 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, rolling.
Soil, sandy and gravelly, 4th rate.
No timber.
Undergrowth, cactus and greasewood.

S 89°58' W. on random line, bet. secs. 22 and 27.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect the cor. of secs. 21, 22, 27 and 28,

Thence 1 run,

N. 89°58' E., on a true line, bet. secs. 22 and 27.

Over rolling land, through scattering undergrowth.

31.80 Arizona and Utah railroad track, bears N. 5° W. and S. 5° E.

32.80 Telephone line, parallel to railroad.

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

1/4 S 22 in N., and

S 27 in S. half; and

1915 in S. rim;

dig pits 18x18x12 ins., E. and W. of cor., 3 ft. dist.,
and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high,
N. of cor.

54.00 Center of wash, 15 lks. wide, course S. 22 1/2° W.

60.50 Road from Kingman to Cerbat, brs. N. and S.

80.00 The cor. of secs. 22, 23, 26 and 27.

Land, rolling.

Soil, sandy and gravelly, 4th rate.

No timber.

Undergrowth, cactus, catclaw, and sage.

Feb. 20, 1915.

Feb. 22, 1915.

N. 0°03' E., bet. secs. 22 and 23.

Over rolling land, through scattering undergrowth.

17.50 Center of wash, 20 lks. wide, course SW.

23.30 Center of wash, 40 lks. wide, course SW.

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

1/4 in N.,

S 22 in W., and

S 23 in E. half; and 1915 in S. rim;

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

42.60 Center of wash, 25 lks. wide, course SW.

46.50 Road brs. E. and W.

70.00 Telephone line brs. N. 22 1/2° W. & S. 22 1/2° E.

70.90 Old road, bears E. and W.

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

T 22 N S 15 in NW.,

R 18 W S 14 in SE.,

S 23 in SE., and

S 22 in SW. quadrant; and

1915 in S. rim;

dig pits 18x18x12 ins., in each sec. 5 1/2 ft. dist., and

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Chains.

raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, sandy and rocky, 4th rate.
 No timber.
 Undergrowth, catclaw, sage and greasewood.
 T.O.J.

- E.O.L.
 S. 89° 58' W., on a random line, bet. secs. 15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 2 lks. N. of the cor. of secs. 15, 16, 21 and 22.
 Thence I run,
 N. 89° 57' E., on a true line, bet. secs. 15 and 22.
 Across gently rolling plain, general slope SW., through scattering undergrowth.
 4.55 Wash, 10 lks. wide, course SW.
 16.10 Wash, 4 lks. wide, course SW.
 17.80 Old road from Golconda to Union Pass bears N. 55° E. and S. 55° W.
 21.32 Arizona and Utah railroad bears N. 7° 30' W., and S. 7° 30' E.
 22.30 Telephone line, parallel to railroad.
 22.80 Wash, 10 lks. wide, course SW. to culvert 180 lks. dist.
 32.40 Wash, 6 lks. wide, course SW.
 36.02 Road from Kingman to Cerbat, bears N. and S.
 40.02 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 15 in N., and S 22 in S. half; and 1915 in S. rim;
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 46.30 Wash, 6 lks. wide, course S. for 1.25 chs., and thence SW.
 56.00 Middle of wash, 1.50 chs. wide, course SW.
 71.71 Abandoned telephone line bears N. 20° W., and S. 20° E.
 80.04 The cor. of secs. 14, 15, 22 and 23.
 Land, gently rolling plain.
 Soil, sandy-clay loam; 2nd rate.
 No timber.
 Undergrowth, catclaw, cactus and greasewood.
 Feb. 22, 1915.

- Feb. 23, 1915.
 N. 0° 03' E., bet. secs. 14 and 15.
 Over gently rolling plain with SW. slope, through scattering underbrush.
 6.68 Telephone line brs. N. 27 $\frac{1}{2}$ ° W. and S. 27 $\frac{1}{2}$ ° E.
 11.40 Wash, 12 lks. wide, course W.
 15.00 Enter dense undergrowth, bears E. and W.
 35.60 Wash, 4 lks. wide, course S. 50° W.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked, $\frac{1}{4}$ in N., S. 15 in W., and S 14 in E. half; and 1915 in S. rim;
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 56.30 Wash, 8 lks. wide, course S. 70° W.

Chains.

73.50 Wash, 30 lks.wide, course SW.
 78.75 Road from Cerbat to Golconda bears N.80°W., and 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.10,11,14 amd 15, with brass
 cap, marked,
 T 22 N S 10 in NW.,
 R 18 W S 11 in NE.,
 S 14 in SE., and
 S 15 in SW. quadrant; and
 1915 in S.rim;
 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, gently rolling plain.
 Soil, sandy,gravelly loam, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, and greasewood.

S.89° 57' W., on a random line, bet. secs.10 and 15.
 40.00 Set temp.¼ sec.cor.
 80.10 Intersect N.and S.line, 9 lks.S.of the cor.of secs.9,10,
 15 and 16.
 Thence I run,
 S.89°59'E., on a true line, bet. secs.10 and 15.
 Over gently rolling plain, with SW. slope, through scat-
 tering undergrowth.
 1.20 Old road from Cerbat to Mineral, bears N.and S.
 5.65 Road from,Cerbat to Mineral, bears N.15°W., and S 15°E.
 10.50 Point opposite station No.743+52.3 of Arizona and Utah R.
 R.
 10.85 Arizona and Utah railroad track bears N.7°30'W., and S.7°
 30'E. At a point 1.00 chain distant, road curves to
 bearing of N.1°30' W.
 11.62 Telegraph line, parallel to railroad.
 13.10 Cerbat Station on west side of railroad track, bears S.
 about 15 chains dist.
 20.10 Wash, 5 lks.wide, course S.65° W.
 27.65 Abandoned telephone line bears about N.30° W.
 29.00 Wash, 30 lks.wide, course S.65° W.
 40.05 Set an iron post 3 ft.long,1 in. in diam., 26 ins. in the
 ground, for ¼ sec.cor., with brass cap, marked
 ¼ S 10 in N., and
 S 15 in S.half; and
 1915 in S.rim;
 dig pits, 18x18x12 ins., E.and W. of cor., 3 ft.dist.,
 and raise a mound of earth, 3½ ft. base, 1½ ft. high,
 N.of cor.
 41.93 Telephone line bears N 27½°W. and S.27½°E.
 80.10 The cor.of secs.10,11,14 and 15.
 Land, gently rolling plain.
 Soil, sand&clay loam, with some gravelly places, 2nd rate.
 No timber.
 Undergrowth, cactus, catclaw and greasewood.
 Feb. 23, 1915.
 E.O. L.

T.O.J.
 Feb. 24,1915
 N.0°03'E., bet. secs.10 and 11.
 Over rolling land, through scattering undergrowth.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for ¼ sec.cor., with brass cap, marked
 ¼ in N.,
 S 10 in W., and
 S 11 in E.half; and

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Chains.

- 1915 in S.rim;
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
- 45.70 Wash, 100 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. 2, 3, 10 and 11, with brass
cap, marked
- T 22 N S 3 in NW.,
R 18 W S 2 in NE.,
S 11 in SE., and
S 10 in SW. quadrant; and
1915 in S.rim;
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, rolling.
Soil, sandy and gravelly, 4th rate.
No timber.
Undergrowth, cactus, catclaw and sage.
-
- N. $89^{\circ} 59'$ W., on a random line, bet. secs. 3 and 10.
- 40.00 Set temp. sec. cor.
- 80.08 Intersect N. and S. line 50 lks. S. of the cor. of secs. 3, 4, 9 & 10.
Thence I run.
- S. $89^{\circ} 57'$ E., on a true line, bet. secs. 3 and 10.
- 0.60 Over rolling land, through scattering undergrowth.
- 1.60 Old road brs. N. and S.
- 8.43 Abandoned telephone line, bears NW. and SE.
- 9.18 Arizona and Utah railroad track, bears N. $1\frac{1}{2}^{\circ}$ W., and S. $1\frac{1}{2}^{\circ}$
E.
- 9.60 Telephone line parallel to railroad.
- 9.60 Center of wash, 25 lks. wide, course S.
- 40.04 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
- $\frac{1}{4}$ S 3 in N., and
S 10 in S. half; and
1915 in S.rim;
dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist.,
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.
- 57.10 Bottom of gully, 20 ft. deep, drains SE.
- 63.70 Bottom of gully, 20 ft. deep, drains S. $22\frac{1}{2}^{\circ}$ W.
- 80.08 The cor. of secs. 2, 3, 10 and 11.
Land, rolling.
Soil, sandy and gravelly, 4th rate.
No timber.
Undergrowth, cactus, catclaw and sage.
-
- N. $0^{\circ} 03'$ E., on a true line, bet. secs. 2 and 3.
Over rolling land, through scattering undergrowth.
- 27.60 Center of wash, 70 lks. wide, course SW.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked,
- $\frac{1}{4}$ in N.,
S 3 in W., and
S 2 in E half; and
1915 in S.rim;
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist.,
and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.
- 58.10 Center of wash, 100 lks. wide, course SW.
- 65.00 Road from Mineral to Golconda bears E. and W.
- 86.45 Intersect N. bdy. of Tp., 77 lks. S. $89^{\circ} 52'$ W., of the re-
established cor. of secs. 2, 3, 34 and 35, hereinbefore

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Chains.

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

T 23 N R 18 W S 34 in N. half;
C C in S. half;
S 3 T 22 N in SW., and
S 2 R 18 W in SE. quadrant; and
1915 in S rim;

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

I change the reestablished cor. of secs. 2, 3, 34 and 35 to a cor. of two secs., certainly solely to secs. 34 and 35, and the 1/4 sec. cor. bet. secs. 35 and 2 to a cor. pertaining to sec. 35 alone.

Land, rolling.
Soil, sandy and gravelly, 4th rate.
No timber.
Undergrowth, cactus, catclaw and sage.

Feb. 24, 1915.

Feb. 20, 1915: From corner of secs. 1, 2, 35 and 36, on S. bdy. of Tp., which is a malpais stone, 6x6x6 ins., above ground, marked and witnessed as described by the surveyor general, (reestablished in 1910).

N. 0° 03' E., bet. secs. 35 and 36.

Over rolling land, through scattering undergrowth.

- 2.00 Center of wash, 50 lks. wide, course SW.
- 13.60 Center of wash, 15 lks. wide, course SW.
- 29.00 Center of draw, 8.00 chs. wide, 40 ft. deep, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked

1/4 in N.,
S 35 in W., and
S 36 in E. half; and
1915 in S rim;

dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.

- 60.00 Center of draw, 5.00 chs. wide, 40 ft. deep, course SW.
- 75.00 Center of wash, 30 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. 25, 26, 35 and 36, with brass cap, marked

T 22 N S 26 in NW.,
R 18 W S 25 in NE.,
S 36 in SE., and
S 35 in SW. quadrant; and
1915 in S. rim;

dig pits, 18x18x12 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, rolling and broken.
Soil, gravelly and sandy, 4th rate.
No timber.
Undergrowth, cactus, catclaw and greasewood.

- 40.00 S. 89° 58' W., on a random line, bet. secs. 26 and 35.
- 80.24 Set temp. 1/4 sec. cor.
- Intersect N. and S. line, 9 lks. S. of the cor. of secs. 26, 27, 34 and 35.

Thence I run,
S. 89° 58' E., on a true line, bet. secs. 26 and 35.
Over rolling land, through scattering undergrowth.

- 9.50 Center of wash; 20 lks. wide, course S. 22 1/2° W.

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Chains.

- 15.25 Road from Kingman to Cerbat, bears N. and S.
 40.12 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 26 in N., and S 35 in S. half; 1915 in S. rim; dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 80.24 The cor. of secs. 25, 26, 35 and 36.
 Land, rolling.
 Soil, sandy and gravelly, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, sage and greasewood.
 Feb. 20, 1915.
-
- Feb. 22, 1915.
 N. $89^{\circ} 58'$ E., on a random line, bet. secs. 25 and 36.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 85.98 Fall 30 lks. N. of reestablished cor. of secs. 25, 30, 31 and 36 on E. bdy. of Tp., hereinbefore described.
 Thence I run,
 N. $89^{\circ} 50'$ W., on a true line, bet. secs. 25 and 36.
 Over rolling, mountainous land, through scattering undergrowth.
- 11.00 Top of low ridge, bears N. 70° E., and S. 70° W. Thence along north slope.
 23.70 Center of draw, 5.00 chs. wide, drains SW.
 36.33 Road from Kingman to Chloride, bears N. and S.
 45.98 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 25 in N., and S 36 in S. half; and 1915 in S. rim; dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 59.00 Bottom of ravine, 5.00 chs. wide, course SW.
 72.60 Bottom of wash, course SW.; E. bank 15 ft. high.
 76.73 Telephone line, bears NW. and SE.
 85.98 The cor. of secs. 25, 26, 35 and 36.
 Land, rolling, mountainous.
 Soil, gravelly and rocky, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw, sage and yucca.
-
- N. $0^{\circ} 03'$ E., bet. secs. 25 and 26.
 Over rolling land, through scattering brush.
 19.00 Telephone line from Kingman to Chloride, bears N. 20° W. and S. 20° E.
 30.00 Center of wash, 30 lks. wide, course SW.
 36.50 Center of wash, 100 lks. wide, course S. $67\frac{1}{2}^{\circ}$ W.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 26 in W., and S 25 in E. half; and 1915 in S. rim; dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 50.00 Center of draw, 2.00 chs. wide, 30 ft. deep, drains SW.
 73.30 Center of wash, 30 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. 23, 24, 25 and 26, with brass

Subdivision of Township 22 North, Range 18 West. 33.

Chains.

cap, marked

- T 22 N S 23 in NW.,
- R 18 W S 24 in NE.,
- S 25 in SE., and
- S 26 in SW. quadrant; and
- 1915 in S. rim;

dig pits, 18x13x12 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, rolling.
Soil, sandy and gravelly, 4th rate.
No timber.
Undergrowth, cactus, and catclaw.

N. 89° 58' W. on random line bet. secs. 23 and 26.

- 40.00 Set temp. sec. cor.
- 80.20 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 22, 23, 26 and 27.
- Thence I run,
- East, on a true line, bet. secs. 23 and 26.
- Over rolling land, through scattering undergrowth.
- 10.20 Center of wash, 15 lks. wide, course SW.
- 35.70 Abandoned telephone line, bears N. 22 1/2° W., and S. 22 1/2° E.
- 40.10 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked,
- S 23 in N. half;
- S 26 in S. half; and
- 1915 in S. rim;
- dig pits 18x13x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
- 42.00 Center of wash, 50 lks. wide, course SW.
- 43.50 Telephone line brs. N. 22 1/2° W. and S. 22 1/2° E.
- 48.40 Same wash, 20 lks. wide, course N.
- 49.20 Same wash, 20 lks. wide, course SW.
- 67.40 Bottom of coulee, drains S. 67 1/2° W.
- 80.20 The cor. of secs. 23, 24, 25 and 26.
- Land, rolling.
- Soil, sandy and gravelly, 4th rate.
- No timber.
- Undergrowth, cactus, greasewood and sage.

S. 39° 50' E., on a random line, bet. secs. 24 and 25.

- 40.00 Set temp. sec. cor.
- 91.96 Fall 21 lks. N. of reestablished cor. of secs. 19, 24, 25 and 30 oneast bdy. of Tp., hereinbefore described.
- Thence I run,
- N. 89° 42' W., on a true line, bet. secs. 24 and 25.
- Descend over mountainous land, 160 ft. to
- 7.00 Thence over rolling land.
- 27.00 Center of wash, 100 lks. wide, course SW.
- 34.60 Enter coulee.
- 42.00 Bottom of same, 20 ft. deep, course SW.
- 51.96 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., with brass cap, marked
- S 24 in N., and
- S 25 in S. half; and
- 1915 in S rim;
- dig pits, 18x13x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.

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Chains.

59.00 Center of wash, 200 lks.wide, course SW.
 66.60 Road from Kingman to Chloride, bears N.and S.
 85.55 Center of wash, 20 lks.wide, course S.22 $\frac{1}{2}$ °W.
 91.96 The cor.of secs.23,24,25 and 26.
 Land, rolling and mountainous.
 Soil, sandy, gravelly and rocky, 4th rate.
 No timber.
 Undergrowth, cactis, catclaw, sage and yucca.

N.0°03'E., bet.secs. 23 and 24.
 Over rolling land, through scattering undergrowth.
 7.80 Wash, 30 lks.wide, course SW.
 23.00 Wash, 100 lks.wide, course SW.
 39.00 Center of wash, 50 lks.wide, course W.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 23 in W., and
 S 24 in E-half; and
 1915 on S.rim;
 dig pits 18x18x12 ins., N.and S.of cor., 3 ft. dist.,
 and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 W.of cor.
 53.60 Center of wash, 25 lks.wide, course SW.
 79.00 Center of wash, 15 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.13,14,23 and 24, with
 brass cap, marked
 T 22 N S 14 in NW.,
 R 18 W S 13 in NE.,
 S 24 in SE., and
 S 23 in SW. quadrant, and
 1915 in S.rim;
 and raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$ ft.high,W.
 of cor.
 Land, rolling.
 Soil, sandy and rocky, 4th rate.
 No timber.
 Undergrowth, catclaw, cactus and sage.

West, on a random line, bet. secs.14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec.cor.
 80.24 Intersect N.and S. line, 1 lk. N.of the cor.of secs.14,15,
 22 and 23.
 Thence I run,
 East, on a true line, bet. secs.14 and 23.
 Over rolling land, through scattering undergrowth/
 4.14 Telephone line bears N. 30°W. and S.30°E.
 24.75 Center of wash, 20 lks.wide, course S. 22 $\frac{1}{2}$ ° W.
 40.12 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins.in
 the ground, for $\frac{1}{4}$ sec.cor., with brass cap, marked
 $\frac{1}{4}$ S 14 in N.half;
 S 23 in S.half; and
 1915 in S.rim;
 dig pits .18x18x12 ins., E.and W. of cor., 3 ft. dist.,
 and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high,
 N.of cor.
 43.00 Center of wash, 100 lks.wide, course S. 67 $\frac{1}{2}$ °W.
 58.25 Wash, 10 lks.wide, course SW.
 63.05 Road brs.N.22 $\frac{1}{2}$ °E. and S.22 $\frac{1}{2}$ °W.
 64.35 Center of wash, 15 lks.wide, course S. 67 $\frac{1}{2}$ ° W.
 80.24 The cor.of secs.13,14,23 and 24.

Chains.

Land, rolling.
 Soil, sandy and stony, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw and sage.
 Feb. 22, 1915.

Feb. 23, 1915.
 S. 89°42'E. on random line, bet. secs. 13 and 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 99.13 Fall 63 lks. S. of old corner of secs. 13, 18, 19 and 24, on E. bdy. of Tp., hereinbefore described.
 Thence I run,
 S. 89°56'W., on a true line, bet. secs. 13 and 24.
 Over rolling land, through scattering undergrowth.
 2.40 Center of draw, drains SW.
 2.73 Intersect line 4-1, Storm Cloud Lode mining claim, Survey No. 2461, at a point 5.70 chs. S. 42° 16' E., of cor. No. 1.
 12.63 Center of wash, course SW.
 15.63 Old road, brs. NE. and SW.
 23.13 Center of wash, 100 lks. wide, course SW.
 35.00 Commence to ascend S. slope of butte. Ascend 200 ft. to
 44.30 Top of butte. Descend SW. slope, 300 ft. to
 59.13 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ S 13 in N., and S 24 in S. half; and 1915 in S. rim; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 From cor., descend 50 ft. to
 64.00 Foot of slope; thence across rolling land.
 74.00 Center of wash, 125 lks. wide, course S.
 78.00 Center of wash, 25 lks. wide, course SW.
 81.33 Road from Kingman to Chloride, bears NE. and SW.
 82.10 Road from Kingman to Mineral, bears NW. and SE.
 88.00 Center of wash, 20 lks. wide, course S. 22 $\frac{1}{2}$ °W.
 96.90 Center of wash, 75 lks. wide, course S. 67 $\frac{1}{2}$ °W.
 99.13 The cor. of secs. 13, 14, 23 and 24.
 Land, rolling and mountainous.
 Soil, sandy and rocky, 4th rate.
 No timber.
 Undergrowth, cactus and sage, scattering.

N. 0°03'E., bet. secs. 13 and 14.
 Over rolling land, through scattering undergrowth.
 11.80 Road brs. N. 22 $\frac{1}{2}$ °E. and S. 22 $\frac{1}{2}$ °W.
 17.20 Draw, 3.00 chs. wide, drains W.
 32.70 Center of wash, 3.00 chs. wide, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked $\frac{1}{4}$ in N., S 14 in W., and S 13 in E. half; and 1915 in S. rim; dig pits, 18x13x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
 45.00 Center of wash, 50 lks. wide, course SW.
 50.75 Center of wash, 60 lks. wide, course SW.
 60.50 Center of wash, 100 lks. wide, course SW.
 67.80 Center of wash, 50 lks. wide, course SW.

36. Subdivision of Township 22 North, Range 18 West.

Chains.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap, marked,
 T 22 N S 11 in NW.,
 R 18 W S 12 in NE.,
 S 13 in SE., and
 S 14 in SW. quadrant;
 dig pits, 18x18x12 ins., in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, sandy and gravelly, 4th rate.
 No timber.
 Undergrowth, cactus, catclaw and sage.

T.O.J.

- E.O.L.
 West, on a random line, bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.14 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 10, 11, 14 and 15.
 Thence I run,
 N. $89^{\circ}58'$ E., on a true line, bet. secs. 11 and 14.
 Across plain, sloping gently to SW.
 7.70 Wash, 25 lks. wide, course SW.
 19.50 Road from Cerbat to Golconda, bears N. 80° E., and S. 80° W.
 40.07 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 11 in N. half;
 S 14 in S. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., E. and W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 75.15 Wash, 4 lks. wide, course S. 60° W.
 80.14 The cor. of secs. 11, 12, 13 and 14.
 Land, gently rolling plain, with SW. slope.
 Soil, sandy clay loam, 2nd rate for 30.00 chs., and stony clay loam, 3rd rate for 50.14 chs.
 No timber.
 Undergrowth, scattering cactus.

E.O.L.

- T.O.J.
 East, on a true line, bet. secs. 12 and 13.
 Over rolling land, through scattering undergrowth.
 28.00 Road from Kingman to Chloride, bears N. 20° W. and S. 20° E.
 37.60 Center of wash, 50 lks. wide, course SW.
 38.50 Road from Kingman to Cerbat bears NE and SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap, marked
 $\frac{1}{2}$ S 12 in N., and
 S 13 in S. half; and
 1915 in S. rim;
 dig pits, 18x18x12 ins., E. and W. of cor. 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 45.00 Ascend on slope of spur, 62 ft. to
 54.67 Top of spur, bearing NW. Descend NE. slope.
 57.50 Center of wash, 3.00 chs. wide, course NW.
 59.00 Road brs. N. and S.
 67.50 Center of wash, 100 lks. wide, course SW.
 82.00 Ascend NW. slope of spur, 100 ft. to
 91.78 Intersect W. bdy. of T. 22 N., R. 17 W., 67 lks. N. $5^{\circ}05'$ W. of reestablished cor. of secs. 7, 7a, and 18, 19, hereinbefore described. At point of intersection, I set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground

Chains.

for closing cor. of secs. 12 and 13, with brass cap, marked,

CC in W. and
T 22 N S 7 R 17 W in E-half;
T 22 N S 12 in NW., and
R 18 W S 13 in SW. quadrant; and
1915 in S. rim;

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

Land, rolling and mountainous.

Soil, sandy and gravelly on west half and rocky on east half; 4th rate.

No timber.

Undergrowth, sage and cactus.

From cor. of secs. 11, 12, 13 and 14,

N. 0° 03' E., bet. secs. 11 and 12.

Over rolling land, through scattering undergrowth.

- 5.00 Center of wash, 15 lks. wide, course SW.
- 10.00 Road bears N. 22 1/2° E. and S. 22 1/2° W.
- 20.00 Center of wash, 10 lks. wide, course SW.
- 25.50 Center of wash, 30 lks. wide, course NW.
- 29.60 Center of wash, 100 lks. wide, course SW.
- 33.30 Road from Kingman to Chloride, bears S. 22 1/2° E. and N. 22 1/2° W.
- 35.00 Center of wash, 60 lks. wide, course NW.
- 37.20 Center of wash, 100 lks. wide, course SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., with brass cap, marked
1/4 in N.,
S 11 in W., and
S 12 in E half; and
1915 in S. rim;
dig pits, 18x18x12 ins., N. and S. of cor., 3 ft. dist., and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor.
- 43.70 Bottom of draw, drains S. 22 1/2° W.
- 50.50 Bottom of gulch, 5.00 chs. wide, drains SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, for cor. of secs. 1, 2, 11 and 12, with brass cap, marked
T 22 N S 2 in NW.,
R 18 W S 1 in NE.,
S 12 in SE., and
S 11 in SW. quadrant; and
1915 in S rim;
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Impracticable to set cor. in ground on account of stone. Pits impracticable.

Land, rolling.

Sand soil, with gravel and rocks.

No timber.

Undergrowth, cactus, catclaw and sage.

Feb. 23, 1915.

Feb. 24, 1915.

The cor. of secs. 2, 3, 10 and 11, bears N. 89° 57' W. from the cor. of secs. 1, 2, 11 and 12, so I run,

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

40.00 Set temp. 1/4 sec. cor.

80.16 The cor. of secs. 2, 3, 10 and 11.

Thence I run,

S. 89° 57' E., on a true line, bet. secs. 2 and 11.

Over rolling land, through scattering undergrowth.

33.66 Wash, 2.00 chs. wide, course S. 22 1/2° W.

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

38. Subdivision of Township 22 North, Range 18 West.

Chains.

- $\frac{1}{2}$ S 2 in N., and
 S 11 in S. half; and
 1915 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N.
 of cor.
- 43.00 Bend of same wash, 100 lks. wide, course SW. and NW.
 51.75 Road from Kingman to Chloride, bears N. and S.
 65.15 Same wash, 15 lks. wide, course NW.
 75.15 Center of same wash, 10 lks. wide, course SW.
 80.16 The cor. of secs. 1, 2, 11 and 12.
 Land, rolling.
 Soil, sandy and gravelly, 4th rate;
 No timber.
 Undergrowth, cactus, catclaw and sage.
-
- East, on a true line, bet. secs. 1 and 12.
 Over mountainous land; ascend west slope of low hill.
- 14.72 Top of low ridge, brs. N. 20° E. and S. 20° W. Descend E.
 slope.
 22.30 Bottom of wash, 30 lks. wide, course SW.
 24.62 Bottom of draw, 75 lks. wide, course S.
 31.82 Bottom of ravine, course SW.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ S 1 in N., and
 S 12 in S. half; and
 1915 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of
 cor.
- 46.90 Wash, 2.00 chs. wide, 6 ft. banks, course S. $22\frac{1}{2}^{\circ}$ W.
 Ascend along broken SW. slope.
- 84.76 Intersect W. bdy. of T. 22 N. R. 17 W., 220 lks. N. $4^{\circ} 06'$ W. of rees-
 tablished cor. of secs. 6 and 7, hereinbefore described.
 At the point of intersection, I set an iron post 3 ft. long,
 2 ins. in diam., in a mound of stone, for closing cor.
 of secs. 1 and 12, with brass cap, marked
 C C in W., and
 T 22 N S 6 R 17 W in E. half;
 T 22 N S 1 in NW, and
 S 12 R 18 W in SW. quadrant; and
 1915 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.
 of cor. Impossible to set cor. in ground,
 Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
-
- From cor. of secs. 1, 2, 11 and 12,
 N. $0^{\circ} 03'$ E., on a true line, bet. secs. 1 and 2.
 Over mountainous land.
- 18.10 Bottom of canyon, drains west.
 19.90 Ascend SW. slope of ridge, projecting NW., 290 ft. to
 36.96 Top of ridge, brs. NW. and SE. Descend NE slope, through
 scattering undergrowth.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap, marked
 $\frac{1}{4}$ in N.,
 S 2 in W., and
 S 1 in E. half; and
 1915 in S. rim;
 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of
 cor.
- 62.80 Top of low butte.
 65.50 Bottom of gulch, drains NW. Ascend S. slope and leave
 undergrowth.

Chains.

80.70 On spur, projecting NW. from main ridge. Descend N. slope 60 ft. to

86.36 Intersect N. bdy. of Tp., 59 lks. N. 89° 52' E. of reestablished cor. of secs. 1, 2, 35 and 36, hereinbefore described. At point of intersection, I set an iron post, 3 ft. long, 2 ins. in diam., in a mound of stone, for closing cor. of secs. 1 and 2, with brass cap, marked,
 T 23 N R 18 W S 36 in N., and
 C C in S. half;
 S 2 T 22 N in SW., and
 S 1 R 18 W in SE. quadrant; and
 1915 in S. rim;

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Impossible to set cor. in the ground on account of stone.

I change the reestablished cor. of secs. 1, 2, 35 and 36 to a cor. of two secs. pertaining to secs. 35 and 36 only, and the 1/2 sec. cor. bet. secs. 1 and 36 to a cor. pertaining solely to sec. 36.

Land, mountainous.
 Soil, rocky, 4th rate.
 No timber.
 Underbrush, scrub oak.

Feb. 24, 1915.
 T.O.J.

For table of latitudes and departures and closing errors see Book "A."

GENERAL DESCRIPTION.

This township lies mostly in the Sacramento Wash Valley, and consists of nearly level land, traversed by numerous small washes, draining generally to the southwest. The east boundary runs along the foothills of the Cerbat Range of mountains, and the east range of sections is more or less rough and mountainous.

The soil in the valley is sandy and of poor quality, although if it could be irrigated, it would make fair agricultural land. The only vegetation is cactus, cat-claw, greasewood, sage and yucca.

The Arizona and Utah railroad runs through the central part of the township, from north to south.

There are no settlers. Prospecting has been done in the eastern part, but no discoveries of value have been made.

BOOK 3136

FOR CERTIFICATES OF UNITED STATES SURVEYOR.
AND UNITED STATES TRANSITMAN

See Books "A" and "C"

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 accord-
ance 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, *March 9*, 1918 .

The foregoing field notes of the ~~survey of~~ Retracement and Resurvey of the
West Boundary of Township 22 North, Range 17 West,
Resurvey of the South Boundary of Township 23 North, Range 18 W.,
and Survey of the Subdivision Lines of Township 22 North, Range 18 W.,
of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by Theo. O. Johnston, U. S. Surveyor, and Edward O. Lyman, U. S. Transitman,
under ~~his~~ ^{their} special instructions dated January 6, 1915, for Group 44, _____, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the
retracements, resurveys and 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.~~