

3817

Book "F"

BOOK 3817

FIELD NOTES

OF THE SURVEY OF THE

Ninth Standard Parallel North, thru

part of Range 5 East,

Part of the East Boundary,

and

Part of the Subdivisional Lines of

TOWNSHIP 37 NORTH, RANGE 5 EAST.

Of the Gila & Salt River Base & Meridian,

In the State of Arizona

EXECUTED BY

W. E. Hiester, U. S. Surveyor,

and

Otis O. Gould, U. S. Transitman,

In the capacity of U. S. Surveyors, under Special Instructions dated April 23, 1926, issued by the District Cadastral Engineer to govern surveys included in Group No. 139 Arizona, which were approved by the Commissioner of the General Land Office, May 20, 1926, and Assignment Instructions dated Nov. 17, 1926 and Jan. 29, 1927.

Survey commenced March 11, 1927.

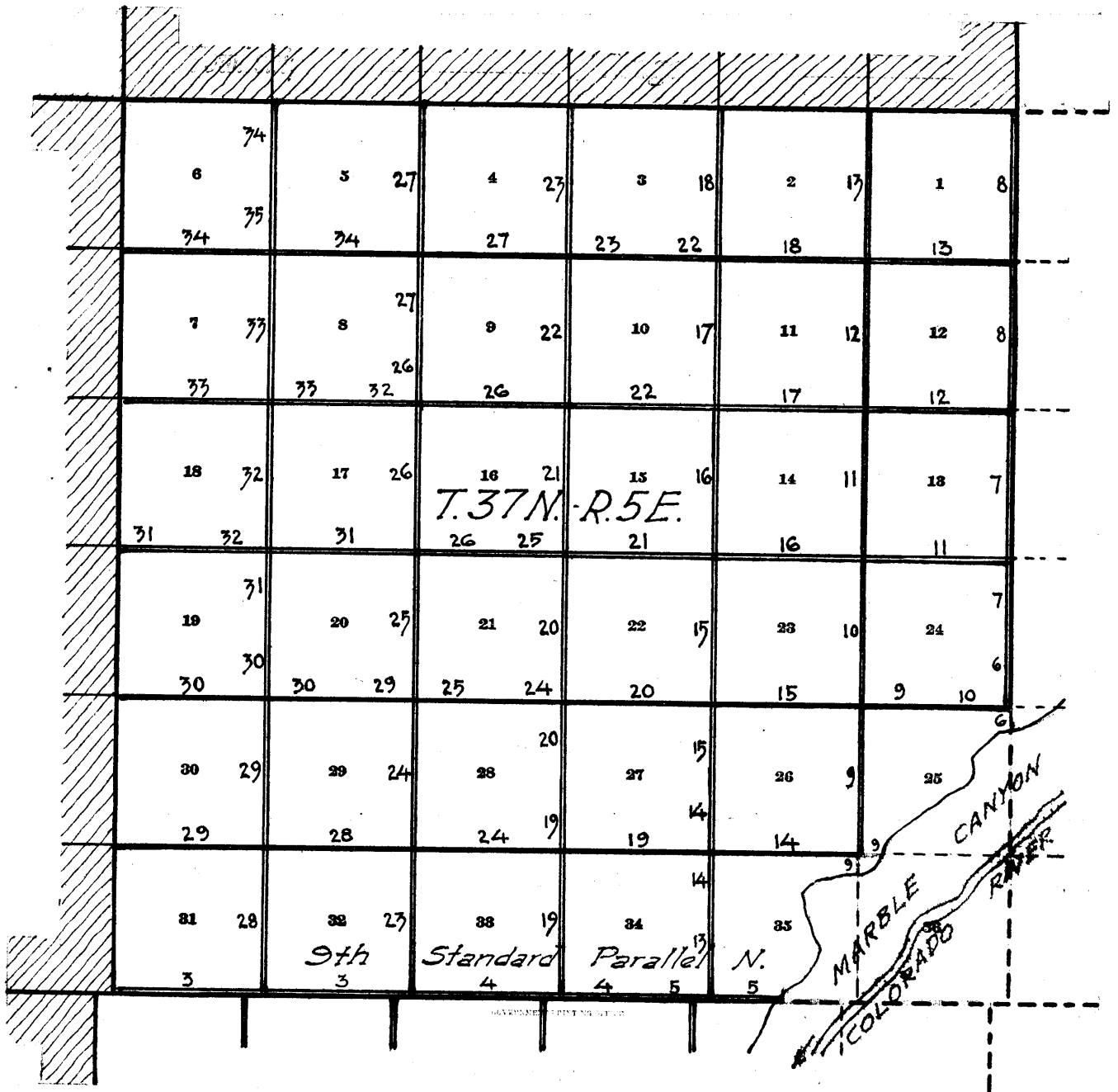
Survey completed March 26, 1927.

3817

3817

83
OK
①

INDEX DIAGRAM.



————— Surveyed under this group.

————— Blank lines measured to Canyon Rim Intersections

————— Accepted surveys.

----- Unserved.

▨ Areas surveyed as per accepted plats on file.

Book "F"
 Group 139 - Arizona.
 Township 37 North - Range 5 East.

DATE DIAGRAM.

1927

Surveyed in Dec. 1925 and Jan. 1926 - Wm. E. Hiester, U.S.S. - Gp. 126

Surveyed - Nov. and Dec. 1925 - Wm. E. Hiester, U.S.S. - Group 126

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9th Standard Parallel North.

———— Surveyed by Wm. E. Hiester, U.S.S. on dates shown thereon.

———— Surveyed by Otis O. Gould, U.S.T. on dates shown thereon.

———— Accepted surveys.

Surveys herein described were executed by William E. Hies-ter, U. S. Surveyor, using Buff light mountain transit No. 9208 and Otis O. Gould, U. S. Transitman, using Buff light mountain transit No. 9305, on dates shown on diagram on page 1 hereof. The instruments are equipped with U-shaped standards $4\frac{1}{2}$ inch horizontal circles, 4 inch vertical circles, and improved Smith solar attachments; unless otherwise specified all azimuth determinations are accomplished with the solar attachments.

TEST OF BUFF TRANSIT NO. 9208.

March 9, 1927. Examine the adjustment of Buff transit No. 9208 and find no errors, then to test the solar apparatus by comparing its indications from observations made during a. m. and p. m. hours with a meridian established by Polaris observation, proceed as follows:

March 9, 1927, in camp near cor. of secs. 15, 16, 21 and 22, T. 37 N., R. 5 E., G. & S. R. B. & M., Ariz., latitude $36^{\circ} 35' 52''$ N., long. $111^{\circ} 52' 16''$ W., at 8 h. 25 m., p. m., l. m. t., observe Polaris at western elongation, making four observations, two each with the telescope in direct and reversed positions and mark the mean point in the line thus determined, by a tack in a stake, driven firmly in the ground about 10.00 chs. North.

Azimuth of Polaris at western elongation = $1^{\circ} 21' 4''$.

March 10, 1927, at 7 h. 30 m., a. m., lay off the azimuth of Polaris $1^{\circ} 21'$ to the east, and mark the meridian thus determined by a tack in a stake driven firmly in the ground about 10.00 chs. N.

March 10, 1927, at 8 h. 00 m., a. m., app. t., set off $36^{\circ} 36'$ N., on the lat. arc, $4^{\circ} 12'$ S., on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

At 4 h. 0 m., p. m., app. t., with the lat. arc unchanged, set off $4^{\circ} 4'$ S., on the decl. arc, and determine a meridian with the solar, which agrees with the true meridian.

TEST OF BUFF TRANSIT NO. 9305.

March 21, 1927. Examine the adjustment of Buff transit No. 9305 and correct all errors, then to test the solar apparatus by comparing its indications from observations made during a. m. and p. m. hours, with the meridian established by Polaris observation March 9, 1927, as described above, proceed as follows:

March 21, 1927, at 8 h. 0 m., a. m., app. t., set off $36^{\circ} 36'$ N., on the lat. arc, $0^{\circ} 8'$ N., on the decl. arc, and determine a meridian with the solar which agrees within 1' with the true meridian.

At 4 h. 0 m., p. m., app. t., with the lat. arc unchanged, set off $0^{\circ} 16'$ N. on the decl. arc, and determine a meridian with the solar, which agrees within 1' with the true meridian.

Unless otherwise specified all measurements are made with Lallie steel tapes, 5 chains in length, compared with a Lufkin standard steel tape and found correct. All measurements are made on the slope, the vertical angles determined with a clinometer, and the slope measurements properly reduced to true horizontal distances for entry in the field notes.

Survey of the 9th Standard Parallel thru Part of Range 5 East

Chains. From the Standard Corner. of Ts. 37 N., Rs. 4 and 5 E., established under Group 126, Arizona, which is an iron post 3 ins. in diam., projecting 36 ins. above ground, firmly set in a mound of stone 5 ft. base, 2½ ft. high, and properly marked on brass cap,

East, on true line, on S. bdy. of sec. 31.
 Over rolling prairie land, thru scattering undergrowth.
 Descend 46 ft. over E. slope.

30.00 Draw, course NE.
 Ascend 23 ft. over W. slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 14 in. in the ground to bed rock, supported in a mound of stone 5 ft. base 2½ ft. high, deposit a stone marked cross (X) at base of post, for the Standard ¼ sec. cor. of secs 31, with brass cap marked,

SC
¼S31

1927

68.10 Descend 23 ft. over E. slope.
 Wash, 10 lks. wide, course N.
 Ascend 23 ft. over E. slope.

80.00 Set an iron post 3ft. long, 2 in. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone marked cross (X) at base of post, for the Standard cor. of secs. 31 and 32, with brass cap marked,

SC
T37NR5E
S31|S32

1927

Land, rolling prairie.
 Soil, gravelly, 2nd. and 3rd. rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, greasewood and grass.

East, on true line, on the S. bdy. of sec. 32.
 Over rolling prairie land, thru scattering undergrowth.
 Descend 23 ft. over E. slope.

11.80 Wash, 10 lks. wide, course N.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bed rock, supported in a mound of stone, 5 ft. base, 2 ft. high, deposit a stone marked cross (X) at base of post, for the Standard ¼ sec. cor. of sec. 32, with brass cap marked,

SC
¼S32

1927

67.30 Descend 34 ft. over E. slope.
 Wash, 10 lks. wide, course N.

80.00 Set an iron post 3 ft. long, 2 in. in diam., 26 ins. in the ground, for the Standard cor. of secs. 32 and 33, with brass cap marked,

Chains.

SO
T37NR5E
S32|S33

1927

Raise a mound of stone 4ft. base, 3 ft. high, N. of cor.

Land, rolling prairie,

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

Timber, none.

Undergrowth, sagebrush, blackbrush, greasewood, cactus and grass.

East, on true line, on S. bdy. of sec. 33.
Over rolling prairie land, thru scattering undergrowth.
Descend 52 ft. over E. slope.
20.50 Wash, 15 ft. wide, 1 ft. deep, course NE.
Ascend 23 ft. over W. slope.
37.95 Wash, 10 lks. wide, 1 ft. deep, course NW.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bed rock, supported in a mound of stone, 5 ft. base 2 ft. high, deposit a stone marked cross (X) at base of post, for standard $\frac{1}{4}$ sec. cor. of sec. 33, marked on brass cap,

SC
 $\frac{1}{4}$ S33

1927

Ascend 40 ft. over W. slope.
80.00 Set an iron post 3 ft. long, 2 in. in diam., 6 ins. in the ground to bed rock, supported in a mound of stone, 5 ft. base, 2 ft. high, deposit a stone 14x10x8ins. marked cross (X) at base of post, for the Standard cor. of secs. 33 and 34, with brass cap marked,

SC
S33|S34

1927

Land, rolling prairie.

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

No timber.

Undergrowth, sagebrush, blackbrush, cactus, grass and greasewood.

East, on true line, on S. bdy. of sec. 34.
Over, rolling prairie land, thru scattering undergrowth.
20.60 Wash, 10 lks. wide, course NW.
Ascend 23 ft. over W. slope.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the Standard $\frac{1}{4}$ sec. cor. of sec. 34, with brass cap marked,

SC
 $\frac{1}{4}$ S34

1927

Dig pits 18x18x12 ins. on each, E. and W. of cor. 3 ft. dist.,

Survey of the 9th Standard Parallel North, thru Part of Range 5 East.

Chains
 58.10 Wash, 10 lks. wide, course N. Descend 23 ft. over E. slope.
 80.00 Set an iron post 3 ft. long, 2 in. in diam., 26 ins. in
 the ground, for the Standard cor. of secs. 34 and 35,
 with brass cap marked

SC
 T 37 N R 5 E
 S 34 | S 35
 1927

Dig pits 18 x 18 x 12 ins., one each, E., W. and N. of
 cor. 3 ft. dist.

Land, rolling prairie.

Soil, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, sagebrush, blackbrush, cactus and grass.

East, on true line on south bdy. of sec. 35 (W. $\frac{1}{4}$).
 Over rolling prairie land, thru scattering undergrowth.
 36.48 Intersect West rim of Marble Canyon of the Colorado
 River, brs. NE. and SW., about 2000 ft. above the river.
 At this point,
 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in
 the ground, supported by a mound of stone 4 ft. base
 2 ft. high, deposit a stone marked cross (X) at base
 of post, for witness cor. to Standard $\frac{1}{4}$ sec. cor. of
 sec. 35, with brass cap marked

SC
 $\frac{1}{4}$ S 35 W C
 1927

Discontinue chaining at this W. C. as the remainder of
 the line falls in canyon.
 40.00 True point for std. $\frac{1}{4}$ sec. cor. of sec. 35 falls on the
 canyon wall where it is inaccessible and can not be
 monumented, therefore establish W. C. at 3.52 chs. W.
 as described above.
 The East $1\frac{1}{2}$ miles of the Parallel in R. 5 E. falls in
 Marble Canyon and are unsurveyable.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 Timber, none.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

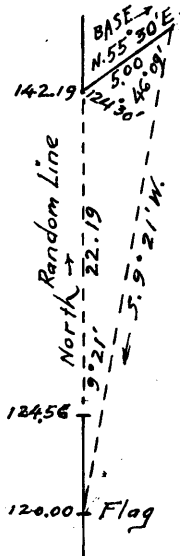
Survey of Part (N. 4 mi.) of East Bdy. of T. 37 N., R. 5 E.

Chains The greater part of the S. 2 miles of the East Bdy. of T. 37 N., R. 5 E., falls in the Marble Canyon of the Colorado River and is unsurveyable. To establish the cor. of secs. 19 and 24, 25 and 30 for initial point of the survey of the North four miles of the Tp. bdy. begin at the std. cor. of secs. 34 and 35 on the S. bdy. of the Tp. (9th Std. Par N.) and survey a traverse N. 0° 1' W., 80.00 chs., thence East 80.00 chs. on Auxiliary Base Line, thence N. 0° 1' W., 80.00 chs., thence East, 80.00 chs. on another Auxiliary Base Line to a point theoretically 160.00 chs. due North from the point for std. cor. of T. 37 N., Rs. 5 and 6 E. This traverse being on subdivision lines of T. 37 N., R. 5 E., it is monumented with sec. and $\frac{1}{4}$ sec. cors. in the normal manner, and the survey of same is hereinafter described in the notes of "Survey of Part of the Subdivision Lines of T. 37 N., R. 5 E.", in the regular order.

From the cor. of secs. 19, 24, 25 and 30. North, on random line, for bearing of E. bdy. of T. 37 N., R. 5 E., setting temp. $\frac{1}{4}$ sec. and sec. cors., alternately, at intervals of 40.00 chs.

120.00 Set temp. $\frac{1}{4}$ sec. cor. of secs. 13 and 18.

124.56 S. rim of North Canyon. Discontinue chaining and triangulate measurement to point on random Tp. bdy. at N. rim of this canyon as follows:



From point ahead at N. rim of canyon, measure a Base N. 55° 30' E., 5.00 chs. Set flag at temp. $\frac{1}{4}$ sec. cor. of secs. 13 and 18.

From NE. end of Base the flag bears S. 9° 21' W.

All bearings checked by direct reading of the solar and all angles checked by deflection.

Dist. chained to flag

= 120.00 chains North.

Dist triangulated = 22.19 " "

Total dist. to N. rim of canyon m= 142.19 " "

142.19 Triangulation point. Continue line and measurement by chaining.

320.02 Fall 1 lk. W. of cor. of Ts. 37 and 38 N., Rs. 5 and 6 E., hereinafter described. The true bearing of the East bdy. of T. 37 N., R. 5 E., is therefore North.

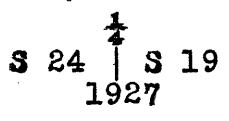
From cor. of secs. 19, 24, 25 and 30, hereinafter described.

13.06 South, on blank line, bet. secs. 25 and 30 ($N. \frac{1}{2}$) Intersect W. rim of Marble Canyon, bearing NE. and SW., 2000 ft. above the Colorado River, course SW. Set temp. point at this intersection for traverse of rim.

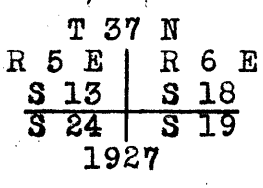
From cor. of secs. 19, 24, 25 and 30, hereinafter described, North, on true line, bet. secs. 19 and 24.

Survey of Part (N. 4 mi.) of East Bdy. of T. 37 N., R. 5 E.

Chains Over rolling land, thru scattering undergrowth.
 Descend 23 ft. over N. slope.
 31.10 Wash, 10 lks. wide, course NW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 25 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of secs. 19 and 24, with
 brass cap marked,

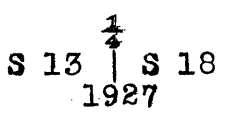


Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.
 46.60 Wash, 10 lks. wide, course NE.
 65.00 Small spur, slopes NE.
 79.60 Wash, 20 lks. wide, course E.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 26 ins. in
 the ground, for the cor. of secs. 13, 18, 19 and 24,
 with brass cap marked

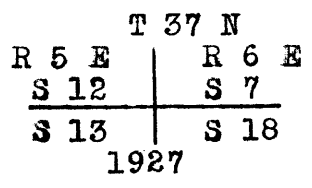


Raise a mound of stone 3 ft. base, 2 ft. high, W. of
 cor.
 Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

North, on true line, bet. secs. 13 and 18.
 Over rolling land, thru scattering undergrowth.
 15.00 Wash, 10 lks. wide, course NW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in
 the ground to bedrock, supported in a mound of stone
 5 ft. base, 2 ft. high, deposit a stone 12 x 6 x 6
 ins. marked with a cross (X) at base of post, for the
 $\frac{1}{4}$ sec. cor. of secs. 13 and 18, with brass cap marked



44.56 South rim of North Canyon, bears E. and W. Discontinue
 chaining. Measurement across canyon by triangula-
 tion hereinbefore described.
 53.00 (Approx.) Bottom of North Canyon, about 200 ft. deep,
 course E.
 62.19 North rim of North Canyon, bears E. & W. Continue line
 and measurement by chaining.
 70.00 Head of draw, course W.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 2 ins. in
 the ground to bedrock, supported in a mound of stone
 5 ft. base, 2 $\frac{1}{2}$ ft. high, deposit a stone 12 x 6 x 4
 ins. marked with a cross (X) at base of post, for the
 cor. of secs. 7, 12, 13 and 18, with brass cap marked,



Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

Survey of Part (N. 4 mi.) of East Bdy. of T. 37 N., R. 5 E.

Chains North, on true line, bet. secs. 7 and 12.
Over rolling land, thru scattering undergrowth.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, $1\frac{1}{2}$ ft. high, deposit a stone 12 x 12 x 4 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12, with brass cap marked

$$\begin{array}{ccc} & \frac{1}{4} & \\ & \uparrow & \\ S\ 12 & & S\ 7 \\ & 1927 & \end{array}$$

Descend 52 ft. over N. slope.
75.00 Wash, 20 lks. wide, 1 ft. deep, course W.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 2 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, $2\frac{1}{2}$ ft. high, deposit a stone 12 x 6 x 2 ins. marked with a cross (X) at base of post, for the cor. of secs. 1, 6, 7 and 12, with brass cap marked

$$\begin{array}{ccc} & T\ 37\ N & \\ R\ 5\ E & | & R\ 6\ E \\ S\ 1 & | & S\ 6 \\ \hline S\ 12 & | & S\ 7 \\ & 1927 & \end{array}$$

Land, rolling.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

North, on true line, bet. secs. 1 and 6.
Over rolling land, thru scattering undergrowth.
Descend 41 ft. over N. slope.
19.80 Wash, 20 lks. wide, course NW.
Ascend 23 ft. over S. slope.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, $1\frac{1}{2}$ ft. high, deposit a stone 12 x 12 x 4 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, with brass cap marked

$$\begin{array}{ccc} & \frac{1}{4} & \\ & \uparrow & \\ S\ 1 & & S\ 6 \\ & 1927 & \end{array}$$

Descend 23 ft. over N. slope.
80.02 Intersect the cor. of Tps. 37 and 38 N., Rs. 5 and 6 E., established in 1925, which is an iron post 3 ins. in diam., projecting 25 ins. above ground, firmly set in a mound of stone, and properly marked on brass cap.

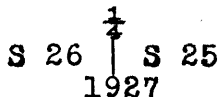
Land, rolling.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

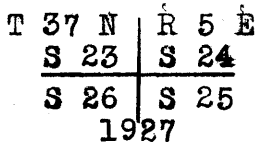
Chains From the cor. of secs. 25, 26, 35 and 36, hereinafter described.
 S. 0° 1' E., on blank line, bet. secs. 35 and 36 (N. $\frac{1}{4}$)
 Over rolling land, thru scattering undergrowth.
 10.44 Set temp. point on rim of Marble Canyon, bears NE. and SW., about 2,000 ft. above the Colorado River. The remainder of the line is in the canyon.
 Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

 From the cor. of secs. 25, 26, 35 and 36, hereinafter described.
 East, on blank line, bet. secs. 25 and 36 (W. $\frac{1}{4}$).
 Over rolling land, thru scattering undergrowth.
 13.14 Set temp. point on rim of Marble Canyon, bears NE. and SW. about 2,000 ft. above the Colorado River. The remainder of the line is in the canyon.
 Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

 From cor. of secs. 25, 26, 35 and 36, hereinafter described,
 N. 0° 1' W., on true line, bet. secs. 25 and 26.
 Over rolling land, thru scattering undergrowth.
 Descend 23 ft. over N. slope.
 20.00 Wash, 10 lks. wide, course NE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the ground to bed rock, supported in a mound of stone 5 ft. base 2 ft. high, deposit a stone 12 x 8 x 6 ins., marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26, with brass cap marked,



77.00 Same wash, course NW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 15 ins. in the ground to bedrock, supported in a mound of stone, 5 ft. base $1\frac{1}{2}$ ft. high, deposit a stone 8 x 6 x 6 ins., marked with a cross (X) at base of post, for the cor. of secs. 23, 24, 25 and 26, with brass cap marked,



Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

 East, on Auxiliary Base Line, bet. secs. 24 and 25.
 Over rolling land, thru scattering undergrowth.
 10.00 Head of draw, course NE. Descend 23 ft. over E. slope.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

30.00 Draw, course NE.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 4 ft. base, 2 ft. high, deposit a stone 6 x 6 x 6 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 24 and 25, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \text{ S } 24 \\ \hline \text{S } 25 \\ 1927 \end{array}$$

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 12 x 8 x 6 ins. marked with a cross (X) at base of post, for the cor. of secs. 19, 24, 25 and 30, T. 37 N., Rs. 5 and 6 E., with brass cap marked

$$\begin{array}{c} \text{T } 37 \text{ N} \\ \text{R } 5 \text{ E} \quad | \quad \text{R } 6 \text{ E} \\ \hline \text{S } 24 \quad | \quad \text{S } 19 \\ \text{S } 25 \quad | \quad \text{S } 30 \\ 1927 \end{array}$$

Land, rolling.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

N. 0° 01' W., on true line bet. secs. 23 and 24.
Over rolling prairie land, thru scattering undergrowth.

17.60 Wash, 10 lks. wide, course NE.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 23 and 24, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 23 \quad | \quad \text{S } 24 \\ 1927 \end{array}$$

65.70 Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.
Wash, 10 lks. wide, course NW.

79.10 Wash, 10 lks. wide, course NW.

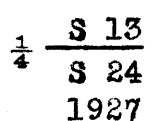
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 8 x 6 x 6 ins. marked with a cross (X) at base of post, for the cor. of secs. 13, 14, 23 and 24, with brass cap marked,

$$\begin{array}{c} \text{T } 37 \text{ N} \quad \text{R } 5 \text{ E} \\ \hline \text{S } 14 \quad | \quad \text{S } 13 \\ \text{S } 23 \quad | \quad \text{S } 24 \\ 1927 \end{array}$$

Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

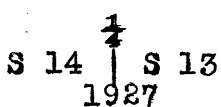
Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains East, on random line, bet. secs. 13 and 24.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.08 Fall 7 lks. N. of the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of Tp., hereinbefore described.
 Thence
 N. 89° 57' W., on true line bet. secs. 13 and 24.
 Over rolling prairie land, thru scattering undergrowth.
 27.50 Wash, 8 lks. wide, course NE.
 40.04 Set an iron post 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, supported in a mound of stone 4 ft. base, $1\frac{1}{2}$ ft. high, deposit a stone 6 x 4 x 4 ins. marked cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 13 and 24, with brass cap marked

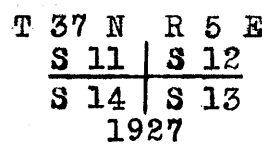


80.08 Intersect the cor. of secs. 13, 14, 23 and 24.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

 N. 0° 01' W., on true line bet. secs. 13 and 14.
 Over rolling prairie land, thru scattering undergrowth.
 Descend 60 ft. over NW. slope.
 9.80 Wash, 25 lks. wide, course NE.
 Ascend 50 ft. over SE. slope.
 25.00 Top of ascent, thence over rolling land.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 7 x 4 x 4 ins. marked cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 13 and 14, with brass cap marked



Descend 120 ft. over NW. slope.
 51.10 Wash, 80 lks. wide, course NE.
 Ascend 65 ft. over SE. slope.
 61.20 Spur, slopes E. Descend 305 ft. over NE. slope
 71.60 Wash, 30 lks. wide, course SE. (North Canyon Wash)
 Ascend 180 ft. over SW. slope.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 5 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 10 x 8 x 5 ins. marked cross (X) at base of post, for the cor. of secs. 11, 12, 13 and 14, with brass cap marked



Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

- Chains East, on random line, bet. secs. 12 and 13.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., hereinbefore described.
 Thence
 West, on true line, bet. secs. 12 and 13.
 Over rolling land, thru scattering undergrowth.
 7.50 Draw, course SW.
 40.02 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 8 x 5 x 3 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 12 and 13, with brass cap marked
- $$\begin{array}{c} \frac{1}{4} \text{ S } 12 \\ \frac{1}{4} \text{ S } 13 \\ 1927 \end{array}$$
- 43.00 Descend 135 ft. over SW. slope.
 54.90 Wash, 15 lks. wide, course S. Ascend 140 ft. over SE. slope.
 72.40 Spur, slopes S. Descend 97 ft. over SW. slope.
 80.04 Intersect the cor. of secs. 11, 12, 13 and 14.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.
-
- N. 0° 1' W., on true line, bet. secs. 11 and 12.
 Over rolling land, thru scattering undergrowth.
 Ascend 100 ft. over SW. slope.
 9.00 Top of ascent, thence over rolling land.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground, to bedrock, supported in a mound of stone 5 ft. base, 1 $\frac{1}{2}$ ft. high, deposit a stone 10 x 6 x 4 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 11 and 12, with brass cap marked
- $$\begin{array}{c} \frac{1}{4} \\ \text{S } 11 \quad | \quad \text{S } 12 \\ 1927 \end{array}$$
- 51.00 Wash, 5 lks. wide, course W.
 74.50 Wash, 5 lks. wide, course NW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bed rock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 8 x 6 x 4 ins. marked with a cross (X) at base of post, for the cor. of secs. 1, 2, 11 and 12, with brass cap marked
- $$\begin{array}{c} \text{T } 37 \text{ N } \quad \text{R } 5 \text{ E} \\ \text{S } 2 \quad | \quad \text{S } 1 \\ \hline \text{S } 11 \quad | \quad \text{S } 12 \\ 1927 \end{array}$$
- Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.
-
- East, on random line, bet. secs. 1 and 12.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Fall 10 lks. S. of the cor. of secs. 1, 6, 7 and 12, on

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains the E. Bdy. of the Tp., hereinbefore described.
 Thence
 S. 89° 56' W., on true line, bet. secs. 1 and 12.
 Over rolling land, thru scattering undergrowth.
 Descend 23 ft. over W. slope.
 2.60 Wash, course NW., at junction of washes from SE. and SW.
 15.00 Wash, 20 lks. wide, course NE.
 40.06 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 1 and 12,
 with brass cap marked

$\frac{1}{4}$ $\frac{S 1}{S 12}$
 1927

44.90 Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Wash, 20 lks. wide, course NE.
 54.70 Wash, 10 lks. wide, course NE.
 80.12 Intersect the cor. of secs. 1, 2, 11 and 12.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

N. 0° 1' W., on random line bet. secs. 1 and 2.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.11 Fall 21 lks. W. of the true point for cor. of secs. 1, 2,
 35 and 36, on N. Bdy. of the Tp., which is witnessed
 1.66 chs. W. by an iron post 2 ins. diam. projecting
 22 ins. above ground, firmly set in ground and md. of
 stone properly marked on brass cap. No accessories.
 From true cor. point,
 S. 0° 08' W., on true line, bet. secs. 1 and 2.
 Over rolling land, thru scattering undergrowth.
 0.30 Center of House Rock Wash, 1 ch. wide, course NE.
 Ascend 120 ft. over N. slope.
 7.70 Wash, 50 lks. wide, course NW. Ascend 95 ft. over N. slope
 34.10 Wash, 10 lks. wide, course NW.
 40.11 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, with
 brass cap marked

$\frac{1}{4}$
 S 2 | S 1
 1927

80.11 Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.
 Ascend 46 ft. over gradual N. slope.
 Intersect the cor. of secs. 1, 2, 11 and 12.
 Land, rolling prairie.
 Soil, gravelly 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

From the standard cor. of secs. 34 and 35 on S. bdy. of
 Tp., (9th Std. Par. N.) hereinbefore described,
 N. 0° 1' W., on a true line, bet. secs. 34 and 35.
 Over rolling land, thru scattering undergrowth.
 30.00 Wash, 20 lks. wide, course NW.
 39.30 Same wash, course NE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bed rock, supported in a mound of stone
 4 ft. base, 2 ft. high, deposit a stone 12 x 6 x 4 ins.
 marked with a cross (X) at base of post, for $\frac{1}{4}$ sec.
 cor. of secs. 34 and 35 with brass cap marked

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 34 \quad | \quad \text{S } 35 \\ 1927 \end{array}$$

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 12 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 12 x 6 x 6 ins. marked with a cross (X) at base of post, for cor. of secs. 26, 27, 34 and 35, with brass cap marked

$$\begin{array}{c} \text{T } 37 \text{ N } \quad \text{R } 5 \text{ E} \\ \text{S } 27 \quad | \quad \text{S } 26 \\ \text{S } 34 \quad | \quad \text{S } 35 \\ 1927 \end{array}$$

Land, rolling.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 East, on Auxiliary Base Line, bet. secs. 26 and 35. Over rolling land, thru scattering undergrowth. Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, supported in a mound of stone 4 ft. base, 2 ft. high, deposit a stone 6 x 3 x 2 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \quad \text{S } 26 \\ \text{S } 35 \\ 1927 \end{array}$$

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 12 x 6 x 5 ins. marked with a cross (X) at base of post, for the cor. of secs. 25, 26, 35 and 36, with brass cap marked

$$\begin{array}{c} \text{T } 37 \text{ N } \quad \text{R } 5 \text{ E} \\ \text{S } 26 \quad | \quad \text{S } 25 \\ \text{S } 35 \quad | \quad \text{S } 36 \\ 1927 \end{array}$$

Land, rolling.
Soil, gravelly, 2nd and 3rd rate.
Timber, none.
Undergrowth, sagebrush, blackbrush, cactus and grass.

From the cor. of secs. 26, 27, 34 and 35, hereinbefore described.

N. 0° 1' W., on true line bet. secs. 26 and 27. Over rolling land, thru scattering undergrowth.

14.00 Wash, 10 lks. wide, course NW.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 26 and 27, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 27 \quad | \quad \text{S } 26 \\ 1927 \end{array}$$

80.00 Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist. Set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 22, 23, 26 and 27, with brass cap marked

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

T 37 N R 5 E	
S 22	S 23
S 27	S 26
1927	

Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

East, on random line bet. secs. 23 and 26.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Fall 9 lks. S. of the cor. of secs. 23, 24, 25 and 26.
 Thence
 S. 89° 56' W., on true line bet. secs. 23 and 26.
 Over rolling land, thru scattering undergrowth.
 11.40 Wash, 10 lks. wide, course NW.
 12.30 Wash, 10 lks. wide, course NE.
 39.98 Set an iron post 3 ft. long, 1 in. in diam., 7 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 10 x 7 x 5 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 23 and 26, with brass cap marked

$\frac{1}{4}$	S 23
	S 26
1927	

57.00 Wash, 8 lks. wide, course N.
 79.96 Intersect the cor. of secs. 22, 23, 26 and 27.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

N. 0° 1' W., on true line bet. secs. 22 and 23.
 Over rolling land, thru scattering undergrowth.
 24.90 Wash, 15 lks. wide, course NE.
 33.90 Wash, 15 lks. wide, course NW.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, supported in a mound of stone 4 ft. base, 1 $\frac{1}{2}$ ft. high, deposit a stone 7 x 5 x 4 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 22 and 23, with brass cap marked

S 22	$\frac{1}{4}$	S 23
1927		

49.50 Wash, 15 lks. wide, course NE.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 14, 15, 22 and 23, with brass cap marked

T 37 N R 5 E	
S 15	S 14
S 22	S 23
1927	

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains	Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, rolling prairie. Soil, gravelly, 2nd and 3rd rate. No timber. Undergrowth, sagebrush, blackbrush, cactus and grass.

	East, on random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.96	Fall 18 lks. S. of the cor. of secs. 13, 14, 23 and 24. Thence, S. $89^{\circ} 52'$ W., on true line bet. secs. 14 and 23. Over rolling land, thru scattering undergrowth. Descend 30 ft. over W. slope.
11.00	Wash, 10 lks. wide, course NW.
12.30	Wash, 15 lks. wide, course N. Ascend 62 ft. over NE. slope.
26.60	Top of ascent.
27.30	Descend 110 ft. over W. slope.
35.10	Wash, 30 lks. wide, course N. Ascend 75 ft. over E. slope.
37.20	Rocky ledge, bears N. and S. faces E.
39.98	Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground, to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 12 x 8 x 5 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 14 and 23, with brass cap marked
	$\frac{1}{4}$ $\frac{\$ 14}{\$ 23}$ 1927
79.96	Intersect the cor. of secs. 14, 15, 22 and 23. Land, rolling prairie. Soil, gravelly, 2nd and 3rd rate. No timber. Undergrowth, sagebrush, blackbrush, cactus and grass.

	N. $0^{\circ} 1'$ W., on true line, bet. secs. 14 and 15. Over rolling land, thru scattering undergrowth.
21.00	Descend 65 ft. over N. slope.
29.60	Wash, 10 lks. wide, course W. Ascend 50 ft. over SW. slope
31.50	Spur, slopes W. Descend 20 ft. over NW. slope to
40.00	Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 10 x 7 x 7 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 14 and 15, with brass cap marked
	$\frac{1}{4}$ $\$ 15 \quad \quad \$ 14$ 1927
	Descend 110 ft. over NW. slope.
49.30	Wash, 10 lks. wide, course NE. Ascend 42 ft. over SE. slope.
51.50	Spur, slopes NE. Descend 40 ft. over N. slope.
58.30	Wash, 15 lks. wide, course NE. Ascend 30 ft. over S. slope.
61.00	Spur, slopes E. Descend 115 ft. over N. slope.
64.30	Wash, 30 lks. wide, course NE. (North Canyon Wash) Ascend 130 ft. over S. slope.
75.00	Top of ascent, thence over level land.
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 12 x 5 x 3 ins.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains marked with a cross (X) at base of post, for the cor. of secs. 10, 11, 14 and 15, with brass cap marked,

T 37 N R 5 E
 $\frac{S 10}{S 15} | \frac{S 11}{S 14}$
 1927

Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

East, on random line bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Fall 9 lks. S. of the cor. of secs. 11, 12, 13 and 14.
 Thence
 S. 89° 56' W., on true line bet. secs. 11 and 14.
 Over rolling land, thru scattering undergrowth.
 Descend 180 ft. over SW. slope.
 6.40 Bend in wash, 30 lks. wide, from SW. to SE. (North Canyon Wash)
 Ascend 190 ft. over SE. slope.
 20.20 Top of ascent, thence over rolling land.
 40.01 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone, 5 ft. base, 2 ft. high, deposit a stone 6 x 5 x 3 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 11 and 14, with brass cap marked

$\frac{1}{4} \frac{S 11}{S 14}$
 1927

80.02 Intersect the cor. of secs. 10, 11, 14 and 15.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

N. 0° 01' W., on true line bet. secs. 10 and 11.
 Over rolling land, thru scattering undergrowth.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 14 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 1 $\frac{1}{2}$ ft. high, deposit a stone 6 x 4 x 4 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 10 and 11, with brass cap marked

$\frac{1}{4} \frac{S 10}{S 11}$
 1927

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 14 x 8 x 5 ins. marked with a cross (X) at base of post, for the cor. of secs. 2, 3, 10 and 11, with brass cap marked

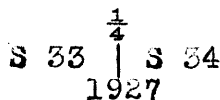
T 37 N R 5 E
 $\frac{S 3}{S 10} | \frac{S 2}{S 11}$
 1927

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

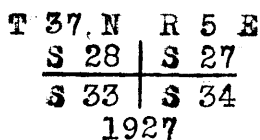
- Chains Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.
-
- East, on random line bet. secs. 2 and 11.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.08 Fall 11 lks. S. of the cor. of secs. 1, 2, 11 and 12.
Thence,
S. 89° 55' W., on true line bet. secs. 2 and 11.
Over rolling land, thru scattering undergrowth.
- 6.80 Wash, 10 lks. wide, course N.
15.00 Wash, 10 lks. wide, course NE.
29.50 Wash, 10 lks. wide, course NE.
40.04 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
the ground, for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11,
with brass cap marked
- $$\frac{1}{4} \frac{S 2}{S 11}$$
- 1927
- 80.08 Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
Intersect the cor. of secs. 2, 3, 10 and 11.
Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.
-
- North, on random line, bet. secs. 2 and 3.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.27 Fall 23 lks. W. of the cor. of secs. 2, 3, 34 and 35, on
N. bdy. of the Tp., which is an iron post 2 ins. diam.,
projecting 8 ins. above ground, firmly set, properly
marked on brass cap and witnessed by four pits one
each NE., SE., SW. and NW. of cor.
Thence
S. 0° 10' W., on true line, bet. secs. 2 and 3.
Over rolling land, thru scattering undergrowth.
37.27 House Rock Wash, 2 chs. wide, course NE.
40.27 Set an iron post 3 ft. long, 1 in. in diam., over a cross
(X) marked on surface rock, and raise a mound of stone
around post, for $\frac{1}{4}$ sec. cor. of secs. 2 and 3, with brass cap marked
- $$S 3 \frac{1}{4} S 2$$
- 1927
- 80.27 Intersect the cor. of secs. 2, 3, 10 and 11.
Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.
-
- From the Standard cor. of secs. 33 and 34, on S. bdy. of
Tp., (9th Std. Par. N.), hereinbefore described.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains N. 0° 02' W., on true line bet. secs. 33 and 34.
 Over rolling land, thru scattering undergrowth.
 16.80 Wash, 10 lks. wide, course NW.
 35.20 Wash, 15 lks. wide, course NE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34,
 with brass cap marked

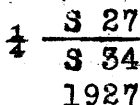


53.00 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Wash, 20 lks. wide, course NW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in
 the ground, for the cor. of secs. 27, 28, 33 and 34,
 with brass cap marked



Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 East, on random line, bet. secs. 27 and 34.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect the cor. of secs. 26, 27, 34 and 35.
 Thence
 West, on true line bet. secs. 27 and 34.
 Over rolling land, thru scattering undergrowth.
 21.20 Wash, 10 lks. wide, course N.
 39.98 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post, and raise a md. of stone
 around post, for the $\frac{1}{4}$ sec. cor. of secs. 27 and 34,
 with brass cap marked



79.96 Intersect the cor. of secs. 27, 28, 33 and 34.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 N. 0° 02' W., on true line bet. secs. 27 and 28.
 Over rolling land, thru scattering undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam., 4 ins. in
 the ground to bedrock, supported in a mound of stone
 5 ft. base 2 ft. high, deposit a stone 6 x 6 x 4 ins.
 marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec.
 cor. of secs. 27 and 28, with brass cap marked

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 28 \quad | \quad \text{S } 27 \\ \hline 1927 \end{array}$$

78.80 Wash, 20 lks. wide, course NW.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 21, 22, 27 and 28, with brass cap marked

$$\begin{array}{c} \text{T } 37 \text{ N } \quad \text{R } 5 \text{ E} \\ \text{S } 21 \quad | \quad \text{S } 22 \\ \hline \text{S } 28 \quad | \quad \text{S } 27 \\ \hline 1927 \end{array}$$

Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 East, on random line bet. secs. 22 and 27.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect the cor. of secs. 22, 23, 26 and 27.
 Thence

West, on true line bet. secs. 22 and 27.
 Over rolling prairie land, thru scattering undergrowth.
 5.20 Wash, 10 lks. wide, course NE.
 40.01 Set an iron post 3 ft. long, 1 in. in diam., 5 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 8 x 5 x 5 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 22 and 27, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \quad \text{S } 22 \\ \hline \text{S } 27 \\ \hline 1927 \end{array}$$

80.02 Intersect the cor. of secs. 21, 22, 27 and 28.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 N. 0° 02' W., on true line bet. secs. 21 and 22.
 Over rolling prairie land, thru scattering undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam., 8 ins. in the ground to bedrock, supported in a mound of stone 5 ft. base 2 ft. high, deposit a stone 10 x 6 x 5 ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22, with brass cap marked

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 21 \quad | \quad \text{S } 22 \\ \hline 1927 \end{array}$$

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 15, 16, 21 and 22, with brass cap marked

$$\begin{array}{c} \text{T } 37 \text{ N } \quad \text{R } 5 \text{ E} \\ \text{S } 16 \quad | \quad \text{S } 15 \\ \hline \text{S } 21 \quad | \quad \text{S } 22 \\ \hline 1927 \end{array}$$

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

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

40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.10 Fall 7 lks. N. of the cor. of secs. 14, 15, 22 and 23.
Thence
N. $89^{\circ} 57'$ W., on true line, bet. secs. 15 and 22.
Over rolling prairie land, thru scattering undergrowth.
40.05 Set an iron post 3 ft. long, 1 in. in diam., 10 ins. in
the ground to bedrock, supported in a mound of stone
5 ft. base, 2 ft. high, deposit a stone 6 x 5 x 3 ins.
marked with a cross (X) at base of post, for the $\frac{1}{4}$
sec. cor. of secs. 15 and 22, with brass cap marked

$\frac{1}{4}$ $\frac{S 15}{S 22}$
1927

41.20 Wash, 15 lks. wide, course NW.
60.70 Wash, 15 lks. wide, course N.
80.10 Intersect the cor. of secs. 15, 16, 21 and 22.
Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

N. $0^{\circ} 02'$ W., on true line, bet. secs. 15 and 16.
Over rolling prairie land, thru scattering undergrowth.

18.00 Descend 60 ft. over N. slope.
23.70 North Canyon, course NE.
40.00 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for the $\frac{1}{4}$ sec. cor. of secs. 15, and 16,
with brass cap marked

$S 16 \frac{1}{4} S 15$
1927

75.60 Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.
Wash, 5 lks. wide, course NE.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 6 ins. in
the ground to bedrock, supported in a mound of stone
5 ft. base, 2 ft. high, deposit a stone 6 x 5 x
4 ins. marked with a cross (X) at base of post, for
the cor. of secs. 9, 10, 15 and 16, with brass cap
marked

T 37 N R 5 E
 $\frac{S 9}{S 16} \frac{S 10}{S 15}$
1927

Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

Survey of Part of the Subdivisional Lines of Township 37 N., R. 5 E.

Chains East, on random line, bet. secs. 10 and 15.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.00 Fall 2 lks. N. of the cor. of secs. 10, 11, 14 and 15.
 Thence
 N. 89° 59' W., on true line, bet. secs. 10 and 15.
 Over rolling prairie land, thru scattering undergrowth.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 10 and 15,
 with brass cap marked

$\frac{1}{4}$ $\frac{S 10}{S 15}$
1927

75.20 Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
 Wash, 5 lks. wide, course NE.
 80.00 Intersect the cor. of secs. 9, 10, 15 and 16.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 N. 0° 02' W., on true line bet. secs. 9 and 10.
 Over rolling land, thru scattering undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10,
 with brass cap marked

$\frac{1}{4}$
S 9 | S 10
1927

76.10 Dig pits 18 x 18 x 12 ins. N. and S. of cor., 3 ft. dist.
 Wash, 10 lks. wide, course NE.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 8 ins. in
 the ground to bedrock, supported in a mound of stone
 5 ft. base, 2 ft. high, deposit a stone 8 x 5 x 5 ins.
 marked with a cross (X) at base of post, for the cor.
 of secs. 3, 4, 9 and 10, with brass cap marked

T 37 N R 5 E
 $\frac{S 4}{S 9}$ | $\frac{S 3}{S 10}$
1927

Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 East, on random line, bet. secs. 3 and 10.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.84 Fall 2 lks. N. of the cor. of secs. 2, 3, 10 and 11.
 Thence
 N. 89° 59' W., on true line bet. secs. 3 and 10.
 Over rolling land, thru scattering undergrowth.
 39.92 Set an iron post 3 ft. long, 1 in. in diam., on bedrock,
 supported in a mound of stone 6 ft. base, 2 $\frac{1}{2}$ ft. high,
 mark a cross (X) on bedrock, at base of post, for the
 $\frac{1}{4}$ sec. cor. of secs. 3 and 10, with brass cap marked

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

1/4 S 3
S 10
1927

59.60 Wash, 15 lks. wide, course NW.
72.70 Wash, 10 lks. wide, course NE.
79.84 Intersect the cor. of secs. 3, 4, 9 and 10.
Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

N. 0° 01' W., on random line bet. secs. 3 and 4.

40.00 Set temp. 1/4 sec. cor.

80.38 Intersect the cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the township, which is an iron post 2 ins. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap and witnessed by four pits, one each NE., SE., SW. and NW. of cor.

Thence

S. 0° 01' E., on true line bet. secs. 3 and 4.

Over rolling land, thru scattering undergrowth.

29.10 Wash, 90 lks. wide, course E. (Known as "House Rock Wash")

33.20 Wash, 15 lks. wide, course E.

40.38 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the 1/4 sec. cor. of secs. 3 and 4, with brass cap marked

S 4 | S 3
1927

80.38 Intersect the cor. of secs. 3, 4, 9 and 10.

Land, rolling.

Soil, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, sagebrush, blackbrush, cactus and grass.

From std. cor. of secs. 32 & 33 on S. bdy. of Tp. (9th Std. Par. N.), hereinbefore described,
N. 0° 03' W., on true line, bet. secs. 32 and 33.

Over rolling land, thru scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 6 ins. in the ground, to bedrock, supported in a mound of stone 5 ft. base, 2 ft. high, deposit a stone 14 x 10 x 6 ins. marked with a cross (X) at base of post, for the 1/4 sec. cor. of secs. 32 and 33, with brass cap marked

S 32 | S 33
1927

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 18 ins. in the ground to bedrock, supported in a mound of stone 4 ft. base, 1 1/2 ft. high, deposit a stone 6 x 5 x 5 ins. marked with a cross (X) at base of post, for the cor. of secs. 28, 29, 32 and 33, with brass cap marked

T 37 N R 5 E
S 29 | S 28
S 32 | S 33
1927

Land, rolling prairie.

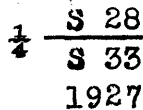
Soil, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, sagebrush, blackbrush, cactus and grass.

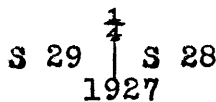
Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains East, on random line, bet. secs. 28 and 33.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Fall 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.
 Thence
 S. $89^{\circ} 58'$ W., on true line bet. secs. 28 and 33.
 Over rolling land, thru scattering undergrowth.
 14.90 Wash, 15 lks. wide, course NW.
 39.96 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 28 and 33,
 with brass cap marked

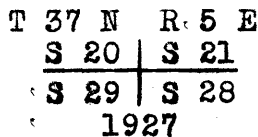


64.10 Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
 Wash, 20 lks. wide, course N.
 79.92 Intersect the cor. of secs. 28, 29, 32 and 33.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 N. $0^{\circ} 03'$ W., on true line, bet. secs. 28 and 29.
 Over rolling land, thru scattering undergrowth.
 Descend 23 ft. over N. slope.
 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29,
 with brass cap marked



75.20 Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Descend 63 ft. over N. slope.
 Wash, 20 lks. wide, course W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in
 the ground, for the cor. of secs. 20, 21, 28 and 29,
 with brass cap marked



Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus, grass and
 greasewood.

40.00 East, on random line bet. secs. 21 and 28.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.88 Fall 10 lks. N. of the cor. of secs. 21, 22, 27 and 28.
 Thence
 N. $89^{\circ} 56'$ W., on true line bet. secs. 21 and 28.
 Over rolling land, thru scattering brush.
 0.60 Wash, 20 lks. wide, course NW.
 13.80 Wash, 5 lks. wide, course NW.
 39.30 Wash, 20 lks. wide, course N.
 39.94 Set an iron post 3 ft. long, 1 in. in diam., 6 ins. in
 the ground to bedrock, supported in a mound of stone
 5 ft. base, 2 ft. high, deposit a stone 14 x 8 x 6

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains ins. marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 21 and 28, with brass cap marked

$\frac{1}{4}$ $\frac{S 21}{S 28}$
1927

56.90 Wash, 10 lks. wide, course NW.
79.88 Intersect the cor. of secs. 20, 21, 28 and 29.
Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

N. 0° 03' W., on true line bet. secs. 20 and 21.
Over rolling land, thru scattering undergrowth.
Descend 72 ft. over N. slope.

27.70 Wash, 50 lks. wide, course NE. Descend 23 ft. over N. slope.
34.00 Same wash, course NW. Ascend 24 ft. over S. slope to
40.00 Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in
the ground, for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21,
with brass cap marked

S 20 $\frac{1}{4}$ S 21
1927

Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor.
Descend 69 ft. over N. slope.
55.00 Same wash, course NE. Descend 23 ft. over N. slope.
61.00 Same wash, course NW. Descend 75 ft. over N. slope to
71.60 North Canyon wash, 2 chs. wide, course SE.
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 26 ins. in
the ground, for the cor. of secs. 16, 17, 20 and 21,
with brass cap marked

T 37 N R 5 E
 $\frac{S 17}{S 20}$ | $\frac{S 16}{S 21}$
1927

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, rolling prairie.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

East, on random line bet. secs. 16 and 21.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.86 Fall 6 lks. N. of the cor. of secs. 15, 16, 21 and 22.
Thence,
N. 89° 57' W., on true line bet. secs. 16 and 21.
Over rolling land, thru scattering undergrowth.
28.70 Wash, 30 lks. wide, course NE.
39.93 Set an iron post 3 ft. long, 1 in. in diam., 25 ins. in
the ground, for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21,
with brass cap marked

$\frac{1}{4}$ $\frac{S 16}{S 21}$
1927

Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
Ascend 81 ft. over S. slope.
66.30 North Canyon, 2 chs. wide, course NE.
Ascend 142 ft. over S. slope.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

79.86

Intersect the cor. of secs. 16, 17, 20 and 21.

Land, rolling prairie.

Soil, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, sagebrush, blackbrush, cactus and grass.

N. 0° 3' W., on true line bet. secs. 16 and 17.

Over rolling land, thru scattering undergrowth.

Ascend 50 ft. over S. slope

4.00

Top of ascent, thence over rolling land.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17, with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ S 17 \quad | \quad S 16 \\ 1927 \end{array}$$

80.00

Dig pits 18 x 18 x 12 ins., N. and S. of cor. 3 ft. dist. Set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 8, 9, 16 and 17, with brass cap marked

$$\begin{array}{c} T 37 N \quad R 5 E \\ \hline S 8 \quad | \quad S 9 \\ \hline S 17 \quad | \quad S 16 \\ 1927 \end{array}$$

Dig pits 18 x 18 x 12 ins. in secs. NE., SE., SW. and NW. of cor. 3 ft. dist.

Land, rolling prairie.

Soil, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, sagebrush, blackbrush, cactus and grass.

East, on random line bet. secs. 9 and 16.

40.00

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

79.86

Fall 5 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence

N. 89° 58' W., on true line bet. secs. 9 and 16.

Over rolling land, thru scattering undergrowth.

36.05

Wash, 5 lks. wide, course NW.

39.93

Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 9 and 16, with brass cap marked
$$\begin{array}{c} \frac{1}{4} \quad S 9 \\ \hline S 16 \\ 1927 \end{array}$$

79.86

Raise a mound of stone 4 ft. base, 2 ft. high, N. of cor. Intersect the cor. of secs. 8, 9, 16 and 17.

Land, rolling prairie. Soil, gravelly, 2nd and 3rd rate.

No timber. Undergrowth, sagebrush, blackbrush, cactus & grass

N. 0° 03' W., on true line, bet. secs. 8 and 9.

Over rolling land, thru scattering undergrowth.

40.00

Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 8 and 9, with brass cap marked
$$\begin{array}{c} \frac{1}{4} \\ S 8 \quad | \quad S 9 \\ 1927 \end{array}$$

Dig pits 18 x 18 x 12 ins. N. and S. of cor. 3 ft. dist.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

80.00 Set an iron post 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the cor. of secs. 4, 5, 8 and 9, with brass cap marked

T 37 N R 5 E
 $\begin{array}{c|c} S 5 & S 4 \\ \hline S 8 & S 9 \end{array}$
 1927

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor. 3 ft. dist.

Land, rolling prairie.

Soil, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 East, on random line bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.92 Fall 3 lks. S. of the cor. of secs. 3, 4, 9 and 10.
 Thence

S. 89° 59' W., on true line bet. secs. 4 and 9.

Over rolling land, thru scattering undergrowth.

39.96 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 4 and 9, with brass cap marked

$\frac{1}{4}$ $\begin{array}{c} S 4 \\ S 9 \end{array}$
 1927

Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.

79.92 Intersect the cor. of secs. 4, 5, 8 and 9.

Land, rolling.

Soil, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, sagebrush, blackbrush, cactus and grass.

40.00 North, on random line bet. secs. 4 and 5.
 Set temp. $\frac{1}{4}$ sec. cor.

80.26 Fall 18 lks. E. of the cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., which is an iron post, 2 ins. diam., projecting 8 ins. above ground, firmly set, properly marked on brass cap and witnessed by a md. of stone W. of cor.

Thence,

S. 0° 08' E., on true line, bet. secs. 4 and 5.

Over rolling land, thru scattering undergrowth.

10.20 Enter sand hills.

40.26 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 4 and 5, with brass cap marked

$\frac{1}{4}$
 $\begin{array}{c} S 5 \\ S 4 \end{array}$
 1927

Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist.

41.50 Wash, 30 lks. wide, course E.

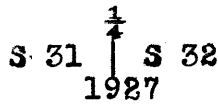
80.26 Intersect the cor. of secs. 4, 5, 8 and 9.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

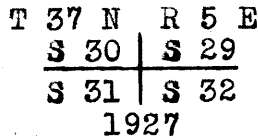
Chains Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

 From the standard cor. of secs. 31 and 32, on S. bdy. of
 Tp. (9th Std. Par. N.) hereinbefore described.
 N. 0° 03' W., on true line, bet. secs. 31 and 32.
 Over rolling land, thru scattering undergrowth.
 Descend 23 ft. over N. slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post, and raise a md. of stone
 around post for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32,
 with brass cap marked



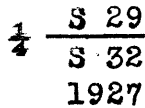
80.00 Set an iron post 3 ft. long, 2 ins. in diam., 10 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post and raise a md. of stone
 around post, for the cor. of secs. 29, 30, 31 and 32,
 with brass cap marked



Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

 East, on random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Fall 4 lks. N. of the cor. of secs. 28, 29, 32 and 33.
 Thence
 N. 89° 58' W., on true line, bet. secs. 29 and 32.
 Over rolling land, thru scattering undergrowth.
 Descend 52 ft. over W. slope.

19.00 Wash, 20 lks. wide, course NW.
 Descend 63 ft. over broken NW. slope to
 40.03 Set an iron post 3 ft. long, 1 in. in diam., 28 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32,
 with brass cap marked



Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.
 3 ft. dist
 40.20 Wash, 10 lks. wide course NE.
 45.00 Draw, course NE. Ascend 23 ft. over E. slope to
 80.06 Intersect the cor. of secs. 29, 30, 31 and 32.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains West on random line bet. secs. 30 and 31.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Fall 2 lks. N. of the cor. of secs. 25, 30, 31 and 36,
 on the W. boundary of the Tp., which is an iron post
 2 ins. in diam., projecting 18 ins. above ground,
 firmly set in ground and md. of stone, properly marked
 on brass cap, and witnessed by a md. of stone W. of
 cor.
 Thence
 N. $89^{\circ} 59'$ E., on true line, bet. secs. 30 and 31.
 Over rolling land, thru scattering undergrowth.
 3.90 Wash, 20 lks. wide, course NE.
 36.80 Wash, 20 lks. wide, course NE.
 39.90 Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post and raise a md. of stone
 around post, for the $\frac{1}{4}$ sec. cor. of secs. 30 and 31,
 with brass cap marked

$\frac{1}{4}$ $\frac{S}{S}$ $\frac{30}{31}$
 1927

79.90 Intersect the cor. of secs. 29, 30, 31 and 32.
 Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

N. $0^{\circ} 03'$ W., on true line, bet. secs. 29 and 30.
 Over rolling land, thru scattering undergrowth.
 Descend 23 ft. over N. slope.
 23.70 Wash, 10 lks. wide, course NE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 13 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post, and raise md. of stone
 around post for the $\frac{1}{4}$ sec. cor. of secs. 29 and 30,
 with brass cap marked

$\frac{1}{4}$
 $\frac{S}{S}$ $\frac{30}{29}$
 1927

Descend 34 ft. over N. slope.
 73.60 Wash, 100 lks. wide, course NE.
 80.00 Set an iron post 3 ft. long 2 ins. in diam., 2 ins. in
 the ground to bedrock, deposit a stone marked with a
 cross (X) at base of post and raise a md. of stone
 around post for the cor. of secs. 19, 20, 29 and 30,
 with brass cap marked

T 37 N R 5 E
 $\frac{S}{S}$ $\frac{19}{30}$ | $\frac{S}{S}$ $\frac{20}{29}$
 1927

Land, rolling prairie.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

East, on random line bet. secs. 20 and 29.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Fall 3 lks. N. of the cor. of secs. 20, 21, 28 and 29.
 Thence

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains	N. 89° 59' W., on true line bet. secs. 20 and 29. Over rolling land, thru scattering undergrowth.
10.60	Wash, 50 lks. wide, course NW.
40.02	Set an iron post 3 ft. long, 1 in. in diam., 12 ins. in the ground to bedrock, supported in a mound of stone 4 ft. base, 2 ft. high, deposit a stone marked with a cross (X) at base of post, for the $\frac{1}{4}$ sec. cor. of secs. 20 and 29, with brass cap marked
	$\frac{1}{4} \frac{S 20}{S 29}$ 1927
52.70	Wash, 20 lks. wide, course NW.
69.00	Wash, 20 lks. wide, course NE.
76.70	Wash, 20 lks. wide, course NE.
80.04	Intersect the cor. of secs. 19, 20, 29 and 30. Land, rolling prairie. Soil, gravelly, 2nd and 3rd rate. No timber. Undergrowth, sagebrush, blackbrush, cactus and grass.

	West, on random line, bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.86	Fall 2 lks. N. of the cor. of secs. 19, 24, 25 and 30, on W. bdy. of the Tp., which is an iron post, 2 ins. in diam., projecting 28 ins. above ground, firmly set in ground and md. of stone, and properly marked on brass cap. No accessories.
	Thence N. 89° 59' E., on true line, bet. secs. 19 and 30. Over rolling land, thru scattering undergrowth.
39.86	Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 19 and 30, with brass cap marked.
	$\frac{1}{4} \frac{S 19}{S 30}$ 1927
69.85	Raise a mound of stone 3 ft. base, 2 ft. high, N. of cor.
79.86	Wash, 50 lks. wide, 6 ft. deep, course NE. (North Canyon Wash) Intersect the cor. of secs. 19, 20, 29 and 30. Land, rolling prairie. Soil, gravelly, 2nd and 3rd rate. No timber. Undergrowth, sagebrush, blackbrush, cactus and grass.

	N. 0° 03' W., on true line bet. secs. 19 and 20. Over rolling land, thru scattering undergrowth. Descend 74 ft. over NW. slope.
8.00	Wash, 100 lks. wide, course NE. (North Canyon Wash)
32.95	Wash, 10 lks. wide, course E.
39.90	Small spur, slopes NE.
40.00	Set an iron post 3 ft. long, 1 in. in diam., 13 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post and raise a md. of stone around post for the $\frac{1}{4}$ sec. cor. of secs. 19 and 20, with brass cap marked

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 19 \quad | \quad \text{S } 20 \\ \hline 1927 \end{array}$$

80.00 Descend 86 ft. over N. slope.
Set an iron post 3 ft. long, 2 ins. in diam., 26 ins. in the ground to bedrock, for the cor. of secs. 17, 18, 19 and 20, with brass cap marked.

$$\begin{array}{c} \text{T } 37 \text{ N } \quad \text{R } 5 \text{ E} \\ \hline \text{S } 18 \quad | \quad \text{S } 17 \\ \hline \text{S } 19 \quad | \quad \text{S } 20 \\ \hline 1927 \end{array}$$

Raise a mound of stone 3 ft. base, 2 ft. high, W. of cor. Land, rolling.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

East, on random line, bet. secs. 17 and 20.
-40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.08 Fall 13 lks. N. of the cor. of secs. 16, 17, 20 and 21.
Thence
N. $89^{\circ} 55'$ W., on true line bet. secs. 17 and 20.
Over rolling land, thru scattering undergrowth.
Descend 55 ft. over SW. slope.
3.00 Wash, 35 lks. wide, course SE. (North Canyon Wash)
Ascend 30 ft. over NE. slope.
7.00 Spur, slopes N. Descend 40 ft. over W. slope to
9.50 Wash, 35 lks. wide, course NE. (North Canyon Wash)
Ascend 60 ft. over E. slope.
12.50 Top of ascent, thence over rolling land.
40.04 Set an iron post 3 ft. long, 1 in. in diam., 24 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 17 and 20, with brass cap marked

$$\frac{1}{4} \frac{\text{S } 17}{\text{S } 20} \\ 1927$$

80.08 Dig pits 18 x 18 x 12 ins.; one each E. and W. of cor., 3 ft. dist.
Intersect the cor. of secs. 17, 18, 19 and 20.
Land, rolling.
Soil, gravelly, 2nd and 3rd rate.
No timber.
Undergrowth, sagebrush, blackbrush, cactus and grass.

West, on random line, bet. secs. 18 and 19.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.72 Fall 4 lks. N. of the cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the Tp., which is an iron post, 2 ins. diam., projecting 21 ins. above ground, firmly set in ground and md. of stone and properly marked on brass cap. No accessories.
Thence
N. $89^{\circ} 58'$ E., on true line bet. secs. 18 and 19.
Over rolling land, thru scattering undergrowth.
10.00 Wash, 10 lks. wide, course N.
20.20 Wash, 10 lks. wide, course NE.
39.72 Set an iron post 3 ft. long, 1 in. in diam., 13 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a md. of stone around post for the $\frac{1}{4}$ sec. cor. of secs. 18 and 19,

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains	with brass cap marked								
	$\frac{1}{4} \frac{S 18}{S 19}$ 1927								
79.92	Intersect the cor. of secs. 17, 18, 19 and 20. Land, rolling. Soil, gravelly, 2nd and 3rd rate. No timber. Undergrowth, sagebrush, blackbrush, cactus and grass.								

	N. 0° 03' W., on true line bet. secs. 17 and 18. Over rolling land, thru scattering undergrowth.								
5.00	Draw, course NE.								
15.00	Same draw, course NW. Descend 29 ft. over N. slope.								
40.00	Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 17 and 18, with brass cap marked								
	$S 18 \quad \frac{1}{4} \quad S 17$ 1927								
	Dig pits 18 x 18 x 12 ins., one each N. and S. of cor., 3 ft. dist.								
	Descend 23 ft. over N. slope.								
80.00	Set an iron post 3 ft. long, 2 ins. in diam., 26 ins. in the ground, for the cor. of secs. 7, 8, 17 and 18, with brass cap marked								
	<table border="1" style="margin: auto;"> <tr> <td colspan="2" style="text-align: center;">T 37 N R 5 E</td> </tr> <tr> <td style="text-align: center;">S 7</td> <td style="text-align: center;">S 8</td> </tr> <tr> <td style="text-align: center;">S 18</td> <td style="text-align: center;">S 17</td> </tr> <tr> <td colspan="2" style="text-align: center;">1927</td> </tr> </table>	T 37 N R 5 E		S 7	S 8	S 18	S 17	1927	
T 37 N R 5 E									
S 7	S 8								
S 18	S 17								
1927									
	Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor., 3 ft. dist. Land, rolling. Soil, gravelly, 2nd and 3rd rate. No timber. Undergrowth, sagebrush, blackbrush, cactus and grass.								

	S. 89° 54' E., on random line bet. secs. 8 and 17.								
40.00	Set temp. $\frac{1}{4}$ sec. cor.								
80.06	Intersect the cor. of secs. 8, 9, 16 and 17. Thence								
	N. 89° 54' W., on true line, bet. secs. 8 and 17. Over rolling land, thru scattering undergrowth.								
15.00	Draw, course NE.								
40.03	Set an iron post 3 ft. long, 1 in. in diam., 18 ins. in the ground to bedrock, deposit a stone marked with a cross (X) at base of post, and raise a md. of stone around post for $\frac{1}{4}$ sec. cor. of secs. 8 and 17, with brass cap marked								
	$\frac{1}{4} \frac{S 8}{S 17}$ 1927								
	Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.								
52.60	Wash, 20 lks. wide, course NE.								
80.06	Intersect the cor. of secs. 7, 8, 17 and 18.								

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

West, on random line bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.62 Fall 4 lks. N. of the cor. of secs. 7, 12, 13 and 18, on the W. Bdy. of the Tp., which is an iron post, 2 ins. diam., projecting 7 ins. above ground, firmly set, properly marked on brass cap and witnessed by a md. of stone W. of cor.

Thence
 N. 89° 58' E., on true line, bet. secs. 7 and 18.
 Over rolling land, thru scattering undergrowth.
 39.62 Set an iron post 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 7 and 18, with brass cap marked

$\frac{1}{4}$ $\frac{S 7}{S 18}$
 1927

Dig pits 18 x 18 x 12 ins., one each E. and W. of cor., 3 ft. dist.
 57.30 Draw, course NE.
 78.20 Draw, course NE.
 79.62 Intersect the cor. of secs. 7, 8, 17 and 18.
 Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

N. 0° 03' W., on true line, bet. secs. 7 and 8.
 Over rolling land, thru scattering undergrowth.
 3.30 Draw, course NE.
 15.00 Draw, course NE. Desc. over NE. slope.
 40.00 Set an iron post 3 ft. long, 1 in. in diam., 28 ins. in the ground, for the $\frac{1}{4}$ sec. cor. of secs. 7 and 8, with brass cap marked

$\frac{1}{4}$
 $S 7 \quad S 8$
 1927

Dig pits 18 x 18 x 12 ins., one each N. and S. of cor. 3 ft. dist.
 55.00 Draw, course NE.
 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 28 ins. in the ground, for the cor. of secs. 5, 6, 7 and 8; with brass cap marked.

T 37 N R 5 E
 $\frac{S 6}{S 7} \quad \frac{S 5}{S 8}$
 1927

Dig pits 18 x 18 x 12 ins., one each NE., SE., SW. and NW. of cor. 3 ft. dist.
 Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains East, on random line, bet. secs. 5 and 8.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.22 Fall 16 lks. N. of the cor. of secs. 4, 5, 8 and 9.
 Thence
 N. $89^{\circ} 53'$ W., on true line, bet. secs. 5 and 8.
 Over rolling land, thru scattering undergrowth.
 40.11 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 5 and 8,
 with brass cap marked

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

1927

Dig pits 18 x 18 x 12 ins., one each, E. and W. of cor.
 3 ft. dist.
 80.22 Intersect the cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

West, on random line, bet. secs. 6 and 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.57 Fall 7 lks. N. of the cor. of secs. 1, 6, 7 and 12, on
 the W. bdy. of the Tp., which is an iron post 2 ins.
 in diam., firmly set, properly marked on brass cap
 and witnessed by a md. of stone W. of cor.
 Thence
 N. $89^{\circ} 57'$ E., on true line, bet. secs. 6 and 7.
 Over rolling land, thru scattering undergrowth.
 39.57 Set an iron post 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for the $\frac{1}{4}$ sec. cor. of secs. 6 and 7,
 with brass cap marked

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

1927

Dig pits 18 x 18 x 12 ins., one each E. and W. of cor.,
 3 ft. dist.
 79.57 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, gravelly, 2nd and 3rd rate.
 No timber.
 Undergrowth, sagebrush, blackbrush, cactus and grass.

N. $0^{\circ} 03'$ W., on true line, bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.91 Fall 3 lks. W. of the cor. of secs. 5, 6, 31 and 32, on
 the N. boundary of the Tp., established in Dec. 1925,
 under Group No. 126, Ariz., which is an iron post,
 2 ins. in diam., projecting 9 ins. above ground, firmly
 set, properly marked on brass cap, and witnessed by
 four pits, one each NE., SE., SW. and NW. of cor.
 Thence,
 S. $0^{\circ} 2'$ E., on true line, bet. secs. 5 and 6.
 Over rolling land, thru scattering undergrowth.
 4.90 Draw, course NE. Ascend 28 ft. over NE. slope to
 39.91 Set an iron post 3 ft. long, 1 in. in diam., 28 ins. in
 the ground, for $\frac{1}{4}$ sec. cor. of secs. 5 and 6, with
 brass cap marked

Survey of Part of the Subdivisional Lines of T. 37 N., R. 5 E.

Chains

S 6 | S 5
1927

Dig pits 18 x 18 x 12 ins., one each N. & S. of cor.,
3 ft. dist.

56.70 Draw, course E.

71.00 Draw, course E.

79.91 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.

Soil, gravelly, 2nd and 3rd rate.

No timber.

Undergrowth, sagebrush, blackbrush, cactus and grass.

Boundaries of that Part of Township 37 North, Range 5 East, Subdivided as described in the foregoing notes.

Latitudes, Departures and Closing Errors.

Line designated	True course	Dist- ance.	Latitudes		Departures	
			N.	S.	E.	W.
South Boundary (9th Std. Par. N.)	East	320.00			320.00	
Subdivision Lines	N.0° 1' W.	80.00	80.00			0.02
	East	80.00			80.00	
	N.0° 1' W	80.00	80.00			0.02
	East	80.00			80.00	
East Boundary	North	320.02	320.02			
North Boundary	West	479.46				479.46
West Boundary	South	480.00		480.00		
Convergency						0.50
Totals			480.02	480.00	480.00	480.00
			480.00			480.00
<u>Error in latitude</u>			0.02			
<u>Error in departure</u>					0.00	

FINAL TESTS.

The continued satisfactory adjustment of the solar apparatus of the transits used in the execution of the surveys described in the foregoing notes is indicated from field tests described in Book "C" of this group.

GENERAL DESCRIPTION.

The surface of this township is rolling except for those portions of sections 25, 35 and 36, which are in the Marble Canyon of the Colorado River. The west or right rim of this canyon bearing NE. & SW., thru said secs. has an abrupt drop of about 1000 feet, and an elevation of about 2,000 feet greater than that of the Colorado River, course SW. thru sec. 36

North Canyon, course easterly, thru the central part of the township drains the greater part of the S. four tiers of secs. of this Tp., and House Rock Wash, course easterly near the N. bdy. of the Tp., drains most of the surface in the N. 2 tiers of secs.

The soil is of a sandy, gravelly composition of second and third rates.

There is no timber in this township.

The undergrowth consists of scattering sagebrush, blackbrush, cactus, grass and greasewood.

The only water found in the subdivided portion of this township is from seepage in the bottom of "House Rock Wash".

There is no evidence of valuable mineral in this Township.

There are no improvements and the land is unfit for any purpose at this time except grazing.

Traverse of the Right Rim of Marble Canyon of the Colorado River, thru Secs. 35, 36 and 25 of T. 37 N., R. 5 E.

Chains From the witness cor. to std. $\frac{1}{4}$ sec. cor. of sec. 35, T. 37N., R. 5 E., on S. bdy. of Tp. (9th Std. Par. N.) at 3.52 chs. W. of cor. point, as hereinbefore described:

Traverse thru Sec. 35.

N. 43° E.,	35.60 chs.,
N. 11 $\frac{1}{2}$ ° W.,	36.50 chs.,
N. 40 $\frac{3}{8}$ ° E.,	6.20 chs.,
N. 77° E.,	11.40 chs.,
N. 87 $\frac{1}{2}$ ° E.,	11.45 chs., to temp. point on blank line,

bet. secs. 35 and 36, set at 10.44 chs. S. 0° 1' E. from cor. of secs. 25, 26, 35 and 36.

Traverse thru Sec. 36.

N. 86° E.,	4.60 chs.,
N. 40° E.,	13.24 chs. to temp. point on blank line bet. secs. 25 and 36, set at 13.14 chs.

East from cor. of secs. 25, 26, 35 and 36.

Traverse thru Sec. 25.

N. 21 $\frac{1}{8}$ ° E.,	8.60 chs.,
N. 46 $\frac{1}{8}$ ° E.,	41.20 chs.,
N. 61 $\frac{1}{8}$ ° E.,	15.80 chs.,
N. 10 $\frac{1}{8}$ ° E.,	11.80 chs.,
N. 37° E.,	13.10 chs.,
N. 86 $\frac{1}{4}$ ° E.,	10.17 chs., to temp. point on the E. Bay. of the Tp., set at 13.06 chs. south from cor. of secs. 19, 24, 25 and 30, as hereinbefore described.

BOOK 3817

TRANSITMAN
CERTIFICATE OF UNITED STATES ~~SURVEYOR.~~

I, Otis O. Gould, U.S. Transitman, ~~U. S. Surveyor~~, hereby certify upon honor that, in pursuance of special instructions received from the ~~U. S. Surveyor General~~ U.S. District Cadastral Engineer, for Group 139, Arizona bearing date of the 23rd day of April, 1926, 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

the Subdivision Lines of

Township 37 North, Range 5 East of the Gila and Salt River Base ^{and} Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 1 hereof} as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the ~~U. S. Surveyor General~~ U.S. District Cadastral Engineer, for Group 139, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: San Francisco, Calif. Otis O. Gould
Date: May 5, 1927. U.S. Transitman. U. S. Surveyor.

~~APPROVAL.~~

~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL,~~

....., 19

~~The foregoing field notes of the survey of~~

~~executed by~~

~~under his special instructions dated~~....., 19....., ~~having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.~~

~~U. S. Surveyor General~~

~~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.~~

~~U. S. Surveyor General~~

4-680

FIELD ASSISTANTS.

TO

William E. Hiester, U.S. Surveyor.

NAMES.	CAPACITY.
Owen Wright	1st Chainman
Elliott Pierson	2nd Chainman
Jack Parker	Flagman
Harrison Frost	Cornerman
Andrew Parker	Cornerman
Frank Hamblin	Axman

CERTIFICATE OF UNITED STATES SURVEYOR.

I, William E. Hiester, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the ^{U.S. District Cadastral Engineer,} ~~U. S. Surveyor General~~ for for Group 139, Arizona bearing date of the 23rd day of April, 1926, 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 the 9th Standard Parallel North in Range 5 East,
the East Boundary
 and
Subdivision Lines of
Township 37 North, Range 5 East of the Gila and Salt
River Base 3rd Meridian, in the State of Arizona, which are represented in the foregoing field notes ^{and by diagram on page 1 hereof} as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the ^{U.S. District Cadastral Engineer,} ~~U. S. Surveyor General~~ for for Group 139, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: San Francisco Calif.

William E. Hiester

U. S. Surveyor.

Date: May 13, 1927.

APPROVAL.

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, Feb. 23, 1928.

The foregoing field notes of the survey of the 9th Standard Parallel North thru
Part of Range 5 East, Part of the East Boundary
 and
Part of the Subdivision Lines of

Township 37 North, Range 5 East
of the Gila and Salt River Base 3rd Meridian, in the State of Arizona.

executed by William E. Hiester, U.S. Surveyor and Otis O. Gould, U.S. Transitman under ~~his~~ special instructions dated April 23, 1926 for Group 139, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Amul D. Johnson
 U.S. Supervisor of Surveys.

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.

U. S. Surveyor General