

2969

Book "D."

4-679

BOOK 2969

FIELD NOTES

OF THE SURVEY OF THE

North boundary, and the

Subdivision Lines, and

Retracement and Resurvey of

Part of the East boundary of

TOWNSHIP 12 SOUTH, RANGE 25 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Thomas B. Matthews,

In the capacity of U. S. Surveyor, under instructions dated August 21, 1914, issued by the United States Surveyor General to govern surveys included in Group No. 35, which were approved by the Commissioner of the General Land Office, September 2, 1914.

Retracement,
Resurvey & Survey commenced May 15, 1915.
Retracement,
Resurvey & Survey completed June 2, 1915.

2969

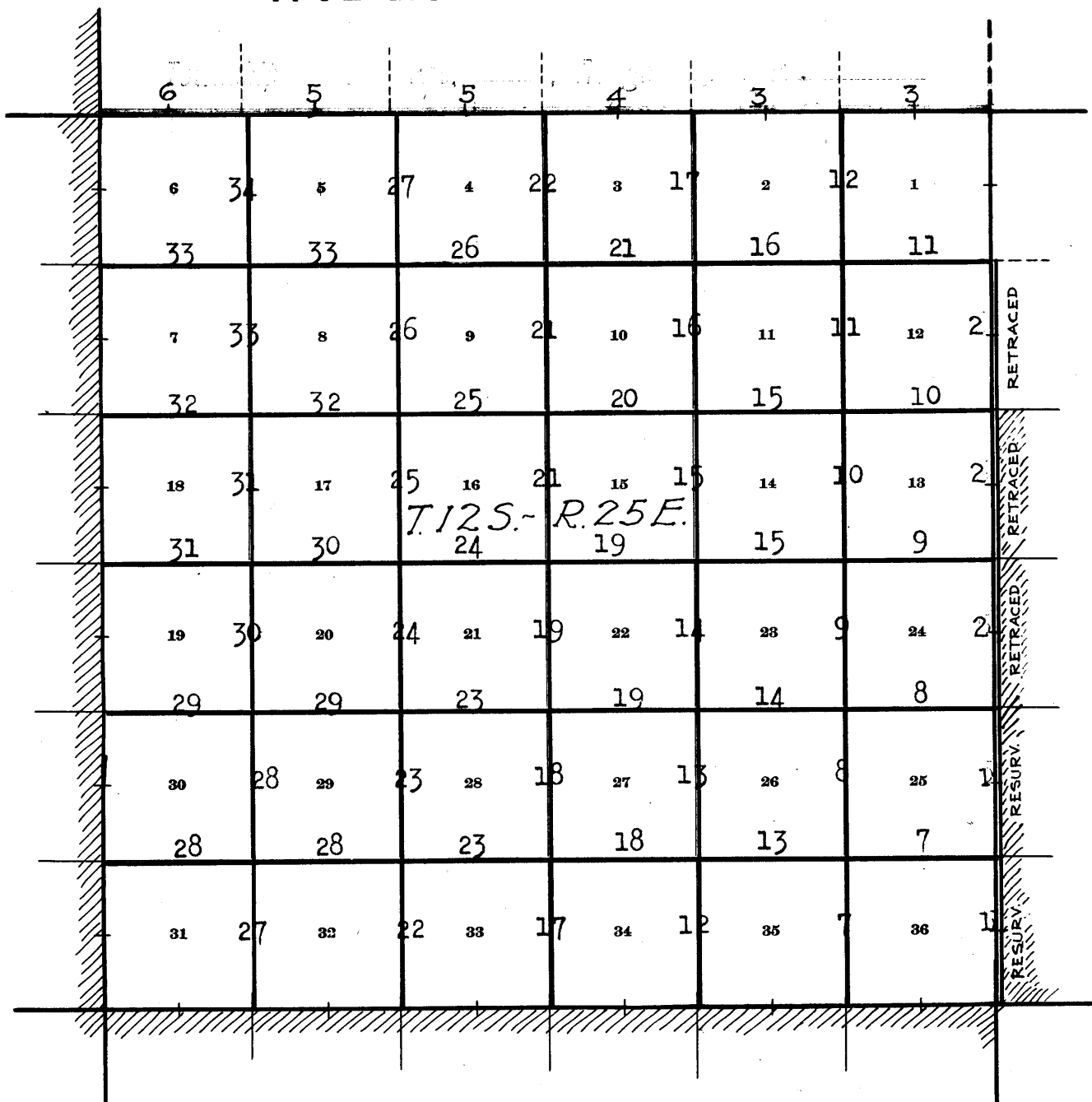
2969

1A

Book "D." 2969
Group 35 - Arizona.

BOOK 2969

INDEX DIAGRAM.



- Subdivision lines surveyed under this group.
- Township boundaries surveyed under this group.
- ==== Township boundaries ^{retraced or} resurveyed under this group.
- Accepted surveys.
- Unsurveyed.

//// Area subdivided as per accepted plats on file

- DATE - DIAGRAM -

BOOK 2969

Book "D" Group 35 - Arizona.

TOWNSHIP 12 SOUTH - RANGE 25 EAST

	May 31-1915	May 31-1915	May 31-1915	May 31-1915	May 31-1915	May 31-1915
	6 June 2-1915	5 June 1-1915	4 May 29-1915	3 May 28-1915	2 May 18-1915	1 May 28-1915
	7 June 1-1915	8 June 1-1915	9 May 29-1915	10 May 28-1915	11 May 20-1915	12 May 18-1915
	18 May 27-1915	17 May 29-1915	16 May 22-1915	15 May 21-1915	14 May 21-1915	13 May 17-1915
	19 May 27-1915	20 May 27-1915	21 May 22-1915	22 May 21-1915	23 May 20-1915	24 May 17-1915
	30 May 26-1915	29 May 27-1915	28 May 22-1915	27 May 21-1915	26 May 20-1915	25 May 17-1915
	31 May 26-1915	32 May 22-1915	33 May 21-1915	34 May 20-1915	35 May 17-1915	36 May 15-1915

Resurvey and Retracement of portion of E. bdy. of T. 12 S., R. 25 E. 1C

Chains.

Resurvey and retracement executed with a Young & Son's light mountain transit No. 8586, described in Book "A". From recent and repeated field tests of the transit and solar attachment on a meridian established by observations on Polaris, I know them to be in satisfactory adjustment.

RESURVEY.

- From the reestablished cor. of T. 12 & 13 S., R. 25 & 26 E. a 3 in. iron post, with brass cap, mkd. & witnessed as described by the Surveyor General.
- 10.63 North, on a true line, bet. secs. 31 and 36. (South half).
Over gently rolling land.
Wire fence brs. SE. and NW.
South boundary of S.P.R.R. right-of-way.
Descend 18 ft. to
- 23.99 S.P.R.R. line, brs. E. and W.
- 25.44 Wire fence brs. E and W.
North boundary of S.P.R.R. right-of-way.
- 25.84 Wagon road brs. E. and W.
- 39.96 Intersect the original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is a granite stone, 6x8x18 ins. loosely set, marked as described by the Surveyor General. Pits and mound obliterated. Reestablish this $\frac{1}{4}$ sec. cor. as follows:
Reset stone 12 ins. in the ground, and dig pits 18x18x12 ins. N. and S. of cor. $\frac{3}{4}$ ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Thence
- 27.76 N. $0^{\circ}3'W$. on a true line, bet. secs. 31 and 36 (North half).
Wagon road brs. E. and W.
- 40.00 Intersect the original cor. of secs. 25, 30, 31 and 36, which is a granite stone, 8x8x3 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
Land, gently rolling.
Soil, gravelly loam.
No timber.
No undergrowth.
Scattering short grass.
-
- 39.99 North, on a true line, bet. secs. 25 and 30.
Over gently rolling land.
(Proportional dist.) Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished $\frac{1}{4}$ sec. cor., marked on brass cap,
 $\frac{1}{4}$ S25 S30
1915
dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3 ft. base, $1\frac{1}{2}$ ft high, W. of cor.
Thence continue measurement,
North, on a true line, bet. secs. 25 and 30 (North half).
- 42.59 Wire fence brs. NW. and SE. Ascend 68 ft. to
- 72.43 Ridge, brs. SE. and NW.
Thence over rolling land.
- 79.98 Intersect the original cor. of secs. 19, 24, 25 and 30, which is a granite stone, 10x10x4 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
Land, low rolling hills.
Soil, gravelly.
No timber.
No undergrowth.
Short grass.

2. Retracement of portion of East bdy. of Township 12 S. R. 25 E.

Chains.	
	N. 0° 1' W., on a true line, bet. secs. 19 and 24. Over rolling land.
21.79	Wire fence brs. SW. and NE.
30.00	Wash, 2 chs. wide, course SE.
40.00	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a granite stone, 8x4x3 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
56.40	Ridge, NW. and SE.
63.50	Draw, course SE.
68.00	Ridge, NW. and SE.
78.15	Wash, 10 lks. wide, 2 ft. deep, course SE.
80.06	Intersect the original cor. of secs. 13, 18, 19 and 24, which is a malpais stone, 8x6x10 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
	Land, gently rolling. Soil, gravelly loam. No timber. No undergrowth. Short grass.

	North, on a true line, bet. secs. 13 and 18. Over gently rolling land.
25.00	Draw, 2 chs. wide, course SE. Ascend 69 ft. to
40.00	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is a granite stone, 12x12x8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
	Thence continue measurement, North, on a true line, bet. secs. 13 and 18 (North half). Descend 81 ft. to
64.94	Wash, 2 chs. wide, course SE. Ascend 92 ft. to
74.83	Ridge, brs. NW. and SE. slopes SE. Descend 34 ft. to
79.89	Intersect the original cor. of secs. 7, 12, 13 and 18, which is a granite stone, 8x8x8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
	Land, gently rolling. Soil, gravelly. No timber. No undergrowth. Scattering short grass.

	N. 0° 2' W. on a true line, bet. secs. 7 and 12. Over gently rolling land. Ascend gradual slope to
7.60	Ridge brs. NW. and SE. slopes SE. Descend gradual slope to
13.00	Wash, 40 lks. wide, course SE. Ascend 86 ft. to
29.02	Ridge, brs. NW. and SE. slopes SE. Descend gradual slope to
39.97	Intersect the original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is a granite stone 8x8x8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.
	Thence N. 0° 1' W. on a true line, bet. secs. 7 and 12 (North half). Small spring brs. E. 4 chs. dist.
20.00	Wash, 40 lks. wide, 3 ft. deep, course SE.
21.50	Finaleno Creek (dry) 2 chs. wide, course SSE.; thence up same.
34.89	Intersect original W. C. to cor. of secs. 1, 6, 7 and 12, which is a granite stone, 10x10x8 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General. This witness cor. being 10.00 chs. N. of true point for cor., the true length of N. $\frac{1}{2}$ bet. secs. 7 and 12 is therefore 40.10 chs.
50.10	
	Land, gently rolling. Soil, gravelly. No timber. Undergrowth, scattering mesquite. Short grass.

Survey of North boundary of Township 12 South, Range 25 East. 3.

Chains.

Survey executed with a Young and Son's light mountain transit No. 8586, with solar attachment. For description of instrument and certificate of approval, see Book "A." Knowing from recent and repeated field tests of this instrument on a meridian established by observations on Polaris, that it is in satisfactory adjustment, I proceed as follows:

From the original cor. of Ts. 11 and 12 S., Rs. 25 and 26 E., which is a granite stone, 12x10x6 ins. above ground, firmly set, marked and witnessed as described by the Surveyor General.

Thence N. 89° 54' W. on a random line, along N. bdy. of Tp., setting temp. 1/4 sec. and sec. cors. at intervals of 40.00 chs., and at 476.46 chs., intersect W. bdy. of Tp., 28 lks. S. of cor. of Ts. 11 and 12 S., Rs. 24 and 25 E., which is an iron post, 3 ins. diam., properly set, marked and witnessed as described by the Surveyor General (reestablished by me in September, 1913 under Group 25). This falling gives a true course for this Tp. bdy. N. 89° 52' W.

From the original cor. of Ts. 11 and 12 S., Rs. 25 and 26 E., N. 89° 52' W., on a true line, bet. secs. 1 and 36. Over rolling, mountainous land.

- 2.86 Descend W slope, 34 ft. to Wash, 25 lks. wide, 2 ft. deep, course SE. Ascend E. slope, 130 ft. to
 - 17.23 Rocky ridge, brs. NW. and SE. Descend W. slope, 145 ft. to
 - 35.16 Wash, 20 lks. wide, 3 ft. deep, course S. Ascend E. slope 50 ft. to
 - 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,
- | | | |
|-------|---|------|
| 1/4 | S | 36 |
| | S | 1 |
| <hr/> | | |
| | | 1915 |

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

- 50.40 Descend W. slope, 35 ft. to Wash, 10 lks. wide, 1 ft. deep, course SE. Ascend SE. slope, 70 ft. to
 - 66.45 Ridge, brs. N. and S. Descend 60 ft. to
 - 70.15 Wash, 10 lks. wide, 1 ft. deep, course SW. Ascend 30 ft. to
 - 76.10 Spur slopes SW. Descend 40 ft. to
 - 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground for cor. of secs. 1, 2, 35 and 36, marked on brass cap,
- | | |
|-------|------|
| T11S | R25E |
| S35 | S36 |
| S 2 | S 1 |
| <hr/> | |
| T12S | |
| 1915 | |

and raise a mound of stone 3 ft. base, 2 1/2 ft. high, W. of cor.

Land, mountainous.
Soil, thin and rocky.
No timber.
No undergrowth.
Short grass.

N. 89° 52' W., on a true line, bet. secs. 2 and 35. Over rolling land.

- 3.90 Wagon road brs. N. and S.
- 8.50 Shallow wash, 20 lks. wide, course SW. Ascend E. slope, 110 ft. to
- 27.00 Ridge, brs. N. and S. Descend W. slopes, 80 ft. to
- 32.64 Wash, 15 lks. wide, 1 ft. deep, course SW. Ascend 80 ft. to
- 40.00 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for 1/4 sec. cor., marked on brass cap,

North boundary of Township 12 South, Range 25 East.

Chains.

$$\frac{1}{4} \frac{S 35}{S 2}$$

1915

and raise a mound of stone, 2½ ft. high, 2 ft. base, N. of cor.

- 47.20 Spur, slopes S. Descend SW. slope, 180 ft. to
 67.00 Wash, 70 lks. wide, 10 ft. deep, course S. Ascend SE. slope
 80 ft. to
 80.00 Set an iron post 3 ft. long, 3 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 2, 3, 34 and 35, marked on
 brass cap,

$$\begin{array}{c} T11S R25E \\ S34 | S35 \\ \hline S 3 | S 2 \\ T 12S \\ 1915 \end{array}$$

and raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

Land, gently rolling.
 Soil, thin and rocky.
 No timber.
 No undergrowth.
 Short grass.

N. 89° 52' W., on a true line, bet. secs. 3 and 34.
 Over rolling land. Ascend 35 ft. to

- 12.13 Spur, slopes S. Descend SW. slope, 76 ft. to
 24.45 Wash, 15 lks. wide, 2 ft. deep, course SW. Ascend SE.
 slope, 120 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in
 the ground for ¼ sec. cor., marked on brass cap,

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

1915

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

- 44.40 Ascend gradual slope to
 Ridge, brs. NE. and SW. Descend W. slope, 160 ft. to
 59.28 Wash, 70 lks. wide, 5 ft. deep, course S. Ascend SE. slope
 40 ft. to
 80.00 Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in
 the ground, for cor. of secs. 3, 4, 33 and 34, marked on
 brass cap,

$$\begin{array}{c} T11S R25E \\ S33 | S34 \\ \hline S 4 | S 3 \\ T12S \\ 1915 \end{array}$$

and raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

Land, rolling.
 Soil, thin and rocky.
 No timber.
 No undergrowth.
 Short grass.

From my resurvey of S. 5 miles of the E. bdy. of this Tp., and
 my survey of the greater part of the Subdivision lines
 I know that closing cors. will be required against
 this line for secs. 4 and 5 and secs. 5 and 6; therefore
 in my survey of the remainder of this Tp. bdy. I establish
 the ¼ sec. and sec. cors. to refer to secs. in T. 11 S., R.
 25 E. only, as hereinafter described.

North boundary of Township 12 South Range 25 East 5.

Chains.

N.89°52'W. on S.bdy.of sec.33,T.11 S.,R.25 E.
 Over rolling land. Descend 32 ft.to
 4.00 Wash 15 lks.wide, 2 ft. deep, course SE. Ascend E.slope,
 50 ft.to
 13.74 Ridge, brs.NW.and SE.Descend W. slope, 100 ft.to
 33.94 Wash, 10 lks.wide, 1 ft. deep, course SW. Thence over level
 prairie land, through scattering undergrowth.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec.cor.to sec.33 only,marked on brass
 cap,

$\frac{1}{4}$ S 33
 1915

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

51.40 Wire fence brs. NW. and SE.
 53.60 Wash, 10 lks.wide, 3 ft. deep, course SW.
 75.00 Wash, 50 lks.wide, 3 ft. deep, course SE.
 80.00 Set an iron post 3 ft.long, 3 ins. in diam., 24 ins. in
 the ground, for cor.of secs. 32 and 33, marked on brass
 cap,

T11S R25E
S32|S33
 T12S
 1915

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

Land,level and rolling.
 Soil, light, sandy loam, coarse texture,12 to 18 ins.deep.
 No timber.
 Undergrowth, scattering mesquite and catclaw,5 to 6 ft.
 high.
 Scattering short grass.

 N.89°52'W. on S.bdy. of sec. 32, T.11 S., R.25 E.
 Over level prairie land,through scattering undergrowth.
 40.00 Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec.cor.,to sec.32 only, marked on
 brass cap,

$\frac{1}{4}$ S 32
 1915

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

55.83 Wagon road brs.N.and S.
 80.00 Set an iron post, 3 ft.long, 3 ins. in diam., 24 ins. in
 the ground, for cor.of secs.31 and 32, marked on brass
 cap,

T11S R25E
S31|S32
 T12S
 1915

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

Land,level.
 Soil, light, sandy loam, medium texture,12 to 18 ins.deep,
 on clay subsoil.
 No timber.
 Undergrowth, mesquite and catclaw,4 to 7 ft.high.
 Good growth of grass.

6. North boundary of Township 12 South, Range 25 East

Chains.

40.00 N.89° 52' W., on S.bdy.of sec. 31, T. 11 S., R.25 E. Over level prairie land, through scattering undergrowth. Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground, for $\frac{1}{4}$ sec.cor. to sec.31 only, marked on brass cap.

1/4 S 31
1915

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

76.46 Wagon road brs.NE. and SW.
The reestablished cor.of Ts.11 and 12 S.,Rs. 24 and 25 E. hereinbefore described.
Land, level.
Soil, light, sandy loam, medium texture, 12 to 18 ins.deep on clay subsoil.
No timber.
Short grass.
Undergrowth, scattering mesquite and catclaw, 4 to 7 ft. high.

Boundaries of Township 12 South, Range 25 E.
Latitudes, departures and closing errors.

Line designated.	Bearing.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South bdy.	N.89°56'W.	159.84	.18			159.84
	N.89°44'W.	79.81	.39			79.81
	N.89°56'W.	199.50	.23			199.50
	N.89°50'W.	38.62	.11			38.62
West bdy.	North,	480.00	480.00			
North bdy.	S.89°52'E.	476.46		1.11	476.46	
East, bdy.	South	80.00		80.00		
	S.0°1'E.	40.10		40.10	.01	
	S.0°2'E.	39.97		39.97	.02	
	South,	79.89		79.89		
	S.0°1'E.	80.06		80.06	.02	
	South,	79.98		79.98		
	S.0°3'E.	40.00		40.00	.03	
	South,	39.96		39.96		
Convergency,					.45	
	Totals.		480.91	481.07	476.99	477.77
				480.91		476.99
	<u>Error in latitude.</u>			0.16		
	<u>Error in departure.</u>					0.78

Chains

Survey executed with a Young and Son's Light mountain transit No. 8586 with solar attachment described in book "A".

I examine the adjustments of the transit and find them to correct, then to test the solar attachment by comparing its indications resulting from observations made during a. m. and p. m. hours on a meridian determined by observations on Polaris, I proceed as follows:

May 15, 1915, at a point near camp in sec. 36, T.12 S., R. 25 E., at 10h. Om., a.m., l.m.t., I observe Polaris at Upper Culmination, in accordance with instructions in the manual of surveying.

May. 16, 1915, at 7h. 30m., a.m., l.m.t., I mark the mer. thus determined by a peg set firmly in the ground 5 chs. N. of my station.

At 8h., a.m., l.m.t., I set off 32° 20' N. on the lat. arc; 18° 57½' N. on the decl. arc; and determine a mer. with the solar. The mer. thus determined falls within less than 1' in azimuth of the mer. established by observations on Polaris.

At 4h., p.m., l.m.t., I set off 32° 20' N. on the lat. arc; 19° 02½' N. on the decl. arc; and determine a mer. with the solar. The mer. thus determined falls within 1' in azimuth of the mer. established by observations on Polaris. I therefore conclude that the adjustments of the transit and solar attachment are satisfactory.

From the cor. of secs. 1, 2, 35 and 36, which is an iron post 3 ins. diam., properly set, marked and witnessed, as described by the Surveyor General, (reestablished by me in May 1913, under Group 25). Thence N. 0° 1' W. bet. secs. 35 and 36.

40.00

Over level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

S35 | S36
1915

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

80.00

Set an iron post, 3 ft. long; 2 ins. diam., 24 ins. in the ground; for cor. of secs. 25, 26, 35 and 36, mkd. on brass cap

T12S R25E
S26 | S25
S35 | S36
1915

dig pits, 18 X 18 X 12 ins., in each sec. 5½ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, level.

Soil, gravelly loam.

No timber.

Undergrowth, scattering mesquite.

Fair growth of grass.

40.00

79.68

S. 89° 56' E. on a random line bet. secs. 25 and 36.

Set temp. ¼ sec. cor.

Intersect E. bdy. of Tp. at original cor. of secs. 25, 30, 31 and 36, hereinbefore described.

Thence

N. 89° 56' W. on a true line bet. secs. 25 and 36.

Over level land, through scattering undergrowth.

Chains
39.84

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

$\frac{1}{4}$ S25
S 36
1915

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

79.68

The cor. of secs. 25, 26, 35 and 36.
Land, level.
Soil, gravelly loam.
No timber.
Undergrowth, scattering mesquite.
Good growth of grass.

40.00

N. 0° 1' W. bet. secs. 25 and 26.
Over level land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S26 | S25
1915

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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, mkd. on brass cap

T12S R25E
S23 | S24
S26 | S25
1915

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

Land, level.
Soil, gravelly loam.
No timber.
Undergrowth, scattering mesquite.
Good growth of grass.

40.00

S. 89° 56' E. on a random line bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.

79.62

Intersect E. bdy. of Tp., 7 lks. S. of original cor. of secs. 19, 24, 25 and 30, heretofore described.

Thence

N. 89° 59' W. on a true line bet. secs. 24 and 25.

Over gently rolling land.

Asc. gradual slope, 40 ft. to low ridge.

10.40

Wire fence brs. NE. and SW.

14.70

Wash, 10 lks. wide, 3 ft. deep, course, S.

22.08

Low ridge brs. N. and S. Descend 35 ft. to

30.15

Wash, course, S. Ascend 45 ft. to

39.81

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

$\frac{1}{4}$ S24
S 25
1915

Subdivision of T. 12 S., R. 25 E.

Chains

79.62 dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. Ascend 25 ft. to The cor. of secs. 23, 24, 25 and 26. Land, gently rolling. Soil, gravelly. No timber. No undergrowth. Scattering grass.

40.00 N. 0° 1' W. bet. secs. 23 and 24. Over level land, through scattering undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S23 | S24
1915

80.00 dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of cor. Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, mkd. on brass cap

T12S R25E
S14 | S13
S23 | S24
1915

dig pits, 18 X 18 X 12 ins., in each sec. 5 1/2 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, level. Soil, gravelly loam. No timber. Undergrowth, scattering mesquite. Good growth grass.

40.00 S. 89° 59' E. on a random line bet. secs. 13 and 24. Set temp. 1/4 sec. cor. 79.56 Intersect E. bdy. of Tp., 12 lks. N. of ^{orig.} cor. of secs. 13, 18, 19 and 24, hereinbefore described.

Thence
N. 89° 54' W. on a true line bet. secs. 13 and 24. Over rolling land, through scattering undergrowth. Asc. 51 ft. to
7.93 Ridge brs. N. and S. Desc. 63 ft. to
15.25 Wash, 20 lks. wide, 3 ft. deep, course, SW. Asc. 61 ft. to
22.28 Ridge brs. N. and S. Desc. 29 ft. to
27.64 Wash, 40 lks. wide, course, SE. Asc. 48 ft. to
33.00 Ridge brs. N. and S. Desc. 34 ft. to
39.50 Wash, 100 lks. wide, 2 ft. deep, course S.
39.78 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

S13
S 24
1915

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

TO

Subdivision of T. 12 S., R. 25 E.

Chains

Asc. 69 ft. to
 52.00 Ridge brs. N. and S. Desc. 61 ft. to
 59.50 Wash, course, S. Asc. 15 ft. to
 67.00 Ridge brs. NE. and SW. slopes SW. Desc. 49 ft. to
 74.50 Wash, course, S. Ascend slightly to
 79.56 The cor. of secs. 13, 14, 23 and 24.

Land, rolling.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite.
 Good growth of grass.

40.00 N. 0° 1' W. bet. secs. 13 and 14.
 Over over rolling land, thru scattering undergrowth, Asc. gradually
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S14 | S13
 1915

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

43.48 Asc. 25 ft. to
 50.00 Low ridge slopes SW. Desc. 29 ft. to
 54.11 Asc. 75 ft. to
 72.59 Low ridge slopes SW. Asc. 23 ft. to
 80.00 Spur, slopes NW. Desc. 12 ft. to
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of secs. 11, 12, 13 and 14, mkd.
 on brass cap

T12S R25E
 S11 | S12
 S14 | S13
 1915

and raise a mound of stone, 3 ft. base, 2 ft. high,
 W. of cor.

Land, gently rolling.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite.
 Scattering grass.

40.00 S. 89° 54' E. on a random line bet. secs. 12 and 13.
 79.46 Set temp. $\frac{1}{4}$ sec. cor.
 Intersect E. bdy. of Tp., 26 lks. N. of original cor. of secs.
 7, 12, 13 and 18, hereinbefore described.

Thence

N. 89° 43' W. on a true line bet. secs. 12 and 13.
 Over rolling land, through scattering undergrowth.
 Asc. 52 ft. to
 5.00 Desc. 71 ft. to
 15.25 Low spur slopes SW. Desc. 18 ft. to
 19.64 Wash, 2 chs. wide, course, SE. Asc. 112 ft. to
 36.31 Ridge brs. N. and S. Desc. 34 ft. to
 39.73 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S12
 S13
 1915

Subdivision of T. 12 S., R. 25 E.

Chains

dig pits, 18 X 18 X 12ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor. Descend 25 ft. to

43.15 Wash, 15 lks. wide, 1 ft. deep, course, SE. Asc. 70 ft. to

51.85 Spur, slopes SE. Desc. gradual slope, 103 ft. to

64.95 Wash, 10 lks. wide, 2 ft. deep, course, SW. Asc. 32 ft. to

69.52 Spur, slopes S. Desc. 23 ft. to

74.51 Wash, course, SE. Asc. 41 ft. to

78.16 Spur slopes SE. Descend slightly to

79:46 The cor. of secs. 11, 12, 13 and 14.
Land, rolling.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Scattering grass.

N. 0° 1' W. bet. secs. 11 and 12.
Over rolling land, through scattering undergrowth. Asc. grad.

3.50 Spur, slopes SE. Descend 35 ft. to

10.00 Asc. 46 ft. to

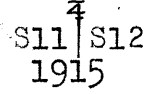
13.72 Spur ridge slopes W. Desc. 23 ft. to

20.00 Asc. 18 ft. to

23.90 Top of ascent. Thence over nearly level bench...

39.20 Gully, 30 lks. wide, 10 ft. deep, course, W.

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



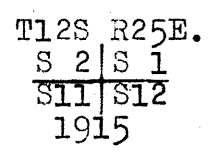
and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Asc. 104 ft. to

67.71 Top of spur, slopes W. Desc. 34 ft. to

71.89 Wash, 10 lks. wide, 3 ft. deep, course, SW. Asc. 55 ft. to

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



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

Land, rolling.
Soil, stony.
No timber.
Undergrowth, scattering mesquite and cat claw.
Scattering grass.

S. 89° 43' E. on a random line bet. secs. 1 and 12.
Set temp. 1/2 sec. cor. orig.

40.00 Intersect E. bdy. of Tp. 23 lks. S. of cor. of secs. 1, 6, 7 and 12, hereinbefore described.

79.80 Thence

N. 89° 53' W. on a true line bet. secs. 1 and 12.
Over rolling land, through scattering mesquite.

1.92 Dry bed of Pinaleno Creek, course SE.

8.92 Wash, 30 lks. wide, 5 ft. deep, course, SE. Asc. 158 ft. to

Chains
33.77
39.90

Ridge brs. N. and S. Desc. 85 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 1
S 12
1915

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

54.80
79.80

Thence over gently rolling land, to
Wash, 50 lks. wide, course, SE. Asc. 103 ft. to
The cor. of secs. 1, 2, 11 and 12.
Land, rolling.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Fair growth of grass.

40.00
79.65

N. $0^{\circ} 1'$ W. on a random line bet. secs. 1 and 2.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. bdy. of Tp. 40 lks. E. of cor. of secs. 1,
2, 35 and 36, hereinbefore described.

Thence
S. $0^{\circ} 18'$ E. on a true line bet. secs. 1 and 2.
Over rolling land, through scattering undergrowth.
Desc. gradual slope, 58 ft. to

39.65

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

$\frac{1}{4}$ S 2 | S 1
1915

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

68.16
79.65

Asc. gradual slope, 92 ft. to
Spur ridge slopes SW. Desc. 23 ft. to
The cor. of secs. 1, 2, 11 and 12.
Land, rolling.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Fair growth of grass.

From the cor. of secs. 2, 3, 34 and 35, on S. bdy. of Tp.
which, is an iron post, 3 ft. long, 3 ins. diam.,
properly set, mkd. and witnessed as described by the
Surveyor General (reestab. by me in May, 1913, under Gp. 25.)
N. $0^{\circ} 1'$ W. bet. secs. 34 and 35.

40.00

Over level land,
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

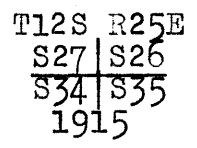
S 34 | S 35
1915

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

Subdivision of T. 12 S., R. 25 E.

Chains
80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, mkd. on brass cap



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

Land, level.
Soil, loose gravelly.
No timber.
No undergrowth.
Fair growth of grass.

40.00

S. 89° 56' E. on a random line bet. secs. 26 and 35. Set temp. 1/4 sec. cor.

79.92

Intersect N. and S. line, 3 lks. S. of cor. of secs. 25, 26, 35 and 36.

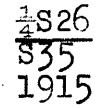
Thence

N. 89° 57' W. on a true line bet. secs. 26 and 35.

Over level land,

39.96

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



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

79.92

Desc. gradual slope, 46 ft. to the cor. of secs. 26, 27, 34 and 35.

Land, rolling and level.

Soil, gravelly.

No timber.

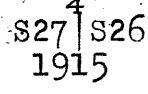
No undergrowth.

Fair growth of grass.

40.00

N. 0° 1' W. bet. secs. 26 and 27. Over gently rolling land.

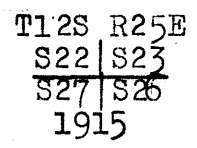
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, or 1/4 sec. cor., mkd. on brass cap



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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, mkd. on brass cap



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

Chains

Land, gently rolling.
Soil, gravelly.
No timber.
No undergrowth.
Scattering grass.

40.00 S. 89° 57' E. on a random line bet. secs. 23 and 26.
80.00 Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, at the cor. of secs. 23, 24, 25
and 26.

Thence
21.53 N. 89° 57' W. on a true line bet. secs. 23 and 26.
40.00 Over level land.
Wash, 2 lks. wide, course, S. Asc. 52 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S23
S 26
1915

45.00 and raise a mound of stone, 2 ft. base, 2 ft. high,
80.00 N. of cor. Ascend gradually to
Low ridge, brs. NE, and SW. Descend 70 ft. to
The cor. of secs. 22, 23, 26 and 27.
Land, rolling and level.
Soil, gravelly.
No timber.
No undergrowth.
Fair growth of grass.

25.00 N. 0° 1' W. bet. secs. 22 and 23.
40.00 Over level land.
Wash, course, SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S22 | S23
1915

59.99 and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high,
68.00 W. of cor.
80.00 Asc. gradual slope, 37 ft. to
Draw, course, SW. Asc. 25 ft. to
Top of ascent. Thence over nearly level land.
Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in
the ground, for cor. of secs. 14, 15, 22 and 23, mkd.
on brass cap

T12S R25E
S15 | S14
S22 | S23
1915

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high,
W. of cor.
Land, level and gently rolling.
Soil, gravelly.
No timber.
No undergrowth.
Scattering grass.

Subdivision of T. 12 S., R. 25 E.

Chains

S. 89° 57' E. on a random line bet. secs. 14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.87 Intersect N. and S. line, 30 lks. N. of cor. of secs. 13, 14, 23 and 24.
 Thence
 N. 89° 44' W. on a true line bet. secs. 14 and 23.
 Over rollingland. Ascend gradually.
 7.30 Top of low spur ridge slopes SW. Desc. 80 ft. to
 15.00 Asc. 46 ft. to spur ridge.
 30.00 NW. cor. of wire fence brs. S. 10 chs. dist.
 32.45 Spur ridge slopes SW. Desc. 69 ft.
 39.93 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S14
 $\frac{1}{4}$ S 23
 1915

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
 42.30 Wash, 2 lks. wide, course, SW. Asc. 80 ft. to
 55.00 Spur ridge slopes SW. Desc. 18 ft. to
 62.50 Gully course, SW Asc. 41 ft. to
 67.95 Spur ridge brs. NE. and SW. slopes SW. Descend 85 ft. to
 79.87 The cor. of secs. 14, 15, 22 and 23.
 Land, rolling.
 Soil, gravelly.
 No timber.
 No undergrowth.
 Scattering grass.

N. 0° 1' W. bet. secs. 14 and 15.
 Over rolling land, through scattering undergrowth.
 19.00 Wash, 20 lks. wide, 2 ft. deep, course, SW.
 Wagon road brs. NE. and SW.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S15 | S14
 1915

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, mkd. on brass cap

T12S R25E
 S10 | S11
 S15 | S14
 1915

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.
 Land, gently rolling.
 Soil, gravelly.
 No timber.
 Scattering mesquite.
 Fair growth of grass.

S. 89° 44' E. on a random line bet. secs. 11 and 14.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect N. and S. line, 35 lks. S. of cor. of secs. 11, 12, 13 and 14.
 Thence
 N. 89° 59' W. on a true line bet. secs. 11 and 14.

Chains

Over gently rolling land, through scattering mesquite.
 Desc. 74 ft. to
 11.00 Wash, 15 lks. wide, 2 ft. deep, course, SW.
 Asc. 60 ft. to
 22.00 Spur, slopes SW. Desc. 68 ft. to
 35.00 Draw, course, SW. Ascend slightly to
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S11
 S 14
 1915

and raise a mound of stone, 3 ft. base, 3 ft. high,
 N. of cor.
 Asc. 32 ft. to
 48.60 Spur, slopes SW. Asc. 28 ft. to
 58.30 Spur, slopes SW. Desc. 34 ft. to
 63.96 Wash, 1 ch. wide, 2 ft. deep, course, SW. Asc. 23 ft. to cor.

70.56 Road brs. N. and S.
 80.04 The cor. of secs. 10, 11, 14 and 15.
 Land, rolling.
 Soil, gravelly.
 No timber.
 Undergrowth, mesquite.
 Fair growth of grass.

N. 0° 1' W. bet. secs. 10 and 11.
 Over rolling land, through scattering undergrowth.
 19.80 Wash, course, SW. Asc. 29 ft. to
 29.98 Spur, slopes SW. Desc. 23 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
 S10 | S11
 1915

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high
 W. of cor.
 Thence asc. over low hills, 161 ft. to
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of secs. 2, 3, 10 and 11, mkd.
 on brass cap

T12S R25E
 S 3 | S 2
 S10 | S11
 1915

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling.
 Soil, gravelly, rocky.
 No timber.
 Undergrowth, scattering mesquite.
 Scattering grass.

40.00 S. 89° 59' E. on a random line bet. secs. 2 and 11.
 79.94 Set. temp. $\frac{1}{4}$ sec. cor.
 Intersect N. and S. line, at cor. of secs. 1, 2, 11 and
 12.
 Thence
 N. 89° 59' W. on a true line bet. secs. 2 and 11.
 Over rolling land, through scattering undergrowth.

Chains

3.94 Desc. 69 ft. to wash.
 5.56 Wagon road brs. N. and S.
 Wash, 10 lks. wide, 3 ft. deep, course, S. Asc. 40 ft.
 to
 10.13 Spur, slopes S. E. Desc. 121 ft. to
 25.00 Asc. 43 ft. to
 31.21 Wash, 10 lks. wide, course, SW. Asc. 46 ft. to
 36.77 Ridge brs. N. and S. Desc. 28 ft. to
 39.97 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 2
 S 11
 1915

and raise a mound of stone, 2; ft. base, 2 ft. high,
 N. of cor. Descend gradually to
 44.19 Wash, 20 lks. wide, course, SW. Asc. 85 ft. to
 53.73 Ridge brs. NW. and SE. Desc. 103 ft. to
 65.10 Wash, 25 lks. wide, 3 ft. deep, course, SE. Asc. 104 ft.
 to
 77.38 Ridge brs. N. and S. Descend 30 ft. to
 79.94 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite.
 Fair growth of grass.

40.00 N. 0° 1' W. on a random line bet. secs. 2 and 3
 Set temp. $\frac{1}{4}$ sec. cor.
 79.82 Intersect N. bdy. of Twp., 44 lks. E. of cor. of secs.
 2, 3, 34 and 35, hereinbefore described.
 Thence
 S. 08° 20' E. on a true line bet. secs. 2 and 3.
 Over rolling land, through scattering undergrowth.
 Desc. gradual slope, 29 ft. to
 36.32 Wash, 20 lks. wide, 1 ft. deep, course, SW. Asc. 18 ft. to
 39.82 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 3 $\frac{1}{4}$ S 2
 1915

and raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high,
 W. of cor.
 Asc. 63 ft. to
 45.66 Low spur, slopes SW. Descend 30 ft. to
 79.82 The cor. of secs. 2, 3, 10 and 11.
 Land, rolling.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite.

From the original cor. of secs. 3, 4, 33 and 34 on S-bdy. of
 Twp., a malpais stone 4x5x6 ins. above ground, marked and
 witnessed as described by the Surveyor General.
 N. 0° 2' W. bet. secs. 33 and 34.
 Over gently rolling land.
 Desc. 34 ft. to
 10.22 Gully, course, SE. Asc. 156 ft. to
 22.74 Ridge brs. NW. and SE. Desc. 144 ft. to
 33.81 Wash, course, NE. Asc. 116 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 33 $\frac{1}{4}$ S 34
 1915

Chains

and raise a mound of stone, 2 ft. base, 2 ft. high,
W. of cor.
Thence over level land.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 27, 28, 33 and 34, mkd.
on brass cap

T12S R25E
S28|S27
S33|S34
1915

and raise a mound of stone, 2½ ft. base, 2 ft. high,
W. of cor.
Land, rolling, and level.
Soil, gravelly.
No timber.
No undergrowth.
Scattering grass, good grazing.

40.00 S. 89° 44' E. on a random line bet. secs. 27 and 34.
Set temp. ¼ sec. cor.
79.88 Intersect N. and S. line, 7 lks. N. of cor. of secs. 26,
27, 34 and 35.

Thence
N. 89° 41' W. on a true line bet. secs. 27 and 34.
Over level land.
39.94 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for ¼ sec. cor., mkd. on brass cap

¼S27
S 34
1915

79.88 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
high, N. of cor.
The cor. of secs. 27, 28, 33 and 34.
Land, level.
Soil, gravelly.
No timber.
No undergrowth.
Good growth of grass.

40.00 N. 0° 2' W. bet. secs. 27 and 28.
Over level land.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for ¼ sec. cor., mkd. on brass cap

S28|S27
1915

80.00 dig pits, 18 X 18 X 12 ins. N. and S. of post, 3 ft.
dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
high, W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 21, 22, 27 and 28, mkd.
on brass cap

T12S R25E
S21|S22
S28|S27
1915

and raise a mound of stone, 2½ ft. base, 2 ft. high,
W. of cor.

Chains

Land, level.
Soil, gravelly.
No timber.
No undergrowth.
Fair growth of grass.

40.00 S. 89° 41' E. on a random line bet. secs. 22 and 27.
Set temp. 1/4 sec. cor.
79.95 Intersect N. and S. line, 9 lks. S. of cor. of secs.
22, 23, 26 and 27.

Thence
39.971 N. 89° 45' W. on a true line bet. secs. 22 and 27.
Over level land.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S22
S 27
1915

79.95 and raise a mound of stone, 2 1/2 ft. base, 2 ft. high,
N. of cor.
The cor. of secs. 21, 22, 27 and 28.
Land, level.
Soil, gravelly.
No timber.
No undergrowth.
Fair growth of grass.

1.00 N. 0° 2' W. bet. secs. 21 and 22.
Over level land.
Dim wagon road brs. NE. and SW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for 1/4 sec. cor., mkd. on brass cap

S21 | S22
1915

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

80.00 Wash, course, SW.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 15, 16, 21 and 22, mkd.
on brass cap

T12S R25E
S16 | S15
S21 | S22
1915

and raise a mound of stone, 2 1/2 ft. base, 2 ft. high,
W. of cor.
Land, level and gently rolling.
Soil, gravelly.
No timber.
No undergrowth.
Fair growth of grass.

40.00 S. 89° 45' E. on a random line bet. secs. 15 and 22.
Set temp. 1/4 sec. cor.

Chains

79.95 Intersect N. and S. line, 5 lks. N. of cor. of secs. 14, 15, 22 and 23.

Thence

N. 89° 43' W. on a true line bet. secs. 15 and 22.

Over level land.

8.25 Wash, 20 lks. wide, course, SW.

18.45 Road brs. NE. and SW.

39.97 1/2 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1815

S 22

1915

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

65.00 Thence over rolling land. Ascend 23 ft. to

69.97 Ridge brs. NE. and SW. slopes SW. Desc. 29 ft. to

79.95 The cor. of secs. 15, 16, 21 and 22.

Land, level and gently rolling.

Soil, gravelly.

No timber.

No undergrowth.

Fair growth of grass.

N. 0° 2' W. bet. secs. 15 and 16.

Over gently rolling land.

30.20 Wash, 20 lks. wide, 2 ft. deep, course, SW.

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

S16 | S15

1915

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

75.95 Wash, 50 lks. wide, 6 ft. deep, course, SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, mkd. on brass cap

T12S R25E

S 9 | S10

S16 | S15

1915

and raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Land, gently rolling.

Soil, gravelly.

No timber.

No undergrowth.

Short grass.

40.00 S. 89° 43' E. on a random line bet. secs. 10 and 15.

79.97 Set temp. 1/4 sec. cor.

Intersect N. and S. line, at the cor. of secs. 10, 11, 14 and 15.

Thence

N. 89° 43' W. on a true line bet. secs. 10 and 15.

Over gently rolling land.

5.00 Wash, course, SW. Descend 34 ft. to

Chains
39.98¹/₂

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

¹/₄S10
S 15
1915

and raise a mound of stone, 2¹/₂ ft. base, 2 ft. high, N. of cor.

77.60
79.97

Wash, 50 lks. wide, 8 ft. deep, course, SW.
The cor. of secs. 9, 10, 15 and 16.

Land, gently rolling.
Soil, gravelly.
No timber.
No undergrowth.
Short grass.

40.00

N. 0° 2' W. bet. secs. 9 and 10.
Over gently rolling prairie land.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¹/₄ sec. cor., mkd. on brass cap

¹/₄
S9 | S10
1915

and raise a mound of stone, 2¹/₂ ft. base, 2 ft. high, W. of cor.

65.00
80.00

Draw, course, SW.
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, mkd. on brass cap

T12S R25E
S 4 | S 3
S9 | S10
1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, gently rolling.
Soil, gravelly.
No timber.
No undergrowth.
Fair growth of grass.

40.00
80.12

S. 89° 43' E. on a random line bet. secs. 3 and 10.
Set temp. ¹/₄ sec. cor.
Intersect N. and S. line, at cor. of secs. 2, 3, 10 and 11.

Thence
N. 89° 43' W. on a true line bet. secs. 3 and 10.
Over gently rolling land., through scattering mesquite.
Desc. 85 ft. to

13.19
18.55
33.37
40.06

Wash, 10 lks. wide, course, SW. Asc. 42 ft. to
Spur, ridge slopes SW. Desc. 60 ft. to
Wash, 10 lks. wide, 1 ft. deep, course, SW. Asc. 46 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¹/₄ sec. cor., mkd. on brass cap

¹/₄S 3
S 10
1915

Chains

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

52.07
58.62
80.12

Asc. gradual slope to
Low spur, slopes SW. Descend 21 ft. to
Draw, course, SW. Ascend 34 ft. to
The cor. of secs. 3, 4, 9 and 10.
Land, rolling.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Fair growth of grass.

40.00
79.67

N. 0° 2' W. on a random line bet. secs. 3 and 4.
Set temp. 1/4 sec. cor.
Intersect N. bdy. of Tp., 31 lks. E. of cor. of secs. 3, 4, 33 and 34, hereinbefore described.

10.69
17.24
24.67

Thence
S. 0° 15' E. on a true line bet. secs. 3 and 4.
Over gently rolling land.
Wash, 40 lks. wide, course, SW.
Wire fence brs. NE. and SW. Asc. gradual slope, 29 ft. to
Spur, slopes SW.
Cook and Duncan's ranch house brs. W. 5 chs. dist.
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

39.67

S 4 1/4 S 3
1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

54.67
61.82
79.67

Draw, course, SW.
Wire fence brs. NE. and SW.
The cor. of secs. 3, 4, 9 and 10.
Land, gently rolling.
Soil, gravelly.
No timber.
No undergrowth.
Fair growth of grass.

From the cor. of secs. 4, 5, 32 and 33 on S. bdy. of Tp., which is an iron post 3 ins. in diam., with brass cap, marked and witnessed as described by the Sur. General, (reestablished by me in May, 1913, under Group 25).

28.30
40.00

N. 0° 2' W. bet. secs. 32 & 33. Over level land, thru scattering mesquite
Wash, 40 lks. wide, 6 ft. deep, course, SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S 32 1/4 S 33
1915

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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, mkd. on brass cap

T12S R25E
S 29 1/4 S 28
S 32 1/4 S 33
1915

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

Subdivision of T. 12 S., R. 25 E.

Chains

Land, level.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Fair growth of grass.

40.00

S. 89° 56' E. on a randomline bet. secs. 28 and 33.
Set temp. $\frac{1}{4}$ sec. cor.

79.71

Intersect N. and S. line, 12 lks. S. of cor. of secs.
27, 28, 33 and 34.

Thence

39.85 $\frac{1}{2}$

S. 89° 59' W. on a true line bet. secs. 28 and 33.
Over level land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S28
S 33
1915

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

58.71

Road brs. N. and S.

63.00

Wash, 40 lks. wide, 8 ft. deep, course, SW.

79.71

The cor. of secs. 28, 29, 32 and 33.

Land, level.

Soil, gravelly.

No timber.

Undergrowth, scattering yucca.

Fair growth of grass.

40.00

N. 0° 2' W. bet. secs. 28 and 29.
Over level land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S29 | S28
1915

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

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in
the ground, for cor. of secs. 20, 21, 28 and 29, mkd.
on brass cap

T12S R25E
S20 | S21
S29 | S28
1915

and raise a mound of stone, 3 ft. base, 2 ft. high,
W. of cor.

Land, level.

Soil, gravelly.

No timber.

Undergrowth, scattering mesquite.

Scattering grass.

40.00

N. 89° 59' E. on a random line bet. secs. 21 and 28.
Set temp. $\frac{1}{4}$ sec. cor.

79.62

Intersect N. and S. line, 7 lks. S. of cor. of secs.
21, 22, 27 and 28.

Thence

Chains

S. 89° 56' W. on a true line bet. secs. 21 and 28.
Over gently rolling land, through scattering undergrowth.
.62 Dim road brs. NE. and SW.
39.81 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S21
S 28
1915

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
high, N. of cor.
44.62 From this cor. an old well brs. S. 20 $\frac{1}{2}$ ° W
Wash, 200 lks. wide, course, S. Asc. 52 ft. to
54.70 Ridge brs. N. and S. Desc. 63 ft. to
79.62 The cor. of secs. 20, 21, 28 and 29.
Land, gently rolling.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite and yucca.
Fair growth of grass.

N. 0° 2' W. bet. secs. 20 and 21.
Over rolling land, through scattering undergrowth.
26.50 Wash, 25 lks. wide, 5 ft. deep, course, SE. Asc. 74 ft.
to

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

S20 | S21
1915

and raise a mound of stone, 3 ft. base, 3 ft. high,
W. of cor.
Asc. 62 ft. to
43.57 Rocky hill brs. E. and W. Desc. 191 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 16, 17, 20 and 21, mkd.
on brass cap

T12S R25E
S17 | S16
S20 | S21
1915

and raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high,
W. of cor.
Land, rolling.
Soil, gravelly and rocky.
No timber.
Undergrowth, scattering mesquite and yucca.
Fair growth of grass.

N. 89° 56' E. on a random line bet. secs. 16 and 21.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
79.71 Intersect N. and S. line, 5 lks. N. of cor. of secs.
15, 16, 21 and 22.

Thence
S. 89° 58' W. on a true line bet. secs. 16 and 21.
Over level land,

Subdivision of T. 12 S., R. 25 E.

Chains
39.85 $\frac{1}{2}$

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

$\frac{1}{4}$ S16
S 21
1915

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

53.70
79.71

Wash, 1 ch. wide, course, SW.
The cor. of secs. 16, 17, 20 and 21
Land, level.
Soil, gravelly.
No timber.
No undergrowth.
Scattering grass.

N. 0° 2' W. bet. secs. 16 and 17.
Over level land, through scattering undergrowth.

18.00
40.00

Draw, course, SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, or $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$
S17 | S16
1915

and raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

65.00
80.00

Draw, course, SW.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, mkd. on brass cap

T12S R25E
S 8 | S 9
S17 | S16
1915

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

Land, level.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite and yucca.

N. 89° 58' E. on a random line bet secs. 9 and 16.

40.00
79.60

Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. and S. line, 12 lks. N. of cor. of secs. 9, 10, 15 and 16,

Thence
N. 89° 57' W. on a true line bet. secs. 9 and 16.
Over nearly level land, through scattering undergrowth

26.60
39.80

Draw, course, SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 9
S 16
1915

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

Chains

40.60 Draw, course, SW.
 79.60 The cor. of secs. 8, 9, 16 and 17.
 Land, level.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering yucca.
 Fair growth of grass.

40.00 N. 0° 2' W. bet. secs. 8 and 9.
 Over level land, through scattering undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 8 | S 9
 1915

and raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high,
 W. of cor. Wagon road brs. NE. and SW.
 46.00 Enter draw, course, SW.
 56.00 Leave draw, course, SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of secs. 4, 5, 8 and 9, mkd.
 on brass cap

T12S R25E
 S 5 | S 4
 S 8 | S 9
 1915

dig pits, 18 X 18 X 12 ins., in each sec. $5\frac{1}{2}$ ft.
 dist.; and raise a mound of earth, 4 ft. base, 2 ft.
 high, W. of cor.
 Land, level.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite and yucca.
 Good growth of grass.

40.00 S. 89° 57' E. on a random line bet. secs. 4 and 9.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.58 Intersect N. and S. line, 8 lks. S. of cor. of secs. 3,
 4, 9 and 10.

Thence
 West on a true line bet. secs. 4 and 9.
 Over level land, through scattering undergrowth.
 39.79 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 4
 S 9
 1915

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

42.08 Wash, course, SW.
 45.88 Road brs. NE. and SW.
 79.58 The cor. of secs. 4, 5, 8 and 9.
 Land, level.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite and cat claw.
 Scattering grass.

Chains

40.00
79.83

N. 0° 2' W. on a random line bet. secs. 4 and 5.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. bdy. of Tp. 77 lks. S. 89° 52' E. of cor. of secs. 32 and 33 hereinbefore described. At pt. of intersection I
Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground for closing cor. of secs. 4 and 5, marked on brass cap,

T11S R25E
S32 | S33

C | C
S 5 | S 4
T12S R25E
1915

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

Thence

24.83
39.83

S. 0° 2' E. on a true line bet. secs. 4 and 5.
Over level land, through scattering undergrowth.
Wash, 200 lks. wide, course, SE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 5 | S 4
1915

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

63.13
79.83

Wash, 30 lks. wide, 6 ft. deep, course, SW.
The cor. of secs. 4, 5, 8 and 9.
Land, level.
Soil, gravelly.
No timber.
Undergrowth, mesquite and cat claw.
Good growth of grass.

From cor. of secs. 5, 6, 31 & 32 on S bdy. of Tp., which is an iron post 3 ins. in diam., with brass cap, marked & witnessed as described by Surveyor General (reestablished by me in May 1913 under group 25).

25.00
40.00

N. 0° 3' W. bet. secs. 31 and 32.
Over rolling land, through scattering mesquite brush.
Draw, course, SW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S31 | S32
1915

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

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, mkd. on brass cap

T12 SR25E
S30 | S29
S31 | S32
1915

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

Land, level and gently rolling.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Fair growth of grass.

Chains

S. 89° 56' E. on a random line bet. secs. 29 and 32.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.90 Intersect N. and S. line, 2 lks. S. of cor. of secs.
 28, 29, 32 and 33.

Thence

N. 89° 57' W. on a true line bet. secs. 29 and 32.
 Over level land, through scattering undergrowth.

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

$$\begin{array}{r} \frac{1}{4}S29 \\ S \quad 32 \\ 1915 \end{array}$$

68.00 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Wash, course SE.
 79.90 The cor. of secs. 29, 30, 31 and 32.
 Land, level.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite.
 Short grass.

40.00 West on a random line bet. secs. 30 and 31.
 Set temp. $\frac{1}{4}$ sec. cor.

78.36 Intersect W. bdy. of Tp., 20 lks. S. of cor. of secs.
 25, 30, 31 and 36, which is an iron post, 3 ins. diam.,
 properly set, mkd. and witnessed as described by the
 Surveyor General, (reestablished by me in Sept. 1913, un-
 der Group 25). Thence

S. 89° 51' E. on a true line bet. secs. 30 and 31.
 Over mountainous land, through scattering timber.

28.83 Asc. 589 ft. to
 Top of "Circle I" hill brs. SE. and NW. Descend 198 ft. to
 38.36 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4}S30 \\ S \quad 31 \\ 1915 \end{array}$$

and raise a mound of stone, 3 ft. base, 3 ft. high,
 N. of cor.

63.36 Desc. 412 ft. to
 Change to level land.
 65.26 Wash, 50 lks. wide, 4 ft. deep, course, SE.
 78.36 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous, and level.
 Soil, gravelly on level and rocky on mountainous land,
 Timber, scattering small oak and cedar.
 No undergrowth.
 Scattering grass.

N. 0° 3' W. bet. secs. 29 and 30.

Over rolling & mountainous land, thru. scattering under-
 growth.

1.20 Wash, 20 lks. wide, 4 ft. deep, course, SE.
 15.00 Asc. S. face of hill, 108 ft. to
 24.86 Rocky point slopes E. Desc. 23 ft. to
 33.34 Wash, course, SE. Asc. 45 ft. to
 38.74 Rocky ridge brs. NE. and SW. Desc. gradual slope to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

Subdivision of T. 12 S., R. 25 E.

Chains

S30 | S29
1915

45.45
64.44
70.00
73.57
80.00

and raise a mound of stone, 2 1/2 ft. base, 2 ft. high,
W. of cor.
Desc. 34 ft. to
Wash, course, SE. Asc. 272 ft. to
Spur slopes SE. Descend 29 ft. to
Asc. 41 ft. to
Top of Circle I hill. Desc. gradual slope to cor.
Set an iron post, 3 ft. long, 2 ins diam., 24 ins. in
the ground, for cor. of secs. 19, 20, 29 and 30, mkd.
on brass cap

T12S R25E
S19 | S20
S30 | S29
1915

and raise a mound of stone, 3 ft. base, 3 ft. high,
W. of cor.
Land, rolling and mountainous.
Soil, rocky.
No timber.
Undergrowth, scattering mesquite, ocotillo and cat claw.
Scattering grass.

40.00
79.98

S. 89° 57' E, on a random line bet. secs. 20 and 29.
Set temp. 1/4 sec. cor.
Intersect N. and S; line, 11 lks. N. of cor. of secs.
20, 21, 28 and 29.

19.00
30.00
39.99

Thence
N. 89° 52' W. on a true line bet. secs. 20 and 29.
Over level land, through scattering undergrowth.
Draw, course, SE.
Thence over rolling land. Ascend 29 ft. to
Set an iron post, 3 ft. long, 1 in. in diam., 26 ins.
in the ground, for 1/4 sec. cor., mkd. on brass cap

S20
S29
1915

75.50
79.98

and raise a mound of stone, 3 ft. base, 3 ft. high,
N. of cor. Thence over mountainous land.
Asc. 335 ft. to
Top of "Circle I" hill. Descend 140 ft. to
The cor. of secs. 19, 20, 29 and 30.
Land, level, rolling and mountainous.
Soil, rocky.
No timber.
Undergrowth, scattering mesquite.
Scattering grass.

40.00
78.06

N. 89° 51' W. on a random line bet. secs. 19 and 30.
Set temp. 1/4 sec. cor.
Intersect W. bdy. of Tp. 5 lks. S. of cor. of secs.
19, 24, 25 and 30, which is an iron post, 3 fns. diam.,
properly set, mkd. and witnessed as described by
the Surveyor General (reestablished by me in Sept. 1913
under Group 25). Thence
S. 89° 49' E. on a true line bet. secs. 19 and 30.
Over level land, through scattering undergrowth.
Ascending gradually.

Chains

21.96 Road brs. NE. and SW.
 28.56 Road brs. NE. and SW.
 38.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S19
 S 30
 1915

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

58.65 Enter mountainous land. Ascend 127 ft. to

66.00 Rocky point. slopes N. Descend 16 ft. to

70.00 Asc. 153 ft. to

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

Land, level and mountainous.

Soil, rocky.

No timber.

Undergrowth, scattering mesquite.

Scattering short grass.

N. 0° 3' W. bet. secs. 19 and 20.

Over mountainous land, through scattering scattering undergrowth.

Desc. 395 ft. to

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

$\frac{1}{4}$ S19 | S20
 1915

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

65.00 Wash, 10 lks. wide, course, SW.

72.10 Road brs. NE. and SW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, mkd. on brass cap

T12S R25E
 S18 | S17
 S19 | S20
 1915

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

Land, mountainous and level.

Soil, gravelly and stony.

No timber.

Undergrowth, scattering mesquite.

Short grass.

40.00 S. 89° 52' E. on a random line bet. secs. 17 and 20.

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

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

Thence

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

Over level land, through scattering undergrowth.

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

Chains

$\frac{1}{4}$ S17
S 20
1915

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

50.00 Draw, course, SW.
77.00 Road brs. NE. and SW.
80.00 The cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Fair growth of grass.

N. $89^{\circ} 49'$ W. on a random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.
77.80 Intersect W. bdy. of Tp., 5 lks. N. of cor. of secs. 13,
18, 19 and 24, which is an iron post, 3 ins. diam.,
properly set, mkd. and witnessed as described by
the Surveyor General, (reestablished by me in September
1913, under Group 25). Thence

S. $89^{\circ} 51'$ E. on a true line bet. secs. 18 and 19.

Over level land, through scattering undergrowth.
37.80 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S18
S 19
1915

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

48.70 Road brs. NE. and SW.
77.80 The cor. of secs. 17, 18, 19 and 20.
Land, level.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Short grass.

N. $0^{\circ} 3'$ W. on a true line bet. secs. 17 and 18.

Over level land, through scattering undergrowth.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S18 | S17
1915

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

75.20 Wash, 15 lks. wide, 8 ft. deep, course, SW.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 7, 8, 17 and 18, mkd.
on brass cap

T12S R25E
S 7 | S 8
S18 | S17
1915

Chains

and raise a mound of stone, 2½ ft. base, 2 ft. high,
W. of cor.
Land, level.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Scattering grass.

40.00 S. 89° 52' E. on a random line bet. secs. 8 and 17.
Set temp. ¼ sec. cor.
80.00 Intersect N. and S. line, 7 lks. N. of cor. of secs. 8, 9,
16 and 17.

Thence
40.00 N. 89° 49' W. on a true line bet. secs. 8 and 17.
Over level land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for ¼ sec. cor., mkd. on brass cap

¼ S 8
S 17
1915

40.40 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
65.00 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
75.00 high, N. of cor.
80.00 Road brs. NE. and SW.
Enter draw, course, SW.
Leave same draw.
The cor. of secs. 7, 8, 17 and 18.
Land, level.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Fair growth of grass.

40.00 N. 89° 51' W. on a random line bet. secs. 7 and 18.
Set temp. ¼ sec. cor.
77.64 Intersect W. bdy. of Tp. 3 lks. S. of cor. of secs. 7,
12, 13 and 18, which is an iron post, 3 ins. diam.,
properly set, mkd. and witnessed as described by the
Surveyor General (reestablished by me in September,
1913, under Group 25). Thence

37.64 S. 89° 50' E. on a true line bet. secs. 7 and 18
Over level land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in
the ground, for ¼ sec. cor., mkd. on brass cap

¼ S 7
S 18
1915

55.64 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
61.64 dist.; and raise a mound of earth, 3½ ft. base, 1½ ft.
77.64 high, N. of cor.
Wash, 30 lks. wide, 10 ft. deep, course, SW.
Road brs. N. and S.
The cor. of secs. 7, 8, 17 and 18.
Land, level.
Soil, gravelly.
No timber.
Undergrowth, scattering mesquite.
Scattering short grass.

Subdivision of T. 12 S., R. 25 E.

Chains

N. 0° 3' W. bet. secs. 7 and 8.
 Over level land, through scattering undergrowth.
 20.30 Road brs. NE. and SW.
 28.00 Wash, 10 lks. wide, 4 ft. deep, course, SW.
 31.05 Road brs. NW. and SE.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{c} \frac{1}{4} \\ S\ 7\ | \ S\ 8 \\ \hline 1915 \end{array}$$

dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 64.20 Road brs. NE. and SW.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, mkd. on brass cap

$$\begin{array}{c} T12S\ R25E \\ S\ 6\ | \ S\ 5 \\ \hline S\ 7\ | \ S\ 8 \\ \hline 1915 \end{array}$$

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, level.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite.
 Scattering grass.

40.00 S. 89° 49' E. on a random line bet. secs. 5 and 8.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.97 Intersect N. and S. line, 5 lks. S. of cor. of secs. 4, 5, 8 and 9.
 Thence
 N. 89° 51' W. on a true line bet. secs. 5 and 8.
 Over level land, through scattering undergrowth.
 9.97 Wash, 70 lks. wide, 4 ft. deep, course SW.
 39.98 $\frac{1}{2}$ Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{c} \frac{1}{4}\ S5 \\ \hline S\ 8 \\ \hline 1915 \end{array}$$

dig pits, 18 X 18 X 12 ins. E. and W. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 45.10 Wash, 20 lks. wide, 7 ft. deep, course SW.
 60.00 Draw, course, SW.
 77.50 Wagon road brs. N. and S.
 79.97 The cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite.
 Good growth of grass.

40.00 N. 89° 50' W. on a random line bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 77.56 Intersect W. bdy. of Tp., 5 lks. N. of cor. of secs. 1, 6, 7 and 12, which is an iron post, 3 ins. diam.,

Chains

properly set, mkd. and witnessed as described by the Surveyor General. (reestablished by me in Sept. 1913, under Group, 25). Thence
 S. 89° 52' E. on a true line bet. secs 6 and 7.
 Over level land, through scattering undergrowth.
 37.06 Draw, course, SW.
 37.56 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 6
 S 7
 1915

and raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.
 42.56 Draw, course, SW.
 77.56 The cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, gravelly.
 No timber.
 Undergrowth, scattering mesquite.
 Scattering short grass.

N. 0° 3' W. on a random line bet. secs. 5, and 6.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.83 Intersect N. bdy. of Tp., 85 lks. S. 89° 52' E. of cor. of secs. 31 and 32 hereinbefore described.
 At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for closing cor. of secs. 5 and 6, marked on brass cap,

T11S R25E
 S31 | S32
 C1C
 S 6 | S 5
 T12S R25E
 1915

dig pits, 24 X 18 X 12 ins., crosswise on each line, E. and W. 3 ft. and S. of post, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

Thence
 S. 0° 3' E. on a true line bet. secs. 5 and 6.
 Over level land.
 39.83 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 6 | S 5
 1915

dig pits, 18 X 18 X 12 ins., N. and S. of post, $\frac{3}{4}$ ft. dist. and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

79.83 The cor. of secs. 5, 6, 7 and 8.
 Land, level.
 Soil, gravelly.
 No timber.
 No undergrowth.
 Scattering short grass.

Chains.

GENERAL DESCRIPTION.

This township is located in a saddle between Pinaleno and Dos Cabezas mountains on the divide between Sulphur Springs and San Simon valleys. The SE. portion of this township is known as Railroad Pass.

The township consists mainly of rolling prairie land, and is covered with a good growth of grass, affording excellent grazing for stock. The soil is a thin gravelly loam, none of which is suitable for cultivation. There is no timber within the township.

There is no permanent flow of water in any of the washes, but there are favorable locations for reservoirs on several of the washes. I found no indications of mineral within the township.

The only settlers located were Cook and Duncan, who have a ranch in secs. 3 and 4, improved with house, and fenced inclosure of about 160 acres. A fenced inclosure in sec. 23, containing about 80 acres, owner's name not obtained, and fences in secs. 24, 25, and 36 were about the only other improvements noted except the Southern Pacific Railroad, which enters and leaves the township in sec. 36, in which section the small flag station Raso, is located, consisting of a section house, telegraph office and siding. Several roads traverse the township.



CERTIFICATE OF UNITED STATES SURVEYOR.

I, Thomas B. Matthews, U. S. Surveyor, hereby certify on honor that, in pursuance of special instructions received from the United States Surveyor General for Arizona for Group 35, Arizona, bearing date of the 21st day of August, 1914, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the North bdy. and the Subdivision lines and retraced and resurveyed all those parts or portions of the East boundary of Township 12 South, Range 25 East, of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further certify on honor that all the corners of said survey, retracement & resurvey have been established or reestablished and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U.S. Surveyor General for Group 35, Arizona, and in the specific manner described in the field notes of such survey, retracement and resurvey.

Thomas B. Matthews
U. S. Surveyor.

A P P R O V A L.

OFFICE OF UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona Sept 18 1917.

The foregoing field notes of the survey of the North boundary, and the Subdivision lines and Retracement & Resurvey of part of the East boundary of TOWNSHIP 12 SOUTH, RANGE 25 EAST, of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by Thomas B. Matthews, U. S. Surveyor, under his special instructions dated August 21, 1914, for Group 35, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys, retracements and resurveys they describe, are hereby approved.

Frank O. Frost
U. S. Surveyor General of Arizona.