

# FIELD NOTES

BOOK 2295

OF THE SURVEY OF THE

Subdivided Lines of J. S. R. 16W.

2295

Of the Gardner Meridian,

In the State of Territory of Arizona

EXECUTED BY

Jesse B. Wright

In the capacity of U. S. Surveyor, under instructions dated Sept. 16, 1910,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 9, which were approved by the Commissioner of the General Land  
Office, Sept. 28, 1910, pursuant to authority contained in the Act of  
Congress dated February 27, 1911 1899.

Survey commenced Nov 30, 1910.

Survey completed Dec 6, 1910.

2295

1A 1D  
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For Catts, see Book B.

BOOK 2295

INDEX DIAGRAM.

Township 25 N., Range 16 W.

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Notes: In N. E. <sup>6-151</sup> W. Bds, see Book A. Group 10  
 " D. Bdy. ——— " B " 10

## Subdivision of T. 25 N., R. 16 W.

## Chains.

Survey commenced Nov. 30, 1910, and executed with a W. & L. E. Gurley light mountain transit, special make, unnumbered, with Burt's patent solar attachment. The horizontal limb of the instrument is provided with two double verniers placed opposite to each other, and each reading to 1' of arc, which is also the least reading of the verniers of the latitude and declination arcs.

At the Std. Cor. of secs. 35 & 36, on the South boundary of the township, I examine and test carefully all the adjustments of the transit and solar attachment, and finding same correct; then, in order to test the solar apparatus, by comparing the results of observations on the sun, for meridian, made during p.m. & a.m. hours, respectively, with a true meridian determined by observation of Polaris,

I proceed as follows :-

At 4h p.m., l.m.t., at the Standard cor. of secs. 35 & 36, recently re-established by me, and heretofore described, Book D, Group 10, in lat.  $35^{\circ}30'34''$  N., long.  $113^{\circ}56'59''$  W.,

I set off  $21^{\circ}35'$  S. on the decl. arc, and  $35^{\circ}30\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar, and mark a point in the meridian thus determined by a tack in a stake driven firmly in the ground 5.00 chs. N. of my station.

Nov. 30, 1910.

Dec. 1, 1910.

At 2h 48m a.m., l.m.t., I observe Polaris at W. elongation, in accordance with instructions in the "Manual", and mark the line thus determined by a tack in a stake driven firmly in the ground 6 chs. N. of my station.

At 8h a.m., l.m.t., I set off the azimuth of Polaris,  $1^{\circ}26'$  to the East, and mark the true meridian thus determined by a tack in the stake 5 chs. N. of my station, which point falls .35 ins. E. of the point as determined by the solar on preceding evening.

Then I set off  $21^{\circ}41'$  S. on the decl. arc, and  $35^{\circ}30\frac{1}{2}'$  N. on the lat. arc, and determine a meridian with the solar, and mark a point in the meridian thus determined by a tack in the stake 5 chs. N. of my station, which point falls .25 ins. E. of the point determined by observation of Polaris.

The solar apparatus, by p.m. & a.m. observations, defines positions for meridians, about  $18''$  W., and  $13''$  E., respectively, of the meridian as determined by Polaris observation.

These errors being probably the ordinary errors of observation, I conclude that the instrument is in satisfactory adjustment.

The magnetic bearing of the true meridian at 3h a.m., is N.  $15^{\circ}25'$  W.; the angle thus determined gives the magnetic declination as  $15^{\circ}25'$  E.

From the Standard cor. above described, I run, as per instructions,

chains

- N. 0° 1' W., bet. secs. 35 & 36.  
Over level valley, through low scattering sage brush, and good bunch grass. Soil, loose, moist, sandy loam.
- 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,  
 $\frac{1}{4}$  S. 35 in W. and  
S. 36 in E. half,  
dig pits 18x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 25, 26, 35 & 36, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 26 in NW.,  
S. 25 in NE.,  
S. 36 in SE., and  
S. 35 in SW. quadrants,  
dig pits 18x13x12 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, loose moist sandy loam, 1st & 2nd rate.  
No timber in this valley.  
Undergrowth, scattering low sage brush. Good native grass.
- 
- East, on a random line bet. secs. 25 & 36.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect cor. of secs. 25, 30, 31 & 36, on E. bdy. of Tp., whence I run,  
West, on a true line bet. secs. 25 & 36.  
Over open level, grassy valley.
- 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,  
 $\frac{1}{4}$  S. 25 in N. and  
S. 36 in S. half,  
dig pits 18x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.00 To cor. of secs. 25, 26, 35 & 36.  
Land, level.  
Soil, loose sandy loam, 2nd rate. scattering sage. good native bunch grass.
- 
- N. 0° 1' W., bet. secs. 25 & 26.  
Over level plain, through dense low, sage brush, sparse bunch grass.
- 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,  
 $\frac{1}{4}$  S. 26 in W., and  
S. 25 in E. half,  
dig pits 18x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 55.00 Enter broad flat draw of Truxton Wash, course WNW., land subject to overflow.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 23, 24, 25 & 26, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 23 in NW.,  
S. 24 in NE.,  
S. 25 in SE., and  
S. 26 in SW. quadrants,  
dig pits 18x13x12 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, loose sandy loam, 2nd rate. moist.  
Undergrowth, scattering sage brush, coarse bunch grass.

## Subdivision of T. 25 N., R. 16 W.

## Chains.

- East, on a random line bet. secs. 24 & 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.02 Intersect cor. of secs. 19, 24, 25 & 30 on E. bdy. of Tp., whence I run,  
West, on a true line, bet. secs. 24 & 25.  
Over level, or gently undulating valley, through low sage brush, and sparse bunch grass.
- 40.01 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. 24 in N. and  
S. 25 in S. half,  
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.02 To cor. of secs. 23, 24, 25 & 26.  
Land, level, slightly undulating.  
Soil, loose, sandy loam. moist.  
Undergrowth, scattering sage brush and bunch grass.
- 
- N.  $0^{\circ}$  1' W., bet. secs. 23 & 24.  
Over level plain, slightly undulating in places.  
through scattering sage brush and bunch grass.
- 30.55 Centre of drainage, wash 10 lks. wide, 6 ft. deep, course WSW.
- 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,  
 $\frac{1}{4}$  S. 23 in W. and  
S. 24 in E. half,  
dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 13, 14, 23 & 24, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 14 in NW.,  
S. 13 in NE.,  
S. 24 in SE., and  
S. 23 in SW. quadrants,  
dig pits 13x13x12 ins. in each secs.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land, level, slightly undulating.  
Soil, 2nd rate, loose sandy loam, moist.  
Undergrowth, sparse sage brush and bunch grass.
- 
- East, on a random line bet. secs. 13 & 24.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect East bdy. of Tp. at point 5 lks. N. of cor. of secs. 13, 18, 19 & 24, whence I run,  
N.  $89^{\circ}53'$  W., on a true line, bet. secs. 13 & 24.  
Over level plain, sandy, gravelly soil, fair grass.
- 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,  
 $\frac{1}{4}$  S. 13 in N. and  
S. 24 in S. half,  
dig pits 13x13x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.00 To cor. of secs. 13, 14, 23 & 24.  
Land, level.  
Soil, loose, sandy loam, some gravel. 2nd rate.  
Undergrowth, sparse sage brush, fair native grass. ✓  
At this cor. at noon, I set off  $21^{\circ}45'$  S. on the decl. arc & observe the sun on the meridian.  
The resulting lat. is  $35^{\circ}33'$  N.

## Chains.

- N. 0° 1' W., bet. secs. 13 & 14.  
Over level plain, covered with coarse bunch grass.
- 10.00 Leave draw, and land, subject to overflow, course **WNW**.
- 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,  
 $\frac{1}{4}$  S. 14 in W., and  
S. 13 in E. half,  
dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 11, 12, 13 & 14, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 11 in NW.,  
S. 12 in NE.,  
S. 13 in SE., and  
S. 14 in SW. quadrants,  
dig pits 13x13x12 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, slightly undulating.  
Soil, 2nd rate, loose, sandy, loam with some gravel.  
Undergrowth, scattering sage brush, fair grazing.
- 
- S. 89° 53' E., on a random line, bet. secs. 12 & 13.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.,
- 80.00 Intersect cor. of secs. 7, 12, 13 & 18, on E. bdy. of Tp, whence I run,  
N. 89° 53' W., on a true line, bet. secs. 12 & 13.  
Over level plain, sparse bunch grass.
- 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,  
 $\frac{1}{4}$  S. 12 in N. and  
S. 13 in S. half,  
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.00 To cor. of secs. 11, 12, 13 & 14.  
Land, level.  
Soil, 2nd rate, sandy, loose.  
Scattering sage brush, sparse bunch grass.
- 
- N. 0° 1' W., bet. secs. 11 & 12.  
Over level sandy plain, coarse heavy bunch grass.
- 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,  
 $\frac{1}{4}$  S. 11 in W., and  
S. 12 in E. half,  
dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 1, 2, 11 & 12, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 2 in NW.,  
S. 1 in NE.,  
S. 12 in SE., and  
S. 11 in SW. quadrants,  
dig pits 13x13x12 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, 2nd rate, loose, sandy loam, moist.  
Coarse, heavy bunch grass, scattering sage brush.

Chains.

- S. 89° 58' E., on a random line, bet. secs. 1 & 12.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.96 Intersect cor. of secs. 1, 6, 7 & 12, on E. bdy. of Tp.,  
 whence I run,  
 N. 89° 58' W., on a true line, bet. secs. 1 & 12.  
 Over gently undulating plain, through  
 coarse bunch grass, scattering sage brush.  
 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,  
 $\frac{1}{4}$  S. 1 in N., and  
 S. 12 in S. half,  
 dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth 4 ft. base, 2 ft. high N. of cor.  
 79.96 To cor. of secs. 1, 2, 11 & 12.  
 Land, level, gently undulating.  
 Soil, 2nd rate, loose sandy loam, moist.  
 Scattering sage brush, coarse bunch grass.
- 
- N. 0° 1' W., on a random line, bet. secs. 1 & 2.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 30.06 Intersect cor. of secs. 1, 2, 35 & 36, on N. bdy. of Tp.,  
 whence I run,  
 S. 0° 1' E., on a true line, bet. secs. 1 & 2.  
 Over level plain, sparse bunch grass.  
 40.06 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. 2 in W., and  
 S. 1 in E. half,  
 dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and  
 raise a mound of earth 3 $\frac{1}{2}$  ft. base, 1 $\frac{1}{2}$  ft. high W. of cor.  
 30.06 To cor. of secs. 1, 2, 11 & 12.  
 Land, level, slightly undulating in places.  
 Soil, 2nd rate, loose, sandy loam, moist.  
 Undergrowth, sparse sage brush, coarse bunch grass.  
 Dec. 1, 1910.

## Chains.

- Dec. 2, 1910.  
At 8h a.m., l.m.t., at the standard cor. of secs. 2, 3, 34 & 35, on the south boundary of Tp.,  
I set off  $21^{\circ}49\frac{1}{2}'$  S. on the decl. arc, and  $35^{\circ}30\frac{1}{2}'$  N. on the lat. arc, and determine a true meridian with the solar. Thence I run,  
N.  $0^{\circ}1'$  W., bet. secs. 34 & 35.  
Over level valley, densely covered with native grass.
- 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,  
 $\frac{1}{4}$  S. 34 in W., and  
S. 35 in E. half,  
dig pits 13x13x12 ins. N. & S. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 26, 27, 34 & 35, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 27 in NW.,  
S. 26 in NE.,  
S. 35 in SE., and  
S. 34 in SW. quadrants,  
dig pits 13x13x12 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, 2nd rate, sandy, loose, moist.  
Undergrowth, scattering sage brush, native bunch grass.
- 
- East, on a random line, bet. secs. 26 & 35,  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.,  
79.98 Intersect N. & S. line at point 5 lks. N. of cor. of secs. 25, 26, 35 & 36, whence I run,  
N.  $89^{\circ}53'$  W., on a true line, bet. secs. 26 & 35.  
Over level sandy plain, through low scattering sahe brush, and coarse bunch grass.
- 39.99 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. 26 in N., and  
S. 35 in S. half,  
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 39.98 To cor. of secs. 26, 27, 34 & 35.  
Land, level.  
Soil, 2nd rate, loose, sandy.  
low sage brush, heavy bunch grass.
- 
- N.  $0^{\circ}1'$  W., bet. secs. 26 & 27.  
Over level sandy plain, coarse bunch grass.
- 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,  
 $\frac{1}{4}$  S. 27 in W., and  
S. 26 in E. half,  
dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $5\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 22, 23, 26 & 27, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 22 in NW.,  
S. 23 in NE.,  
S. 26 in SE., and  
S. 27 in SW. quadrants,  
dig pits 13x13x12 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, slightly undulating in places.  
Soil, 2nd rate, loose, sandy, moist, at slight depth.  
Undergrowth, scattering sage brush, coarse bunch grass.



Chains.	The cor. of secs. 23,24,25 & 26 being plainly visible, I run, S. 39°59' E., on a random line, bet. secs. 23 & 26.
40.00	Set temp. $\frac{1}{4}$ sec. cor.,
79.96	Intersect cor. of secs. 23,24,25 & 26, whence I run, N. 39°59' W., on a true line, bet. secs. 23 & 26. Over slightly undulating land, in broad draw, course NNW., land subject to overflow.
38.50	Arroyo, 10 lks. wide, 5 ft. deep, course NNE.
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, $\frac{1}{4}$ S. 23 in N., and S. 26 in S. half, dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
68.00	Leave draw, brs. NNW.
79.96	To cor. of secs. 22,23, 26 & 27. Land, level, slightly undulating. Soil, 2nd rate, loose, sandy, moist. Undergrowth, sparse sage brush, and bunch grass.
	N. 0° 1' W., bet. secs. 22 & 23, Over level valley, scattering sage brush and bunch grass.
10.00	Enter broad draw, course WNW., land subject to overflow.
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, $\frac{1}{4}$ S. 22 in W. and S. 23 in E. half, dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and, raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
47.00	Wash 25 lks. wide, course WNW.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 14,15 22 & 23, marked on brass cap, T. 25 N., R. 16 W. in N. half, S. 15 in NW., S. 14 in NE., S. 23 in SE., and S. 22 in SW. quadrants, dig pits 13x13x12 ins. in each secs. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level, slightly undulating. Soil, 2nd rate, sandy, loose, moist. Undergrowth, scattering sage brush, sparse bunch grass.
	S. 39°59' E., on a random line, bet. secs. 14 & 23.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect cor. of secs. 13,14, 23 & 24, whence I run, N. 39°59' W., on a true line, bet. secs. 14 & 23: Over level valley, coarse bunch grass.
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, $\frac{1}{4}$ S. 14 in N., and S. 23 in S. half, dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
75.00	Enter broad flat, draw, course WNW.
80.00	To cor. of secs. 14, 15, 22 & 23. Land, level, slightly undulating. Soil, 2nd rate, loose, sandy loam. Undergrowth, coarse bunch grass, scattering sage brush. At this cor. at noon, I set off 21°54' S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is 35° 33' N.

Chains.	
	N. 0° 1' W., bet. secs. 14 & 15. Over level valley, through scattering sage brush.
10.00	Leave draw, course WNW.
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, $\frac{1}{4}$ S. 15 in W., and S. 14 in E. half,
	dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap, T. 25 N., R. 16 W. in N. half, S. 10 in NW., S. 11 in NE., S. 14 in SE., and S. 15 in SW. quadrants,
	dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land, level, slightly undulating.
	Soil, 2nd rate, sandy, loamy.
	Undergrowth, sparse sage brush, coarse bunch grass.
40.00	S. 39° 59' E., on a random line, bet. secs. 11 & 14. Set temp. $\frac{1}{4}$ sec. cor.,
30.04	Intersect cor. of secs. 11, 12, 13 & 14, whence I run, N. 89° 59' W., on a true line, bet. secs. 11 & 14.
	Over level valley.
40.02	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. 11 in N. and S. 14 in S. half,
	dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
80.04	To cor. of secs. 10, 11, 14 & 15. Land, level.
	Soil, 2nd rate, sandy, loose, loamy.
	Undergrowth, scattering sage brush, coarse bunch grass.
	N. 0° 1' W., bet. secs. 10 & 11
	Over level sandy plain.
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 $\frac{1}{4}$ S. 10 in W., and S. 11 in E. half,
	dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
80.00	Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in the ground for cor. of secs. 2, 3, 10 & 11, marked on brass cap, T. 25 N., R. 16 W. in N. half, S. 3 in NW., S. 2 in NE., S. 11 in SE., and S. 10 in SW. quadrants,
	dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land, level, slightly undulating.
	Soil, 2nd rate, loose, sandy loam, moist.
	Undergrowth, scattering sage brush, coarse bunch grass.

Subdivision of T. 25 N., R. 16 W.

Chains

The cor. of secs. 1,2,11 & 12, being plainly visible,  
I run,  
S. 89° 53' E., on a random line, bet. secs. 2 & 11.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.,  
80.04 Intersect cor. of secs. 1,2,11 & 12,  
whence I run,  
N. 89° 53' W., on a true line, bet. secs. 2 & 11.  
Over gently undulating valley, loose sandy soil,  
40.02 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. 2 in N. and  
S. 11 in S. half,  
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
80.04 To cor. of secs. 2,3, 10 & 11.  
Land, slightly undulating.  
Soil, 2nd rate, loose sandy loam. moist.  
Undergrowth, scattering sage brush, bunch grass.

The cor. of secs. 2,3, 34 & 35 on N. bdy. of Tp. being  
plainly visible, I run,  
N. 0° 3' W., on a random line, bet. secs. 2 & 3.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.,  
80.15 Intersect cor. of secs. 2,3,34 & 35, on N. bdy. of Tp.,  
whence I run,  
S. 0° 3' E., on a true line, bet. secs. 2 & 3.  
Over gently undulating valley, through coarse, heavy  
bunch grass, and scattering sage brush.  
40.15 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. 3 in W. and  
S. 2 in E. half,  
dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
80.15 To cor. of secs. 2,3, 10 & 11.  
Land, level, gently undulating.  
Soil, 2nd rate, loose, sandy, loam. moist.  
Undergrowth, scattering sage brush. Heavy bunch grass.  
Dec. 2, 1910.

Chains

Dec. 3, 1910. ,  
At 8h a.m., l.m.t., at the Std. cor. of secs. 33 & 34,  
on the S. bdy. of Tp.,  
I set off 21° 59' S. on the decl. arc, and 35° 30½' N. on the  
lat. arc, and determine a true meridian with the solar.  
Thence I ran,  
N. 0° 2' W., bet. secs. 33 & 34.

Over level plain.  
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,  
¼ S. 33 in W. and  
S. 34 in E. half,

80.00 dig pits 13x13x12 ins. N. & S. of cor. 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. in diam. 24 ins. in  
the ground for cor. of secs. 27, 23, 33 & 34,  
marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 28 in NW.,  
S. 27 in NE.,  
S. 34 in SE., and  
S. 33 in SW. quadrants,

dig pits 13x13x12 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, 2nd rate, sandy.  
Undergrowth, scattering sage brush, coarse dense bunch grass.

40.00 East, on a random lkne, bet. secs. 27 & 34.  
Set temp. ¼ sec. cor.,  
79.98 Intersect N. & S. line at point 2½ lks. N. of cor. of  
secs. 26, 27, 34 & 35, whence I run,  
N. 89° 59' W., on a true line, bet. secs. 27 & 34.  
Over level valley, low sand dunes.

39.99 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. 27 in N. and  
S. 34 in S. half,  
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

70.00 Leave sandy dunes, enter clayey flat, brs. N. & S.  
79.98 To cor. of secs. 27, 23, 33 & 34.  
Land, level, slightly undulating.  
Soil, 2nd rate, sandy, clayey.  
Undergrowth, sage brush, coarse bunch grass.

N. 0° 2' W., bet. secs. 27 & 23.  
Over level plain, scattering sage brush., heavy sandy loam  
underlaid with sedimentary calcareous conglomerate  
gravel.

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,  
¼ S. 23 in W., and  
S. 27 in E. half,

80.00 dig pits 13x13x12 ins. N. & S. of cor. 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. in diam. 24 ins. in  
the ground for cor. of secs. 21, 22, 27 & 23,  
marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 21 in NW.,  
S. 22 in NE.,  
S. 27 in SE., and  
S. 23 in SW. quadrants,

dig pits 13x13x12 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, 2nd rate, sandy, heavy loam.  
Undergrowth, sage brush, coarse bunch grass.

## Chains.

S. 89°59' E., on a random line, bet. secs. 22 & 27.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.,  
 79.96 Intersect cor. of secs. 22, 23, 26 & 27,  
 whence I run,  
 N. 89°59' W., on a true line, bet. secs. 22 & 27.  
 Over level valley.  
 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,  
 $\frac{1}{4}$  S. 22 in N. and  
 S. 27 in S. half,  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 79.96 To cor. of secs. 21, 22, 27 & 23.  
 Land, level.  
 Soil, 2nd rate, sandy, heavy, moist.  
 Undergrowth, sparse sage brush. Fair native grass.

N. 0° 2' W., bet. secs. 21 & 22.  
 Over level valley.  
 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,  
 $\frac{1}{4}$  S. 21 in W., and  
 S. 22 in E. half,  
 dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Enter land, subject to overflow.  
 65.00 Middle of drainage, broad draw, course WNW.  
 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
 the ground for cor. of secs. 15, 16, 21 & 22,  
 marked on brass cap,  
 T. 25 N., R. 16 W. in N. half,  
 S. 16 in NW.,  
 S. 15 in NE.,  
 S. 22 in SE., and  
 S. 21 in SW. quadrants,  
 dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
 raise a mound of earth 4 ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 Land, level, slightly undulating.  
 Soil, 2nd rate, sandy, loamy. moist.  
 Undergrowth, sparse sage brush, bunch grass, cacti.

The cor. of secs. 14, 15, 22 & 23, being plainly visible,  
 I run,  
 East, on a random line, bet. secs. 15 & 22.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.00 Intersect cor. of secs. 14, 15, 22 & 23, whence I run,  
 West, on a true line, bet. secs. 15 & 22.  
 Over level plain, in broad draw, course WNW.  
 Fine sandy loam some clay, land subject to overflow.  
 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,  
 $\frac{1}{4}$  S. 15 in N., and  
 S. 22 in S. half,  
 dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 80.00 To cor. of secs. 15, 16, 21 & 22.  
 Land, level.  
 Soil, 2nd rate, sandy, heavy, moist. some clay.  
 Undergrowth, dense low sage brush, and coarse bunch grass.  
 At this cor., at noon, I set off 22° 3' S. on the  
 dec. arc, and observe the sun on the meridian.  
 The resulting lat. is 35° 33' N.

Chains.	
	N. 0° 2' W., bet. secs. 15 & 16. Over gently undulating valley.
25.00	Leave draw, and land, subject to overflow, brs. WNW. & ESE.
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, $\frac{1}{4}$ S. 16 in W., and S. 15 in E. half,
	dig pits 18x18x12 ins. N. & S. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
30.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 9, 10, 15 & 16, marked on brass cap,
	T. 25 N., R. 16 W. in N. half, S. 9 in NW., S. 10 in NE., S. 15 in SE., and S. 16 in SW. quadrants,
	dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land, level, slightly undulating.
	Soil, 2bd rate, heavy sandy loam.
	Undergrowth, coarse bunch grass, sage brush, cacti.
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	East, on a random line, bet. secs. 10 & 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.,
79.98	Intersect cor. of secs. 10, 11, 14 & 15, whence I run,
	West, on a true line, bet. secs. 10 & 15.
	Over gently undulating valley, through scattering sage brush, dense coarse bunch grass.
12.00	Sandy knoll, brs. NE. & SW.
39.99	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. 10 in N., and S. 15 in S. half,
	dig pits 18x18x12 ins. E. & W. of cor., 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
79.98	To cor. of secs. 9, 10, 15 & 16.
	Land, level, slightly undulating.
	Soil, 2nd rate, sandy, loose., moist.
	Undergrowth, low sage brush, heavy bunch grass.
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	N. 0° 2' W., bet. secs. 9 & 10.
	Over level valley, stiff sandy loam, sparse grass.
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, $\frac{1}{4}$ S. 9 in W., and S. 10 in E. half,
	dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
30.00	Set an iron post 3 ft. long, 2 ins. diam. 24 ins. in the ground for cor. of secs. 3., 4, 9 & 10, marked on brass cap,
	T. 25 N., R. 16 W. in N. half, S. 4 in NW., S. 3 in NE., S. 10 in SE., and S. 9 in SW. quadrants,
	dig pits 18x18x12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
	Land, level.
	Soil, 2nd rate, stiff sandy loam.
	Undergrowth, sparse sage brush cacti, heavy native grass.

## Chains.

- East, on a random line, bet. secs. 3 & 10.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.02 Intersect N. & S. line at point 5 lks. N. of cor. of se  
 secs. 2, 3, 10 & 11, whence I run,  
 N.  $89^{\circ}58'$  W., on a true line bet. secs. 3 & 10.  
 Over level valley, through scattering sage brush.  
 40.01 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. 3 in N. and  
 S. 10 in S. half,  
 dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 80.02 To cor. of secs. 3, 4, 9 & 10.  
 Land, level.  
 Soil, stiff sandy loam, 2nd rate.  
 Undergrowth, sparse sage brush. Good native grass.

- The cor. of secs. 3, 4, 33 & 34 on the N. bdy. of Tp. being  
 plainly visible, I run,  
 N.  $0^{\circ}5'$  W., on a random line, bet. secs. 3 & 4.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.24 Intersect N. bdy. of Tp. at cor. of secs. 3, 4, 33 & 34,  
 whence I run,  
 S.  $0^{\circ}5'$  E., on a true line, bet. secs. 3 & 4.  
 40.24 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. 4 in W., and  
 S. 3 in E. half,  
 dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and  
 raise a mound of earth  $3\frac{1}{2}$  ft. base.,  $1\frac{1}{2}$  ft. high W. of cor.  
 52.40 Old road, brs. NNE. & SSW.  
 80.24 To cor. of secs. 3, 4, 9 & 10.  
 Land, level.  
 Soil, 2nd rate, stiff sandy loam, moist, heavy.  
 Undergrowth, sparse sage brush. Fair grass.

Dec. 3, 1910.

## Chains.

- Dec. 4, 1910.  
At 8h a.m., l.m.t., at Std. cor. of secs. 32 & 33 on the S. bdy. of Tp.,  
I set off  $35^{\circ}30\frac{1}{2}'$  N. on the lat. arc, and  $22^{\circ}7'$  S. on the decl. arc, and determine a true meridian with the solar. Thence I run,  
N.  $0^{\circ}3'$  W., bet. secs. 32 & 33.  
Over level plain, through scattering sage brush.
- 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,  
 $\frac{1}{4}$  S. 32 in W., and  
S. 33 in E. half,  
dig pits  $13 \times 13 \times 12$  ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 23, 29, 32 & 33, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 29 in NW.,  
S. 23 in NE.,  
S. 33 in SE., and  
S. 32 in SW. quadrants,  
dig pits  $18 \times 18 \times 12$  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, 2nd rate, stiff, clayey, loam. moist.  
underlaid with calcareous, sedimentary gravel.  
Undergrowth, scattering sage brush. Good native grass.
- 
- East, on a random line, bet. secs. 23 & 33.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.,
- 80.04 Intersect cor. of secs. 27, 23, 33 & 34, whence I run,  
West, on a true line, bet. secs. 23 & 33.  
Over level plain, sparse sage brush, and bunch grass.
- 40.02 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. 23 in N. and  
S. 33 in S. half,  
dig pits  $18 \times 18 \times 12$  ins. E. & W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.04 To cor. of secs. 23, 29, 32 & 33.  
Land, level.  
Soil, 2nd rate, stiff clayey loam, with some sand.  
Sparse sage brush. Fair native bunch grass.
- 
- N.  $0^{\circ}3'$  W., bet. secs. 23 & 29.  
Over light sandy clayey land dense native grass, level, land.
- 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,  
 $\frac{1}{4}$  S. 29 in W., and  
S. 23 in E. half,  
dig pits  $18 \times 18 \times 12$  ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 20, 21, 23 & 29, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 20 in NW.,  
S. 21 in NE.,  
S. 23 in SE., and  
S. 29 in SW. quadrants,  
dig pits  $18 \times 18 \times 12$  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, 2nd rate, sandy, stiff, with some clay, moist.  
Undergrowth, scattering sage brush, dense bunch grass.



- Chains.
- East, on a random line, bet. secs. 21 & 23.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 30.04 Intersect N. & S. line at point 3 lks. N. of cor. of secs. 21, 22, 27 & 23, whence I run, N.  $89^{\circ}59'$  W., on a true line, bet. secs. 21 & 23. Over level valley.
- 40.02 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. 21 in N., and  $\frac{1}{4}$  S. 23 in S. half, dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 80.04 To cor. of secs. 20, 21, 23 & 29. Land, level. Soil, 2nd rate, stiff sandy. Undergrowth, scattering sage brush, good native grass.
- 
- N.  $0^{\circ}3'$  W., bet. secs. 20 & 21. Over level valley.
- 36.90 Wash 10 lks. wide, course NW.
- 40.00 Set an iron post 3 ft. long, 1 in. in diam. 20 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S. 20 in W., and  $\frac{1}{4}$  S. 21 in E. half, dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth 4 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. 16, 17, 20 & 21, marked on brass cap, T. 25 N., R. 16 W. in N. half, S. 17 in NW., S. 16 in NE., S. 21 in SE., and S. 20 in SW. quadrants, dig pits 13x13x12 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, 2nd rate, sandy, loamy. heavy. Scattering sage brush. Good native grass in places.
- 
- The cor. of secs. 15, 16, 21 and 22 on which I have left a large flag is plainly visible, and brs. S.  $39^{\circ}56'$  E. Hence I run, S.  $89^{\circ}56'$  E., on a random line, bet. secs. 16 & 21.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.96 To cor. of secs. 15, 16, 21 & 22, whence I run, N.  $89^{\circ}56'$  W., on a true line, bet. secs. 16 & 21. Over level valley, sandy, calcareous soil.
- 24.65 Middle of main draw, centre of drainage in valley, course NW.
- 39.98 Set an iron post 3 ft. long, 2 in. in diam. 26 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked on brass cap,  $\frac{1}{4}$  S. 16 in N., and  $\frac{1}{4}$  S. 21 in S. half, dig pits 13x13x12 ins. E. & W. of cor., 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 79.96 To cor. of secs. 16, 17, 20 & 21. Land level. Soil, 2nd rate, stiff, sandy loam, underlaid with a calcareous gravel or conglomerate. Undergrowth, sparse sage brush. coarse native grass. At this cor., at noon, I set off  $22^{\circ}11'$  S. on the decl. arc, and observe the sun on the meridian. The resulting lat. is  $35^{\circ}33'$  N.

chains

- No 0° 3' W., bet. secs. 16 & 17.  
Over level or slightly undulating valley.
- 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,  $\frac{1}{4}$  S. 17 in W., and S. 16 in E. half, dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 71.70 Old road, brs. NNE. & SSW.
- 75.70 Wash 20 lks. wide, course NW.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 3, 9, 16 & 17, marked on brass cap, T. 25 N., R. 16 W. in N. half, S. 8 in NW., S. 9 in NE., S. 16 in SE., and S. 17 in SW. quadrants, dig pits 13x13x12 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, slightly undulating. Soil, 2nd rate, heavy sandy loam. Scattering sage brush. Good native grass in places.
- 
- S. 39° 56' E., on a random line, bet. secs. 9 & 16.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.96 Intersect N. & S. line at point 2 lks. S. of cor. of secs. 9, 10, 15 & 16, whence I run, N. 39° 57' W., on a true line bet. secs. 9 & 16. Over level valley, coarse, heavy bunch grass.
- 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,  $\frac{1}{4}$  S. 9 in N., and S. 16 in S. half, dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 74.00 Old road, brs. NNE. & SSW.
- 79.96 To cor. of secs. 3, 9, 16 & 17. Land, level. Soil, 2nd rate, heavy sandy loam. moist. Undergrowth scattering sage brush. Thick native grass.
- 
- N. 0° 3' W., bet. secs. 3 & 9.  
Over level valley, sparse sage brush and native grass.
- 7.00 Wash 30 lks. wide, course NW., near head.
- 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,  $\frac{1}{4}$  S. 3 in W., and S. 9 in E. half, dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 30.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 4, 5, 8 & 9, marked on brass cap, T. 25 N., R. 16 W. in N. half, S. 5 in NW., S. 4 in NE., S. 9 in SE., and S. 8 in SW. quadrants, dig pits 13x13x12 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, 2nd rate, stiff, sandy loam. Undergrowth, sparse sage brush. Good native grass.

Subdivision of T. 25 N., R. 16 W.

Chains

- S. 39° 57' E., on a random line, bet. secs. 4 & 9.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 79.92 Intersect N. & S. line at point 5 lks. N. of cor. of secs. 3, 4, 9 & 10, whence I run,  
 N. 39° 55' W., on a true line bet. secs. 4 & 9.  
 Over level valley, through sparse sage brush, fair native bunch grass.  
 20.50 Old road, brs. NNE. & SSW.  
 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,  $\frac{1}{4}$  S. 4 in N., and S. 9 in S. half,  
 dig pits 18x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.  
 79.92 To cor. of secs. 4, 5, & 3 & 9.  
 Land, level.  
 Soil, 2nd rate, sandy heavy loam.  
 Scattering sage brush, native grass.
- 
- N. 0° 5' W. on a random line, bet. secs. 4 & 5.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.35 Intersect N. bdy. of Tp. at point 7 lks. E. of cor. of secs. 4, 5, 32 & 33, whence I run,  
 S. 0° 8' E., on a true line, bet. secs. 4 & 5.  
 Over level valley, gently undulating, in places.  
 40.35 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. 5 in W., and S. 4 in E. half,  
 dig pits 18x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 50.00 Sandy knoll, brs. E. & W.  
 80.35 To cor. of secs. 4, 5, 8 & 9.  
 Land, level, gently undulating.  
 Soil, 2nd rate sandy, heavy, moist.  
 Scattering sage brush. Good native grass in places.  
 Dec. 4, 1910.

## Chains.

- Dec. 5, 1910.  
At 8h a.m., l.m.t. at the Std. cor. of secs. 31 & 32,  
on the S. bdy. of Tp.,  
I set off  $22^{\circ}15\frac{1}{2}'$  S. on the decl. arc, and  $35^{\circ}30\frac{1}{2}'$  N. on the  
lat. arc, and determine a true meridian with the solar.,  
Thence I run,  
N.  $0^{\circ}3'$  W., bet. secs. 31 & 32.  
Over level valley.
- 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,  
 $\frac{1}{4}$  S. 31 in W. and  
S. 32 in E. half,  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 29, 30, 31 & 32,  
marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 30 in NW.,  
S. 29 in NE.,  
S. 32 in SE., and  
S. 31 in SW. quadrants,  
dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and  
raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land, level.  
Soil, 2nd rate, loose, sandy loam.  
Sparse sage brush. Fair grazing.
- 
- East, on a random line, bet. secs. 29 & 32.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.,
- 79.94 Intersect N. & S. line at point 5 lks. N. of cor. of  
secs. 28, 29, 32 & 33, whence I run,  
N.  $89^{\circ}53'$  W., on a true line bet. secs. 29 & 32.  
Over level valley.
- 7.55 Wash 30 lks. wide, course NNE., and turns NW.
- 39.97 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. 29 in N. half,  
S. 32 in S. half,  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 79.94 To cor. of secs. 29, 30, 31 & 32.  
Land, level,  
Soil, 2nd rate, sandy loam. moist.  
Scattering sage brush. Good native grass.
- 
- West, on a random line bet. secs. 30 & 31.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.90 Intersect W. bdy. of Tp. at point 7 lks. S. of cor. of  
secs. 25, 30, 31 & 36, whence I run,  
S.  $89^{\circ}57'$  E. on a true line bet. secs. 30 & 31.  
Over level valley, light sandy loam. sparse sage brush.
- 39.90 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. 30 in N., and  
S. 31 in S. half,  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 66.15 Wash 100 lks. wide, course NE.
- 79.90 To cor. of secs. 29, 30, 31 & 32.  
Land, level.  
Soil, 2nd rate, light sandy loam, moist.  
sparse sage brush. Good native grass.

## Chains.

- N. 0° 3' W., bet. secs. 29 & 30.  
Over level valley, light sandy loam. Heavy native grass.  
7.55 Wash 100 lks. wide, course NE.
- 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,  
 $\frac{1}{4}$  S. 30 in W. and  
S. 29 in E. half,  
dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 19, 20, 29 & 30, marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 19 in NW.,  
S. 20 in NE.,  
S. 29 in SE., and  
S. 30 in SW. quadrants,  
dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor.  
Land, level.  
Soil, 2nd rate, light sandy loam. moist.  
Sparse sage brush. Good native grass.  
At this cor. at noon, clouds obscure the sun.  
Impracticable to observe the latitude.
- 
- S. 39° 53' E., on a random line, bet. secs. 20 & 29.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.96 Intersect N. & S. line at point  $2\frac{1}{2}$  lks. N. of cor. of secs. 20, 21, 23 & 29, whence I run,  
N. 39° 57' W., on a true line bet. secs. 20 & 29.  
Over level valley.
- 22.00 Wash, 100 lks. wide, course NNE.
- 39.93 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. 20 in N., and  
S. 29 in S. half,  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 79.96 To cor. of secs. 19, 20, 29 & 30.  
Land, level.  
Soil, 2nd rate, sandy, light, moist.  
Sparse sage brush. Good native grass.
- 
- N. 39° 57' W. on a random line bet. secs. 19 & 30.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.80 Intersect W. bdy. of Tp. at point 5 lks. S. of true cor. point of secs. 19, 24, 25 & 30, whence I run,  
S. 39° 55' E., on a true line, bet. secs. 19 & 30.  
Over level valley. Leave wash at 2 chs., runs North.
- 39.80 Set an iron post 5 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. 19 in N. and  
S. 30 in S. half,  
dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 40.77 Old road, brs. NNE. & SSW.
- 79.30 To cor. of secs. 19, 20, 29 & 30.  
Land, level, slightly undulating.  
Soil, 2nd rate, loose, light sandy, with some gravel.  
sparse sage brush. good native grass.

Chains.	N. 0° 3' W., bet. secs. 19 & 20. Over level valley, light sandy clayey soil, sparse grass.
40.00	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, $\frac{1}{4}$ S. 19 in W. and S. 20 in E. half, dig pits 13x13x12 ins. N. & S. of cor. 5 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high W. of cor.
52.30	Old road, brs. NNE. & SSW.
80.00	Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 17, 13, 19 & 20, marked on brass cap, T. 25 N., R. 16 W. in N. half, S. 13 in NW., S. 17 in NE., S. 20 in SE., and S. 19 in SW. quadrants, dig pits 13x13x12 ins. in each secs. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level. Soil, 2nd rate, light, clayey. moist sandy loam. Sparse sage brush. Good native grass in places.
40.00	S. 39° 57' E., on a random line, bet. secs. 17 & 20. Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. & S. line at point 7 lks. N. of cor. of secs. 16, 17, 20 & 21, whence I run, N. 39° 54' W. on a true line bet. secs. 17 & 20. Over level plain, through dense low sage brush.
27.00	Draw 4 chs. wide, course NNW.
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, $\frac{1}{4}$ S. 17 in N., and S. 20 in S. half, dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
59.20	Old road, brs. NNE. & SSW.
80.00	To cor. of secs. 17, 13, 19 & 20. Land, level. Soil, 2nd rate, light sandy loam. Dense low sage brush. sparse grass.
40.00	N. 39° 55' W., on a random line, bet. secs. 13 & 19. Set temp. $\frac{1}{4}$ sec. cor.
79.63	Intersect W. bdy. of Tp. at point 5 lks. S. of cor. of secs. 13, 13, 19 & 24, whence I run, S. 39° 53' E., on a true line, bet. secs. 13 & 19. Over level land,
39.63	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. 13 in N. and S. 19 in S. half, dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high N. of cor.
79.63	To cor. of secs. 17, 13, 19 & 20. Land, level, slightly undulating. Soil, 2nd rate, light, sandy loam, moist. Sparse sage brush. Good grass in places.

Dec. 5, 1910.

- Chains, Dec. 6, 1910.  
At 8h a.m., 1.m.t. at the cor. of secs. 17, 18, 19 & 20,  
I set off  $22^{\circ}23'$  S. on the decl. arc, and  $35^{\circ}33'$  N. on the  
lat. arc, and determine a true meridian with the solar.  
Thence I run,  
N.  $0^{\circ}3'$  W., bet. secs. 17 & 13.  
Over level valley.
- 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,  
 $\frac{1}{4}$  S. 13 in W., and  
S. 17 in E. half,  
dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 76.63 Wash 20 lks. wide, course NW.
- 80.00 Set an iron post 3 ft. long 2 ins. in diam. 24 ins. in  
the ground for cor. of secs. 7, 3, 17 & 13,  
marked on brass cap,  
T. 25 N., R. 16 W. in N. half,  
S. 7 in NW.,  
S. 8 in NE.,  
S. 17 in SE., and  
S. 18 in SW. quadrants,  
dig pits 13x13x12 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, 2nd rate, sandy loam.  
Sparse sage brush. Good native grass in places.
- 
- S.  $89^{\circ}54'$  E, on a random line, bet. secs. 3 & 17.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 30.00 Intersect cor. of secs. 3, 9, 16 & 17, whence I run,  
N.  $39^{\circ}54'$  W., on a true line bet. secs. 3 & 17.  
Over level plain, stiff clayey soil sparse sage brush.
- 5.00 Wash, 50 lks. wide, course NW.
- 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,  
 $\frac{1}{4}$  S. 8 in N., and  
S. 17 in S. half,  
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 30.00 To cor. of secs. 7, 3, 17 & 13.  
Land, level.  
Soil, 2nd rate, sandy, clayey, stiff, heavy, moist.  
Sparse sage brush, good native grass.
- 
- N.  $89^{\circ}53'$  W. on a random line, bet. secs. 7 & 13.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 79.45 Intersect W. bdy. of Tp. at point 2 lks. S. of cor. of  
secs. 7, 12, 13 & 13, whence I run,  
S.  $89^{\circ}52'$  E., on a true line bet. secs. 7 & 13.  
Over level plain, through scattering sage brush.
- 39.45 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. 7 in N., and  
S. 13 in S. half,  
dig pits 13x13x12 ins. E. & W. of cor. 3 ft. dist., and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 74.36 Wash 20 lks. wide, course NW.
- 79.45 To cor. of secs. 7, 3, 17 & 13.  
Land, level.  
Soil, 2nd rate, stiff sandy loam, some clay.  
Sparse sage brush. Fair grass.

## Chains.

- N.  $0^{\circ} 3'$  W., bet. secs. 7 & 8.  
Over level valley.
- 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,  $\frac{1}{4}$  S. 7 in W. and S. 3 in E. half, dig pits 18x18x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 80.00 Set an iron post 3 ft. long, 2 ins. in diam. 24 ins. in the ground for cor. of secs. 5, 6, 7 & 8, marked on brass cap, T. 25 N., R. 16 W. in N. half, S. 6 in NW., S. 5 in NE., S. 3 in SE., and S. 7 in SW. quadrants, dig pits 18x18x12 ins. in each sec.  $5\frac{1}{2}$  ft. dist., and raise a mound of earth 4 ft. base, 2 ft. high W. of cor. Land, level.  
Soil, 2nd rate, heavy sandy loam.  
Undergrowth, scattering sage brush. Good native grass.
- 
- S.  $89^{\circ} 54'$  E. on a random line, bet. secs. 5 & 8.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.06 Intersect N. & S. line at point 5 lks. S. of cor. of secs. 4, 5, 6 & 9, whence I run, N.  $89^{\circ} 56'$  W., on a true line, bet. secs. 5 & 8.  
Over level valley, sparse sage brush.
- 40.03 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. 5 in N., and S. 3 in S. half, dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.
- 72.00 Wash, 50 lks. wide, course NW.
- 80.06 To cor. of secs. 5, 6, 7 & 8.  
Soil, 2nd rate, heavy sandy loam. Land level.  
Scattering sage brush. Good native grass in places.  
At this cor. at noon, I set off  $22^{\circ} 27'$  S. on the decl. arc, and observe the sun on the meridian.  
The resulting lat. is  $35^{\circ} 35'$  N.
- 
- N.  $89^{\circ} 52'$  W., on a random line, bet. secs. 6 & 7.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.,
- 79.30 Intersect W. bdy. of Tp. at a point 5 lks. S. of cor. of secs. 1, 6, 7 & 12., whence I run, S.  $89^{\circ} 50'$  E., on a true line bet. secs. 6 & 7.  
Over level valley.
- 39.30 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. 6 in N., and S. 7 in S. half, dig pits 18x18x12 ins. E. & W. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.
- 41.30 Wash 50 lks. wide, course NW.
- 79.30 To cor. of secs. 5, 6, 7 & 8.  
Land, level.  
Soil, 2nd rate, heavy sandy loam.  
Sparse sage brush. Fair grass in places.



## Subdivision of T. 25 N., R. 16 W.

## Chains.

- The cor. of secs. 5, 6, 31 & 32 on the N. bdy. being plainly visible, hence I run,  
 N. 0° 4' W., on a random line bet. secs. 5 & 6  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.27 Intersect cor. of secs. 5, 6, 31 & 32, on N. bdy. of Tp, whence I run,  
 S. 0° 4' E., on a true line, bet. secs. 5 & 6.  
 Over level or slightly undulating land.  
 40.27 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. 6 in W., and  
 S. 5 in E. half,  
 dig pits 13x13x12 ins. N. & S. of cor. 3 ft. dist., and raise a mound of earth  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high W. of cor.  
 44.50 Wash 20 lks. wide, course W.  
 62.00 Wash 20 lks. wide, course WNW.  
 72.20 Wash 50 lks. wide, course NW.  
 80.27 To cor. of secs. 5, 6, 7 & 8.  
 Land, level, undulating.  
 Soil, 2nd rate, heavy sandy loam.  
 Undergrowth, scattering sage brush, cacti. sparse grass.  
 Dec. 6, 1910.

## General Description.

T. 25 N., R. 16 W., lies in a nearly level valley, drainage to the NW.  
 The soil is mostly a sandy loam, ranging from loose light texture to a stiff heavy loam, with some clay. The soil in a great portion of the Tp. is underlain with a sedimentary calcareous conglomerate, with some clay.  
 The land is mostly covered with a good growth of the coarse native bunch grass, very dense in places, and also with sage brush and a few cacti.  
 There is good grazing throughout the Tp. and the land would produce well if irrigated.  
 There might at times be sufficient moisture to produce a winter crop of barley.  
 There is no water or timber in the Tp., nor any trace of settlement or occupation.

*Jesse B. Wright*  
 U.S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Phoenix, Ariz., March 25, 1912*

The foregoing field notes of the survey of *the subdivisions of T 5 N R 16 W,*  
*G & R. Meridian, Arizona,*

executed by *Jesse B. Wright* *U. S. Surveyor*  
under his special instructions dated *Sept. 16*, 191*0*, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the  
surveys they describe, are hereby approved.

*Frank S. Ingalls*  
U. S. Surveyor General.