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*Official
Unpublished
Material*

Subch. to Genl. U.L.O. File # 1892

Approved March 18, 1892

BOOK 571

No. 571

4-671

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FIELD NOTES

GENERAL LAND OFFICE.

San Joaquin Valley

T. 11. R. 1E.

Surveyed by John S. Smith

U.S. Deputy Surveyor

Under his contract No. 11

Dated November 1st 1890

Survey Commenced April 2nd 1890

Survey Completed May 7th 1890

1A

Inch

Township No. 28 North

270	272				184
268	270				183
265	267		5		182
264	265	262			181
260	262	257	180		178
256	257	254	178		176
253	254	251	175		173
249	251	248	173		171
245	247	243	170		168
241	243	240	167		165
237	239	236	165		163
233	235	232	163		161
229	231	227	160		158
225	227	223	158		156
221	223	219	155		153
217	219	215	153		151
213	215	211	150		147
209	211	207	147	145	142
205	207	203	145		142
201	203	199	142		140
197	199	194	140		138
192	194	188	137		135
187	189	186	135		133
	186		133		8

890.]

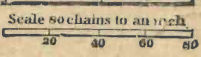
-X Plat:
Range No. 18 East Mer.

571

124				
3126	226	2		1 49
128	128			47
131	130			46
				45
10		11		4212
			42	
			86	40
			39	
			84	37
			37	
			83	35
			34	
15		84		3213
	80		32	30
	78	78		
115		76	29	27
	75		26	
112		73		24
	73		24	
1102		723		221
	71		21	
108		68		19
	68		19	
105		66		17
	65		16	
102		63		14
	63		14	
97		60		1225
	61		12	
97		59		10
	59		10	
95		57		8
	56		7	
92		54		5
	54		5	
9031		52 35		330
	52		2	
88		50		1
	50		1	

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Tree Meridian



1B

BOOK 571

"Note."

In the survey of the
subdivisions I use the
exterior as base lines.
They having been projected
by observations on Polaris -
also the solar apparatus.

Chains

From the cor. to Secs.

1. 2. 35 and 36 on the South
boundary of the Township
I run $N. 0^{\circ} 1' N.$ bet-
Secs. 35 and 36:

Va. $13^{\circ} E.$

Descend gradually.

20.00

Set a sandstone $16 \times 12 \times 4$ ins., 11 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on west
face, dug pits $12 \times 18 \times 12$ ins. north and south of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

Thence I run $N. 89^{\circ} 51' E$ on
a random line through
south $\frac{1}{2}$ Sec. 36.

Va. $13 E.$

20.00

Set temporary $\frac{1}{16}$ Sec. Cor.

40.00

" " $\frac{1}{16}$ " "

60.00

" " $\frac{1}{16}$ " "

79.86

Intersect east boundary
of Township 10 N. South

Chains Subdivisions T. 28. N. R. 18. E.

of the $\frac{1}{16}$ sec. cor. Mt. 0105.
31 and 36. Thence I run
S. $89^{\circ}47'N$. on a trail line
through south $\frac{1}{2}$ sec. 36.
To. $13^{\circ}E$.

over rolling country

19.98

Set a sandstone $14 \times 12 \times 4$ ins., 9 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north
face, dug pits $18 \times 18 \times 12$ ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

31.06

Trail bet. N. 7. and O.E.

38.11

Wash course N. 7. 10 1/4s. wide

39.93

Set a sandstone $16 \times 12 \times 3$ ins., 11 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north
face, dug pits $18 \times 18 \times 12$ ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

59.89.

Set a sandstone $15 \times 15 \times 3$ ins., 10 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north
face, dug pits $18 \times 18 \times 12$ ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

60.03

Wash 20 1/4s. wide course N. 7.

69.90

Trail bet. N. 7. and
O.E.

Chain Subdivisions T. 28 N. R. 18 E.

79.86 The 1/16 sec. cor.

Surface gently rolling.

Soil $\frac{2}{3}$ rate.
Good grass.

Thence S. 0° 1' W. bet. Secs.
35 and 36.

Va. 13° E.

40.00 Set a sandstone 15 X 9 X 5 ins., 10 ins.
in the ground, for 1/4 Sec. Cor., marked 114 on west
face, dug pits 18x18x12 ins north and south of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

Thence N. 89° 51' E on a
random line through
middle sec. 36.

Va. 13° E.

20.00 Set temporary 1/16 sec. cor.

40.00 " " " "

60.00 " " 1/16 " "

Chains Subdivisions T. 28 N. R. 18 E.

- 79.90 Sinteract east boundary of township at $1/4$ sec. cor. bet. secs. 31 and 36. thence S run. $20^{\circ} 51' N.$ on a true line through middle of 36 .
- Va. $130^{\circ} E.$
- Over rolling country
- 80.00 Trail bears N.W. and S.E.
- 19.97 Set a sandstone $24 \times 14 \times 4$ ins., 18 ins. in the ground, for $1/4$ Sec. Cor., marked $1/4$ on north face, dug pits $18 \times 18 \times 12$ ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
- 39.95 Set a sandstone $12 \times 10 \times 5$ ins., 8 ins. in the ground, for $1/4$ Sec. Cor., marked $1/4$ on north face, dug pits $18 \times 18 \times 12$ ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
- 48.50 Mark 12 $1/4$ wide corner N.W.
- 52.00 Mark 15 $1/4$ wide corner N.W.
- 56.50 Trail bet. N.W. & S.E.

Subdivisions T. 28 N. R. 18 E.

5992 Set a sandstone 10 X 9 X 6 ins., 6 ins. in the ground, for 1/16 Sec. Cor., marked 1/16 on north face, dug pits 18x18x12 ins East and West of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

7990 The 14 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Thence N. 0° 11' W. 1/4 Sec. 35 and 36,

To. 13° E.

6000 Set a sandstone 15 X 12 X 3 ins., 10 ins. in the ground, for 1/16 Sec. Cor., marked 1/16 on west face, dug pits 18x18x12 ins East and South of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

Thence N. 89° 51' E on a random line through north 1/2 Sec. 36.

To. 13° E.

Chains Subdivisions T. 23 N. R. 13 E.

- 20.00 Set temporary $\frac{1}{16}$ Sec. Cor.
- 40.00 " " $\frac{1}{16}$ " "
- 60.00 " " $\frac{1}{16}$ " "
- 79.81 Subtract east boundary of Township at the $\frac{1}{16}$ sec. cor. bet. sec. 31 and 36. Then I run S. 89° 51' W. on a true line through north- $\frac{1}{2}$ sec. 36.
- Ta. 13° E.
- Over rolling country.
- 130.00 Trail bears N.W. and S.E.
- 179.95 Set a sandstone 10 X 8 X 7 ins., 6 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
- 26.90 Trail bears N.W. and S.E.
- 39.90 Set a sandstone 9 X 8 X 7 ins., 6 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

Chains. Subdivisions T. 22 N. R. 18 E.

56.75 Trail from N.W. and south E

59.85 Set a sandstone $12 \times 8 \times 6$ ins., 8 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits $18 \times 18 \times 12$ ins. east, and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

68.00 Wash 20 Mo. wide course N.W.

74.00 Wash 30 Mo wide course N. 80° W.

79.81 The $\frac{1}{16}$ sec. cor.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Truss I continual N. 0° W.

W. Sec. 35 and 36.

$\frac{1}{2}$ 13° E

62.70 Wash 40 Mo. wide course West

78.25 Trail from N.W. and S.E.

80.00 Set a sandstone $16 \times 13 \times 3$ ins., 11 ins. in the ground for Cor. to Secs. 25, 26, 35 and 36 marked with $\frac{1}{16}$ notch on S. and $\frac{1}{16}$ notches on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Sec. 5 1-2 ft. dist. and raised a mound of earth 2 ft. high, 4 1-2 ft. base, alongside.

Subdivisions T. 29. N. R. 18. E.
 Chains.

Surface gently rolling.

Soil 2nd rate.

Good grass.

N. 89° 51' E on a random
 line bet. Secs. 25 and 36.
 Va. 13° E.

20.00 Set temporary 1/16 Sec. Cor.

40.00 " " 1/4 " "

60.00 " " 1/16 " "

79.85 Indirect east boundary of
 township 7 Ms. north of the
 Co. to Secs. 25, 30, 31, and
 36. Hence I run S. 89°
 54' W. on a true line
 bet. Secs. 25 and 36

Subdivisions T. 28N.....R. 18 E.
 Chain.

Va. 13° E.

over rolling country

11.15 Trail from N.W. and S.E.

18.60 Trail from N.W. and S.E.

19.96 Set a sandstone...13 X 12 X 3...ins., 8...ins.
 in the ground, for 1/16 Sec. Cor., marked 1/16...on north...
 face, dug pits 18x18x12 ins. east...and west...of stone
 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

30.00 Trail from N.W. and S.E.

39.92 Set a sandstone...12 X 10 X 8...ins., 8...ins.
 in the ground, for 1/4 Sec. Cor., marked 1/4...on north...
 face, dug pits 18x18x12 ins. east...and west...of stone
 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

59.88 Set a sandstone...12 X 12 X 4...ins., 8...ins.
 in the ground, for 1/16 Sec. Cor., marked 1/16...on north...
 face, dug pits 18x18x12 ins. east...and west...of stone
 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

79.85 The Cor. to 010. 25.26 35 and 36

Surface gently rolling.

Soil 2nd rate.

Good grass.

Chains Subdivisions T. 23. N. R. 13. E.

N. 0° 11' N. W. Sec. 25 and 26
 Va. 13° E.

Over rolling country.

20.00

Set a sandstone 12 X 10 X 5 ins., 8 ins.
 in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on west
 face, dug pits 18x18x12 ins. north and south of stone
 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

Thence I run N. 89° 51' E
 on a random line through
 south $\frac{1}{2}$ sec. 25.
 Va. 13° E.

20.00 Set temporary $\frac{1}{16}$ sec. cor.

40.00 " " $\frac{1}{16}$ " "

60.00 " " $\frac{1}{16}$ " "

79.96 Subtract east boundary of
 township at the $\frac{1}{16}$ sec.
 cor. between sec. 25 and 30.

Thence I run N. 89° 51' E
 on a true line through
 south $\frac{1}{2}$ sec. 25

Subdivisions T. 28 N. R. 18 E.

Va. 13° E.

Over rolling country.

1531 Trail born. N. 10° W. and S. 10° E.

1999 Set a sandstone 9 X 8 X 7 ins. 6 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

2141 Trail born N. and S.

39.98 Set a sandstone 8 X 8 X 8 ins. 5 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

45.15 Trail born N. W. and S. E.

59.47 Set a sandstone 10 X 8 X 7 ins. 7 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

79.96 The cor. To $\frac{1}{16}$ sec.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Subdivisions T. 28 N. R. 18 E.

Chains

Thence I continue N. 0° 15' W.
 1/4 Sec. 25 and 26.

40.00

Set a sandstone 12 X 14 X 5 ins., 8 ins.
 in the ground, for 1/4 Sec. Cor., marked 1/4 on west
 face, dug pits 18x18x12 ins. north and south of stone
 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

Thence I run N. 89° 51' E,

on a random line
 through middle section 25
 Va. 13° E,

20.00

Set temporary 1/16 sec. cor.

40.00

" " 1/4 " "

60.00

" " 1/16 " "

80.00

Intersect east boundary of
 township at 1/4 sec. cor.
 1/4 Sec. 25 and 30.

Thence I run S 89° 51' W
 on a true line
 through middle sec. 25.
 Va. 13° E.

10.76

Trail bears N. 25° W. and S. 25° E.

Subdivisions T. 28 N. R. 18 E.
 chains

N. 70	Trail for N. W. and S. E.
20.00	Set a sandstone 12 X 8 X 5 ins., 8 ins. in the ground, for 116 Sec. Cor., marked 116 on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
35.20	Trail from N. W. and S. E.
40.00	Set a sandstone 12 X 8 X 6 ins., 8 ins. in the ground, for 114 Sec. Cor., marked 114 on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
60.00	Deposited a marked stone 12 ins. in the ground for 116 Sec. Cor., dug pits 18X18X12 ins. east and west of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it. In east pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 116 S, on north face,
61.75	Cross intersection of two trails one from N. W. and S. E. the other N. E. and S. W.
80.00	The 1/4 sec. cor. Surface gently rolling. Soil 2 nd rate. Good grass.

Chains Subdivisions T. 28 N. R. 18 E.

Thence I continue 71.00 $1^{\circ} 11' N$.
 bet. S.W. 25 and 26

60.00

Deposited a marked stone 12 ins. in the ground,
 for $\frac{1}{16}$ Sec. Cor., dug pits $18 \times 18 \times 12$ ins. $\frac{1}{16}$ and
 sank of corner 5 $1-2$ ft. d. t., and raised a mound of
 earth 1 $1-2$ ft. high 3 $1-2$ ft. base over it.

In north pit drove a stake 2 ft. long 2 ins. square,
 12 ins. in the ground, marked $\frac{1}{16}$ S, on west face,

Thence I run $N. 89^{\circ} 51' E$.
 on a random line
 through north $\frac{1}{2}$ sec. 25
 Ta. $13^{\circ} E$.

20.00 Set temporary $\frac{1}{16}$ sec. cor.

40.00 " " $\frac{1}{16}$ " "

60.00 " " $\frac{1}{16}$ " "

80.04 Intersect east boundary
 of township 15 $1/4$ s. south
 of $\frac{1}{16}$ sec. cor. bet. S.W.
 25 and 30. Thence I run
 $S. 89^{\circ} 45' N$. on a true
 line through north $\frac{1}{2}$

Chains Subdivisions T. 28 N. R. 18 E.

Sec. 25

To. 130 E.

Over rolling country

13.75 Trail to N.W. and S.E.

18.50 " " " " "

20.01 Set a sandstone ¹⁵X ⁹X ⁶ ins., 10 ins. in the ground, for ¹¹⁶ Sec. Cor., marked ¹¹⁶ on *north* face, dug pits 18x18x12 ins. *east* and *west* of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

30.00 Trail to N.W. and S.E.

40.02 Deposited a marked stone 12 ins. in the ground, for ¹¹⁶ Sec. Cor., dug pits 18X18X12 ins. *east* and *west* of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In *east* pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked ¹¹⁶ S, on *north* face,

42.40 Trail to N.W. and S.E.

48.75 " " " " "

52.75 " " *north* " *South*

60.03 Deposited a marked stone 12 ins. in the ground, for ¹¹⁶ Sec. Cor., dug pits 18X18X12 ins. *east* and *west* of corner 5 1-2 ft. dist. and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In *east* pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked ¹¹⁶ S, on *north* face,

16

BOOK 571

Chains. Subdivisions T. 28 N. R. 18 E.

69.30 Trail bears N.E. and S.W.

77.70 " " N.W. " S.E.

80.04 The 416 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Thence I continued N. 0° 1' W.
 bet. Obs. 25 and 26.

6330 Trail to N. W. S.E.

70.65 " " E. and N.

80.00 Set a sandstone 16 X 13 X 3 ins. 11
 ins. in the ground for Cor. to Secs. 23, 24, 25 and 26
 marked with 2 notches on S. and 1 notch on E.
 edges, dug pits 18X18X12 ins. in each Sec. 5-1-2 ft.
 dist. and raised a mound of earth 2 ft. high, 4 1-2 ft.
 base, alongside.

Surface gently rolling.

Soil 2nd rate.

Good grass.

Subdivisions T. 28 N. R. 18 E.

Chain

N. $89^{\circ}51' E.$ on a random
line bet. sec. 24 and 25
Ta. $13^{\circ} E.$

2000 Set temporary $\frac{1}{16}$ sec. br.

4000 " " $\frac{1}{4}$ " "

6000 " " $\frac{1}{16}$ " "

80.14 Indirect east boundary
of Township 25 N. south
of the cor. to sec. 19, 24,
25 and 30. Then I
ran S. $89^{\circ}40' W.$ on a
true line bet. sec.
24 and 25.

Ta. $13^{\circ} E.$

Over rolling country

6000 Trail and rd road N. $20^{\circ} W.$
and S. $20^{\circ} E.$

800 Enter corn field from N + S

1900 Leave " " " N + S.

Chains

Subdivisions T. 28 N. R. 18 E.

20.03

Set a sandstone 9 X 8 X 7 ins., 6 ins. in the ground, for $\frac{1}{16}$ Sec. Cor. marked $\frac{1}{16}$ on ~~west~~ north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

26.70

Trail from N.W. and S.E.

38.70

" " " " "

40.07

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18x18x12 ins. east and west of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

In east 12 ins. in the ground, marked $\frac{1}{4}$ on north face,

42.70

Water hole. 14 x 10 ft.
on line -

60.10

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18x18x12 ins. east and west of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

In east 12 ins. in the ground, marked $\frac{1}{16}$ S, on north face,

62.85 Double trail to N.W. and S.E.

80.14 The cor. to S110. 23.24.25 and 26

Surface gently rolling.

Soil 2nd rate.

Good grass.

April 21st 1891

Subdivisions T. 28 N. R. 13 E.

15.40 N. 0° 1' N. bet. Secs. 23 and 24
Va. 13° E.

over gently rolling country
Trail runs east and west.

20.00 Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. north and
south of corner 5-12 f. from corner. Laid a mound of
earth 1 1/2 ft. high 3 1/2 ft. long over it.

In north pit dug a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{16}$ S. on west face,

Thence I run N. 89° 51' E. on
a random line through
south $\frac{1}{2}$ Sec. 24.

Va. 13° E.

20.00 Set temporary $\frac{1}{16}$ sec. cor.

40.00 " " $\frac{1}{16}$ " "

60.00 " " $\frac{1}{16}$ " "

80.12 Intersect east boundary
of Township 15 N. south
of $\frac{1}{16}$ sec. cor. bet. secs
19 and 24. Thence I run

Subdivisions T. 28 N. R. 18 E.

Chambers

S. $89^{\circ} 45'$ W. on a true
line through south $1/2$
Sec. 24.

Va. 13° E.

over gently rolling country.

11.75 Trail trans. N.W. and S.E.

15.70 Trail trans. N.W. and S.E.

20.03

Set a sandstone $12 \times 8 \times 6$ ins., 8 ins.
in the ground, for $1/16$ Sec. Cor., marked $1/16$ on north
face, dug a $18 \times 18 \times 12$ ins. *E90⁶* and *west* of stone
5-1-2 f. dist. and $1/2$ of each 1-2 ft.
high, 3-1-2 in. diam., using 30,

32.22 Trail trans. N.W. and S.E.

35.00 *E90⁶* corn field trans. N.W. and S.E.

40.46

Deposited a marked stone 12 ins. in the ground,
for $1/16$ Sec. Cor., dug pit $10 \times 18 \times 12$ ins. *E90⁶* and
west of corner 5-1-2 f. dist. and raised a mound of
earth 1-2 ft. high, 3-1-2 in. diam. over it.

In *E90⁶* pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $1/16$ S. on north face,

42.75 *E90⁶* corn field trans. N.W. and S.E.

47.45 Trail trans. N.W. and S.E.

54.90

" " " " "

60.00

" " " " "

Subdivisions T. 28 N. R. 18 E.

Shant.

60.09

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., d g p's 10X18X12 ins *east* and *west* of corner 5 1-2 f. dist. and raised a mound of earth 1 1/2 f. hg. 31-41 bars over it.

In *east* pit drove a stake 2 f. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$...S, on *north* face,

76.00

Trail bear. N. 25° W and S. 25° E.

80.12

The $\frac{1}{16}$ sec. cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Thence I continue N. 0° 1' N.

bet. Secs. 23 and 24.

28.00

Trail bear. east and west.

42.00

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., d g p's 10X18X12 ins *north* and *south* of corner 5 1-2 f. dist. and raised a mound of earth 1 1/2 f. hg. 31-41 bars over it.

In *north* pit drove a stake 2 f. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{4}$...S, on *west* face,

Thence I run N. 89° 5' 1" E

on a random line

Subdivisions T. 28 N. R. 18 E.
 Chains

Through middle sec. 24.

$\gamma_a. 13^\circ E.$

20.00 Set temporary $\frac{1}{4}$ sec. cor.

40.00 " " $\frac{1}{4}$ " "

60.00 " " $\frac{1}{16}$ " "

80.05 Intersect east boundary of township 11 $\frac{1}{16}$ south of $\frac{1}{4}$ sec. cor. bet. secs.

19 and 24. Thence I run $S. 89^\circ 47' N.$ on a true line through middle sec. 24

$\gamma_a. 13^\circ E.$

Over level country.

6.00 Wash 12 $\frac{1}{16}$ wide course S. N.

15.25 Trail 200. N. N. and S. E.

20.01

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. east... and west... of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In east... pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on north face,

Chains. Subdivisions T. 28. N. R. 18. E.

35.10 Trail near N.W. C.S.E.

38.50 " " " "

40.02 Deposited a marked stone 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor., dug pits 18X18X12 ins *East* and *West* of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In *East* pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{4}$ S, on *North* face,

53.25 Trail near A.W. and S.E.

60.03 Deposited a marked stone 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor., dug pits 18X18X12 ins *East* and *West* of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In *East* pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{4}$ S, on *North* face,

80.05 The $\frac{1}{4}$ sec. cor.

Surface level

Soil 2nd. rate

Grass fair

Subdivisions T. 23 N. R. 10 E.

Thence I continue N. 0° 1' W.
 bet. 2105, 23 and 24,
 4850 Trail run. NW. 2nd Q.E.

60.00

Deposited a marked stone 12 ins. in the ground,
 for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. north and
 south of corner 5 1-2 ft. d.t., and raised a mound of
 earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In north pit drove a stake 2 ft. long, 2 ins. square,
 12 ins. in the ground, marked $\frac{1}{16}$ S. on west face,

Thence I run N. 89° 5' E.
 on a random line
 through north $\frac{1}{2}$ of
 sec. 24.

Pa. 13° E.

25.00 Set temporary $\frac{1}{16}$ sec. cor.

40.00 " " $\frac{1}{16}$ " "

60.00 " " $\frac{1}{16}$ " "

79.90 Set true east boundary
 of Township 18 1/2 south-
 of $\frac{1}{16}$ sec. cor. bet.
 2105, 19 and 24. Thence

Subdivisions T. 28 N. R. 18 E.

Chains

I run S. 89° 43' W. on
a hnt line through
with 1/2 sec. 24.
4a. 13° E

Nearly level surface

6.00 Enter cornfield from N.W.S.

9.50 Trail from N.W. + S.E.

10.00 Leave cornfield from N.W.S.

49.98

Set a sandstone 9...X...8...X...7...ins., 6...ins.
in the ground, for 1/16 Sec. Cor., marked 4/16 on north
face, dug pits 18x18x12 ins. east and west of stone
5 1-2 ft. d.t., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

" Enter cornfield from N.W.S.

21.20 Trail from N.W. and S.E.

34.00 Leave cornfield from N.W.S.

39.95

Deposited a marked stone 12 ins. in the ground,
for 1/16 Sec. Cor., dug pits 18X18X12 ins. East and
west of corner 5 1-2 ft. d.t., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In East pt dove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked 1/16...S, on north face,

43.00

Enter cornfield from N.W.S.

Subdivisions T. 28. N. R. 18. E.

Chains

45.00 Lean corn field near N. & S.

59.97

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pit 18X18X12 ins. east and west of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high 3 1-2 ft. base over it.

In east pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S. on north face,

67.20 Trail near N. N. & S. E.

68.00 Entire corn field near N. & S.

72.00 Lean " " " "

79.90 The $\frac{1}{16}$ Sec. Cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Thru I continuing N. 0. 1/4 N.
 Mt. Secs. 23 and 24

63.00. Entire corn field near E & N.

71.00 Lean " " " "

75.30 Trail near E and N.

Chart

Subdivisions T. 28. N. R. 18. E.

80.00

Deposited a marked stone 12 ins. in the ground, for Cor. to Secs. 13, 14, 23, & 24, dug pits 18X18X12 ins. in each Sec., 5 1-2 ft. dist., and raised a mound of earth 2 ft high, 4 1-2 ft. base over it.

In S. E. pit drove a stake 2 in. square, 2 ft. long 12 ins. in the ground, marked

T. 28 N. S. 13 on N. E.

E. 18 E. S. 24 on S. E.

S. 23 on S. W, and

S. 14 on N. W. faces, with 3 notches on S. and 4 notches on E. edges.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Thru I run N. 89° 51' E
on a random line
bet. Div. 13 and 24
7/16 13° E.

20.00
40.00
60.00
80.00

Set temporary 1/16 oil cor.
" " 1/4 " "
" " 1/16 " "

Intersect west boundary of township 3 lks.
mark of Cor. to Secs. 13, 18, 19 and 24.
Thru I run S. 89° 52' W.

Subdivisions T. 28 N.....R. 18 E.

Chains

- on a true line bet nos.
13 and 24
70. 13° E.
- over gently rolling surface.
- 17.50 Trail bears N. N. E. and
cuts cornfield near N. S.
- 22.80 Trail bears S. W. and N. E. and
- Set a sandstone 16 X 9 X 6 ins., 11 ins.
in the ground, for 1/16 Sec. Cor., marked 1/16 on north
face, dug pits 18x18x12 ins. east and west of stone
5 1-2 f. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,
- 22.80 Levee and wash on N. S.
- 24.00 Trail bears S. W. and N. E.
near cornfield in. N. W. 1/4 S. E.
- 36.00 Hayrack road bears S. E. and N. W.
- 39.93 Trail to S. E. and N. W.
- 40.00 Deposited a marked stone 12 ins. in the ground,
for 1/4 Sec. Cor., dug pits 18x18x12 ins. East and
west of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.
In east pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked 1/4 S, on north face,

Subdivisions T. 28 N. R. 18 E.
Chains.

6000 Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. ^{east} and ^{west} of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.
In ^{east} pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on ^{mark} ~~mark~~ face.

7850 Trail from N.W. and S.E.

8000 To cor. to Secs. 13, 14, 23 & 24

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Thence I run N. 00° W.
To Secs. 13 and 14
To 15° E.

Running over gently rolling country
9.15 Trail from E. N.W.

6.00 " " " " " "

8.00 Walk 30 hrs. wide corner S.W.
Ascend gradually.

31.

BOOK 571

Subdivisions T. 28. N. R. 18. E.
chains.

20.00 Set a sandstone $1\frac{1}{2}$ X 7 X 6 ins., 8 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on $\frac{1}{16}$ face, dug pits $10 \times 13 \times 12$ ins. $\frac{1}{16}$ north and south of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

Then I run $N. 89^{\circ} 51' E.$
on a random line
through south $\frac{1}{2}$ sec.
13.

Pa. $13^{\circ} E.$

20.00 Set temporary $\frac{1}{16}$ sec. cor

40.00 " " " "

60.00 " " " "

80.14 Indicate east boundary
of Township $14 \frac{1}{2}$ South
of $\frac{1}{16}$ sec. cor. pt.
Nos. 13 and 18. Then

I run $S. 89^{\circ} 45' N.$ on
a true line through south
 $\frac{1}{2}$ sec. 13.

Pa. $13^{\circ} E.$

Subdivisions T. 28 N. R. 18 E.
chains.

over gently rolling country

20.03

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. east. and west. of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In 144th pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on west. face,

21.50

Trail from N. 25° W. to S 25° E.

25.20

" " nearly north & south

40.07

Set a sandstone 9... X... 8... X... 7... ins., 6... ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north. face, dug pits 18x18x12 ins. east. and west. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

40.20

Trail from N. W. and S. E.

57.80

" " " " "

60.09

Set a sandstone 16... X... 10... X... 4... ins., 11... ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north. face, dug pits 18x18x12 ins. east. and west. of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

78.75

Wash 30 W. side corner SW.

80.14

The $\frac{1}{16}$ sec. cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

32.

BOOK 571

Chains

Subdivisions T. 28 N. R. 18 E.

Thence I continue $71.0^{\circ} 1' N.$
 bet. sec. 13 and 14

25.75 Trail from. East N.

40.00

Set a sandstone $13 \times 8 \times 5$ ins. 8
 ins. in the ground, for $1/4$ Sec. Cor., marked $1/4$ on
 west face, and raised a mound of stone 1-2 ft. high
 2 ft. base, alongside. Pits impracticable.

Thence I run $71.89^{\circ} 51' E$
 on a random line
 through middle section 13.
 Ta. $13^{\circ} E.$

20.00 Set temporary $1/16$ sec. cor.

70.00 " " $1/4$ " "

60.00 " " $1/16$ " "

80.00 Indirect east boundary of
 Township 16 N. 1/2 mi. south of
 the cor. to $1/4$ sec. bet.
 sec. 13 and 18. Thence I
 run $S. 89^{\circ} 44' W.$ on a
 true line through mid.

Chains

Subdivisions T. 28 N. R. 18 E.

11/16 Sec. 13.

No. 13° E

Ground very gradually -

19.00

Trail from N. 85° E and S. 85° W.

20.01

Set a sandstone 9... X... 8... X... 7... ins., 6... ins. in the ground, for 1/16 Sec. Cor., marked 1/16 on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

23.50

Trail from N.E. and S.W.

27.00

" " N.W. " S.E.

40.02

Set a sandstone 9... X... 8... X... 7... ins., 6... ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

60.03

Set a sandstone 9... X... 8... X... 7... ins., 6... ins. in the ground, for 1/16 Sec. Cor., marked 1/16 on north face, dug pits 18x18x12 ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

64.90

Wash 30 1/2 in wide corner S.W.

64.90

Trail from N.W. and S.E.

75.50

" " " " "

79.55

" " " " "

Subdivisions T. 28 N. R. 18 E.

Chains.

80.05 *Th* "4 *SIL. COR.*

Surface gently rolling.

Soil 2nd rate,

Grass fair.

Thence I continue N. 11° W.

At. 100. 13 and 14.

41.30 *Trais bear N. W. & S. E.*

43.00 " " E. and N.

46.50 " " " "

51.00 *Stone house 35 1/2 s. east of line.*

51.20 *Trais bear east and west.*

54.00 *Road bear N. E. and S. W.*

60.00 Set a sandstone 12 X 8 X 6 ins. 8 ins.
in the ground, for 1/6 Sec. Cor., marked 1/6 on *nd.*
face, dug pits 18x18x12 ins. *north* and *south* of stone
5 1-2 ft. d. et., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

Thence I run N. 89° 51' E.

Chains. Subdivisions T. 28 N. R. 18 E.

on a random line through
north $\frac{1}{2}$ sec. 13

Pa. 13° E.

20.00 Set temporary $\frac{1}{16}$ sec. cor.

40.00 " " " " "

60.00 " " " " "

80.06 Introsuk east boundary of

township 14 Mo. south of
the $\frac{1}{16}$ sec. cor. bet. Secs.

13 and 18. Then I run

S. $89^{\circ} 45' 11''$ N. in a true line
through north $\frac{1}{2}$ sec. 13

Pa. 13° E.

over gently rolling country

20.01

Set a sandstone 12 X 8 X 6 ins., 8 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north
face, dug pits 18x18x12 ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

32.80

Trail runs N. 5° W
and S. 5° E.

Chains Subdivisions T. 28 N.....R. 18 E.

40.03

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{6}$ Sec. Cor., dug pits 18X18X12 ins. *east* and *west* of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In *east* pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{6}$ S, on *west* face,

60.04

Set a sandstone $12 \times 8 \times 6$ ins., 8 ins. in the ground, for $\frac{1}{6}$ Sec. Cor., marked $\frac{1}{6}$ on *west* face, dug pits 18x18x12 ins. *east* and *west* of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

63.00

Mark 30 $\frac{1}{6}$ wide course south.

66.65

Trail mark N.W. and S.E.

70.70

Wagon road to Hous Canyon
N.W. and S.E.

80.06

The $\frac{1}{6}$ Sec. cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Subdivisions T. 28 N. R. 18 E.

Chains

Thence I continue 71.00 N.

W. Sec. 13 and 14.

62.80 Trail runs E. and N.

67.20 Major road from and to Harms' Canyon runs E. & N.

77.50 Road²⁰ E. & N

80.00 Set a sandstone $12 \times 8 \times 6$ ins. 8 ins. in the ground for Cor. to Secs. 11, 12, 13, 14 marked with 4 notches on S. and 1 notch on E. edges, and raised a mound of stone 1-2 ft. high, 2 ft. base, alongside. Pits impracticable.

Surface gently rolling.

Soil 2nd rate.

Grass scarce.

Thence N. $89^{\circ} 51'$ E. on a random line W. Sec. 12 & 13

7a. 13° E.

20.00 Set temporary $1/16$ Sec. Cor.

44.00 " " $1/4$ " "

60.00 " " $1/2$ " "

Chambers Subdivisions T. 28 N. R. 18 E.

- 79.84 Intersect east boundary of township 15 lks. south of Cor. to Secs. 7, 12, 13 and 18
- Thru S. run $S. 89^{\circ} 45' N.$
on a line line bet. Secs.
12 and 13.
- Ya. $13^{\circ} E$
- Over rolling country
- 3.50 Wagon road bet. M. O.
- 19.96 Set a sandstone $20 \times 12 \times 9$ ins., 15 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits $18 \times 18 \times 12$ ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
- 24.50 Wagon road bet. N.E. and S.W.
- 28.00 Trail bet. N.W. and S.E.
- 33.40 Damu Trail bet. N.E. and S.W.
- 38.00 " " " N.W. and S.E.
- 39.92 Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits $18 \times 18 \times 12$ ins. east and west of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.
- In 1907 pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on north face,

Chams. Subdivisions T. 28 N. R. 18 E.

44.80 Wash 40 ft. wide course SW.

47.50 " 30 " " " south

59.88 Deposited a marked stone 12 ins. in the ground for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. ~~last~~ and ~~next~~ of corner 5 1-2 ft. dia., and raised a mound of earth 1 1-2 ft. high 3 1-2 ft. base over it.

In ~~last~~ pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on ~~north~~ face,

79.84 The cor. to Secs. 11, 12, 13 and 14

Surface gently rolling.

Soil 2nd rate.

Some grass

April 22nd 1894

N. 0° 11' N. Mt. sec. 11 and 12
Ta. 13° E.

Across over small hills.

20.00 Set a sandstone 14 X 13 X 3 ins. 9 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on ~~next~~ face, and raised a mound of stone 1 1-2 ft. high 2 ft. base, alongside. Pits impracticable.

Thence I run N. 89° 51' E

Subdivisions T. 28 N. R. 18 E.
 Chains.

- on a random line
 through south $\frac{1}{2}$ sec. 12
 Ta. 13° E.
- 20.00 Set temporary $\frac{1}{16}$ sec. cor.
 40.00 " " $\frac{1}{16}$ " " 0.5
 60.00 " " $\frac{1}{16}$ " " "
- 80.14 Substant east boundary of
 Township 11 Mo. South of
 $\frac{1}{16}$ sec. cor. Set sub.
 T and 12 then I run
 D. $89^{\circ}46'$ W. on a true
 line through south $\frac{1}{2}$
 sec. 12.
 Ta. 13° E.
- Over gently rolling country
- .70 Trail ran N.W. and S.E.
 675 Hagen road ran N.E. and S.W.
- 20.03 Set a sandstone $10 \times 9 \times 6$ ins., 7 ins.
 in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north
 face, dug pits $18 \times 18 \times 12$ ins., east and west of stone
 5-1-2 ft. dist., and raised a mound of earth 1-1-2 ft.
 high, 3-1-2 ft. base, alongside.

Subdivisions-T. 28. N. R. 18. E.

Chains

- 31.40 Haym road bet N.W. and S.E.
- 32.70 Wash 50 lbs. wide leowne S.W.
- 35.50 Dam road bet. N.E. and S.W.
and into corn field bet. N.E. and S.W.
- 40.07 Set a sandstone 12...X...12...X...8...ins.,...7...ins.
in the ground, for 1/16 Sec. Cor., marked 1/16...on north
face, dug pits 18x18x12 ins., east and west of stone
1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,
- 41.25 Lean corn field bet. N.E. and S.W.
- 59.75 Trail bet. North and South
- 60.60 Set a sandstone 12...X...9...X...6...ins.,...8...ins.
in the ground, for 1/16 Sec. Cor., marked 1/16...on north
face, dug pits 18x18x12 ins., east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,
- 73.00 Accord broken hills
- 76.00 Stone corral 50 lbs. north
- 78.00 To Bill's new stone house
bet. North 3 chains -
(Partly built)
- 80.14 The 1/16 sec. cor.
Surface gently rolling.
Soil 2nd rate.
Grass poor.

Chains. Subdivisions T. 28 N. R. 18 E.

- Thence I continue $N. 0^{\circ} 1' N.$
bet. sec. 11 and 12.
- 23.00 Trail ran. east and west
to Tobias Spring
- 36.00 Trail ran. N.E. and S.W.
- 40.00 Set a sandstone $2\frac{1}{2} \dots X \dots 8 \dots X \dots 8 \dots$ ins., $N \dots$ ins.
in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on mol
face, dug pits $18 \times 18 \times 12$ ins., $N. \dots$ and $S. \dots$ of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,
- Thence I run $N. 89^{\circ} 51' E.$
on a random line
through middle sec. 12.
 $\frac{1}{4}$ Sec. $13^{\circ} E.$
- 2000 Set temporary $\frac{1}{16}$ sec. cor.
- 4000 " " $\frac{1}{4}$ " "
- 6000 " " $\frac{1}{16}$ " "
- 80.06 Indirect east boundary
of township 8 $\frac{1}{2}$ Ms. south
of the $\frac{1}{4}$ sec. cor. bet.
Secs. 7 and 12. Thence I

Chains.

Subdivisions T. 28 N. R. 18 E.

run S. $89^{\circ}48'N$. on a
true line through middle
sec. 12.

To. $13^{\circ}E$.

Over gently rolling country

20.01

Set a sandstone $10 \times 9 \times 6$ ins., 7 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north-
face, dug pits $18 \times 18 \times 12$ ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

29.00

Trail bears N. and S.

29.50

Wash 30 Ms. mid course south
Ascend gradually

40.03

Set a sandstone $12 \times 7 \times 6$ ins., 8 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north-
face, dug pits $18 \times 18 \times 12$ ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

44.30

Trail bears N. and S.

50.00

" " N.E. and S.W.

55.00

Euler Corn field bears N.S.

60.04

Set a sandstone $10 \times 13 \times 6$ ins., 11
ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on
north face, and raised a mound of stone 1 1-2 ft. high.
2 ft. base, alongside. Pits impracticable.

Chambers. Subdivisions T. 28 N. R. 18 E.

and have corn field on Mrs.
7500 Trail trans. N.E. and SW.
to Spring.

80.06 The 1/4 sec. cor. on east
slope of sand hills -
and as the land is
unfit for agricultural
purposes to the north -
I discontinue the
section line and return
to the 1/16 sec. cor. on
the east boundary bet.

Sec. 7 and 12

Surface rolling

Soil 2nd and 3rd. rate

Some grass

Subdivisions T. 28 N. R. 18 E.

chains

From the $\frac{1}{16}$ sec. cor. on east boundary of township 28 N. 7 and 12 north of $\frac{1}{4}$ sec. cor. S run. S $89^{\circ}51' N.$ on a true line through north $\frac{1}{2}$ sec. 12 Va. $13^{\circ} E.$

Ascend gradually

20.00

Set a sandstone $15 \times 10 \times 4$ ins., 10 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits $18 \times 18 \times 12$ ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

27.50

Trail from N.W. and S.E.

34.00

Enter corn field from N.W. and S.E.

38.30

Leave " " " "

40.00

Set a sandstone $12 \times 7 \times 6$ ins., 8 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits $18 \times 18 \times 12$ ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

42.00

Trail from N.E. and S.W.

43.50

" " " " "

46.

BOOK 571

Chains # Subdivisions T. 28 N..... R. 18 E.

60.00

Set a sandstone 13 X 10 X 5 ins. 8
ins. in the ground, for 1/16 Sec. Cor., mark 1 1/16 on
north face, and raised a mound of stone 1 1-2 ft. high
2 ft. base, alongside. Pits impracticable.

Foot of ascent to mesq
I therefore discontinue
the line

Surface rolling,
Soil Ind. rate -
Grass fair.

From the cor. to sec.
16.7 and 12 on the east
boundary I run
S. 89° 51' W. on a true
line bet. Secs. 1 and 12
Ta. 13° E.

Ascent gradually
3.50 Trail bears. N. E.
and S. W.

Chains

Subdivisions T. 28 N. R. 18 E.

20.00

Set a sandstone $14 \times 10 \times 9$ ins., 9 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north face, dug pits $18 \times 18 \times 12$ ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

24.70

Trail from N.E. and S.W.

30.05

" " " " "

40.00

Set a sandstone $16 \times 10 \times 4$ ins., 11 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on north face, dug pits $18 \times 18 \times 12$ ins. east and west of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

I discontinued the line west on account of mesa.
 Surface rolling.
 Soil Ind. rate.
 Grass fair.

From the $\frac{1}{16}$ sec. cor on the east boundary bet. sec. 1 and 6, north of $\frac{1}{16}$ cor. to sec. 6, 7 and 12. I run

Chains. Subdivisions T. 28 N. R. 18 E.

D. 89° 51' N. on a true
line through south $\frac{1}{2}$
sec. 1.

Va. 13° E.

Acres gradually.

3.00

Trail from N.E. and S.W.

20.00

Set a sandstone 17 X 10 X 6 ins., 12 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north
face, dug pits 18x18x12 ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

35.00

Round point of hill bet.
E. and N.

40.00

Top. hill near E. or N. about
60 ft. high, and

Set a sandstone 15 X 12 X 5 ins., 10 ins.,
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north
face, dug pits 18x18x12 ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,

I discontinue line west on
account of hills and meadow
before rolling.
Soil 2nd. rate.
Grass fair.

Subdivisions T. 28 N. R. 18 E.
 Champs.

From the $\frac{1}{4}$ sec. cor. on east
 boundary lot. no. 1 and 6
 I run S. $89^{\circ}51'N$. on
 a true line through
 middle sec. 1.

To $13^{\circ}E$.

2.50 Trail runs - N.E. and N.

20.00 Set a sandstone $18 \times 12 \times 6$ ins., 12 ins.
 in the ground, for $\frac{1}{4}$ Sec. Cor., marked 16 on north
 face, dug pits $18 \times 18 \times 12$ ins. east and west of stone
 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
 high, 3 1-2 ft. base, alongside,

The remainder of sec. 1.
 is broken, hilly land
 therefore I discontinue
 running more lines
 in it.

Surface rolling.
 Soil 2nd rate.
 Grass fair

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Chains.

Subdivisions T. 28 N. R. 18 E.

From the cor. to sec-
2, 3, 34 and 35 on the
south boundary
of the township I run
N. 0° 11' W. bet. secs.

34 and 35

Ya. 130° E

Over gently rolling country

20.00

Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{16}$ Sec. Cor., dug pit 18X18X12 ins. ~~with~~ and
~~put~~ of corner 5 1-2 ft. d't., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In ~~with~~ pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{16}$ S. on ~~with~~ face,

Thence I run N. 89° 51' E
on a random
line through south $\frac{1}{2}$
sec. 35

Ya. 13° E.

Over rolling country

20.00 Out. temporary $\frac{1}{16}$ on cor.

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Chains.

- 40.00 Set boundary $\frac{1}{16}$ sec. cor.
- 1,000 " " " "
- 19.80 Intercept N and S. line 25
links north of $\frac{1}{16}$ sec.
cor. thence I run
N. 84° 58' W. on a true line
through south $\frac{1}{2}$ sec. 35
to 13° E.
- Over rolling country
- 19.50 Mark 30 Ma side corner SW.
- 9.95 Set a sandstone, 18 X 12 X 8 ins., 14 ins.
in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on north
face, dug pits 18x18x12 ins. east and west of stone
5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft.
high, 3 1-2 ft. base, alongside,
- 8.00 Trail from NW and SE.
- 9.90 Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. east and
west of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.
In east pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{16}$ S. on north face,
- 57.80 Trail from NW and SE.

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Subdivisions T. 28 N. R. 18 E.
Chains.

59.85

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. ~~east~~ and west of corner 5 1-2 ft. d.t., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In east pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on north face,

79.80

The $\frac{1}{16}$ sec. cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Thence I continue N. 77° 17' W.
bet. sec. 34 and 35

40.00

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{14}$ Sec. Cor., dug pits 18X18X12 ins. ~~east~~ and south of corner 5 1-2 ft. d.t., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In ~~east~~ pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{14}$ S, on ~~east~~ face,

Thence I run N. 89°
51' E. on a random
line through the
middle sec 35

Chains

Subdivisions T. 28 N. R. 18 E.

7¹/₂. 13° E.

- 20.00 Set temporary 1/16 sec. cor.
- 40.00 " " 1/4 " "
- 60.00 " " 1/8 " "
- 80.10 Substruck N. & S. line 30 Ms. north of 1/4 sec. cor. then I run N. 89° 56' 17" on a true line through middle sec. 35

7¹/₂. 13° E.

Over rolling country

- 20.82 Deposited a marked stone 12 ins. in the ground for 1/16 Sec. Cor., dug pits 18X18X12 ins. east and west of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it. In east pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/16 S, on north face,

- 21.90 Wash 25 Ms. wide across N.W.

- 40.05 Deposited a marked stone 12 ins. in the ground, for 1/4 Sec. Cor., dug pits 18X18X12 ins. east and west of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it. In east pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/4 S, on north face,

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Chains Subdivisions T. 28 N. R. 18 E.

40.50

Trail bears N. 25° W. and S 25° E.

60.18

Deposited a marked stone 12 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. East and west of corner 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In east pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked $\frac{1}{16}$ S, on north face,

70.25

Trail bears N. and S.

80.10

The 114 sec. cor.

Surface rolling.

Soil 2nd rate.

Grass fair.

Thence I continue N. 0° 11' N. W. 110 34 and 35

60.00

Set a sandstone 25 X 16 X 12 ins., 18 ins. in the ground, for $\frac{1}{16}$ Sec. Cor., marked $\frac{1}{16}$ on west face, dug pits 18x18x12 ins. north and south of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,

Thence I run N. 89° 51' E.

Subdivisions T. 28 N. R. 18 E.

Chambers

on a random line through
north $\frac{1}{2}$ sec. 35.

To. 13° E.

20.00 Set temporary $\frac{1}{16}$ sec. cor.

40.00 " " $\frac{1}{16}$ " "

60.00 " " $\frac{1}{16}$ " "

80.20 Substant N. & S. line 27

ft. north of $\frac{1}{16}$ sec. cor
thence I run N. 89° 57' W.

on a true line through
North $\frac{1}{2}$ sec. 35.

To. 13° E.

Over rolling country

20.05 Deposited a marked stone 12 ins. in the ground,
for $\frac{1}{16}$ Sec. Cor., dug pits 18X18X12 ins. ~~east~~ and
~~west~~ of corner 5 1-2 ft. dist., and raised a mound of
earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In ~~west~~ pit drove a stake 2 ft. long, 2 ins. square,
12 ins. in the ground, marked $\frac{1}{16}$ S. on ~~west~~ face,

22.80 Wash 20 ft. with course NW,

Subdivisions T. 28 N. R. 18 E.

40.10

Deposited a marked stone 12 ins. in the ground, for 1/6 Sec. Cor., dug pits 18X18X12 ins. east and west of corner 5 1-2 ft. d. t., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In east pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/6 S, on north face,

47.10

Trail from N. 20° W. and S. 20° E -

50.15

Deposited a marked stone 12 ins. in the ground, for 1/6 Sec. Cor., dug pits 18X18X12 ins. east and west of corner 5 1-2 ft. d. t., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base over it.

In east pit drove a stake 2 ft. long, 2 ins. square, 12 ins. in the ground, marked 1/6 S, on north face,

55.00

Trail from nearly N. and S.

80.20

The 1/6 sec. cor.

Surface gently rolling.

Soil 2nd rate.

Grass fair.

Then I continue N. 0° 17' W. Sec. 24 and 30

80.00

Set a sandstone 15 X 12 X 3 ins. 10 ins. in the ground for Cor. to Secs. 26, 27, 34, 35 marked with 1 notch on S. and 2 notches on E edges, dug pits 18X18X12 ins. in each Sec. 5 1-2 ft. dist. and raised a mound of earth 2 ft. high, 4 1-2 ft. base, alongside.

Surface gently rolling.

Soil ~~1st~~ rate.

Grass fair.

Thru I run $29.89^{\circ} 51' E.$
 on a random line
 bet. sec. 26. and 35.
 $\frac{1}{4}$ 13° E.

20.00 Dit temporary $\frac{1}{16}$ sec cor.
 40.00 " " $\frac{1}{4}$ " "
 60.00 " " $\frac{1}{6}$ " "

80.14 Intersect. T. & S. line 27140
 north of cor. to sec. 25.
 26. 35 and 36, thru I
 run $71.84^{\circ} 57' N.$ on a
 true line bet. sec.
 26 and 35
 $\frac{1}{4}$ 13° E.

Ground very gently.

Chains Subdivisions T. 28 N..... R. 18 E:

.25	Trail near N.W. and S.E.
9.00	" " N.E. " S.W.
16.00	" " " "
20.04	Set a sandstone 10... X... 9... X... 6... ins.,... 6... ins. in the ground, for 1/16 Sec. Cor., marked 1/16... on north face, dug pits 18x18x12 ins. East and West of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
48.07	Set a sandstone 12... X... 8... X... 6... ins.,... 8... ins. in the ground, for 1/4 Sec. Cor., marked 1/4... on north face, dug pits 18x18x12 ins., East and West of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
48.00	Mark 15 1/2 mile corner SW.
53.80	Trail near N.W. and S.E.
60.00	Set a sandstone 15... X... 12... X... 3... ins.,... 10... ins. in the ground, for 1/16 Sec. Cor., marked 1/16... on north face, dug pits 18x18x12 ins. East and West of stone 5 1-2 ft. dist., and raised a mound of earth 1 1-2 ft. high, 3 1-2 ft. base, alongside,
70.50	Trail on N.W. + S.E.
80.14	The cor. to sec 26, 27, 34 and 35
	Surface gently rolling,
	Soil 2 nd rate.
	Grass fair.

U. S. Surveyor-General's Office,

TUCSON, A. T., *Feb. 6th* 1882

The foregoing Field Notes of the Surveys of
Subdivisions T^h. 24. N. R. 18 E.
 of the

Gila and Salt River Meridian
 in *the Territory of Arizona* executed by
John S. Smith

U. S. Deputy Surveyor, under his contract dated
November 2nd 1890

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Ripae & Johnson
 U. S. Surveyor-General
 for the Territory of Arizona.