

3751

Book "E"

4-679

CR 151
①

BOOK 3751

FIELD NOTES

OF THE SURVEY OF THE

First Guide Meridian East, through T. 38 N., between Ranges 4 and

5 East, and the North, West, and South boundaries of Subdivision

the SOUTH boundary. S. 1.

EAST boundary

NORTH boundary

and

SUBDIVISION lines of

Township 38 North, Range 5 East

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

William E. Hiester, U.S. Surveyor
AND

David M. Daugherty, U.S. Transitman.

In the capacity of U. S. Surveyor, under Special Instructions dated January 4, 19 24
issued by the United States Surveyor General to govern surveys included in Group
No. 126 Arizona, which were approved by the Commissioner of the General Land
Office, March 12, 19 24, and Assignment Instructions dated October 26, 19 25

Survey commenced December 23, 19 25

Survey completed March 8, 19 26

3751

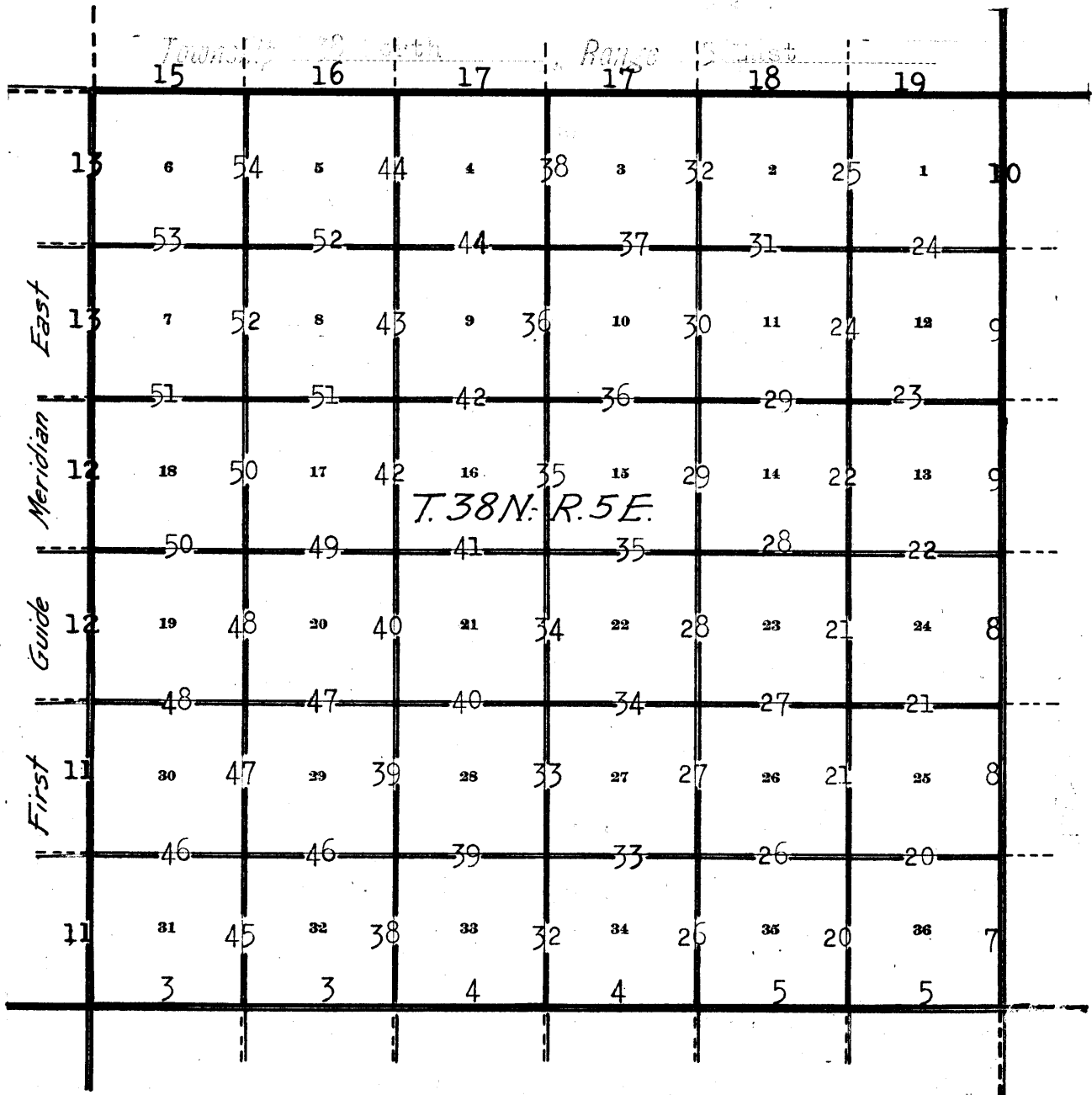
3751

Book "E"

Group 126 --- Arizona

BOOK 3751

INDEX DIAGRAM.



————— Surveyed under this group.

----- Unsurveyed.

===== To be surveyed under current group No. 139.

BOOK 3751

Book "E"
Group 126 Arizona
Township 38 North., Range 5 East.

DATE DIAGRAM
1926

1 st. Guide Meridian East.

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

Indicates lines surveyed by William E Hiester, U.S. Surveyor, on dates shown thereon.

Indicates lines surveyed by David M Daugherty, U.S. Transitman, on dates shown thereon.

The surveys hereinafter described were commenced December 23, 1925, and executed on dates shown on diagram on page 1 hereof, by William E Hiester, U.S. Surveyor, using Buff transit No. 9977 and David M Daugherty, U.S. Transitman, using a Young and Sons transit No. 8534. Both instruments are equipped with full vertical circles and improved Smith solar attachment. The horizontal limb of each instrument is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.; Unless otherwise specified all azimuth determinations are accomplished with the solar attachment, except the special observations on Polaris for meridian, upon which to test the solar apparatus.

The instruments were examined, tested on the true meridian, found correct, and were approved by the District Cadastral Engineer for Arizona and California, October, 26, 1925, conditional upon satisfactory field tests.

The final tests of the solar apparatus of each instrument made during the usual hours of solar work Dec. 20, 1925 on the true meridian established near the cor. of secs. 15, 16, 21, and 22, T36N., R4E. at the conclusion of the survey of this township (See Book "D" of this group), agreeing within 1'30" with the true meridian established by the Polaris observations, we conclude that the adjustments of the instruments are satisfactory.

Unless otherwise specified all measurements are made with Lufkin 5-Chain steel tapes, compared with a Chesterman standard steel tape and found correct. All measurements are made on the slope, the vertical angles determined, and the slope measurements, properly reduced to true horizontal distances for entry in the final record.

Survey of South Boundary of T 38 N., R 5 E.

Chains.

From the cor. of Tps. 37 and 38 N., Rs. 4 and 5 E. described in Book "C" of this group

East on true line bet. secs. 6 and 31

Over rolling sandy land, through scattering sagebrush undergrowth.

39.46 (40.00 chs. - convergency) Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 31
S 6

1925

45.66

Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor. Old road bears NE. and SW.

79.46

Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 5, 6, 31, and 32., marked on brass cap

| | |
|--------|-------|
| T 38 N | R 5 E |
| S 31 | S 32 |

| | |
|-----|-----|
| S 6 | S 5 |
|-----|-----|

T 37 N

1925

Dig pits 18x18x12 ins in each sec. 3 ft. dist.

A sheet iron house bears N64°34'E.

Land rolling and broken.

Soil, sandy 4 th. rate.

Timber, none.

Undergrowth, sagebrush.

East on true line bet. secs. 5 and 32.

Over broken stony land, through scattering sagebrush undergrowth.

40.00

Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 32
S 5

1925

45.00

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist. Right bank of Rock House Wash 6 ft. high bears NW. and SE.

50.00

Intersect left bank of Rock House Wash 6 ft. high bears NW. and SE.

70.00

Center of Rock House Wash 6 ft. deep, course NE.

80.00

Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 4, 5, 32, and 33, marked on brass cap

| | |
|--------|-------|
| T 38 N | R 5 E |
| S 32 | S 33 |

| | |
|-----|-----|
| S 5 | S 4 |
|-----|-----|

T 37 N

1925

Survey of South Boundary of T 38 N., R 5 E.

Chains

Raise a mound of stone $3\frac{1}{2}$ ft. base 2 ft. high W. of cor.
 Land, broken.
 Soil sandy and stony 4 th. rate.
 Timber, none
 Undergrowth, sagebrush.

11.50 East on true line bet. secs. 4 and 33.
 Over broken stony land, through sagebrush undergrowth.
 Center of House Rock Wash, course SE.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 33
 S 4

1925

80.00 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
 Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in
 the ground for cor. of secs. 3, 4, 33, and 34, marked on
 brass cap

| | |
|--------|------|
| T38N | R5E |
| S 33 | S 34 |
| S 4 | S 3 |
| T 37 N | |
| 1925 | |

Dig pits 18x18x12 ins. in each sec 3 ft. dist.
 Land, broken.
 Soil, stony and sandy 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

40.00 East on true line bet. secs. 3 and 34.
 Over broken sandy land, through sagebrush undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$ S 34
 S 3

1925

80.00 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
 Descend 23 ft. over SE. slope.
 Set an iron post 3 ft. long 2 ins. in diam. 28 ins. in the
 ground for cor. of secs. 2, 3, 34, and 35, marked on
 brass cap

| | |
|--------|------|
| T38N | R5E |
| S 34 | S 35 |
| S 3 | S 2 |
| T 37 N | |
| 1925 | |

Survey of South Boundary of T 38 N., R. 5 E.

Chains

Dig pits 18x18x12 ins. in each sec. 3 ft. dist.
Land, broken.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00 East on true line bet. secs. 2 and 35.
Over broken sandy land, through sagebrush undergrowth.
Set an iron post 3 ft. long, 1 in. in diam. 14 ins. in the ground to bedrock, deposit a limestone 16x12x4 ins., marked with a cross (x) alongside, and raise a mound of stone 3 1/2 ft. base, 1 1/2 ft. high around post for 1/2 sec. cor. marked on brass cap

1/4 S 35
S 2
1925

74.50 Descend 109 ft. over rocky SE. slope.
78.34 Set an iron post 3 ft. long, 2 ins. in diam. 14 ins. in the ground to bedrock, deposit a limestone 16x13x8 ins. marked with a cross (X) alongside, and raise a mound of stone 3 ft. base 1 1/2 ft. high around post for witness cor. to cor. of secs. 1, 2, 35 and 36, marked on brass cap

T38N | R5E
S 35 | S 36 WC
S 2 | S 1
T 37 N
1925

80.00 The true point for cor. of secs. 1, 2, 35, and 36 falls in center of Rock House Wash, course N30°E.; WC. established on line 1.66 chs. West as described above.
Land, broken.
Soil, stony and sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

13.00 From true point for cor. of secs. 1, 2, 35 and 36 East, on true line, bet. secs. 1 and 36, and 36.
Ascend 131 ft. over broken stony NW. slope through sagebrush undergrowth.

13.00 Top of spur slopes North.
Descend 44 ft. over E. slope.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for 1/2 sec. cor. marked on brass cap

1/4 S 36
S 1
1926

66.14 Raise a mound of stone 3 1/2 ft. base, 2 ft. high N. of cor. Wash 6 lks. wide in bottom of small canyon, course North.
Ascend 80 ft. over W. slope.

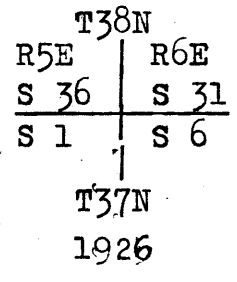
80.00 Set an iron post 3 ft. long, 3 ins. in diam. 2 ins. in the ground to bedrock, deposit a limestone 12x8x6 ins. marked with a cross (x) alongside, and raise a mound

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Survey of South Boundary of T 38 N. R 5 E.

Chains.

of stone 4 ft. base, 2 $\frac{1}{2}$ ft. high around post for cor. of Tps. 37 and 38 N., Rs. 5 and 6 E., marked on brass cap



Land, broken.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

Survey of East Boundary of T 38 N., R 5 E.

Chains.

From the cor. of Tps. 37 and 38 N., Rs. 5 and 6 E., herein- before described.

North bet. secs. 31 and 36.

Descend 29 ft. over NW. slope over rolling sandy land, through sagebrush undergrowth.

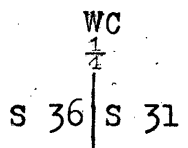
32.50

South rim of House Rock Canyon, bears NE. and SW.

Descend 91 ft. over rocky N. slope to

38.00

Edge of precipitous cliffs.; Set an iron post 3 ft. long, 1 in. in diam. 2 ins. in the ground to bedrock, deposit a limestone 12x4x4 ins. marked with a cross (x) alongside, and raise a mound of stone 4 ft. base 2 1/2 ft. high around post for witness cor. to the 1/2 sec. cor., marked on brass cap



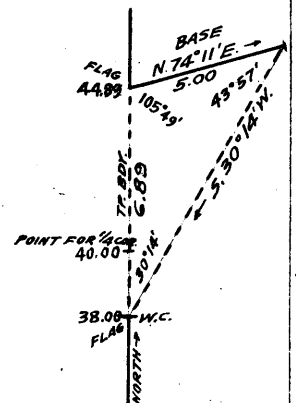
1926

The precipitous character of the canyon walls renders measurement on line by chaining impracticable therefore, triangulate as follows;

Set a flag ahead on line on N. side of canyon and leave a flag at the witness cor.

From flag on line on N. side of canyon, measure a base N74°11'E 5.00 chs. dist. from the end of which the flag at the witness cor. bears S30°14'W.

| | |
|--------------------------|----------------|
| Dist. on line = | 38.00 chs. |
| Dist. by triangulation = | 6.89 " |
| Total dist. on line = | <u>44.89 "</u> |



40.00

The true point for 1/2 sec. cor. falls in bed of wash in bottom of canyon. (approx.) 100 ft. below WC. course NE. W.C. established on line 2 chs. S, as described above.

44.89

Triangulation point on N. rim of canyon

Continue line and measurement by chaining.; Ascend 69 ft. over SE. slope.

49.97

Top of spur slopes East.

Descend 41 ft. over N. slope.

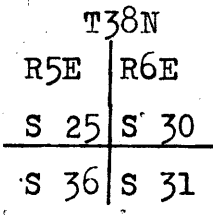
58.00

Draw, course S70°E.

Ascend 30 ft. over SW. slope over rolling land.

80.00

Set an iron post 3 ft. long, 2 ins. in diam. 22 ins. in the ground to bedrock, for cor. of secs. 25, 30, 31, and 36, marked on brass cap



1926

Dig pits 18x18x12 ins. in each sec. 3 ft. dist. Land rolling and broken. Soil, sandy and stony 4 th. rate. Timber, none. Undergrowth, sagebrush.

Survey of East Boundary of T 38 N., R 5 E.

Chains

North bet. secs. 25 and 30.

Over level sandy land through scattering sagebrush undergrowth.

40.00

Set an iron post 3 ft. long, 1 in. in diam. 25 ins. in the ground to bedrock for $\frac{1}{4}$ sec. cor., marked on brass cap
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 25 \mid \text{S } 30 \\ | \end{array}$$

1926

80.00

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 19, 24, 25, and 30, marked on brass cap

| | |
|------|------|
| T38N | |
| R5E | R6E |
| S 24 | S 19 |
| S 25 | S 30 |

1926

Dig pits 18x18x12 ins. in each sec. 3 ft. dist.
Land, level.
Soil, sandy 4 th. rate.
Timber, none..
Undergrowth, sagebrush.

North bet. secs. 19 and 24.

Over level sandy land, through scattering sagebrush 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. marked on brass cap
$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 24 \mid \text{S } 19 \\ | \end{array}$$

1926

49.00

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
Top of spur slopes N60°W.

Descend 23 ft. over NE. slope

53.08

Wash 20 lks. wide 2 ft. deep, course N35°E.

71.67

Wash 25 lks. wide 4 ft. deep, course N70°E.

80.00

Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 13, 18, 19, and 24 marked on brass cap

| | |
|------|------|
| T38N | |
| R5E | R6E |
| S 13 | S 18 |
| S 24 | S 19 |

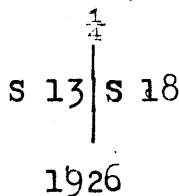
1926

Survey of East Boundary of T 38 N., R 5 E

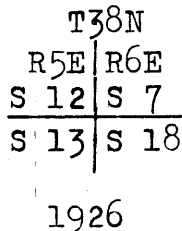
Chains.

Dig pits 18x18x12 ins. in each sec. 3 ft. dist.
 Land, level.
 Soil, sandy 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

7.57 North bet. secs. 13 and 18.
 28.00 Over broken sandy land, through sagebrush undergrowth.
 32.49 Wash 12 lks. wide 5 ft. deep, course S65°E.
 40.00 Top of low ridge bears NW. and SE.
 Wash 15 lks. wide 1 ft. deep, course S50°E.
 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

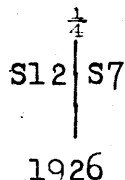


71.13 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
 76.96 Wash 20 lks. wide 3 ft. deep, course S65°E.
 Road from Lee's Ferry to Kane Springs bears N70°E. and S80°W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 7, 12, 13, and 18., marked on brass cap



Raise a mound of stone 2 ft. base, 1 1/2 ft. high W. of cor.
 Land, broken.
 Soil, sandy 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

16.96 North bet. secs. 7 and 12.
 Ascend 28 ft. over rolling sandy land, through sagebrush undergrowth.
 Wash 20 lks. wide 5 ft. deep, course S30°E.
 Leave rolling land, bears NE. and SW.; Enter mountainous land.
 40.00 Ascend 623 ft. over SE. slope.
 Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in the ground to bedrock, deposit a limestone 12x12x8 ins. marked with a cross (x) alongside, and raise a mound of stone 4 ft. base, 2 ft. high around post for $\frac{1}{4}$ sec. cor., marked on brass cap



71.86 Top of spur bears S45°E.
 Descend 12 ft. over NE. slope to

Survey of East Boundary of T 38 N., R 5 E.

Chains

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground to bedrock, deposit a lime stone 16x14x4 ins. marked with a cross (X) alongside, and raise a mound of stone, 2 ft. base, 1 ft. high, around post for cor. of secs. 1, 6, 7, and 12 marked on brass cap

| | |
|------|-----|
| T38N | |
| R5E | R6E |
| S 1 | S 6 |
| | |
| S12 | S 7 |

1926

Raise a mound of stone 3½ ft. base. 2½ ft. high W. of cor.
Land, rolling, broken, and mountainous.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

North bet. secs. 1 and 6.

Descend 136 ft. over NE. slope over broken stony mountainous land, through sagebrush undergrowth.

18.99. Wash 20 lks. wide 4 ft. deep, course S35°E.

40.00 Ascend 330 ft. over SW. slope to Top of spur, slopes S50°E.

Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for ¼ sec. cor., marked on brass cap.

| | |
|-----|-----|
| ¼ | |
| S 1 | S 6 |
| | |

1926

Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.
Descend 71 ft. over NE. slope.

47.09 Wash 15 lks. wide 4 ft. deep, course S60°E.

Ascend 682 ft. over rocky S. slope.

79.40 Wash 12 lks. wide 5 ft. deep, course S35°E.

80.00 Set an iron post 3 ft. long 3 ins. in diam. 28 ins. in the ground for cor. of Tps. 38 and 39 N., Rs. 5 and 6 E., marked on brass cap

| | |
|------|-----|
| T39N | |
| R5E | R6E |
| S36 | S31 |
| | |
| S 1 | S 6 |

T38N

1926

Raise a mound of stone 4 ft. base, 2½ ft. high S. of cor.
Land, mountainous.
Soil, stony and sandy 3 rd. and 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

Survey of
1st. Guide Meridian East, through Tps. 38 N., between Rs. 4 and 5 E.

Chains

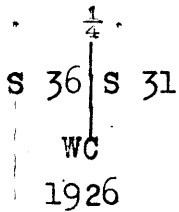
From cor. of Tps. 37 and 38 N., Rs. 4 and 5 E., described in Book "C" of this Group
North bet. secs. 31 and 36.
Over nearly level land, slopes N. through sagebrush undergrowth.

23.25 Road to Kane Springs, bears E. and W.

40.00 The point for $\frac{1}{4}$ sec. cor. falls in bed of wash 4 lks wide 1 ft. deep, course East.

Continue line and measurement and at

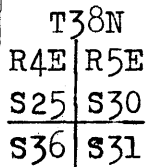
40.50 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for witness cor. to the $\frac{1}{4}$ sec. cor., marked on brass cap.



58.00 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. Intersect right bank of House Rock Wash 6 ft. high bears N80°W. and S80°E.

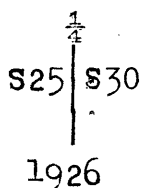
61.10 Intersect left bank of House Rock Wash 5 ft. high, bears N80°W. and S80°E.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 25, 30, 31, and 36. marked on brass cap.

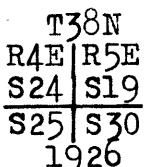


Dig pits 18x18x12 ins. in each sec. 3 ft. dist.
Land, level and rolling.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00 North bet. secs. 25 and 30.
Over broken stony land, through sagebrush undergrowth
Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



80.00 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 19, 24, 25, and 30, marked on brass cap



Survey of
1st. Guide Meridian East, through Tps. 38 N., between Rs. 4 and 5 E.

| | | | | | | | | | | | |
|----------------|---|------|--|-----|------|-----|-----|-----|-----|------|--|
| Chains | <p>Dig pits 18x18x12 ins. in each sec. 3 ft. dist. Land, rolling. Soil, stony and sandy 4 th. rate. Timber, none. Undergrowth, sagebrush.</p> | | | | | | | | | | |
| 19.06 40.00 | <p>North. bet. secs. 19 and 24. Over level sandy land, through sagebrush undergrowth. Main road from Lee's Ferry to Kane Springs bears E. and W. Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap</p> <div style="text-align: center;"> $\frac{1}{4}$ <table style="margin: auto;"> <tr> <td>S24</td> <td> </td> <td>S19</td> </tr> <tr> <td colspan="3">1926</td> </tr> </table> </div> | S24 | | S19 | 1926 | | | | | | |
| S24 | | S19 | | | | | | | | | |
| 1926 | | | | | | | | | | | |
| 80.00 | <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 13, 18, 19, and 24, marked on brass cap</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td colspan="2">T38N</td> </tr> <tr> <td>R4E</td> <td>R5E</td> </tr> <tr> <td>S13</td> <td>S18</td> </tr> <tr> <td>S24</td> <td>S19</td> </tr> <tr> <td colspan="2">1926</td> </tr> </table> </div> <p>Dig pits 18x18x12 ins. in each sec. 3 ft. dist. Land, level. Soil, sandy 4 th. rate. Timber, none. Undergrowth, sagebrush.</p> | T38N | | R4E | R5E | S13 | S18 | S24 | S19 | 1926 | |
| T38N | | | | | | | | | | | |
| R4E | R5E | | | | | | | | | | |
| S13 | S18 | | | | | | | | | | |
| S24 | S19 | | | | | | | | | | |
| 1926 | | | | | | | | | | | |
| 40.00 | <p>North bet. secs. 13 and 18. Over level sandy land, through sagebrush undergrowth. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap</p> <div style="text-align: center;"> $\frac{1}{4}$ <table style="margin: auto;"> <tr> <td>S13</td> <td> </td> <td>S18</td> </tr> <tr> <td colspan="3">1926</td> </tr> </table> </div> | S13 | | S18 | 1926 | | | | | | |
| S13 | | S18 | | | | | | | | | |
| 1926 | | | | | | | | | | | |
| 80.00 | <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 7, 12, 13, and 18, marked on brass cap</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td colspan="2">T38N</td> </tr> <tr> <td>R4E</td> <td>R5E</td> </tr> <tr> <td>S12</td> <td>S7</td> </tr> <tr> <td>S13</td> <td>S18</td> </tr> <tr> <td colspan="2">1926</td> </tr> </table> </div> <p>Raise a mound of stone $3\frac{1}{2}$ ft. base, 3 ft. high W. of cor. Land, level.</p> | T38N | | R4E | R5E | S12 | S7 | S13 | S18 | 1926 | |
| T38N | | | | | | | | | | | |
| R4E | R5E | | | | | | | | | | |
| S12 | S7 | | | | | | | | | | |
| S13 | S18 | | | | | | | | | | |
| 1926 | | | | | | | | | | | |

Survey of
1st. Guide Meridian East, through Tps. 38 N. between Rs. 4 and 5 E.

| | | | | | | | | | |
|----------------|---|------|-----|-----|-----|-----|-----|-----|-----|
| Chains | <p>Soil, sandy 4 th. rate. Timber, none. Undergrowth, sagebrush.</p> | | | | | | | | |
| 40.00 | <p>North bet. secs. 7 and 12. Over level sandy land, through sagebrush undergrowth. Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap</p> <div style="text-align: center;"> $\frac{1}{4}$ <table border="1" style="margin: auto;"> <tr><td>S12</td><td>S7</td></tr> </table> 1926 </div> | S12 | S7 | | | | | | |
| S12 | S7 | | | | | | | | |
| 80.00 | <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 1, 6, 7, and 12, marked on brass cap</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td colspan="2">T38N</td></tr> <tr><td>R4E</td><td>R5E</td></tr> <tr><td>S 1</td><td>S 6</td></tr> <tr><td>S12</td><td>S 7</td></tr> </table> 1926 </div> | T38N | | R4E | R5E | S 1 | S 6 | S12 | S 7 |
| T38N | | | | | | | | | |
| R4E | R5E | | | | | | | | |
| S 1 | S 6 | | | | | | | | |
| S12 | S 7 | | | | | | | | |
| | <p>Dig pits 18x18x12 ins. in each sec. 3 ft. dist. Land, level. Soil sandy 4 th. rate. Timber, none. Undergrowth, sagebrush.</p> | | | | | | | | |
| 31.75 40.00 | <p>North bet. secs. 1 and 6. Over broken stony land, through sagebrush undergrowth. Wash 18 lks. wide 4 ft. deep, course S30°W. Set an iron post 3 ft. long 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap</p> <div style="text-align: center;"> $\frac{1}{4}$ <table border="1" style="margin: auto;"> <tr><td>S 1</td><td>S 6</td></tr> </table> 1926 </div> | S 1 | S 6 | | | | | | |
| S 1 | S 6 | | | | | | | | |
| 80.00 | <p>Raise a mound of stone 3 ft. base. 2 ft. high W. of cor. Set an iron post 3 ft. long, 3 ins. in diam. 26 ins. in the ground for cor. of Tps. 38 and 39 N., Rs. 4 and 5 E marked on brass cap</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr><td colspan="2">T39N</td></tr> <tr><td>R4E</td><td>R5E</td></tr> <tr><td>S36</td><td>S31</td></tr> <tr><td>S 1</td><td>S 6</td></tr> </table> T38N 1926 </div> | T39N | | R4E | R5E | S36 | S31 | S 1 | S 6 |
| T39N | | | | | | | | | |
| R4E | R5E | | | | | | | | |
| S36 | S31 | | | | | | | | |
| S 1 | S 6 | | | | | | | | |

Survey of
1st. Guide Meridian East, through Tps. 38 N., between Rs. 4 and 5 E.

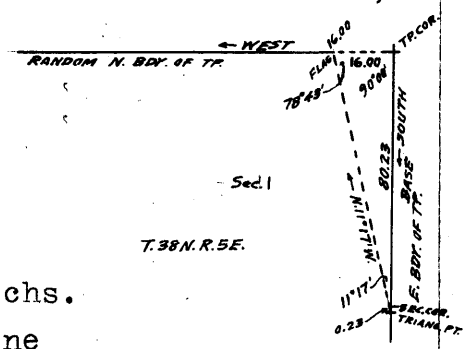
Chains.

Raise a mound of stone 5 ft. base, 5 ft. high S. of cor.
Land, broken.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

Survey of North boundary of T. 38 N., R. 5 E.

Chains

From the cor. of Tps. 38 and 39 N., Rs. 5 and 6 E., hereinbefore described.
 West on a random line along N. bdy. of T 38 N., R 5 E. setting temp. $\frac{1}{2}$ sec. and sec. cors. at intervals of 40.00 chs.
 Precipitous ascent from Tp. cor. over Vermillion Cliffs; triangulate as follows;
 Set a flag ahead on random line on top of cliff.; vertical angle to said flag = + 70°.
 Measure a base South 80.23 chs. dist. from the end of which the flag on random line on top of cliffs bears N 11° 17' W.

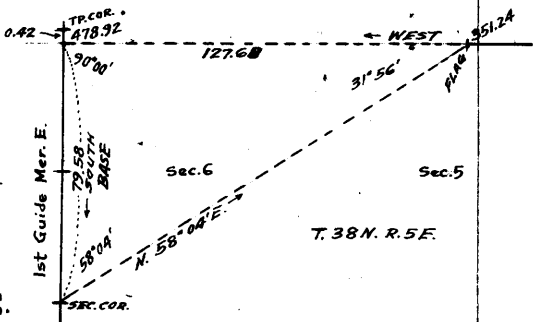


Distance by triangulation = 16.00 chs.

16.00 Triangulation station on random line on top of cliff.; continue random line and measurement by chaining.

351.24 Top of Vermillion cliffs.; precipitous descent. triangulate as follows;

Set a flag ahead on random line on W. bdy. of Tp.; vertical angle to flag on random line = -10°
 From flag on random line on W. bdy. of Tp., measure a base, south 79.58 chs. dist. to cor. of secs. 1, 6, 7, and 12, from the end of which the flag on random line on top of cliff bears N. 58° 04' E.



Dist. on random line along N. bdy. of Tp. = 351.24 chs.
 Dist. by triangulation = 127.68 chs.
 Total dist. on random line = 478.92 chs.

478.92 Intersect the First Guide Meridian East 42 lks. S. of the cor. of Tps. 38 and 39 N., Rs. 4 and 5 E., hereinbefore described.

The falling answers to a correction of 0° 03' or 7 lks. N. per mile counting from the NE. cor. of the Tp. therefore S 89° 57' E., bet. secs. 6 and 31, marking and blazing true line.

Over broken stony land through sagebrush undergrowth.

20.40 Water pipe-line bears N. and S.
 26.65 Wash 15 lks. wide 2 ft. deep, course S 15° W.

Ascend 29 ft. over SW. slope
 30.27 Wash 10 lks. wide 2 ft. deep, course S 10° W.

38.92 Set an iron post 3 ft. long, 1 in. in diam. 20 ins. in the ground to bedrock and raise a mound of stone 2 ft. base, 1 ft. high around post for $\frac{1}{2}$ sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S \ 31}{S \ 6}$$

1926

Raise a mound of stone 3 ft. base, 2 ft. high N. of cor. From this point a spring bears N 11° 43' W. 68.30 chs. dist. End of water pipe-line to Upper pools, bears S 56° 20' E. 18.70 chs. dist.

A stone house at Upper pools bears S 16° 24' W. 46.51 chs. dist.

51.62 A point from which a small spring in bottom of draw, bears approx. S 30° E. 20.00 chs. dist.

78.92 Set an iron post 3 ft. long, 2 ins. in diam. 26 ins. in the ground for cor. of secs. 5, 6, 31, and 32, marked on brass cap

Survey of North boundary of T 38 N., R5 E.

Chains

| | |
|------|------|
| T39N | R5E |
| S 31 | S 32 |
| S 6 | S 5 |
| T38N | |
| 1926 | |

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
 Land, broken.
 Soil, stony 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

S $89^{\circ}57'E$. bet. secs. 5 and 32.
 Ascend 652 ft. over SW. slope over stony mountainous land
 through sagebrush undergrowth.

30.00
 38.65

Wash 8 lks. wide 2 ft. deep, course SW.
 Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the
 ground for witness cor, to the $\frac{1}{4}$ sec. cor. marked
 on brass cap

| | |
|--------------------|----|
| $\frac{1}{4}$ S 32 | WC |
| S 5 | |
| 1926 | |

Raise a mound of stone $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high N. of cor.
 Ascend over cliffs.

40.00

The true point for $\frac{1}{4}$ sec. cor. falls in head of wash,
 course SW. where it is impracticable to establish
 a cor; WC established 135 lks. N $89^{\circ}57'W$. as described
 above.

48.73

Triangulation station on top of Vermillion Cliffs, bears
 NW. and SE., continue line and measurement by
 chaining.

Leave mountainous land, bears NW. and SE.; Enter rolling
 sandy land and scattering cedar and pinion timber

80.00

Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the
 ground for cor. of secs. 4, 5, 32, and 33, marked on
 brass cap

| | |
|--------|-----|
| T39N | R5E |
| S32 | S33 |
| S 5 | S 4 |
| T 38 N | |
| 1926 | |

- A pinion 12 ins. in diam. bears N $60\frac{1}{4}^{\circ}E$. 233 lks. dist.,
 marked T39N., R5E., S33 BT.
- A pinion 10 ins. in diam. bears S $47^{\circ}E$. 123 lks. dist.,
 marked T38N., R5E., S4 BT.
- A pinion 10 ins. in diam. bears S $21^{\circ}W$. 104 lks. dist.,
 marked T38N., R5E., S5 BT.
- A pinion 20 ins. in diam. bears N $8\frac{1}{4}^{\circ}W$. 116 lks. dist.,
 marked T39N., R5E., S32 BT.

Land, rolling and mountainous.
 Soil, sandy and stony 4 th. rate.
 Timber, cedar and pinion.
 Undergrowth, sagebrush.

Survey of North boundary of T 38 N., R 5 E.

Chains.

40.00 S 89°57'E. bet. secs. 4 and 33
 Over broken sandhills, through heavy cedar and pinion
 timber and sagebrush undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam. 8 ins. in the
 ground to bedrock, and raise a mound of stone 4 ft.
 base 2 ft. high around post for 1/4 sec. cor.,
 marked on brass cap

1/4 S 33
 S 4

1926

from which

A pinion 16 ins. in diam. bears N46 1/2°W. 110 lks. dist.,
 marked 1/4 S 33 BT.
 A pinion 6 ins. in diam. bears S52°E. 232 lks. dist.,
 marked 1/4 S 4 BT.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in
 the ground for cor. of secs. 3, 4, 33, and 34, marked
 on brass cap

| | |
|------|------|
| T39N | R5E |
| S 33 | S 34 |
| S 4 | S 3 |

T38N

1926

from which

A cedar 10 ins. in diam. bears N24 1/2°E. 134 lks. dist.,
 marked T39N., R5E., S34 BT.
 A pinion 12 ins. in diam. bears S82°E. 258 lks. dist.,
 marked T38N., R5E., S3 BT.
 A pinion 12 ins. in diam. bears S78 1/2°W. 128 lks. dist.,
 marked T38N., R5E., S4 BT.
 A pinion 14 ins. in diam. bears N28 1/2°W. 211 lks. dist.,
 marked T39N., R5E., S33 BT.
 Land, broken sandhills.
 Soil sandy 4 th. rate.
 Timber, cedar and pinion.
 Undergrowth, sagebrush.

40.00 S 89°57'E. bet. secs. 3 and 34.
 Over broken sandy land, through cedar and pinion timber
 and sagebrush undergrowth.
 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
 ground for 1/4 sec. cor., marked on brass cap

1/4 S 34
 S 3

1926

from which

A pinion 12 ins. in diam. bears N51 1/2°E. 264 lks. dist.,
 marked 1/4 S 34 BT.
 A pinion 18 ins. in diam. bears S52 1/2°E. 86 lks. dist.,
 marked 1/4 S3 BT.

Survey of North boundary of T 38 N., R 5 E.

Chains

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 2, 3, 34, and 35, marked on brass cap

| | |
|------|------|
| T39N | R5E |
| S 34 | S 35 |
| S 3 | S 2 |
| T38N | |
| 1926 | |

from which

A pinion 14 ins. in diam. bears $N62\frac{3}{4}^{\circ}E$. 247 lks. dist., marked T39N., R5E., S35 BT.

A pinion 14 ins. in diam. bears $S61^{\circ}E$. 78 lks. dist., marked T38N., R5E., S2 BT.

A pinion 16 ins. in diam. bears $S31\frac{1}{4}^{\circ}W$. 100 lks. dist., marked T38N., R5E., S3 BT.

A pinion 12 ins. in diam. bears $N11\frac{1}{2}^{\circ}W$. 147 lks. dist., marked T39N., R5E., S34 BT.

Land, rolling.

Soil, sandy 4 th. rate.

Timber, cedar and pinion.

Undergrowth, sagebrush.

40.00 S $89^{\circ}57'E$. bet. secs. 2 and 35.
Over broken sandhills through cedar and pinion timber and sagebrush undergrowth.
Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

| | |
|---------------|------|
| $\frac{1}{4}$ | S 35 |
| | S 2 |
| 1926 | |

from which

A pinion 12 ins. in diam. bears $N18^{\circ}W$. 286 lks. dist., marked $\frac{1}{4}$ S35 BT.

A pinion 13 ins. in diam. bears $S65\frac{1}{2}^{\circ}E$. 200 lks. dist., marked $\frac{1}{4}$ S 2 BT.

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 10 ins. in the ground to bedrock, and raise a mound of stone 4 ft. base, 2 ft. high around post for cor. of secs. 1, 2, 35, and 36, marked on brass cap

| | |
|------|------|
| T39N | R5E |
| S 35 | S 36 |
| S 2 | S 1 |
| T38N | |
| 1926 | |

from which

A pinion 14 ins. in diam. bears $N44\frac{1}{4}^{\circ}E$. 17 lks. dist., marked T39N., R5E., S36 BT.

A cedar 6 ins. in diam. bears $S17\frac{1}{4}^{\circ}E$. 44 lks. dist., marked T38N., R5E., S1 BT.

A pinion 12 ins. in diam. bears $S49\frac{1}{4}^{\circ}W$. 100 lks. dist., marked T38N., R5E., S2 BT.

Survey of North boundary of T. 38 N., R 5 E.

Chains

A pinion 12 ins. in diam. bears $N36^{\circ}W$. 144 lks. dist.,
marked T39N., R5E., S35 BT.

Land, rolling and hilly.

Soil sandy, 4 th. rate.

Timber, cedar and pinion.

Undergrowth, sagebrush.

S $89^{\circ}57'E$., bet. secs. 1 and 36.

Over hilly sandy land through heavy cedar and pinion
timber, and sagebrush undergrowth.

10.00 A natural reservoir on line.

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

$\frac{1}{4}$ $\frac{S^{\circ} 36}{S 1}$

1926

from which

A pinion 10 ins. in diam. bears $N41\frac{1}{4}^{\circ}W$. 72 lks. dist.,
marked $\frac{1}{4}$ S36 BT.

A pinion 12 ins. in diam. bears $S69\frac{1}{4}^{\circ}E$. 105 lks. dist.,
marked $\frac{1}{4}$ S 1 BT.

64.00 Intersect E. rim of Vermillion cliffs bears NE. and SW.
at triangulation station hereinbefore described.

Leave hilly land, bears NE. and SW.

Descend 990 ft. over precipitous cliffs over mountainous
land. to

80.00 Intersect the cor. of Tps. 38 & 39 N., Rs. 5 & 6 E., hereinbefore described.

Land, hilly and mountainous.

Soil, sandy and stony 4 th. rate.

Timber, cedar and pinion.

Undergrowth, sagebrush.

Survey of
Subdivision lines of T. 38 N., R. 5 E.

Chains. true point for
From the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tp.,
hereinbefore described,
N 0°01' W., bet. secs. 35 and 36
Ascend 99 ft. over rocky S. slope over hilly land, through
sagebrush undergrowth.

21.41 Top of spur, slopes N65°E.; Leave hilly land, bears NE. and
SW.

40.00 Descend 44 ft. over N. slope over rolling sandy land.
Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
S 35 | S 36
1926

50.00 Dig pits 18x18x12 ins N. and S. of post 3 ft. dist.
Wash 16 lks. wide 2 ft. deep, course East.

64.50 Wash 12 lks. wide 7 ft. deep, course S40°E.
Ascend about 15 ft. over SW. slope to

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in
the ground for cor. of secs. 25, 26, 35, and 36, marked
on brass cap

T38N | R5E
S 26 | S 25
S 35 | S 36
1926

Dig pits 18x18x12 ins. in each sec. 3 ft. dist.
Land, rolling and hilly.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00 East on a random line bet. secs. 25 and 36.
Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect E. bdy. of Tp. 10 lks. S. of the cor. of secs..
25, 30, 31, and 36, hereinbefore described.
Thence
S 89°56' W. on true line bet. secs. 25 and 36.
Over rolling sandy prairie land, through sagebrush
undergrowth.

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

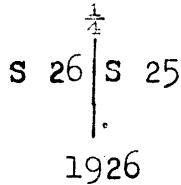
$\frac{1}{4}$ S 25
S 36
1926

80.00 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
The cor. of secs. 25, 26, 35, and 36.
Land, rolling.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

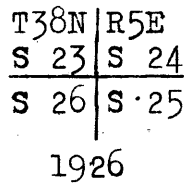
Subdivision of T 38 N., R 5 E.

Chains

40.00 N 0°01'W. bet. secs. 25 and 26
Over rolling sandy prairie land, slopes S. through scattering sagebrush undergrowth.
Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



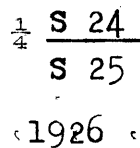
80.00 Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor.
Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 23, 24, 25, and 26, marked on brass cap



Dig pits 18x18x12 ins. in each sec. 3 ft. dist.,
Land, rolling
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00 N 89°56'E. on a random line bet. secs. 24, and 25.
Set temp. $\frac{1}{4}$ sec. cor.
79.96 Intersect E. bdy. of Tp. 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described.

Thence
S 89°55'W. on true line bet. secs. 24 and 25.
Over rolling sandy prairie land, through sagebrush undergrowth.
39.98 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



79.96 Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
The cor. of secs. 23, 24, 25, and 26.
Land, rolling.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

39.60 N 0°01'W. bet. secs. 23 and 24.
Over rolling sandy prairie land, through sagebrush undergrowth.
40.00 Wash 6 lks. wide 2 ft. deep, course N 85°E.
Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

Subdivision of T 38 N., R 5 E.

Chains

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 23 \mid \text{S } 24 \\ | \\ 1926 \end{array}$$

65.00 Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.
 Top of low spur, slopes S87°E
 Descend N. slope. about 10 ft.
 70.82 Wash 8 lks. wide 5 ft. deep, course S85°E.
 80.00 Set an iron post 3 ft. long 2 ins. in diam. 27 ins. in the
 ground for cor. of secs. 13, 14, 23, and 24, marked on
 brass cap

$$\begin{array}{c} \text{T38N} \mid \text{R5E} \\ \text{S } 14 \mid \text{S } 13 \\ \text{S } 23 \mid \text{S } 24 \\ 1926 \end{array}$$

Raise a mound of stone 2 ft. base, 1½ ft. high W. of cor.
 Land, rolling.
 Soil, sandy 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

40.00 N 89°55'E. on a random line bet. secs. 13 and 24.
 79.92 Set temp $\frac{1}{4}$ sec. cor.
 In tersect E. bdy. of Tp. 10 lks. N. of the cor. of secs. 13,
 18, 19, and 24, hereinbefore described.
 Thence
 S 89°59'W. on true line bet. secs. 13 and 24.
 Over rolling sandy land, through sagebrush undergrowth.
 29.17 Wash 20 lks. wide 5 ft. deep, course South.
 39.96 Set an iron post 3 ft. long, 1 in. in diam. 26 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$$\begin{array}{c} \frac{1}{4} \\ | \\ \text{S } 13 \\ | \\ \text{S } 24 \\ 1926 \end{array}$$

40.41 Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
 79.92 Wash 20 lks. wide 13 ft. deep, course S75°E.
 The cor. of secs. 13, 14, 23, and 24.
 Land, rolling.
 Soil, sandy, 4th. rate.
 Timber, none.
 Undergrowth, sagebrush.

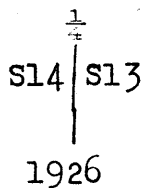
13.00 N 0°01'W. bet. secs. 13 and 14.
 Over rolling sandy land, through sagebrush undergrowth.
 Top of low spur, slopes S50°E.
 Descend 20 ft. over NE. slope.
 15.45 Wash 8 lks. wide 1 ft. deep, course S50°E.
 Ascend 14 ft. over SW. slope.
 21.72 Road from Lee's Ferry to Kane Springs and House Rock,
 bears N80°E. and S80°W.
 21.75 Top of spur, slopes S60°E.

Subdivision of T 38 N., R 5 E.

Chains

37.15 Descend about 12 ft. over NE. slope.
 Head of wash, course S60°E.
 Ascend 14 ft. over SW. slope.

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



47.00 Raise a mound of stone 2 $\frac{1}{2}$ ft. base, 2 ft. high W. of cor.
 Top of spur slopes S55°E.
 Descend about 15 ft. over NE. slope.

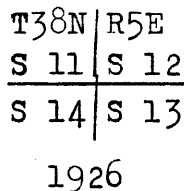
51.32 Wash 8 lks. wide 1 ft. deep, course S55°E.
 Ascend over SW. slope.

69.70 Top of spur, slopes S70°E.
 Descend 32 ft. over NE. slope.

73.06 Wash 6 lks. wide 1 ft. deep, course S30°E.; Leave rolling land bears NE. and SW.
 Ascend 100 ft. over S. slope over broken land.

79.37 Top of spur slopes East.
 Descend 16 ft. over NE. slope to

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 11, 12, 13, and 14, marked on brass cap



Raise a mound of stone 4 ft. base, 4 ft. high W. of cor.
 Land, rolling and broken.
 Soil, sandy and stony 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

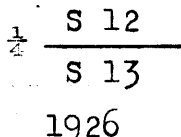
40.00 N 89°59'E. on a random line bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect E. bdy. of Tp. 8 lks. S. of the cor. of secs. 7, 12, 13, and 18, hereinbefore described.
 Thence
 S 89°56'W. on true line bet. secs. 12 and 13.
 Ascend 43 ft. over SE. slope over broken stony land, through sagebrush undergrowth.

11.78 Wash 20 lks. wide 5 ft. deep, course SE.

34.30 Wash 20 lks. wide 5 ft. deep, course S60°E., in bend from SW.

39.94 Set an iron post 3 ft. long, 1 in. in diam. 22 ins. in the ground to bedrock, and raise a mound of stone 2 ft. base, 1 ft. high around post for $\frac{1}{4}$ sec. cor., marked on brass cap

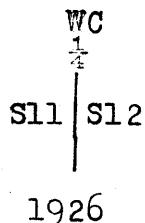


Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.

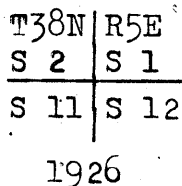
Subdivision of T 38 N., R 5 E.

Chains

- Ascend 124 ft. over stony SE. slope.
 52.57 Same wash 20 lks. wide 5 ft. deep, course SE.
 69.61 Wash 12 lks. wide 3 ft. deep, course S20°E.
 Ascend 43 ft. over E. slope to
 79.88 The cor. of secs. 11, 12, 13, and 14.
 Land, broken.
 Soil, stony 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.
-
- N 0°01'W. bet. secs. 11 and 12.
 Ascend 43 ft. over SE. slope over broken hilly land,
 through sagebrush undergrowth.
 4.15 Top of spur slopes S70°E.
 Descend 55 ft. over NE. slope.
 6.52 Wash 8 lks. wide 2 ft. deep, course S40°E.
 Ascend 192 ft. over SW. slope.
 19.17 Top of spur slopes S30°E.
 Descend 39 ft. over stony NE. slope.
 39.50 Set an iron post 3 ft. long, 1 in. in diam. 8 ins. in the
 ground to bedrock, deposit a limestone 30x12x10 ins.
 marked with a cross (x) alongside, and raise a mound
 of stone 4 ft. base, 2 ft. high around post for
 witness cor. to the $\frac{1}{4}$ sec. cor. marked on brass cap



- 40.00 True point for $\frac{1}{4}$ sec. cor. falls in an almost inaccessible
 place on cliff. WC established 50 lks. S0°01'E. as
 described above.
 Continue descent 84 ft. over NE. slope.
 44.02 Wash 5 lks. wide 2 ft. deep, course S80°E.
 Ascend 120 ft. over S. slope.
 48.30 Top of spur slopes S45°E.
 Descend 87 ft. over NE. slope.
 55.79 Wash 10 lks. wide 2 ft. deep, course S5°E.
 Ascend 334 ft. over SW. slope.
 77.92 Top of spur slopes S2°E.
 Continue ascent 17 ft. over SW. slope to
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the
 ground for cor. of secs. 1, 2, 11, and 12, marked on
 brass cap



- Raise a mound of stone 4 ft. base, 4 ft. high W. of cor.
 Land, broken and hilly.
 Soil, stony 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

- 40.00 N 89°56'E. on a random line bet. secs. 1 and 12.
 Set temp. $\frac{1}{4}$ sec. cor.

Subdivision of T 38 N., R 5 E.

Chains

A pinion 12 ins. in diam. bears $N41\frac{1}{4}^{\circ}E$. 167 lks. dist., marked WC $\frac{1}{4}$ S1 BT.

A cedar 30 ins. in diam. bears $N38^{\circ}W$. 148 lks. dist., marked WC $\frac{1}{4}$ S2 BT.

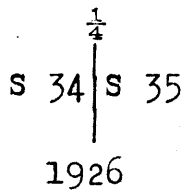
37.17 To triangulation station on S. edge of Vermillion cliffs
Leave rolling sandy land, and timber bears NE. and W.
Descend 650 ft. over precipitous cliffs over mountainous land.

40.10 The true point for $\frac{1}{4}$ sec. cor. falls on inaccessible cliff.
WC established on sec. line $N0^{\circ}06'W$. 3.60 chs. dist. as described above.

80.10 The cor. of secs. 1, 2, 11, and 12.
Land, rolling and mountainous.
Soil, sandy and stony 4 th. rate.
Timber, cedar and pinion.
Undergrowth

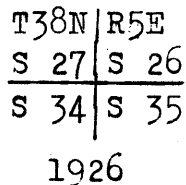
From the cor. of secs. 2, 3, 34, and 35 on S. bdy. of Tp. hereinbefore described
 $N0^{\circ}01'W$. bet. secs. 34 and 35.
Over rolling sandy prairie land, through sagebrush undergrowth.

40.00 Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for $\frac{1}{4}$ Sec. cor. marked on brass cap



41.90 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
80.00 Wash 40 lks. wide 2 ft. deep, course $S75^{\circ}E$.

Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in the ground for cor. of secs. 26, 27, 34, and 35, marked on brass cap



Dig pits 18x18x12 ins. in each sec. 3 ft. dist.
Land, rolling.
Soil sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush and yucca palms.

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

80.00 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line at the cor. of secs. 25, 26, 35, and 36

Thence
West on true line bet. secs. 26 and 35.
Over rolling sandy land, through sagebrush undergrowth.

9.60 Wash 25 lks. wide 3 ft. deep, course $S60^{\circ}E$.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in

Subdivision of T 38 N., R 5 E.

Chains

the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1926

80.00 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
The cor. of secs. 26, 27, 34, and 35.
Land, rolling.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

N 0°01'W. bet. secs. 26 and 27.
Over level sandy prairie land, through sagebrush undergrowth.

21.98 Emmet wash 40 lks. wide 5 ft. deep, course S 65°E.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$
S 27 | S 26

1926

80.00 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in
the ground for cor. of secs. 22, 23, 26, and 27, marked
on brass cap

T38N | R5E
S 22 | S 23
S 27 | S 26

1926

Dig pits 18x18x12 ins. in each sec 3 ft. dist.
Land, rolling.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00 East on a random line bet. secs. 23 and 26.
Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. and S. line 8 lks. N. of the cor. of secs.
23, 24, 25, and 26.

Thence
40.01 N 89°57'W. on true line bet. secs. 23 and 26.
Over level sandy land, through sagebrush undergrowth.
Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

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

1926

Subdivision of T 38 N., R 5 E.

Chains.

80.02 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
The cor. of secs. 22, 23, 26, and 27.
Land, level.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

2.00 N 0°01'W. bet. secs. 22 and 23.
Over level sandy land, through sagebrush, undergrowth.
Point of spur slopes East.
29.80 Wash 15 lks. wide 5 ft. deep course S70°E.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$\frac{1}{4}$
 S 22 | S 23
 1926

68.88 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
Wash 15 lks. wide 4 ft. deep, course East.
73.40 Road from Lee's Ferry to Kane Springs, bears N75°E. and
S75°W.
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in
the ground for cor. of secs. 14, 15, 22, and 23., marked
on brass cap

T38N | R5E
 S 15 | S 14
 S 22 | S 23
 1926

Raise a mound of stone $3\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high W. of cor.
Land, level.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00 S 89°57'E. on a random line bet. secs. 14 and 23.
Set temp. $\frac{1}{4}$ sec. cor.
80.07 Intersect N. and S. line 8 lks. S. of the cor. of secs.
13, 14, 23, and 24.

Thence
West on true line bet. secs. 14 and 23
Over level sandy land, through sagebrush undergrowth.
30.50 Wash 7 lks. wide 3 ft. deep, course S55°E.
40.04 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap

S 14
 S 23
 1926

67.75 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
Road from Lee's Ferry to Kane Springs bears N55°E. and
S55°W.
73.40 Wash 5 lks. wide 2 ft. deep, course S25°E.

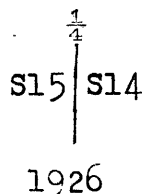
Subdivision of T 38 N., R 5 E.

Chains

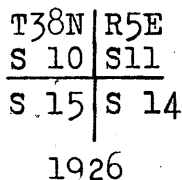
80.07 The cor. of secs.14,15,22,and 23.
 Land,level.
 Soil,sandy 4 th. rate.
 Timber,none.
 Undergrowth,sagebrush.

N 0°01'W. bet. secs.14 and 15.
 Over rolling sandy and stony land,through sagebrush undergrowth.

8.70 Wash 4 lks. wide 2 ft. deep,course S40°E.
 Ascend 27 ft. over SW. slope.
 12.46 Top of spur slopes East.
 Descend 71 ft. over NE. slope.
 20.41 Wash 6 lks. wide 2 ft. deep,course S40°E.
 Ascend 244 ft. over SW. slope.
 36.00 Top of spur,slopes S20°E.
 Descend about 10 ft. over NE. slope.to
 40.00 Set an iron post 3 ft. long,1 in. in diam,18 ins. in the ground to bedrock and raise a mound of stone 2 ft. base 1½ ft. high around post for ¼ sec.cor. marked on brass cap



Raise a mound of stone 2½ ft. base 2 ft. high W. of cor.
 Ascend 178 ft. along SE. slope
 61.24 Top of spur slopes S30°E.
 Descend 82 ft. over NE. slope.
 70.49 Wash 6 lks. wide 2 ft. deep,course S35°E.
 Ascend 96 ft. over broken SW. slope.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam.27 ins. in the ground for cor. of secs.10,11,14,and 15,marked on brass cap



Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.
 Land,rolling and hilly.
 Soil,sandy and stony 4 th. rate.
 Timber,none.
 Undergrowth,sagebrush.

40.00 East on a random line bet. secs.11 and 14.
 Set temp.¼ sec. cor.
 80.06 Intersect N. and S. line at the cor. of secs.11,12,13, and 14.
 Thence
 West on true line bet. secs.11 and 14.
 Ascend 466 ft. over stony SE. slope over broken hilly land,through sagebrush undergrowth.
 30.33 Top of spur slopes S30°W.
 Descend 116 ft. over W. slope.
 40.03 Set an iron post 3 ft. long, 1 in. in diam.27 ins. in the ground for ¼ sec. cor.marked on brass cap

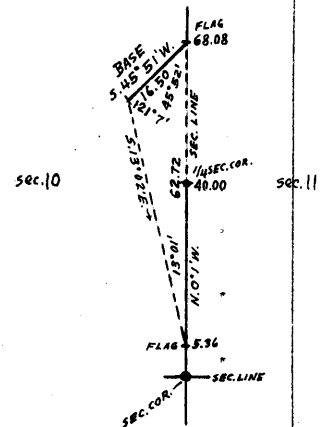
Subdivision of T 38 N., R 5 E.

Chains

$\frac{1}{4}$ S 11
 S 14
 1926

46.96 Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
 Wash 10 lks. wide 6 ft. deep, course SE.
 Ascend 30 ft. over E. slope over cliffs.
 54.06 Top of cliff, bears N. and S.
 Continue ascent 290 ft. over NE. slope.
 74.55 Top of spur slopes S40°E.
 Descend 10 ft. over SW. slope to
 80.06 The cor. of secs. 10, 11, 14, and 15.
 Land, hilly.
 Soil, sandy, and stony 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

5.36 N 0°01'W. bet. secs. 10 and 11.
 Ascend 138 ft. over SW. slope over stony mountainous
 land, through sagebrush undergrowth.
 Top of spur slopes S20°E.; Beyond this point the line
 passes over the precipitous south slope of the
 Vermillion cliffs; triangulate as follows;
 Set a flag ahead on line on top of cliffs; vertical
 angle to flag on cliff = +21°34'
 From flag on line on top of
 cliff, measure a base S45°51'W
 16.50 chs. dist. from the end of
 which the flag on section line
 at foot of cliffs bears S13°02'E.
 Dist. on sec. line = 5.36 chs.
 Dist. triangulated = 62.72 "
 Total dist. = 68.08 "



12.23 Descend 52 ft. over NE. slope.
 Wash 5 lks. wide 8 ft. deep, course S40°E.
 Ascend SW. slope 148 ft.
 18.24 Top of spur slopes S40°E.
 25.09 Short spur, slopes N80°E.
 Descend 8 ft. over NE. slope.
 35.81 Wash 7 lks. wide 2 ft. deep, course S25°E.
 Ascend 152 ft. over SW. slope to
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 18 ins. in
 the ground to bedrock and raise a mound of stone
 2 ft. base, 1½ ft. high around post for ¼ sec. cor.,
 marked on brass cap

$\frac{1}{4}$
 S10 | S11
 1926

68.08 Raise a mound of stone 3 ft. base, 2½ ft. high W. of cor.
 The precipitous character of the land beyond this cor.
 is such as to render further measurement by chaining
 impracticable.
 Triangulation station on line on top of Vermillion cliffs
 bears NE. and SW.
 Leave stony mountainous land, bears NE. and SW.
 Enter rolling sandy land and cedar and pinion timber
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 28 ins. in
 the ground for cor. of secs. 2, 3, 10, and 11, marked
 on brass cap

Subdivision of T 38 N., R 5 E.

Chains

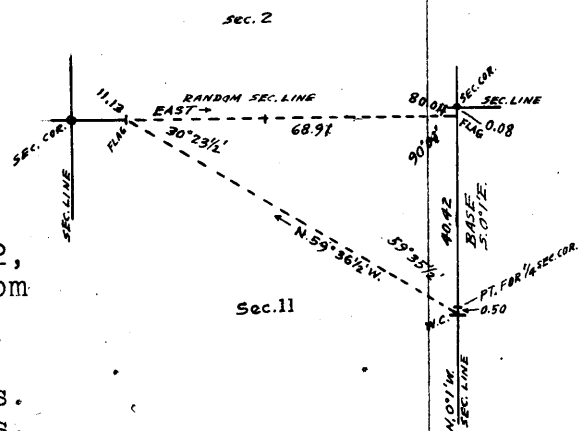
| | |
|------|------|
| T38N | R5E |
| S 3 | S 2 |
| S 10 | S 11 |

1926

from which
 A pinion 8 in. in diam. bears N39°E. 152 lks. dist.,
 marked T38N.,R5E.,S2 BT.
 A pinion 16 ins. in diam. bears S71½°E.44 lks. dist.,
 marked T38N.,R5E.,S11 BT.
 A pinion 18 ins. in diam. bears S70½°W.153 lks. dist.,
 marked T38N.,R5E.,S10 BT.
 A pinion 14 ins. in diam. bears N47½°W.106 lks. dist.,
 marked T38N.,R5E.,S3 BT.
 Land,rolling and mountainous.
 Soil,sandy and stony 3 rd. and 4 th. rate.
 Timber,cedar and pinion.
 Undergrowth,sagebrush.

11.13

East on a random line bet. secs.2 and 11.
 Top of precipitous cliffs.;triangulate as follows;
 Set a flag ahead on random line
 S0°01'E.of cor. of secs.1,2,
 11,and 12;vertical angle to
 said flag on random line=-36°12'
 Leave flag on random line on
 top of cliffs and from flag on
 random line S of sec.cor.measure
 a base S 0°01'E.40.42 chs.to WC.
 to ¼ sec. cor. bet. secs.11 and 12,
 from which point the flag on random
 line on top of cliffs bears
 N59°36½'W.



Distance on random line = 11.13 chs.
 Distance by triangulation=68.91 chs.
 Total dist.= 80.04 chs

80.04

Intersect N. and S. line 8 lks. S.of the cor. of secs.1,
 2,11,and 12.

Thence
 S 89°57'W.on true line bet.secs.2 and 11.
 Ascend E.slope 33 ft. over stony mountainous land,through
 sagebrush undergrowth.

1.73

Top of spur slopes S2°E.

Descend 132 ft. over W.slope.

6.18

Wash 8 lks. wide 2 ft. deep,course S7°E.

Ascend 256 ft. over NE. slope.

20.83

Top of spur slopes S20°E.

Descend 101 ft. over W.slope.

27.92

Wash 7 lks. wide 1 ft. deep,course S25°E.

Ascend 290 ft. over E. slope to

40.02

Set an iron post 3 ft. long 1 in. in diam.6 ins. in the
 ground to bedrock,deposit a limestone 8x6x4 ins.
 marked with a cross (x) alongside,and raise a
 mound of stone 4 ft. base 2½ ft. high around post
 for ¼ sec. cor.,marked on brass cap

| |
|------|
| S 2 |
| S 11 |

1926

Beyond this point the line passes over precipitous cliffs
 2000 ft. high impracticable to chain.

Subdivision of T. 38 N., R. 5 E.

Chains

68.91 (Dist. by triangulation as hereinbefore described.) Top of E. edge of Vermillion Cliffs, bears NE. and SW. Leave mountainous land, bears NE. and SW.; Enter rolling sandy land and cedar and pinion timber. Continue line and measurement by chaining.

80.04 The cor. of secs. 2, 3, 10, and 11. Land, rolling and mountainous. Soil, sandy and stony 3 rd. and 4 th. rate. Timber, cedar and pinion. Undergrowth, sagebrush.

40.00 N 0°06' W. on a random line bet. secs. 2 and 3. Set temp. $\frac{1}{4}$ sec. cor.

80.17 Intersect N. bdy. of Tp. 14 lks. W. of the cor. of secs. 2, 3, 34, and 35, hereinbefore described

Thence South on true line bet. secs. 2 and 3. Over rolling sandy land, through cedar and pinion timber and sagebrush undergrowth.

40.17 Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S 3 | S 2

1926

from which

A pinion 20 ins. in diam. bears N 86° E. 78 lks. dist., marked $\frac{1}{4}$ S 2 BT.

A pinion 24 ins. in diam. bears N 65° W. 121 lks. dist., marked $\frac{1}{4}$ S 3 BT.

Descend 88 ft. over SE. slope.

80.17 The cor. of secs. 2, 3, 10, and 11. Land, rolling. Soil, sandy 4 th. rate. Timber, cedar and pinion. Undergrowth, sagebrush.

From the cor. of secs. 3, 4, 33, and 34 on S. bdy. of Tp. hereinbefore described

N 0°02' W. bet. secs. 33 and 34.

Ascend 50 ft. over S. slope over rolling sandy land, through sagebrush undergrowth.

26.48 Top of spur, slopes S 80° E.

40.00 Descend 46 ft. over NE. slope

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

$\frac{1}{4}$
 S 33 | S 34

1926

67.30 Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.

80.00 Wash 4 lks. wide 1 ft. deep, course N 80° E.

Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 27, 28, 33, and 34, marked on brass cap

Subdivision of T 38 N., R 5 E.

Chains.

| | |
|------|------|
| T38N | R5E |
| S 28 | S 27 |
| S 33 | S 34 |

1926

Raise a mound of stone 2 ft. base, 2 ft. high W. of cor.
From this cor. a stone monument with location notice
of water right appropriation by C.H. Spencer, dated
June 27, 1918, bears N13°10'W. 3.27 chs. dist.

Land, rolling.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00

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

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

80.00

Intersect N. and S. line 8 lks. S. of the cor. of secs.
26, 27, 34, and 35

Thence

S 89°57'W. on true line bet. secs. 27 and 34.

Over rolling sandy prairie land, through scattering
sagebrush undergrowth.

40.00

Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the
ground for $\frac{1}{4}$ sec. cor.; marked on brass cap

| |
|--------------------|
| $\frac{1}{4}$ S 27 |
| S 34 |

1926

80.00

Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
The cor. of secs. 27, 28, 33, and 34.

Land, rolling.
Soil sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00

N0°-02'W. bet. secs. 27 and 28.

Over rolling sandy prairie land through sagebrush under-
growth.Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in
the ground for $\frac{1}{4}$ sec. cor.; marked on brass cap

| |
|---------------|
| $\frac{1}{4}$ |
| S 28 S 27 |

1926

70.00

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
Top of low spur slopes S50°E.

Descend over NE. slope

80.00

Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in
the ground for cor. of secs. 21, 22, 27, and 28, marked
on brass cap

| | |
|------|------|
| T38N | R5E |
| S 21 | S 22 |
| S 28 | S 27 |

1926

Subdivision of T 38 N., R 5 E.

| | |
|--------|---|
| Chains | <p>Raise a mound of stone 2 ft. base, 2 ft. high W. of cor. Land, rolling. Soil, sandy 4 th. rate. Timber, none. Undergrowth, sagebrush.</p> |
| 40.00 | <p>N 89°57'E. on a random line bet. secs. 22 and 27. Set temp. $\frac{1}{4}$ sec. cor.</p> |
| 80.00 | <p>Intersect N. and S. line 2 lks. S. of the cor. of secs. 22, 23, 26, and 27</p> |
| 40.00 | <p>Thence S 89°56'W. on true line bet. secs. 22 and 27. Over rolling sandy land, through sagebrush undergrowth. Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap</p> |
| | <p style="text-align: center;">$\frac{1}{4}$ S 22 S 27 1926</p> |
| 77.66 | <p>Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.</p> |
| 80.00 | <p>Wash 18 lks. wide 6 ft. deep, course S45°E. The cor. of secs. 21, 22, 27, and 28 Land, rolling. Soil, sandy 4 th. rate. Timber, none. Undergrowth, sagebrush.</p> |
| 1.32 | <p>N 0°02'W. bet. secs. 21 and 22. Descend 20 ft. over N. slope through sagebrush undergrowth. over rolling land.</p> |
| 40.00 | <p>Wash 16 lks. wide 6 ft. deep, course S45°E. Ascend 20 ft. over SW. slope. Set an iron post 3 ft. long 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap</p> |
| | <p style="text-align: center;">$\frac{1}{4}$ S 21 S 22 1926</p> |
| 42.05 | <p>Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. Road from Lee's Ferry to Kane Springs, bears N58°E. and S58°W.</p> |
| 65.76 | <p>Road to Lee's Ferry from upper pools, bears N85°E. and S85° W.</p> |
| 80.00 | <p>Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 15, 16, 21, and 22, marked on brass cap</p> |
| | <p style="text-align: center;">T38N R5E S 16 S 15 S 21 S 22 1926</p> |
| | <p>Dig pits 18x18x12 ins. in each sec. 3 ft. dist. Land, rolling. Soil, sandy 4 th. rate. Timber, none Undergrowth, sagebrush.</p> |

Subdivision of T 38 N., R 5 E.

Chains

N 89°56'E. on a random line bet. secs. 15 and 22.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.03 Intersect N. and S. line 5 lks. S. of the cor. of secs.
 14, 15, 22, and 23.
 Thence
 S 89°54'W. on true line bet. secs. 15 and 22.
 Over rolling sandy land, slopes S. through sagebrush under-
 growth.
 12.15 Wash 6 lks. wide 1 ft. deep, course S40°E.
 19.55 Wash 15 lks. wide 18 ft. deep, course S50°E.
 26.55 Wash 16 lks. wide 14 ft. deep, course S30°E.
 Ascend 34 ft.
 33.38 Top of spur slopes S30°E.
 Descend 20 ft. over SW. slope.
 35.16 Wash 5 lks. wide 1 ft. deep, course S45°E.
 Ascend 22 ft. over E. slope.
 40.02 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in
 the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1926

43.00 Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
 Top of spur, slopes S.
 Descend over W. slope.
 64.10 Wash 10 lks. wide 3 ft. deep, course S20°E.
 Ascend 20 ft. over E. slope to
 80.03 The cor. of secs. 15, 16, 21, and 22.
 Land, rolling.
 Soil, sandy 3 rd. and 4 th. rate.
 Timber, none?
 Undergrowth, sahebrush.

N 0°02'W. bet. secs. 15 and 16.
 Over rolling sandy prairie land, through sagebrush under-
 growth.
 21.32 Wash 4 lks. wide 1 ft. deep, course S40°W.
 Ascend 66 ft. over SE. slope
 25.00 Top of spur slopes S70°E.
 Descend over NE. slope
 30.93 Same wash 5 lks. wide 1 ft. deep, course S5°E.
 Ascend 141 ft. over SW. slope to
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1926

76.26 Raise a mound of stone 3 ft. base, 3 ft. high W. of cor.
 Ascend 426 ft. over SW. slope
 Top of spur slopes S30°W.
 Over rolling land on spur.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the
 ground for cor. of secs. 9, 10, 15, and 16, marked on
 brass cap

T38N | R5E
 S 9 | S 10
 S 16 | S 15
 1926

Subdivision of T 38 N., R 5 E.

Chains

Raise a mound of stone 2 ft. base 2 ft. high W. of cor.
 Land, rolling and hilly.
 Soil, sandy and stony 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

40.00 N 89°54 'E. on a random line bet. secs. 10 and 15.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line 10 lks. N. of the cor. of secs.
 10, 11, 14, and 15.
 Thence
 S 89°58 'W. on true line bet. secs. 10 and 15.
 Descend 70 ft. over stony SW. slope over mountainous
 land, through sagebrush undergrowth.
 4.99 Wash 6 lks. wide 1 ft. deep, course S30°E.
 Ascend 101 ft. over E. slope.
 8.54 Top of spur slopes S30°E.
 Descend 109 ft. over SW. slope.
 14.33 Wash 6 lks. wide 1 ft. deep, course S35°E.
 Ascend 23 ft. over NE. slope.
 29.28 Top of spur slopes S30°E.
 Descend 78 ft. over SW. slope.
 38.07 Wash 4 lks. wide 1 ft. deep, course South.
 Ascend 33 ft. over stony E. slope to
 40.02 Set an iron post 3 ft. long, 1 in. in diam. 18 ins. in the
 ground to bedrock, and raise a mound of stone 2 ft.
 base $1\frac{1}{2}$ ft. high around post for $\frac{1}{4}$ sec. cor., marked
 on brass cap

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

1926

Raise a mound of stone 3 ft. base, 2 ft. high N. of cor.
 Ascend 50 ft. over E. slope.
 42.71 Top of spur slopes S10°E.
 Descend 208 ft. over SW. slope.
 49.63 Wash 5 lks. wide 2 ft. deep, course S10°E.
 Ascend 308 ft. over NE. slope.
 72.04 Top of spur, slopes South.
 Descend 17 ft. over W. slope to,
 80.04 The cor. of secs. 9, 10, 15, and 16.
 Land, mountainous.
 Soil, stony 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

N 0°02 'W. bet. secs. 9 and 10.
 Ascend 25 ft. over SW. slope over stony mountainous land,
 through sagebrush undergrowth.
 38.04 Top of spur slopes S80°W.
 Over rolling land on top of spur.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap

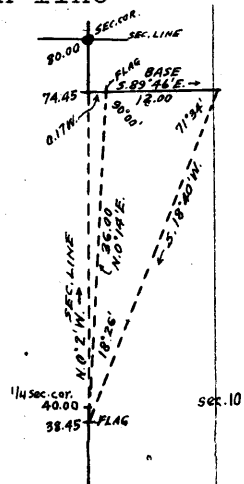
S 9 | S 10

1926

Subdivision of T. 38 N., R 5 E.

Chains

Raise a mound of stone 2 ft. base, 2 ft. high W. of cor. Precipitous ascent 990 ft. from $\frac{1}{4}$ sec. cor. over S. slope of Vermillion Cliffs, impossible to chain on line therefore, triangulate as follows; Return to station at 38.45 chs. $N0^{\circ}02'W.$ of cor. of secs. 9, 10, 15, and 16, and set a flag ahead on top of cliffs; bearing and vertical angle to flag on top of cliffs are $N0^{\circ}14'E, + 24^{\circ}39'$



From the flag on top of cliffs, measure a base $S89^{\circ}46'E. 12.00$ chs. dist. from the end of which a flag at the 38.45 chain station on sec. line bears $S 18^{\circ}40'W.$

Distance on section line = 38.45 chs.
 Distance by triangulation = 36.00 chs.
 Total dist to flag on cliff 74.45 chs.

Offset 17 lks. West from triangulation station on top of cliffs to

74.45 To point on sec. line on S. edge of Vermillion Cliffs, bears NW. and E.; Leave mountainous land, bears NW. and E.

80.00 Enter sandy land and cedar and pinion timber. Set an iron post 3 ft. long, 2 ins. in diam. over cross (x) on exposed limestone ledge and raise a mound of stone 4 ft. base, 3 ft. high around post for cor. of secs. 3, 4, 9, and 10, marked on brass cap

| | |
|------|------|
| T38N | R5E |
| S 4 | S 3 |
| S 9 | S 10 |

1926

from which

- A pinion 10 ins. in diam, bears $N43^{\circ}45'E$ 100 lks. dist., marked T38N., R5E., S3 BT.
- A pinion 8 ins. in diam. bears $S87\frac{1}{2}^{\circ}E.$ 169 lks. dist., marked T38N., R5E., S10 BT.
- A cedar 16 ins. in diam. bears $S73^{\circ}W.$ 110 lks. dist., marked T38N., R5E., S9 BT.
- A pinion 10 ins. in diam. bears $N60\frac{1}{2}^{\circ}W.$ 118 lks. dist., marked T38N., R5E., S4 BT.

Land, rolling and mountainous.
 Soil, sandy and stony 4 th. rate.
 Timber, cedar and pinion.
 Undergrowth, cedar, pinion, and sagebrush.

40.00 N $89^{\circ}58'E.$ on a random line bet. secs. 3 and 10
 80.02 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line 8 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence
 N $89^{\circ}59'W.$ on true line bet. secs. 3 and 10.
 Descend 77 ft. over W. slope over rolling sandy land, through cedar and pinion timber and sagebrush undergrowth.

40.01 Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap

| | |
|---------------|------|
| $\frac{1}{4}$ | S 3 |
| | S 10 |

1926

Subdivision of T 38 N., R 5 E.

Chains

from which

A pinion 16 ins. in diam. bears N48 $\frac{1}{2}$ °W. 103 lks. dist.,
marked $\frac{1}{4}$ S3 BT.

A pinion 12 ins. in diam. bears S59 $\frac{1}{2}$ °E. 59 lks. dist.,
marked $\frac{1}{4}$ S 10 BT.

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

Land, rolling.
Soil, sandy, 4 th. rate.
Timber, cedar and pinion.
Undergrowth, cedar, pinion, and sagebrush.

40.00

North on a random line bet. secs. 3 and 4.
Set temp. $\frac{1}{4}$ sec. cor.

80.16

Intersect N. bdy. of Tp. 5 lks. E. of the cor. of secs. 3, 4, 33,
and 34, hereinbefore described.

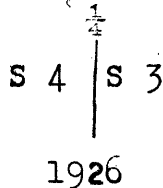
Thence

S 0°02'E. on true line bet. secs. 3 and 4.

Ascend 57 ft. over W. slope over rolling sandy land, thru.
scattering cedar and pinion timber and sagebrush
undergrowth.

40.16

Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the
ground for $\frac{1}{2}$ sec. cor. marked on brass cap



from which

A pinion 10 ins. in diam. bears S66 $\frac{1}{4}$ °E. 85 lks. dist.,
marked $\frac{1}{4}$ S3 BT.

A pinion 8 ins. in diam. bears S33 $\frac{1}{4}$ °W. 120 lks. dist.,
marked $\frac{1}{4}$ S 4 BT.

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

Land, rolling.
Soil, sandy 4 th. rate.
Timber, scattering cedar and pinion.
Undergrowth, cedar, pinion, and sagebrush.

From the cor. of secs. 4, 5, 32 & 33, on S. bdy. of Tp. hereinbefore described,
N 0°03'W. bet. secs. 32 and 33.

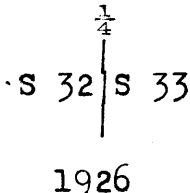
Over rolling sandy prairie land, through sagebrush under-
growth.

4.55

House Rock Wash 100 lks. wide 6 ft. deep, course S70°E.
Ascend 46 ft. over S. slope.

40.00

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



48.00

Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
Wash 12 lks. wide 5 ft. deep, course S25°E.
Ascend 69 ft. over SW. slope.

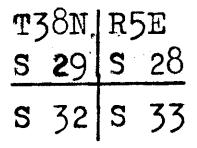
71.50

Top of spur slopes S80°E.
Over broken NE. slope

Subdivision of T 38 N., R 5 E.

Chains

80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 28, 29, 32, and 33, marked on brass cap



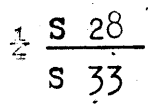
1926

Raise a mound of stone 3 ft. base, 2 ft. high W. of cor.
Land, rolling.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

40.00 East on a random line bet. secs. 28 and 33.
Set temp. $\frac{1}{4}$ sec. cor.
80.06 Intersect N. and S. line 8 lks. S. of the cor. of secs. 27, 28, 33, and 34.

Thence
S. 89°57' W. on true line bet. secs. 28 and 33.
Ascend 70 ft. over NE. slope over rolling sandy prairie land, through sagebrush undergrowth.

40.03 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



1926

53.50 Raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high N. of cor.
Wash 5 lks. wide 1 ft. deep, course N25°E.
Ascend 16 ft. over SE. slope.

56.99 Top of spur slopes N15°E.
Descend about 12 ft. over NW. slope to

69.80 Wash 8 lks. wide 1 ft. deep, course N50°E.
Ascend 33 ft. over SE. slope to

80.06 The cor. of secs. 28, 29, 32, and 33.
Land, rolling.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sagebrush.

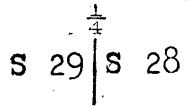
N 0°03' W. bet. secs. 28 and 29.
Descend about 5 ft. over NW. slope over rolling sandy land through sagebrush undergrowth.

.21 Wash 6 lks. wide 1 ft. deep, course East.
Ascend 48 ft. over S. slope.

8.00 Top of spur slopes S70°E.
Descend 22 ft. over N. slope.

13.75 Wash 5 lks. wide 1 ft. deep, course SE.
Over rolling prairie land.

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



1926

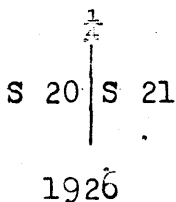
Subdivision of T 38 N., R 5 E.

| | | | | | | | |
|--------------------|--|--------------------|------|------|------|------|------|
| Chains | | | | | | | |
| 47.85 | Dig pits 18x18x12 ins. N. and S. of Post 3 ft. dist., Wash 10 lks. wide 2 ft. deep, course S70°E. | | | | | | |
| 79.45 | Ascend 67 ft. over SE. slope over broken land. Road from Lee's Ferry to Fredonia Arizona, bears N85°E. and S85°W. | | | | | | |
| 80.00 | Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 20, 21, 28, and 29, marked on brass cap | | | | | | |
| | <table border="1"> <tbody> <tr> <td>T38N</td> <td>R5E</td> </tr> <tr> <td>S 20</td> <td>S 21</td> </tr> <tr> <td>S 29</td> <td>S 28</td> </tr> </tbody> </table> <p>1926</p> | T38N | R5E | S 20 | S 21 | S 29 | S 28 |
| T38N | R5E | | | | | | |
| S 20 | S 21 | | | | | | |
| S 29 | S 28 | | | | | | |
| | Raise a mound of stone 4 ft. base, 3 ft. high W. of cor. Land, rolling and broken. Soil, sandy and stony 4 th. rate. Timber, none. Undergrowth, sagebrush. | | | | | | |
| 40.00 | N 89°57'E. on a random line bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor. | | | | | | |
| 80.06 | Intersect N. and S. line at the cor. of secs. 21, 22, 27, and 28. Thence S 89°57'W. on true line bet. secs. 21 and 28. Ascend 20 ft. over NE. slope over rolling sandy land, through sagebrush undergrowth. | | | | | | |
| 10.00 | Top of spur slopes S50°E. Ascend over SW. slope. | | | | | | |
| 22.74 | Wash 8 lks. wide 2 ft. deep, course S30°E. Ascend 23 ft. over SE. slope | | | | | | |
| 40.03 | Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap | | | | | | |
| | <table border="1"> <tbody> <tr> <td>$\frac{1}{4}$ S 21</td> </tr> <tr> <td>S 28</td> </tr> </tbody> </table> <p>1926</p> | $\frac{1}{4}$ S 21 | S 28 | | | | |
| $\frac{1}{4}$ S 21 | | | | | | | |
| S 28 | | | | | | | |
| 52.80 | Dig pits 18x18x12 ins E. and W. of post 3 ft. dist. Wash 10 lks. wide 2 ft. deep, course S55°E. | | | | | | |
| 75.34 | Ascend 140 ft. over E. slope over broken land. Road from Lee's Ferry to Fredonia Arizona, bears N60°E. and S60°W. | | | | | | |
| 80.06 | The cor. of secs. 20, 21, 28, and 29: Land, rolling and broken. Soil, sandy and stony 3 rd. and 4 th. rate. Timber, none. Undergrowth, sagebrush. | | | | | | |
| 18.26 | N 0°03'W. bet. secs. 20 and 21. Ascend 31 ft. over broken SE. slope through sagebrush undergrowth. | | | | | | |
| 23.00 | Top of spur slopes East. Descend 52 ft. over N. slope. | | | | | | |
| 36.00 | Foot of descent.; Enter flat bears E. and W. Leave flat bears E. and W. Ascend 106 ft. over S. slope. | | | | | | |

Subdivision of T 38 N., R 5 E.

Chains

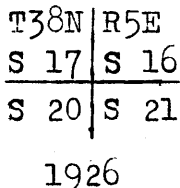
40.00 Set an iron post $\frac{3}{4}$ ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap



47.60 Raise a mound of stone 4 ft. base, 3 ft. high W. of cor. Top of spur, slopes S30°E. Along top of spur

56.00 Descend 210 ft. over N. slope to

80.00 Set an iron post $\frac{3}{4}$ ft. long, 2 ins. in diam, 27 ins. in the ground for cor. of secs. 16, 17, 20, and 21., marked on brass cap



Raise a mound of stone 3 ft. base, 2 ft. high W. of cor. Land, broken and level. Soil, sandy and stony 3 rd. and 4 th. rate. Timber, none. Undergrowth, sagebrush.

40.00 N 89°57'E. on a random line bet. secs. 16 and 21 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line at the cor. of secs. 15, 16, 21, and 22.

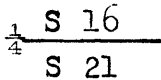
Thence

S 89°57'W. on true line bet. secs. 16 and 21.

Over rolling sandy land, through sagebrush undergrowth.

9.76 Wash 5 lks. wide 2 ft. deep, course S5°E.

40.03 Set an iron post $\frac{3}{4}$ ft. long 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap



1926

42.30 Raise a mound of stone 4 ft. base, $3\frac{1}{2}$ ft. high N. of cor. Wash 20 lks. wide 2 ft. deep, course S5°W.

Ascend 35 ft. over SE. slope.

50.75 Top of spur, slopes S10°E.

Descend 22 ft. over SW. slope

61.26 Wash 25 lks. wide 2 ft. deep, course South.

68.86 Wash 35 lks. wide 2 ft. deep, course S25°E.

Ascend over NE. slope about 10 ft. to

70.86 Road from Lee's Ferry to Upper pools., bears N25°W. and S25°E.

80.06 The cor. of secs. 16, 17, 20, and 21.

Land, rolling.

Soil, sandy 4 th. rate.

Timber, none.

Undergrowth, sagebrush.

Subdivision of T 38 N., R 5 E.

Chains

- 59.30 Raise a mound of stone 4 ft. base, 3 ft. high N. of cor. Wash 5 lks. wide 1 ft. deep, course S5°E.
- 65.22 Leave broken land, bears N. and S., enter rolling land. Wash 8 lks. wide 2 ft. deep, course S15°E. Leave rolling land bears N. and S.; Ascend 17 ft. over NE. slope over broken land.
- 70.05 Top of low spur slopes S40°E. Descend 51 ft. over SW. slope.
- 78.54 Wash 6 lks. wide 2 ft. deep, course S15°E. Ascend 10 ft. over E. slope to
- 80.08 The cor. of secs. 8, 9, 16, and 17. Land, rolling and broken. Soil, sandy and stony 4 th. rate. Timber, none. Undergrowth, sagebrush.

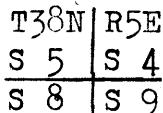
N 0°03'W. bet. secs. 8 and 9.
 Descend about 8 ft. over NE. slope over sandy land, through sagebrush undergrowth.

- 2.66 Wash 9 lks. wide 2 ft. deep, course S25°E. Ascend 34 ft. over broken SW. slope
- 38.15 Same wash 5 lks. wide 1 ft. deep, course S20°W.
- 39.65 Same wash, 5 lks. wide 1 ft. deep, course S40°E.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



1926

- 41.03 Emmett Spring bears N. 14°38'W. 17.65 chs. dist. Raise a mound of stone 3 ft. base, 3 ft. high W. of cor. Same wash 5 lks. wide 1 ft. deep, course SW. Ascend 128 ft. over stony SE. slope.
- 54.21 Intersect line 3-4 of the EMMETT patented lode claim 13.10 chs. S22°23'W. of cor. No. 4 and 5.63 chs. N22°23'E. of cor. No. 3 of said claim. The bearing and length of line 2-3 of the EMMETT are S. 67°25'E., 9.01 chs.
- 54.26 Top of spur slopes S20°W. Descend 67 ft. over NW. slope
- 58.09 Wash 8 lks. wide 2 ft. deep, course S40°W. Ascend 180 ft. over SE. slope
- 64.12 Top of spur slopes S30°W. thence over broken SW. slope.
- 68.33 Intersect line 1-4 of the EMMETT patented lode claim. Survey No. 2141, at a point 5.39 chs. N68°05'W. of cor. No. 4 and 3.75 chs. S 68°05'E. of cor. No. 1 of said claim. The bearing and bearing and length of line 1-2 of the EMMETT are S. 22°05'W., 18.63 chs.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 4, 5, 8, and 9, marked on brass cap



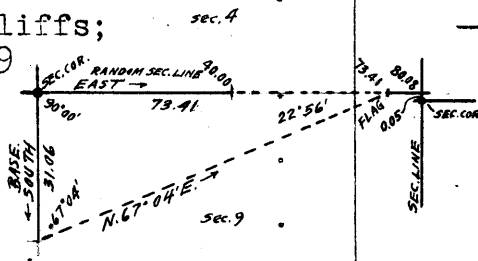
1926

Raise a mound of stone 4 ft. base, 3 ft. high W. of cor.
 Land, broken.
 Soil, sandy and stony 4 th. rate.
 Timber, none.
 Undergrowth, sagebrush.

Subdivision of T,38 N., R 5 E.

Chains

40.00 East on a random line bet. secs.4 and 9.
Set temp. $\frac{1}{4}$ sec. cor.
Precipitous ascent over Vermillion Cliffs; triangulate as follows;
Set a flag on random line on top of cliffs;
Return to the cor. of secs.4,5,8, and 9 and measure a base South 31.06 chs. dist. from the end of which the flag on random line on top of cliff bears N67°04'E.



73.41 Distance by triangulation = 73.41 chs.
Triangulation station on random line on top of cliffs.
Continue random line and measurement by chaining.
80.08 Intersect N. and S. line 5 lks. N. of the cor. of secs. 3,4,9, and 10.

Thence
N 89°58'W. on true line bet. secs.4 and 9.
Descend 74 ft. over SW. slope over cliffs. through cedar and pinion timber and brush undergrowth.
6.67 West edge of Vermillion Cliffs, bears NW. and SE.; Leave timber bears NW. and SE..
Descend (approx.) 1000 ft. over precipitous SW. slope over cliffs, to
40.04 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

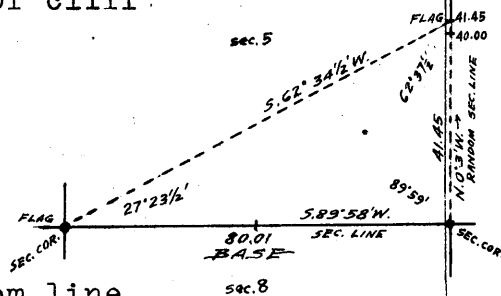
S 4

S 9

1926

50.49 Raise a mound of stone 3 ft. base 2 ft. high. N. of cor.
Ascend 155 ft. over S. slope
Top of spur slopes S50°W.
68.08 Descend 259 ft. over NW. slope.
Wash 6 lks. wide 1 ft. deep, course S50°W.
Ascend 86 ft. over SE. slope.
74.11 Top of spur slopes S15°E.
Descend 46 ft. over SW. slope to
80.08 The cor. of secs.4,5,8, and 9.
Land, broken and mountainous.
Soil, stony 4 th. rate.
Timber, cedar and pinion.
Undergrowth, sagebrush and cedar.

N 0°03'W. on a random line bet. secs.4 and 5.
Precipitous ascent over SW. slope of Vermillion cliffs. impossible to chain on line; triangulate as follows;
Set a flag on random line on top of cliff and use the south boundary of sec. 5 as a base.; Vertical angle to flag on random line on top of cliffs = +24°16'.
From flag on random line on top of cliffs a flag held on cor. of secs.5,6,7, and 8., bears S 62°34 $\frac{1}{2}$ 'W.

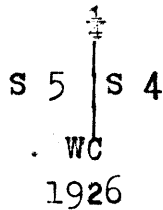


Dist. triangulated to flag on random line on top of cliff = 41.45 chs.
40.00 The point for the temp. $\frac{1}{4}$ sec. cor. falls on inaccessible cliff.
41.45 Triangulation station on random line on top of cliff.
Continue random line and measurement by chaining.
80.06 Intersect N. bdy. of Tp. 2 lks. W. of the cor. of secs.4,5, 32, and 33. hereinbefore described,
Thence
S 0°02'E. on true line bet. secs.4 and 5.

Subdivision of T 38 N., R 5 E.

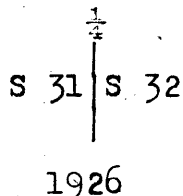
Chains

Ascend 46 ft. over W. slope over rolling sandy land, through scattering cedar and pinion timber and sage brush undergrowth.
 38.56 Set an iron post 3 ft. long, 1 in. in diam. over cross (x) on sandstone ledge and raise a mound of stone 4 ft. base, 3 ft. high around post for witness cor. to the $\frac{1}{4}$ sec. cor., marked on brass cap.

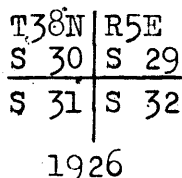


No bearing trees available.
 38.60 South edge of Vermillion cliffs, bears NW. and SE.; Leave rolling sandy land and timber, bears NW. and SE. Descend 1122 ft. over precipitous cliffs over mountainous land.
 40.06 The true point for the $\frac{1}{4}$ sec. cor. falls on inaccessible cliff; WC. established 150 lks. N0°02'W. as described above.
 80.06 The cor. of secs. 4, 5, 8, and 9. Land, rolling and mountainous land. Soil, sandy and stony 4 th. rate. Timber, scattering cedar and pinion. Undergrowth, sagebrush.

From the cor. of secs. 5, 6, 31, and 32 on S. bdy. of Tp. hereinbefore described.
 N 0°03'W. bet. secs. 31 and 32
 Ascend 4 ft. over S. slope over rolling sandy land, thru. sagebrush undergrowth.
 4.40 Top of spur slopes S80°E. Descend 15 ft. over NE. slope.
 4.45 Road from Lee's Ferry to Kane Springs bears N80°W. and S80°E.
 14.99 Houserock Wash 11.70 chs. wide 5 ft. deep, course S75°E. Ascend S slope over prairie land.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap



Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist. Continue ascent 30 ft. over S. slope.
 73.62 A point from which a windmill in House Rock Wash bears S43°02'W.
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the ground for cor. of secs. 29, 30, 31, and 32, marked on brass cap



Dig pits 18x18x12 ins. in each sec. 3 ft. dist.

Subdivision of T 38 N., R5 E.

| Chains | |
|--------|---|
| | <p>From this cor. A windmill bears S40°06'W. The NE. cor. of house bears S24°53'E. about 40.00 chs. dist. A house at House Rock bears N58°51'W. about 10 miles dist. A house at Kane bears S45°14'W. about 10 miles dist. Land, rolling. Soil, sandy 4 th. rate. Timber, none. Undergrowth, sagebrush.</p> |
| 40.00 | East on a random line bet. secs. 29 and 32. Set temp. $\frac{1}{4}$ sec. cor. |
| 80.05 | Intersect N. and S. line at the cor. of secs. 28, 29, 32, and 33. Thence West on true line bet. secs. 29 and 32. Descend NW. slope over rolling sandy land, through sagebrush undergrowth. |
| .65 | Wash 8 lks. wide 1 ft. deep, course NE. |
| 4.96 | Ascend 40 ft. over SE. slope. Point of spur, slopes SE. Descend over SW. slope |
| 6.00 | Same wash 7 lks. wide 1 ft. deep, course SE. Ascend 40 ft. over NE. slope. |
| 12.50 | Old road bears N25°W. and S25°E. on top of spur slopes SE. |
| 16.56 | Descend 23 ft. over SW. slope. |
| 18.10 | Wash 6 lks. wide 1 ft. deep, course S35°E. Ascend 17 ft. over E. slope |
| 21.60 | Top of ascent; enter level land, bears N. and S. |
| 32.24 | Leave level land bears N. and S. Descend about 20 ft. over SW. slope over rolling land. |
| 40.03 | Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap |
| | $\frac{1}{4} \frac{S 29}{S 32}$ 1926 |
| 44.98 | Raise a mound of stone 3 ft. base, 2 ft. high N. of cor. |
| 54.98 | Foot of descent; Enter nearly level land bears N. and S. Wash 20 lks. wide 6 ft. deep, course S15°E. Ascend 40 ft. over SE. slope to |
| 80.05 | The cor. of secs. 29, 30, 31, and 32. Land, rolling and level. Soil, sandy 4 th. rate. Timber, none. Undergrowth, sagebrush. |
| 40.00 | West on a random line bet. secs. 30 and 31. Set temp. $\frac{1}{4}$ sec. cor. |
| 79.37 | Intersect the First Guide Meridian East at the cor. of secs. 25, 30, 31, and 36, hereinbefore described. Thence East on true line bet. secs. 30 and 31. Over rolling sandy land, through sagebrush undergrowth. |
| 39.37 | Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap |

Subdivision of T 38 N., R 5 E.

Chains

1S 30
S 31

1926

79.37 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
The cor. of secs.29,30,31,and 32.
Land,rolling.
Soil,sandy 4 th. rate.
Timber,none.
Undergrowth,sagebrush.

N 0°03'W. bet. secs.29 and 30.
Ascend 29 ft. over SE. slope,over rolling sandy land,
through sagebrush undergrowth.

5.00 Top of spur slopes East.
Descend 29 ft. over N. slope.

9.98 Draw course S85°E.
Ascend 41 ft. over S. slope.

32.00 Top of short spur slopes East.
Descend over NE. slope.

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

S 30 | S 29

1926

57.50 Dig pits 18x18x12 ins. N.and S. of post 3 ft. dist.
Foot of slope.

Enter flat bears NW. and SE.

70.00 A corral bears East 3.00 chs.dist.

72.30 A house bears East 3.00 chs.dist.

72.30 A road from Lee's Ferry to House Rock and Fredonia Ariz.
bears N80°W. and S80°E.

80.00 Set an iron post 3 ft. long, 2 ins. in diam.27 ins. in
the ground for cor. of secs.19,20,29,and 30,
marked on brass cap

T38N | R5E
S 19 | S 20
S 30 | S 29

1926

Dig pits 18x18x12 ins.in each sec.3 ft. dist.
Land,rolling and level.
Soil,sandy 4 th. rate.
Timber,none.
Undergrowth,sagebrush.and blackbrush.

40.00 East on a random line bet. secs.20 and 29.
Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line 5 lks. N.of the cor. of secs.
20,21,28,and 29.

Thence

N 89°58'W.on true line bet. secs.20 and 29

Subdivision of T 38 N., R 5 E

| | |
|--------|--|
| Chains | Ascend 9 ft. over E. slope over rolling sandy land through sagebrush undergrowth. |
| 10.00 | Top of spur slopes S5°W |
| | Descend 23 ft. over NW. slope. |
| 25.27 | Wash 10 lks. wide 1 ft. deep, course S30°W. |
| | Ascend 9 ft. over SE. slope. |
| 40.03 | Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap |
| | $\frac{1}{4} \text{ S } 20$ $\text{S } 29$ 1926 |
| 69.75 | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist. |
| 79.44 | Wash 4 lks. wide 1 ft. deep, course S5°E.; Ascend |
| 80.06 | Water pipe-line bears N20°W. and S20°E. |
| | The cor. of secs. 19, 20, 29, and 30. |
| | Land, rolling. |
| | Soil, sandy 4 th. rate. |
| | Timber, none. |
| | Undergrowth, sage and blackbrush. |
| 40.00 | West on a random line bet. secs. 19 and 30 |
| | Set temp. $\frac{1}{4}$ sec. cor. |
| 79.28 | Intersect the First Guide Meridian East 2 lks. S. of the cor. of secs. 19, 24, 25, and 30, hereinbefore described. |
| | Thence |
| | S 89°59'E. on true line bet. secs. 19 and 30. |
| | Over level sandy prairie land, through sagebrush undergrowth. |
| 25.28 | Ascend 34 ft. over W. slope to |
| 34.28 | Top of ascent, thence over rolling land. |
| 39.28 | Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap |
| | $\text{S } 19$ $\frac{1}{4} \text{ S } 30$ 1926 |
| 58.28 | Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist. |
| | Road from Lee's Ferry to House Rock and Fredonia Arizona, bears N45°W. and S45°E. |
| 75.78 | Road to Upper Pools, bears N20°W. and S20°E. |
| 79.28 | The cor. of secs. 19, 20, 29, and 30. |
| | Land, rolling and level. |
| | Soil, sandy 4 th. rate. |
| | Timber, none. |
| | Undergrowth, sage and blackbrush. |
| 6.70 | N 0°03'W. bet. secs. 19 and 20. |
| | Over level prairie land, through sagebrush undergrowth. |
| 40.00 | Water pipe-line bears N20°W. and S20°E. |
| | Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the ground for $\frac{1}{4}$ sec. cor. marked on brass cap |
| | $\text{S } 19 \text{ S } 20$ 1926 |

Subdivision of T 38 N., R 5 E.

Chains

80.00 Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in
the ground for cor. of secs. 17, 18, 19, and 20,
marked on brass cap

| | |
|------|------|
| T38N | R5E |
| S 18 | S 17 |
| S 19 | S 20 |

1926

Dig pits 18x18x12 ins. in each sec. 3 ft. dist.
Land, rolling.
Soil, sandy, 4 th. rate.
Timber, none.
Undergrowth scattering sage and black brush.

40.00 S 89°58'E. on a random line bet. secs. 17 and 20.
Set temp. $\frac{1}{4}$ sec. cor.
80.08 Intersect N. and S. line 5 lks. S. of the cor. of secs.
16, 17, 20, and 21
Thence
West on true line bet. secs. 17 and 20.
Over NE. slope over broken stony land, through sage and
black brush undergrowth.
12.98 Top of spur slopes N40°E.
Descend 5 ft. over NW. slope.
15.98 Wash 5 lks. wide 1 ft. deep, course N50°E.
Ascend 50 ft. over SE. slope.
18.98 Top of spur slopes N20°E.
Over S. slope
35.00 Top of spur slopes S50°E.
Descend SW. slope 98 ft. to
40.04 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap

| | |
|---------------|------|
| $\frac{1}{4}$ | S 17 |
| | S 20 |

1926

47.48 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
Over level land bears N. and S.
Leave level land, bears N. and S.
Ascend 23 ft. over E. slope over rolling land.
52.48 Top of ascent on spur slopes S 10°W., thence
Across top of spur.
73.08 Descend about 11 ft. over W. slope to
80.08 The cor. of secs. 17, 18, 19, and 20.
Land, level and rolling.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, sage and blackbrush.

Subdivision of T 38 N., R 5 E.

Chains

- N. 89°59'W., on random line, bet. secs. 18 and 19.
 40.00 Set temp. $\frac{1}{4}$ sec. cor. on line bet. secs. 18 and 19.
 79.21 Intersect the First Guide Meridian East at the
 cor. of secs. 13, 18, 19, and 24, hereinbefore described
 Thence
 S 89°59'E. on true line bet. secs. 18 and 19.
 Over flat prairie land, through scattering black and sage
 brush undergrowth.
 10.11 Wash 16 lks. wide 4 ft. deep course S 5°E.
 39.21 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in
 the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

$$\frac{1}{4} \begin{array}{c} \text{S } 18 \\ \text{S } 19 \end{array}$$

1926

- Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
 50.01 Road from Upper to Lower pools, bears N25°W. and S25°E.
 54.21 Pipe-line from upper to lower pools, bears N20°W. and
 S20°E.
 79.21 The cor. of secs. 17, 18, 19, and 20:
 Land, rolling.
 Soil, sandy 4 th. rate.
 Timber, none.
 Undergrowth, black and sage brush.

- N 0°03'W. bet. secs. 17 and 18.
 Over level prairie land, slopes S. through scattering
 sage and black brush.
 40.00 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in
 the ground for $\frac{1}{4}$ sec. cor. of secs. 17 and 18.,
 marked on brass cap

$$\frac{1}{4} \begin{array}{c} \text{S } 18 \mid \text{S } 17 \end{array}$$

1926

- Dig pits 18x18x12 ins. N. and S. of post 3 ft. dist.
 56.00 Top of low spur slopes S70°E., thence over broken E. slope
 62.98 Top of spur slopes S45°E.; Enter flat bears NE. and SE
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in
 the ground for cor. of secs. 7, 8, 17, and 18, marked
 on brass cap

$$\begin{array}{c} \text{T38N} \mid \text{R5E} \\ \text{S } 7 \mid \text{S } 8 \\ \hline \text{S18} \mid \text{S17} \end{array}$$

1926

- Dig pits 18x18x12 ins. in each sec. 3 ft. dist.
 Note; From this point the SE. cor. of house at upper pools
 bears N24°56'W. about 125 chs. dist.
 Land, rolling.
 Soil, sandy 4th. rate.
 Timber, none.
 Undergrowth, sage and black brush.

Subdivision of T 38 N., R 5 E.

Chains.

40.00 East on a random line bet. secs. 8 and 17.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.02 Intersect N. and S. line 5 lks. S. of the cor. of secs.
 8, 9, 16, and 17.
 Thence
 S 89°58' W. on true line bet. secs. 8 and 17.
 Ascend 23 ft. over NE. slope over broken sandy and stony
 land, through sage and black brush undergrowth.
 2.47 Top of spur slopes S30°E.
 Descend 71 ft. over SW. slope
 20.00 Wash, drainage of Emmett's springs, 18 lks. wide 2 ft. deep
 course S35°E.
 Ascend 63 ft. over SE. slope.
 31.32 Top of spur slopes S20°E.
 Descend 18 ft. over SW. slope.
 35.67 Wash 12 lks. wide 2 ft. deep., course S.
 Ascend 141 ft. over SE. slope to
 40.01 Set an iron post 3 ft. long 1 in. in diam. 24 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1926

Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor.
 Ascend 34 ft. over broken SE. slope.
 49.27 Top of spur, slopes S10°E.
 Descend 52 ft. over W. slope.
 55.46 Wash 14 lks. wide 1 ft. deep, course S40°E.
 72.56 Road to upper pools bears N40°W. and S40°E.
 Ascend 106 ft. over NE. slope to
 80.02 The cor. of secs. 7, 8, 17, and 18.
 Land, broken.
 Soil, sandy and stony 4 th. rate.
 Timber, none.
 Undergrowth, sage and black brush.

N 89°59' W. on a random line bet. secs. 7 and 18.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.19 Intersect the First Guide Meridian East, 18 lks. S. of the
 cor. of secs. 7, 12, 13, and 18, hereinbefore described,
 Thence
 S 89°51' E. on true line bet. secs. 7 and 18.
 Over rolling sandy prairie land, through scattering sage
 and black brush undergrowth.
 3.14 Wash 5 lks. wide 2 ft. deep, course S30°W.
 13.15 Wash 6 lks. wide 3 ft. deep, course S2°E.
 38.17 Road from upper to lower pools, bears N. and S.
 39.19 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
 ground for $\frac{1}{4}$ sec. cor., marked on brass cap

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

1926

39.74 Dig pits 18x18x12 ins. E. and W. of post 3 ft dist.
 Pipe-line from upper to lower pools, bears N20°W. and S20°E

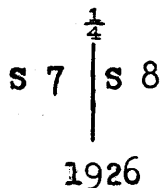
Subdivision of T 38 N., R 5 E.,

Chains

79.19 The cor. of secs. 7, 8, 17, and 18.
Land, rolling.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, sage and black brush.

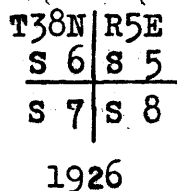
N 0°03'W. bet. secs. 7 and 8.
Over rolling sandy prairie land, through heavy blackbrush
undergrowth.

19.15 Road to upper pools, bears N40°W. and S35°E.
40.00 Set an iron post 3 ft. long, 1 in. in diam. 28 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap



62.50 Dig pits 18x18x12 ins. N. and S of post 3 ft. dist.
Leave rolling land bears NW. and SE.; Enter hilly land.
Ascend 205 ft. over S. slope

75.67 Top of spur slopes S40°E., thence over level land on spur
80.00 Set an iron post 3 ft. long, 2 ins. in diam. 27 ins. in the
ground for cor. of secs. 5, 6, 7, and 8., marked on brass
cap



Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor
Land, level, rolling, and hilly.
Soil, sandy 4 th. rate
Timber, none.
Undergrowth, black brush.

40.00 N 89°58'E. on a random line bet. secs. 5 and 8.
Set temp. $\frac{1}{4}$ sec. cor.
80.01 Intersect N. and S. line at the cor. of secs. 4, 5, 8, and 9
Thence
S 89°58'W. on true line bet. secs. 5 and 8.
Descend 160 ft. over W. slope over stony hilly land,
through blackbrush and sage undergrowth.
7.29 Wash 6 lks. wide 2 ft. deep, course S25°W.
Ascend 47 ft. over SE. slope
9.14 Top of spur slopes S20°W.
Descend 175 ft. over NW. slope.
17.60 Wash 8 lks. wide 2 ft. deep, course S10°W.
Ascend 204 ft. over SE. slope
25.48 Top of spur slopes S.
Descend 95 ft. over W. slope to
40.01 Set an iron post 3 ft. long, 1 in. in diam. 27 ins. in the
ground for $\frac{1}{4}$ sec. cor., marked on brass cap

Subdivision of T 38 N., R 5 E.

Chains

$\frac{1}{4}$ S 5
S 8
1926

Raise a mound of stone 2 ft. base, 2 ft. high N. of cor.
From this point U.S.L.M.No.3 bears N25°02'W.16.53 chs.dist.
Cor.No.1 of the Sunset Lode, Survey No:2118 "A" bears
N37°33'W.12.43 chs.dist.
A spring bears N19°45'W.20.75 chs.dist.
Ascend 14 ft. over E.slope
42.29 Top of spur slopes S.
Descend 180 ft. over W. slope.
48.16 Wash 8 lks. wide 4 ft. deep, course S5°E.
Ascend 159 ft. over E. slope
53.74 Top of spur, slopes S5°E.
Descend 111 ft. over broken stony SW. slope
72.37 Wash 6 lks. wide 1 ft. deep, course S5°E.
Ascend 176 ft. over E. slope to
80.01 The cor. of secs.5,6,7, and 8.
Land, hilly and broken.
Soil, sandy and stony 4 th. rate.
Timber, none.
Undergrowth, scattering blackbrush and sage.

40.00 N 89°51'W. on a random line bet. secs.6 and 7.
Set temp. $\frac{1}{4}$ sec. cor.
79.14 Intersect the First Guide Meridian East 8 lks. N.of the
cor. of secs.1,6,7, and 12, hereinbefore described.
Thence
S 89°54'E. on true line bet. secs.6 and 7.
Over level sandy land, through scattering sage and black
brush undergrowth.
2.64 Right bank of wash bears NE. and SW.
Descend 15 ft. over SE. slope
5.49 Wash 5 lks. wide 2 ft. deep, course S55°W.
Ascend 20 ft. over NW. slope
14.64 Top of ascent; enter rolling prairie land bears NE. and SW.
20.64 Road from upper pools to lower pools, bears N. and S.
22.74 Wash 6 lks. wide 2 ft. deep, course SW.; Asc.10 ft.
29.64 Top of spur slopes S10°W.; Descend over rolling E.slope
38.00 Pipe line, bears N10°W. and S.10°E.
39.14 Set an iron post 3 ft. long, 1 in. in diam.28 ins. in
the ground for $\frac{1}{4}$ sec. cor. marked on brass cap

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

1926

41.86 Dig pits 18x18x12 ins. E. and W. of post 3 ft. dist.
43.46 Wash 14 lks. wide 2 ft. deep, course S20°W.
Road to upper pools bears N5°W. and S15°E.
Ascend 210 ft. over W. slope
74.44 Top of rocky spur slopes N5°W.; Continue ascent over NW.
slope 14 ft. to
79.14 The cor. of secs.5,6,7, and 8.
Land, rolling and broken.
Soil, sandy 4 th. rate.
Timber, none.
Undergrowth, blackbrush and scattering sage.

Subdivision of T 38 N., R 5 E.

Chains

- N 0°02'W. on a random line bet. secs. 5 and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.24 Intersect N. bdy. of Tp. 16 lks. E. of the cor. of secs. 5, 6, 31, and 32 hereinbefore described.
- Thence
 S 0°09'E. on true line bet. secs. 5 and 6.
 Descend 7 ft. over S. slope over broken stony land, through sage and blackbrush undergrowth.
 .61 Wash 6 lks. wide 2 ft. deep, course S45°W.
 Ascend 37 ft. over NW slope
 2.19 Top of spur slopes S:80°W.
 Descend 213 ft. over rocky SE. slope
 26.00 Intersect line 2-3 of the Sunset Millsite, Survey No. 2118
 "B" 4.32 chs. N66°30'W. of cor. No. 2 and 2.15 chs.
 S66°30'E. of cor. No. 3 of said claim.
 The bearing and length of line 1-2 of the Sunset Millsite are N23°34'E. 7.80 chs.
 29.53 Wash 8 lks. wide 3 ft. deep, course S75°W.
 Ascend 150 ft. over NW. slope.
 34.52 Intersect line 1-4 of the Sunset Millsite, Survey No. 2118
 "B" 90 lks. N66°30'W. of cor. No. 1 and 5.47 chs.
 S66°30'E. of cor. No. 4 of said claim.
 The bearing and length of line 3-4 of the Sunset Millsite are S22°50'W., 7.80 chs.
 40.24 Set an iron post 3 ft. long, 1 in. in diam. 12 ins. in the ground to bedrock.; deposit a lime stone 12x10x6 ins. marked with a cross (x) alongside and raise a mound of stone $3\frac{1}{2}$ ft. base 2 ft. high around post for $\frac{1}{4}$ sec. cor., marked on brass cap
- $\frac{1}{4}$
 S 6 | S 5
 |
 1926
- From this point a small stone dam bears N2°38'E. 10.88 chs dist.
- 41.70 Top of rocky spur slopes W.
 Descend 85 ft. over S. slope
 48.63 Wash 5 lks. wide 2 ft. deep course S40°W.
 Ascend 104 ft. over NW. slope
 60.24 Top of rocky spur slopes S80°W.
 Descend 237 ft. over rocky SE. slope.
 73.86 Wash 3 lks. wide 1 ft. deep, course S75°W.
 Ascend 116 ft. over NE. slope to
 80.24 The cor. of secs. 5, 6, 7, and 8.
 Land, broken and hilly.
 Soil, sandy and stony 4 th. rate.
 Timber, none.
 Undergrowth, sage and black brush.

Subdivision of T 38 N., R 5 E.

FINAL TEST OF INSTRUMENTS.

The continued satisfactory adjustment of the instruments employed in the survey of T38N.,R5E. is evidenced, as shown by the preliminary tests, in Book "I" of this group, preceding the surveys in T39N.,R6E.

Boundaries of Township 38 North., Range 5 East.

Latitudes, Departures, and Closing Errors.

| Line Designated | True Course | Dist. | Latitudes | | Departures | |
|---------------------------------------|-------------|--------|-----------|--------|------------|--------|
| | | | N. | S. | E. | W. |
| | | Chs. | Chs. | Chs. | Chs. | Chs. |
| South Boundary | West | 479.46 | | | | 479.46 |
| West Boundary, (1st. Guide Mer. E) | North | 480.00 | 480.00 | | | |
| North Boundary | S89°57'E | 478.92 | | .42 | 478.92 | |
| East Boundary | South | 480.00 | | 480.00 | | |
| Convergency | | | | | .54 | |
| <u>Totals-----</u> | | | 480.00 | 480.42 | 479.46 | 479.46 |
| | | | | 480.00 | | 479.46 |
| <u>Error in latitude-----</u> | | | | 0.42 | | 0.00 |
| <u>Error in departure-----</u> | | | | | | 0.00 |

GENERAL DESCRIPTION

This township embraces every variety of land from level prairies to rough mountains and the soil ranges 2nd. to 4th. rate.

Extending into the township from the north is a nearly level sandy plateau terminated by an irregular and almost unbroken sandstone rim rock or wall several hundred feet high known as the "Vermillion Cliffs" which enter the township near the $\frac{1}{4}$ sec. cor. of secs. 5 and 32 and leave it near the cor. of Ts. 38 and 39 N., Rs. 5 and 6 E.; The land on this plateau is at the greatest elevation in the township, the slope being in a southerly and southeasterly direction towards the Colorado river

The township is drained by numerous washes which head in the rugged broken country at the foot of the Vermillion Cliffs and flow in a southeasterly direction through the township into the Colorado River.

The township is watered by three springs, one in the NE $\frac{1}{4}$ sec. 6, one in the SW $\frac{1}{4}$ sec. 5, and one in the NE $\frac{1}{4}$ sec. 8 and by water piped from a spring in T39N., R5E to storage pools formed in secs. 6 and 29

The high plateau in the northern part of the township is covered with a heavy growth of pinion and cedar timber, while over the remainder of the township no timber is found.

Mining operations have been carried on to some extent in secs 5 and 8 where copper ore was found but as yet no paying ore bodies have been discovered.

There is one settler residing in sec. 32.

The greater portion of the township is covered with a fair growth of nutritious grasses which affords excellent pasture for cattle and horses

Owing to the fact that the soil over the larger part of the township is very shallow and underlaid with either limestone or other impervious formation, agriculture can not be successfully carried on.

4-680

FIELD ASSISTANTS.
TO

William E Hiester, U.S. Surveyor and David M Daugherty, U.S. Transitman.

| NAMES. | CAPACITY. |
|-------------------|-----------------|
| Clifford E Way | First chainman |
| Clyde Cowper | First Chainman |
| Harold Hawkins | Second Chainman |
| Chester A Stewart | Second Chainman |
| Owen Wright | Flagman |
| Carl S Perkins | Flagman |
| Athole Judd | Cornerman |
| Milo Stansworth | Cornerman |
| Bert Wells | Axman |
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CERTIFICATE OF UNITED STATES SURVEYORS.

We, William E. Hiester, U.S. Surveyor and David M. Daugherty, U.S. Transitman hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 126, Arizona

bearing date of the fourth day of January 1924, we have well, faithfully, and truly in our own proper persons, 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 First Guide Meridian East, in Township 38 North, the SOUTH boundary, and the EAST boundary, NORTH boundary and SUBDIVISION lines of

Township 38 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 us, and under our 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, for Group 126, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Place: Phoenix, Arizona

Date: November 17, 1926

Place: Carlsbad New Mexico

Date: February 12, 1927.

William E. Hiester

U. S. Surveyor.

David M. Daugherty

U.S. Transitman.

APPROVAL.

OFFICE OF THE U.S. SUPERVISOR OF SURVEYS,

Denver, Colo., April 29, 1927.

The foregoing field notes of the survey of the First Guide Meridian East thru Township 38 North, the SOUTH boundary, EAST boundary, North boundary and SUBDIVISION lines of

Township 38 North, Range 5 East

of the Gila and Salt River Base and Meridian

in the State of Arizona

executed by William E. Hiester, U.S. Surveyor and David M. Daugherty, U.S. Transitman under special instructions dated January 4, 1924 for Group 126, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

David M. 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.