

1572

1572

BOOK 1572

F I E L D       N O T E S  
OF THE SURVEY OF THE  
EXTERIORS

N. S. & E. Bds. T. 13 S., R. 19  
E., & Boundaries of T. 13 S., Rs.  
30 & 31 E., T. 14 S., Rs. 31 &  
32 E., and T. 15 S., Rs. 31 & 32  
E.

Gila and Salt River Base and  
Meridian,

ARIZONA.

By R. C. Powers, D. S., under  
Contract dated Feby. 27, 1883.  
Survey commenced Mch. 12, 1883.  
Survey completed Apr. 3, 1883.

# Book No. 1572

|                       |                |                |                |                |                       |                |                |                       |                |                |                |                |                |                       |               |                       |               |               |               |               |               |                       |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|-----------------------|----------------|----------------|----------------|----------------|-----------------------|----------------|----------------|-----------------------|----------------|----------------|----------------|----------------|----------------|-----------------------|---------------|-----------------------|---------------|---------------|---------------|---------------|---------------|-----------------------|-----------------------|-----------------------|----|----|----|--|--|--|--|--|--|--|--|--|
| 177                   | 179            | 181            | 182            | 184            | 186                   | 175            | 174            | 172                   | 170            | 165            | 167            | 125            | 126            | 125                   | 123           | 121                   | 121           | BOOK          | 1572          |               |               |                       |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
| 6                     | 5              | 4              | 8              | 2              | 1                     | 46             | 5              | 4                     | 3              | 2              | 1              | 66             | 5              | 4                     | 3             | 2                     | 1             |               |               | 5             | 36            |                       |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       | 12             |                |                       |                |                |                | 12             |                |                       |               |                       |               |               |               | 12            | 5             | 17                    |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
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| <b>BOOK 1572</b>      |                |                |                |                | 24                    | 18             | 9              | 19                    |                |                |                |                | 24             | 19                    | 19            |                       |               |               |               | 24            | 18            | 19                    |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       | 25             | 15             | 7                     | 30             |                |                |                |                | 25                    | 19            | 7                     | 30            |               |               |               |               | 25                    | 4                     | 7                     | 30 |    |    |  |  |  |  |  |  |  |  |  |
| 31                    | 32             | 33             | 34             | 35             | 36                    | 15             | 31             | 32                    | 33             | 34             | 35             | 36             | 10             | 31                    | 32            | 33                    | 34            | 35            | 36            | 4             | 5             | 31                    | 32                    | 33                    | 34 | 35 |    |  |  |  |  |  |  |  |  |  |
| <del>130</del>        | <del>132</del> | <del>134</del> | <del>136</del> | <del>138</del> | <del>140</del>        | <del>143</del> | <del>145</del> | <del>147</del>        | <del>149</del> | <del>151</del> | <del>153</del> | <del>102</del> | <del>100</del> | <del>99</del>         | <del>96</del> | <del>94</del>         | <del>92</del> | <del>86</del> | <del>37</del> | <del>39</del> | <del>41</del> | <del>10</del>         |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
| 6                     | 5              | 4              | 3              | 2              | 1                     | 6              | 5              | 4                     | 3              | 2              | 1              | 8              | 9              | 6                     | 5             | 4                     | 3             | 2             | 1             | 3             | 4             | 6                     | 5                     | 4                     | 3  | 2  |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 12             | 8              | 7                     | 7             |                       |               |               |               | 12            | 3             | 2                     | 7                     |                       |    |    |    |  |  |  |  |  |  |  |  |  |
| <i>P. 142, R. 29E</i> |                |                |                |                | <i>P. 142, R. 30E</i> |                |                |                       |                | 13             | 8              | 5              | 18             | <i>P. 142, R. 31E</i> |               |                       |               |               | 13            | 3             | 0             | 18                    | <i>P. 142, R. 32E</i> |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 24             | 8              | 2                     | 19            |                       |               |               |               | 24            | 8             | 19                    |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 25             | 8              | 0                     | 30            |                       |               |               |               | 25            | 2             | 6                     | 30                    |                       |    |    |    |  |  |  |  |  |  |  |  |  |
| <b>BOOK 1572</b>      |                |                |                |                | 36                    | 7              | 8              | 31                    | 32             | 33             | 34             | 35             | 36             | 2                     | 4             | 31                    | 32            | 33            | 34            | 35            |               |                       |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 7              | 6              | 7                     | 4             | 7                     | 2             | 9             | 0             | 6             | 8             | 6                     | 13                    | 15                    | 15 | 19 | 21 |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 1              | 6              | 3                     | 6             | 5                     | 4             | 3             | 2             | 1             | 1             | 6                     | 5                     | 4                     | 3  | 2  |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 12             | 6              | 1                     | 7             |                       |               |               |               | 12            | 9             | 7                     |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
| <i>P. 152, R. 29E</i> |                |                |                |                | <i>P. 152, R. 30E</i> |                |                |                       |                | 13             | 5              | 9              | 18             | <i>P. 152, R. 31E</i> |               |                       |               |               | 13            | 7             | 18            | <i>P. 152, R. 32E</i> |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 24             | 5              | 8                     | 19            |                       |               |               |               | 24            | 5             | 19                    |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 25             | 5              | 7                     | 30            |                       |               |               |               | 25            | 3             | 30                    |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |
|                       |                |                |                |                |                       |                |                |                       |                |                |                | 36             | 5              | 5                     | 31            |                       |               |               |               | 36            | 1             | 31                    |                       |                       |    |    |    |  |  |  |  |  |  |  |  |  |

By Sp. 15

For Prel  
 and decess  
 instrumen  
 book No.  
 Survey  
 March 18

From t  
 to Sp. 15  
 recently  
 me I for

Or, by Sp 130, 11, 31E - 118 - 120

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E. By T. P. 15 S. R. 31 E.  
 5 + S. R. 31 W.

bls.

For Preliminary Notes  
 and description of  
 instrument used - See  
 Book No. 1 -

Survey commenced  
 March 12<sup>th</sup> 1883 -

From the Standard Cor  
 to T. P. 15 S. R. 31 + 32 E  
 recently established by  
 me from North belt  
 Secs 31 + 36 -

ba  $13^{\circ} 25' E$

40.00

Deposited marked  
 stone 12 ins in the  
 ground for  $\frac{1}{4}$  Sec Cor  
 Plug pits  $18 \times 18 \times 12$   
 ins N + S of stone  $5\frac{1}{2}$   
 ft. dist, and raised  
 a mound of earth  $\frac{1}{2}$

E. By. Tp 15 S. R 31 E.

Obs-

ft. high  $3\frac{1}{2}$  ft. base  
over it, in N. pit  
drove stake 2 ft. long  
2 ins sq. 12 ins in the  
ground - marked  $\frac{1}{4}$  S  
in N face -

80,00

Deposited marked  
stone 12 ins in the  
ground for cor. to  
Secs 25-30-31 & 36 -  
dug pits  $18 \times 18 \times 12$   
ins in each Sec  
 $5\frac{1}{2}$  ft. dist. and  
raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$   
ft. base over it, in  
S. E. pit drove stake  
2 ft. long 2 ins sq. 12  
ins in the ground

E. By Sp 10-1. R 31 E

Obs-

marked - S 15 - S. S 30 on N E

R 32 E, S 31 on S E

R 31 E, S 36 on S. W

and S 25 on N. W

faces with 1 notch on  
S + 5 notches on N  
edges.

Surface level

Soil 1<sup>st</sup> rate

Mesquite & catclaw brush

Good grass

North hbk. Secs 25 + 30

va 13° 25' E

40.00 Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  sec cor  
ding pits - 18 x 18 x 12 ins  
N + W of stone 5  $\frac{1}{2}$  ft

E. By. Sp. 15 S. R. 31 E -

Chs -

dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it -

I in it pit - drove stake 2 ft. long 2 ins sq. 12 ins in the ground - marked  $\frac{1}{4}$  on W face -

80.00

Deposited marked stone 12 ins in the ground for Cor. to Secs 19 - 24 - 25 - 30 - dug pits  $18 \times 18 \times 12$  ins in each Sec  $5\frac{1}{2}$  ft. dist and raised a mound of earth 2 ft. high,  $4\frac{1}{2}$  ft. base over it

E. By - Sp 15 S. R 31 E.

lbs-

in S. E. pit - drove  
stake 2 ft. long 2 ins  
sq - 12 ins in the  
ground marked

T 15 S. S 19 on N E

R 32 E. S 30 on S. E

R 31 E. S 25 on S. W

and S 24 on N. W

faces with 2 notches  
on S & 4 notches on N  
edges -

Surface level

Soil 1st rate

Dense grainwood -  
calceolaria and mesquite  
brush -

North hub, Dec 19 + 24

ba 13025'E



E. By. Df 15 S. R 31 E.

Chs-

40.00

Deposited marked stone 12 ins in the ground for  $\frac{1}{4}$  Sec Cor. dug pits  $18 \times 18 \times 12$  ins N & S of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it, in N. pit drove stake 2 ft. long 2 ins sq - 12 ins in the ground - marked  $\frac{1}{4}$  S on W face -

66.00

Cross road bet N. W and S. E  $70^\circ$

80.00

Deposited marked stone 12 ins in the ground for Cor. to Secs 18-19 & 24, dug pits  $18 \times 18 \times 12$  ins in each Sec  $5\frac{1}{2}$

E. By - Dp 15 - S. R 31 E -

lbs -

ft. dist. and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base over it, in S. E pit drove stake 2 ft. long 2 ins sq 12 ins in the ground marked S 15 S. S 18 on N. E. -  
 R 32 E. S 19 on S. E.  
 R 31 E. S 24 on S. W and S 13 on N. W faces with 3 notches on N + S edges -

Surface level  
 Soil 1<sup>st</sup> rate  
 Dense greasewood & catclaw brush -

North bet. Secs 13 & 18

E. By Sp 15 S. R 31 E.

cls-

T<sub>13</sub> 130° 25' E

40.00

Deposited marked stone 12 ins in the ground for  $\frac{1}{4}$  Sec Co., dug pits 18 x 18 x 12 ins N + S of stone  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it, in W. pit drove stake 2 ft. long 2 ins sq 12 ins in ground marked  $\frac{1}{4}$  S on W face.

80.00

Deposited marked stone 12 ins in ground for Co. to Secs 7-12 - 13 & 18 - dug pits 18 x 18 x 12 ins in each Sec  $5\frac{1}{2}$  ft. dist. and

E. By - 515 - L. R 31 E

Obs -

raised a mound of  
 earth 2 ft. high  $4\frac{1}{2}$   
 ft. base over it, in  
 S. E pit drove stake  
 2 ft. long 2 ins sq -  
 12 ins in the ground  
 marked 515 S S 7 on N. E.,  
 R 32 E, S 18 on S. E.,  
 R 31 E, S 13 on S W  
 and S 12 on N W  
 faces with 4 notches  
 on S + 2 notches on N  
 edges -

Surface level  
 Soil ~~at~~ rate,  
 gravelly -  
 Dense undergrowth

North bet. Secs 7 & 12

E. By Sp 15 - S. R 31 E

Obs -

- Pa 130 25' E
- 40.00     Set a granite stone  
 14 x 12 x 10 ins 9 ins  
 in the ground for  
 1/4 sec pos. - marked  
 1/4 on W face and  
 raised a mound  
 of stone alongside -  
 pits impracticable
- 80.00     Set volcanic stone  
 12 x 10 x 8 ins 8 ins  
 in the ground for  
 pos. to Secs 1-6-7+12  
 marked with 5 notches  
 on S + 1 notch on W  
 edges - Dig pits 18 x  
 18 x 12 ins at each  
 Sec 5 1/2 ft. dist. and  
 raised a mound of

E. By Sp 10- S. R 31 E

Obs -

earth 2 ft. high h  $4\frac{1}{2}$   
ft. base along side -  
Surface level -  
Soil 1st rate

Dense catclaw and  
greasewood brush -  
Some grass

---

North bet. Secs 1 & 6

To  $130^{\circ}25'E$

40.00

Set a post 3 ft. long  
3 ins sq - with marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  sec  
Loc. marked  $\frac{1}{4}$  S on

N face - dug pits  
 $18 \times 18 \times 12$  ins N & S  
of post  $5\frac{1}{2}$  ft. dist -  
and raised a mound

E. By. S. 15 S. R 31 E

Obs.

of earth  $1\frac{1}{2}$  ft -  
high  $3\frac{1}{2}$  ft. base  
around post -

80.00

Set a post  $4\frac{1}{2}$  ft -  
long 4 ins sq. with  
marked slot 12

ins in the ground  
for Cor. to Sps - 14

+ 15 S. R 31 E - 314.32 E -

marked S 14 S. S 31 on NE

R 32 E. S 6 on S E -

S 15 S. S 1 on SW

and R 31 E. S 36 on NW

faces with 6 notches  
on each edge - dug  
pits  $24 \times 18 \times 12$  ins  
lengthwise on each  
line 6 ft. dist. and  
raised a mound  
of earth  $2\frac{1}{2}$  ft -

E. By. T. 15 S. R. 31 E.

Obs -

high 5 ft. base around  
post

Surface level  
Soil 1st rate

Dense greasewood  
and catclaw brush  
Some grass -

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N. By. T. 15 S. R. 32 E.

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From the Co. to Tps  
14 + 15 S. R. 31 + 32 E.  
just established by me  
I run - E bit dead  
31 and 6 -

ba. 13° 25' E



St. By Sp 15 S. R 32 E -

Chs-

Allowing 45 lbs for  
convergence -

39.55 Set a post 3 ft. long  
5 ins sq - with marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  S on St-  
face - Dig pits 18 x 18  
2 12 ins E & W of post  
5  $\frac{1}{2}$  ft. dist. and raised  
a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft.  
base around post

79.55 Set a post 4 ft. long  
4 ins sq - with marked  
stone 12 ins in the ground  
for Cor - to Secs - 5-  
6-31 & 32 - marked -  
5.4 S. S 32 on N. E.  
R 32 E. S 5 on S. E -

N. By - T<sub>p</sub> 15 S. R<sub>32</sub> E -

Obs-

T<sub>15</sub>-S. S<sub>6</sub> on S. W.  
 and S<sub>31</sub> on N. W  
 faces with 1 notch  
 on W and 5 notches  
 on E edges - dug pits  
 18 x 18 x 1/2 ins in each  
 See 5 1/2 ft. disk and  
 raised a mound of  
 earth 2 ft. high 4 1/2  
 ft. base around post  
 Surface level

Soil 2<sup>nd</sup> rate, gravelly  
 Dense greasewood and  
 mesquite brush -  
 Some grass -

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East bel. Sees 5+32  
 Va 13025'E

St. By - Sp 15 N. R 32 E

Obs-

10,00

Became brush - enter

prairie -

40,00

Set a post 3 ft. long  
3 ins sq. with marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  S on N. face  
dug pits 18 x 18 x 12  
ins  $\frac{1}{2}$  E + W of post  
5  $\frac{1}{2}$  ft. dia. and  
raised a mound of  
earth  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. base around  
post

76,00

Cross San Simon  
creek 15 lbs wide  
course N. 22° W -

78,56

Cross road bra -  
N. W + S E 18° -

Cr. Bay - Dp 15 N. R 32 E -

Chs -

80.00

Set a post 4 ft. long  
 4 ins sq. with marks  
 down 12 ins in the ground  
 for Cor. to Secs 4-5-32  
 and 33 - marked S 14 S -  
 S 33 on N. E. R 32 E. S -  
 4 on S. E. S 15 S. S 5 on  
 S. W. and S 32 on N. W.  
 faces with 2 notches  
 on W and 1 notch on  
 on E edges. dig pits  
 18 x 18 x 12 ins in each  
 Sec. 5 1/2 ft. dia. and  
 raised a mound of  
 earth 2 ft. high 4 1/2  
 ft. base around post  
 surface level  
 Soil, 1st rate  
 Good grass  
 No timber

St. By. Sp 15 N. R 32 E.

Obs-

E. bek. Secs 4 + 33

Tr 13025' E

11,00

Enter dense undergrowth

40,00

Set post 3 ft. long  
3 ms sq. with marks  
stone 12 ms in the  
ground for  $\frac{1}{4}$  Sec Cor  
marked  $\frac{1}{4}$  S on N-  
face, dug pits 15 x 15  
x 12 ms  $\frac{1}{4}$  N of post  
5  $\frac{1}{2}$  ft. dia. & raised

a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft.  
base around post.

80,00

Set a post 4 ft. long  
4 ms sq. with marks  
stone 12 ms in the  
ground for Cor. to  
Secs - 3-4-33734-

N. By - T<sub>p</sub> 15 N. R<sub>32</sub> E

Chs-

marked S<sub>14</sub> S. S<sub>34</sub> on N. E  
R<sub>32</sub> E. S<sub>30</sub> on S. E,  
S<sub>15</sub> S. S<sub>40</sub> on S. W -  
and S<sub>33</sub> on N. W

faces with 3 notches  
in E + W edges - dug  
pits 18 x 18 x 18 ins in  
each See 5 1/2 ft.  
diam. and raised a  
mound of earth 2 ft.  
high 1/2 ft. base around  
pits -

Surface level

Soil 1<sup>st</sup> rate

Dense undergrowth  
last 69 chs -

E. bet. Secs 37-34 -

Da 15025' E

St. Bay - Sp. 15 - N. R 32 E

Obs-

40,00

Set a granite stone  
 $12 \times 8 \times 6$  ins  $\times$  ins in  
 the ground for  $\frac{1}{4}$  Sec  
 Co. marked  $\frac{1}{4}$  on N  
 face. dig pits  $18 \times 18 \times$   
 $12$  ins E & W of stone  
 $5\frac{1}{2}$  ft. dist. and raised  
 a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft.  
 base along side

80,00

Set a granite stone  
 $16 \times 12 \times 12$  ins  $11$  ins  
 in the ground for  
 Co. to Secs - 2-3-34  
 + 35 - marked with  
 4 notches on N and  
 2 notches on E edges  
 dig pits  $18 \times 18 \times 1\frac{1}{2}$   
 ins in each Sec -  
 $5\frac{1}{2}$  ft. dist. and

N. By - Sp 15 - N. R 32 E

chs -

raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$   
ft. base along side  
surface level -  
Soil 2<sup>nd</sup> rate, gravelly  
Dense undergrowth -

---

E. bet. Secs 2 & 35

To 13° 25' E -

O. over level

surface

27.18

Intersect boundary  
line bet. Arizona and  
New Mexico - 17.30 chs  
South of the 333<sup>d</sup> mile  
cor - which is a -  
Trap rock set firmly  
in the ground - marked  
333 N. W. - A on W and



N. By - 515 N. R 32 E

Chs.

N. M on E. face - with notches  
with pits  $24 \times 18 \times 12$   
ins N. S. E + W of stone  
6 ft. dist. and mound  
of earth  $2\frac{1}{2}$  ft. high  
5 ft. base along side

At point of intersection  
I set a granite  
stone  $16 \times 12 \times 8$  ins 11  
ins in the ground for  
closing cod. to 5 ps -  
14 + 15 ft. R 32 E, marked  
C.C. with A on W and  
N. M on E faces with  
6 notches on N + S and  
5 notches on W face  
and raised a mound  
of stone along side  
Pits unpracticable

A. By - Sp 15 - N. R 32 E

Obs -

Surface level  
Soil <sup>2<sup>nd</sup></sup> rate

Dense undergrowth

I carefully examined  
the adjustments of  
my Solar Compass  
to-day particularly  
the altitude and  
reversing apparatus  
and found them  
correct -

March 12<sup>th</sup> 1883

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E. By - Sp 14 S. R 31 E -

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From the Cor. to Sp  
14 + 15 S. R 31 + 32 E

E. By 5p 14 S. R 31 E -

Chs -

recently established  
by me - I run -  
Northern hbr. Secs 31  
and 36 -

ba  $13^{\circ}25'E$ 

40.00

Set a post 3 ft.  
long 3 ins sq - with  
marked stone 12 ins  
in the ground for  
 $\frac{1}{4}$  sec Chs. marked  $\frac{1}{4}$   
S on N. face, dig pits  
 $18 \times 18 \times 12$  ins N + S of  
stone  $5\frac{1}{2}$  ft. dist. and  
raised a mound of  
earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base around post

80.00

Deposited marked  
stone 12 ins in the  
ground for Cor. to  
Secs 25 - 30 - 31 & 36

E. By Sp 14 S. R 31 E

Chs-

dug pits 18 x 18 x 12  
 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  
 stake 2 ft. long 2 ins  
 sq - 12 ins in the ground  
 marked - S 14 S. S 30 on N. E.  
 R 32 E. S 31 on S. E.  
 R 31 E. S 36 on S. W and  
 S 25 on N. W faces -  
 with 1 notch on S  
 and 5 notches on N  
 edges -

Surface level

Soil sandy - 1<sup>st</sup> rate

Dense undergrowth

Some grass

E. B. Dp. 14 S. R 31 E.

Chs-

North bet. trees 25+30

to 13° 25' E

6.00

Enter Park - good grass -

40.00

Deposited unmarked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec Cor  
Dug pits 18 x 18 x 12  
ins N + S of stone,  
5  $\frac{1}{2}$  ft. dia. and raised  
a mound of earth  
1  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft.  
base over it - in  
N. pit drove stake  
2 ft. long 2 ins sq.  
12 ins in the ground  
marked  $\frac{1}{4}$  S of N  
face -

79.00

Cross San Simon  
creek 10 lbs wide  
course N 15° W -

E. By - 1/4 S. R 31 E -

Obs -

80.00

Deposited marked stone  
 12 ins in the ground for  
 Cor. to Secs 19-24-25  
 & 30 - dug pits 18 x 18 x  
 12 ins in each sec  
 5 1/2 ft. dia. and raised  
 a mound of earth 2 ft.  
 high 4 1/2 ft. base over it  
 in S. E. pit drove a  
 stake 2 ft. long 2 ins  
 sq - 12 ins in. The ground  
 marked S 1/4 S. 19 on N. E  
 R 32 E. S 30 on S. E  
 R 31 E. S 25 on S. W  
 and S 24 on N. W  
 faces - with 2 notches  
 on S & 4 notches on N  
 edges -

Surface level  
 Soil sandy loam - 1st rate

E. By - Sp 14 S. R 31 E.

Chs -

Good grass -

---

N. bet. Secs 19 + 24  
 T<sub>14</sub> 13025'E

11,40 Cross road hrs -

N, W + S. E.

30,13

Cross another road  
 hrs E + W -

40,00

Deposited marked  
 stone 12 ins in the  
 ground for  $\frac{1}{4}$  Sec Coor-  
 ding pits 18 x 18 x 12 ins  
 N of S of stone 5  $\frac{1}{2}$  ft-  
 dist. and raised a  
 mound of earth  
 $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft-  
 base over it - In  
 N pit drove stake  
 2 ft. long 2 ins sq.

E. B. Dp 14 S. R 31 E

cls-

12 ins in the ground -  
 marked  $\frac{1}{4}$  S on N face -  
 40,40 Old line of telegraph  
 posts hrs N 10 E & S 81 W  
 80,00 Set a post 4 ft. long  
 4 ins sq with marks  
 above 12 ins in the  
 ground for Co to see -  
 13-18-19 & 24 - marked  
 T 14 S. S 18 on N. E.  
 R 32 E. S 19 on S. E.  
 R 31 E. S 24 on S. W  
 and S 13 on N. W faces  
 with 3 notches on  
 N & S edges - dug  
 pits - 18 x 18 x 12 ins  
 in each sec. 5  $\frac{1}{2}$   
 ft. disk and raised  
 a mound of earth  
 2 ft. high  $\frac{1}{2}$  ft.



30 -  
BOOK 1572

E. By Tp 14 S. R. 3. E.

Chs.

base around post  
Surface level  
Soil sandy loam  
1st rate  
Good grass -  
\_\_\_\_\_

N. bet. Secs 13 + 18 -  
T. a 13' 25" E

Enter dense undergrowth -

40.00 Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec. Co-  
ding pit 18 x 18 x 12 ins  
N. of S. of stone  $5\frac{1}{2}$  ft.  
diam. and raised a mound  
of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$   
ft. base over it -  
In N. pit drove  
a stake 2 ft. long

E. By Sp 14 S. R 31 E

Chs-

2 ins sq - 12 ins in  
the ground - marked  
 $\frac{1}{4}$  S on W. face -

5076

Cross road lies -  
E & W -

8090

Deposited a marked  
stone 12 ins in the  
ground for Cor. to Sec.  
7-12-13 & 18, dug pits  
 $18 \times 18 \times 12$  ins in each  
Sec.  $5\frac{1}{2}$  ft. dist. and  
raised a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft. base  
over it, in S. E. pit  
drove a stake 2 ft.  
long 2 ins sq 12 ins  
in the ground - marked  
S  $\frac{1}{4}$  S.  $\frac{1}{2}$  on N. E.  
R 32 E. S 18 on L. E.  
R 31 E. S 13 on S. W.

E. By Sp 14 S. R 3, E

Chs-

and S. 12 on N. W-  
faces - with 4 notches  
on S & 2 notches on N  
edges -

Surface level  
Soil 2<sup>nd</sup> rate gravelly  
Dense greasewood  
and mesquite brush

---

St. hel. Sec 7 + 12  
T<sub>1</sub>a 13025'E

40,00

Deposited marked  
stone 12 ins. in the  
ground for  $\frac{1}{4}$  Sec Co-  
drag pits 18 x 18 x 12  
ins ft & S of stone  $5\frac{1}{2}$   
ft. dist. and raised  
a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft.

E. By. Sp 14 S. R 31 E

Chs-

base over it. In  
N. pits drove a stake  
2 ft. long 2 ins sq - 12 ins  
in the ground - marked  
 $\frac{1}{4}$  S and W. face

80.00

Set a granite stone  
12 x 10 x 8 ins 8 ins in  
the ground for Cos. to  
bees 1-6-7 + 12 - marked  
with 1 notch on W  
5 notches on S edges.

Dug pits 18 x 18 x 12 ins  
in each see 5  $\frac{1}{2}$  ft -  
disk, and raised a  
mound of earth 2 ft -  
high 4  $\frac{1}{2}$  ft. base  
along side -

Surface level -  
Soil gravelly 2<sup>nd</sup> rate  
Dense greasewood & mesquite brush

E. Bay - Sp 14 S. R. 3. E

Chs-

North bak sees 446  
ba 13025'E

40.00 Set a granite stone  
16 x 8 x 6 ins 11 ins in  
the ground for 1/4 Sec  
Coo. marked 1/4 on W  
face. dug pits 18 x 18 x  
12 ins N & S of stone  
5 1/2 ft. dist. and raised  
a mound of earth  
1 1/2 ft. high 3 1/2 ft. base  
along side -

47.00 Cross road bet West & S.E.

49.00 Telegraph line bet  
bet S 75° 0' 11" E + N 75° 0' 11" W

49.67 S. P. Ry. bet - S 75° 0' 11" E +  
N 75° 0' 11" W -

80.00 Deposited marked  
stone 12 ins in the  
ground for Coo. to

E. By - Sp 14 S. R 31 E

Obs -

Dps - 13 + 14 S. R 31 E 32  
 East - dug pits 24 x 18 x  
 12 ins. lengthwise on  
 each line N, S, E + W  
 of stone 6 ft. dist. and  
 raised a mound of earth  
 2 1/2 ft. high 5 ft. base  
 over it. In S. E.  
 pit drove stake  
 2 ft. long 2 ins. sq. - 12  
 ins. in the ground, marked  
 S 13 S. S 31 on N. E.  
 R 32 E. S 6 on S. E.  
 S 14 S. S 31 on S. W -  
 and R 31 E. Sec 36 on N. W  
 faces with 6 notches  
 on each edge.

Surface level  
 Soil gravelly 2<sup>nd</sup> rate  
 Dense oakwood brush

St. By Sp 14 S. R 32 E -

Chs

St. By - Sp 14 S. R 32 E

---

From the bar to Sp -  
 13 + 14 S. R 31 + 32 E -  
 just established - I  
 from East - bet. Secs 6 + 31  
 Va 13° 25' E

allowing 90 lks for convergence -  
 39.10 Set a granite stone  
 16 x 12 x 8 ins 11 ins in  
 the ground for 1/4 Sec.  
 Coor. marked 1/4 on N  
 face - dug pits 18 x 18 x  
 12 ins E & W of stone  
 5 1/2 ft. dist, and raised  
 a mound of earth 1 1/2  
 ft. high 3 1/2 ft. base

N. Bay Sp 14 S. R 32 E

Obs

along side

79.10

Set a granite stone  
 14 x 10 x 7 1/2 ins in the  
 ground for Cor. to Sec-  
 5-6-31 + 32 marked  
 with 1 notch on W  
 and 5 notches on E  
 edges - dug pits 18 x 18  
 x 12 ins in each Sec 5 1/2  
 ft. dist. and raised a mound  
 of earth 2 ft. high 4 1/2  
 ft. base along side -  
 Surface level -

Soil 2 <sup>to</sup> rate gravelly  
 Dense greasewood brush

East bet. Secs 5 + 32

va 13° 25' E



N. By - Sp 14 S. R 32 E -

Obs -

- 14.00 Cross dry wash 40  
lks wide course S 15-0W  
and ascend W. end of Mtn.
- 34.00 Top of Mtn - on N. side  
thence along same -
- 40.00 Set a volcanic stone  
20 x 18 x 12 ins 15 ins  
in the ground for  
 $\frac{1}{4}$  Sec <sup>Cor</sup> marked  $\frac{1}{4}$   
on N. face - and  
raised mound of  
stone alongside, pts  
impracticable - Top  
of Mtn - S. of line 8 cks -
- 70.00 Descend N. E. slope  
of Mtn.
- 80.00 Set a granite stone  
18 x 14 x 10 ins 12 ins in  
the ground for Cor -  
to Secs - 4-5-32733 -

N. By Tp 14 S. R 32 E

Obs-

marked with 2 notches  
on W and 4 notches on E  
edges - and raised a  
unbound of stone alongside  
Pits - impracticable  
Surface mountainous  
Soil 3<sup>d</sup> rate, rocky -  
Good grass -  
November

---

East. bek. bees 4 + 33 -

va 130 25' E

Descending

17.00 Foot of E - end of Mtn  
thence across valley -

21.00 Base of Mtn & ascend -

29.50 Top of Mtn extends  
N. W + S. E - about 20 chs -  
- About 400 ft. high

N. By - Sp 14 S. R 32 E

Chs-

Descent -

40.00

Set granite stone  
 $18 \times 12 \times 8$  ins  $12$  ins  
 in the ground - for  
 $\frac{1}{4}$  Sec Cor. marked  
 $\frac{1}{4}$  on N. face and  
 raised a mound of  
 stone alongside, pits  
 impracticable.

60.00

Foot of Mtn - Enter  
 valley -

78.00

Cross dry wash 60 lbs  
 wide - course S. W.

80.00

Set a granite stone  
 $16 \times 12 \times 6$  ins  $11$  ins in  
 the ground for Cor  
 to Secs 5-4-33 + 34  
 marked with 3  
 notches on E + W  
 edges - Dug pits  $18 \times$

N. By Sp 14 S. R 2 E

Obs-

18 x 12 ins in each  
 Sec 5 1/2 ft. dist. &  
 raised a mound of  
 earth 2 ft. high 4 1/2 ft.  
 base along side  
 Surface mountainous  
 Soil rocky 2<sup>nd</sup> rate  
 Good grass

---

East. bet. Secs 3 & 34 -

to 13° 25' E

40,00

Set a volcanic stone  
 14 x 12 x 8 ins 8 ins in  
 the ground for 1/4 Sec  
 Cor. marked 1/4 on N  
 face - dug pits 18 x 18  
 12 ins S of N of stone  
 5 1/2 ft. dist. and raised  
 a mound of earth 1 1/2

St. By - Sp 14 S. R 32 E

Chis-

ft. high  $3\frac{1}{2}$  ft. base  
along side

78.20 Cross dry wash 35  
lbs wide course S-

80.00 Set a granite stone  
18 x 8 x 16 ins 12 ins in  
the ground for Cor-  
to Secs - 2 - 3 - 34 + 35  
marked with 4 notches  
on W + 2 notches  
on E edges and raised  
a mound of stone  
along side - Pits impracticable  
Surface rolling  
Soil rocky 2<sup>nd</sup> grade  
Good grass -

---

East bet. Secs 29

Ar. By - Sp 14 S. R 32 E

chs -

to a  $13^{\circ}25'E$

10.80 Cross dry wash 20 lks  
wide - course S. W -

27.22 Intersect boundary  
line bet. Arizona and  
New Mexico - 17.12 chs -  
S of 327<sup>th</sup> mile corner -  
which is a Trap rock  
set firmly in the ground -  
marked 327 W on N.

32° W. S on S. A on W + N. Mon E  
faces - with pits 24 x 18 x 12  
ins N, S, E + W of stone  
6 ft. dia. and mound  
of earth 2 1/2 ft. high  
5 ft. base alongside -

At point of intersection  
I set a granite stone  
16 x 12 x 8 ins 11 ins in  
the ground for closing

N. By - Sp 14 S. R 32 E

Obs -

Cor. to Sp 13 & 14 S -  
 R 32 E - marked  
 C.C. with A on W and  
 N. M on E. faces - and  
 with 6 notches on  
 N + S & 5 notches  
 on W. faces - and  
 raised a mound of  
 stone alongside -  
 Pits unpracticable  
 Surface level -  
 Soil 2<sup>nd</sup> rate gravelly -  
 Scattering brush -

---

E. By - Sp 13 S. R 31 E.

---

From the cor. to Sp

E. By. Sp 13 S. R 31 E

Chs-

13 S 14 S. R. 31 & 32 E -

recently established by me  
I found North bek. Secs 31 & 36  
Ta 13° 25' E.

40.00

Deposited a marked stone  
12 ins in the ground for  
1/4 Sec Cor. along pits  
14 x 14 x 12 ins N & S of stone  
5 1/2 ft. dist. and raised  
a mound of earth 1 1/2 ft.  
high 3 1/2 ft. base over it -

2d. N. pit drove a stake  
2 ft. long 2 ins sq - 12 ins  
in the ground marked  
1/4 Sec N. face -

80.00

Deposited marked  
stone 12 ins in the  
ground for Cor. to Secs  
25-30-31 & 36 - dug



E. By Sp 13 S. R 31 E

Chs -

pits 15 x 15 x 12 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 ft. long 2 ins sq - 12  
ins in the ground -  
marked - S 1/2 S. S. 30 on NE.

R 32 E. S 31 on S. E.

R 31 E. S 36 on S. W &amp;

S 25 on N. W. faces -  
with 1 notch on S  
and 5 notches on N  
edges.

Surface level  
Soil gravelly 2<sup>nd</sup> rate  
Greenswood bush

---

E. By Sp 13 S. R 31 E

Chs-

North bet. Secs 25 & 30

Ta 130 25' E

9.00

Cross dry wash 35 lbs  
wide course W.

40.00

Deposited marked stone  
12 ins in the ground for  
 $\frac{1}{4}$  Sec Cor. They pits 18x  
18x12 ins N, S of stone  
5 $\frac{1}{2}$  ft. dist. and raised  
a mound of earth 1 $\frac{1}{2}$   
ft. high 3 $\frac{1}{2}$  ft. base  
over pit. In N. pit  
drove stake 2 ft. long  
2 ins sq - 12 ins in the  
ground marked  $\frac{1}{4}$  S on  
W-face

80.00

Set 2 granite stones  
16x10 & 15 ins 11 ins in  
the ground for Cor. to

E. By - Tp 13 S. R 31 E

Chs -

Secs - 19 - 24 - 25 + 30 -  
 marked with 2  
 notches on S + 4  
 notches on N edges -  
 and raised a mound  
 of stone alongside -  
 pits in ~~irretrievable~~  
 surface level -  
 Soil rocky, 2<sup>nd</sup> rate  
 scattering greasewood  
 brush

---

North bet. Secs 19 + 24  
 Twp 130.25' E

40.00 Deposited marked  
 stone 12 ins in the  
 ground for  $\frac{1}{4}$  Sec Cor.  
 dug pits 18 x 18 x 12

E. By Dip 10 S. R. 1 E

Obs -

circ. N + S of stone  $5\frac{1}{2}$   
 ft. diam. and raised a  
 mound of earth  $1\frac{1}{2}$  ft.  
 high  $3\frac{1}{2}$  ft. base over  
 it. In N. pit drove  
 a stake 2 ft. long 2 ins  
 sq. - 12 ins in the ground -  
 marked  $\frac{1}{4}$  S on W face -  
 Set a granite stone  
 $16 \times 10 \times 8$  ins 11 ins in  
 the ground for Co. to  
 see 15-18-19 + 24 -  
 marked with 3 notches  
 on N + S edges - and  
 raised a mound of  
 stone alongside. Pits  
 impracticable -  
 Surface level  
 Soil 2<sup>nd</sup> rate  
Dense undergrowth

80,00

E. Ry. Sp 13 S. R 31 E

Chs -

North bet. Secs 13 + 18

T<sub>14</sub> 130 25' E1,00 Cross dry wash 20 lbs  
wide course S. W -40,000 Set a granite stone  
16 x 14 x 6 ins 11 ins  
in the ground for  $\frac{1}{4}$   
See Co<sup>o</sup> marked  $\frac{1}{4}$  on  
W. face - dug pits 18 x  
18 x 12 ins N + S of stone  
 $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth  $1\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base  
along side -56,57 Cross dry wash 15 lbs  
wide course S. W -80,000 Set a granite stone  
18 x 10 x 6 ins 12 ins in  
the ground for Co<sup>o</sup> -

E. By - Tp 13 S. R 31 E

Chs -

To Secs 7-12-13+18 -  
marked with 4 notches  
on S + 2 notches on N  
edges - dug pits 18x18  
x 12 ins in each sec  
5 1/2 ft. dist, and raised  
a mound of earth  
2 ft. high 4 1/2 ft. base  
along side -

Surface level -

Soil 2 ~~rate~~

Dense catclaw and  
greasewood brush

---

Scatter bet. Secs

7 + 12

To 13025' E

14.00

Cross dry wash 30 lbs  
wide course W

E. By Sp 13 S. R 31 E

Chs -

- |       |  |
|-------|--|
| 23,00 | Ascend W-end of Mtn -  |
| 40,00 | Set a granite slab<br>15 x 12 x 6 ins 9 ins in<br>the ground for $\frac{1}{4}$ Sec<br>Coo. marked $\frac{1}{4}$ on W<br>face and raised a<br>mound of stone alongside<br>Pits impracticable<br>- at foot of cliff 200 ft<br>high |
| 61,00 | Top of W. end of Mtn<br>& descend -  |
| 76,00 | Foot of Mtn - thence<br>along West side  |
| 80,00 | Set a granite slab<br>18 x 10 x 8 ins 12 ins in<br>the ground for Coo -<br>to S of 1-6 7 + 12 marked<br>with 5 notches on S &<br>1 notch on W edges -  |

E. By - Dp 135, R 31 E

Chs -

and raised a mound  
of stone alongside  
Apts impracticable -  
surface mountainous  
Soil rocky - 3<sup>rd</sup> rate  
Good grass -  
~~~~~

North bek. Sec 146  
T<sub>12</sub>S 130 25' E

40.00

Set a granite stone  
16 x 12 x 8 ins 11 ins in  
the ground - for  $\frac{1}{4}$  sec  
Coo. Marked  $\frac{1}{4}$  on N  
face and raised a  
mound of stone  
along side -

63.00

Base of Mtn - and  
ascend bluff of trachyte  
rock -



E. By - Dps 13 S. R 31 E.

Chs

80.00

Set a granite stone  
 15 x 12 x 12 ins 12 ins  
 in the ground for  
 Cor. to Dps 12 + 13 S.  
 R. 31 + 32 E. marked  
 with 6 notches on  
 each edge and raised  
 a mound of stone  
 alongside. Pits  
 imperceptible - on  
 Top of Mtn - 400 ft. high  
 Surface mountainous  
 Soil rocky 3<sup>d</sup> rate  
 Some grass

---

I carefully examined  
 the adjustments of  
 my solar compass  
 to-day - particularly

E. By - Sp 15 S. R 31 E -

Obs -

the latitude and reversing  
apparatus and found  
them correct

Feb 13<sup>th</sup> 1883

W. By - Sp 15 S. R 31 E -

From the Standard Cor-  
to Sp 15 S. R 30 + 31 E  
recently established by  
me - Run North  
bet. Secs - 31 + 36 -

to  $13^{\circ}25'E$

40.00

Set a granite stone  
12 x 10 x 7 ins 8 ins in  
the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on

W. By Sp 15- S. R 31 E

Chs-

80.00

W. face and raised  
 a mound of stone  
 along side, pits impracticable  
 Sit a granite stone  
 12 x 7 x 5 ins & ins in  
 the ground for Cor-  
 to Secs - 25 - 30 - 31 + 36 -  
 marked with 1 notch  
 on S & 5 notches on N  
 edges - dug pits 18 x 18  
 x 12 ins in each see  
 5 1/2 ft. dia. and raised  
 a mound of earth  
 2 ft. high & 1/2 ft -  
 base along side  
 Surface level  
 soil 2<sup>nd</sup> rate -  
 Dense greasewood and  
 calectary brush -

W. By Sp. 15 - S. R. 31 E

Chs -

North bet. Secs 25 & 30

to  $130^{\circ}25'E$

- 19.60 Cross arroyo course  
N  $35^{\circ}E$
- 40.00 Set a granite stone  
 $16 \times 10 \times 8$  ins 11 ins in  
the ground for  $\frac{1}{4}$  Sec  
Cor. marked  $\frac{1}{4}$  on W  
face - and raised a  
mound of stone alongside  
Pits impracticable -
- 61.08 Cross arroyo 80 lbs  
wide course N  $34^{\circ}E$
- 66.53 Cross road bet. W  
and S. E.
- 80.00 Set a limestone  $15 \times 12$   
 $\times 8$  ins 10 ins in the  
ground for Cor. to Secs  
19-24-25 & 30 - marked  
with 2 notches on S &

W. By - Dp 15 - S. R. 3, E

Chs.

4 notches on the edges  
and raised a mound  
of stone along side  
Pits impracticable  
Surface level  
Soil 2<sup>nd</sup> rate  
Dense grasswood  
and mesquite brush

x

North bet. Secs -  
19 + 24

to  $13^{\circ} 25' E$

9.00 Cross arroya 60 lbs wide  
course N. E -

40.00 Hit a limestone  $14 \times 12$   
 $\times 8$  ins  $9$  ins in the  
ground for  $\frac{1}{4}$  Sec Cor-  
marked  $\frac{1}{4}$  on N face  
and raised a mound

W. By. Dp 15 S. R. 31 E

Obs -

of stone alongside, Pits  
impracticable

80000

Set a limestone  $14 \times 12$   
 $\times 6$  ins 9 ins in the  
ground for Cor- to Secs  
13-18-19 & 24 - marked  
with 5 notches on

At S edges - dug pits  
 $18 \times 18 \times 12$  ins in each  
Sec  $5\frac{1}{2}$  ft. dist. and  
raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$   
ft. base along side

Surface level

Soil 2 nd rate

Dense catclaw and  
greasewood brush -

North bet. Secs 13 & 18

W. By Tp 15 S. R. 31 E.

Obs -

T<sub>a</sub> 130° 25' E

40.00

Set a granite stone  
 14 x 12 x 8 ins 9 ins in  
 the ground for  $\frac{1}{4}$  Sec  
 Cor. marked  $\frac{1}{4}$  on W  
 face. dug pits 18 x 18 x  
 12 ins N & S of stone  
 5  $\frac{1}{2}$  ft. dist. and  
 raised a mound of  
 earth 1  $\frac{1}{2}$  ft. high  
 3  $\frac{1}{2}$  ft. base along side

80.00

Deposited a marked  
 stone 12 ins in the ground  
 for Cor. to Secs 7-12-13  
 & 18. dug pits 18 x 18 x 12  
 ins in each Sec 5  $\frac{1}{2}$   
 ft. dist. and raised a  
 mound of earth 2 ft.  
 high 4  $\frac{1}{2}$  ft. base over it  
 S. - S. E. pit drove

W. By Dip 15 S. R 31 E

a stake 2 ft. long 2 ins sq  
12 ins in the ground marked

Dip 15 S. S 7 W. N. E.

R 31 E. S 18 on S. E.

R 30 E. S 13 on S W

and S 12 on N. W. faces -  
with 4 notches on S +  
2 notches on N edges -

Surface level

Soil 2<sup>nd</sup> rate

Dense greasewood  
and cholla brush.

North bet. Secs 7 + 12 -

to 13025' E

Deposited marked stone  
12 ins in the ground for  
1/4 Sec Cor. Plug pits 18 x  
18 x 12 ins N + S of stone



W. By-Dr 15-D. R. 31 E

Chs-

5 1/2 ft. disk. and raised  
a mound of earth  
1 1/2 ft. high, 3 1/2 ft.  
base over it - In  
N. pit drove stake  
2 ft. long 2 ins sq  
12 ins in the ground  
marked 1/4 S for W  
face

49.00

86.00

Cross road bet E & W.  
Set a granite stone  
14 x 10 x 8 ins 9 ins in  
the ground for Cor-  
to S for 1-6-7 & 12 -  
marked with 5 notches  
on S & 1 notch on the  
edges, dug pits 18 x 18  
x 12 ins in each Sec  
5 1/2 ft. disk. and  
raised a mound of

W. By Sp 15 S. R 31 E

Chs -

earth 2 ft. high 4 1/2  
ft. base along side -  
Surface level  
Soil 2 <sup>no</sup> rate

Dense cactaw and  
mesquite brush

---

North bet. Secs 13 62  
Va 130 25' E

33.54 Cross arroya 10 ft. deep  
31 lbs with course  
N. E.

40.00 Set a granite stone  
12 x 11 x 8 ins x 8 ins in  
the ground for 1/4 Sec  
Cor. marked 1/4 on N  
face. dig pits 18 x 18 x  
1/2 ins N. S of stone  
5 1/2 ft. dist. also raised

W. By. Sp. 15 S. R 31 E

0 cls-

a mound of earth  
1 1/2 ft. high 3 1/2 ft.  
base along side -

80.00

Deposited marked  
stone 12 ins in the  
ground for Cor. to  
Sp. - 14 + 15 S. R. - 30  
+ 31 E, dug pits 24 x 18  
x 12 ins lengthwise on  
each line N. S. E + W of  
stone 6 ft. dia. and  
raised a mound of  
earth 2 1/2 ft. high  
5 ft. base over it  
In E pit drove stake  
2 ft. long 2 ins sq. - 12  
ins in the ground -  
marked -

T 14 S. S 31 on N. E  
R 31 E. S 6 on S. E

W. By. Sp 15 S. R 31 E

Chs -

T. 5 S. S. 1 on S. W and  
R 30 E. S 36 on N. W faces -  
with 6 notches on each  
edge -

Surface level  
Soil Rt + 2<sup>nd</sup> rate  
Dense mesquite and  
catalpa brush -  
Some grass -

---

W. By. Sp 15 S. R 31 E.

---

From the Co. to Sp -  
14 + 15 S. R. 30 & 31 E -  
just established - from  
East on a random line  
between Sp - 14 + 15 S -  
allowing 45 lbs for

N. By Sp 15 S. R. 31 E.

chs.

convergence on the first half mile. I set temporary  $\frac{1}{4}$  and Sec corners at every 40 and 80 chs and at 479.37 chs - arrive at a point 85 lbs - N of the Cor - to Sp 14 + 15 S. R. 31 + 32 E - which was recently established by me -

Thence I run -  
 At  $89^{\circ} 54'$  W on a true line bet. Secs 1 + 36  
 to  $13^{\circ} 25'$  E

40.00

Deposited marked stone 12 ins in the ground for  $\frac{1}{4}$  Sec Cor - dug pits  $18 \times 18 \times 12$  ins E + W of stone  $5\frac{1}{2}$  ft -

N. By - Sp 15 S. R 31 E

Chs-

disk, and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it in E pit drove stake 2 ft. long 2 ins sq - 12 ins in the ground marked  $\frac{1}{4}$  S on N. face -

80,00

Deposited marked stone 12 ins in the ground for Cor. to Secs 2-35+36 - dug pits  $18 \times 18 \times 12$  ins in each sec  $5\frac{1}{2}$  ft. disk and raised a mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base over ft. In S. E. pit drove a stake 2 ft. long 2 ins sq - 12 ins in the ground - marked -

T 14 S. S 36 on N. E

N. By. Sp 15 S. R 31 E.

Obs.

R 31 E, S 1 on S. E,  
 S 15 S. S 2 on S. W and  
 S 35 on N. W faces -  
 with 1 notch on E  
 + 5 notches on W  
 edges -

Surface level  
 Soil 2<sup>nd</sup> rate  
 Dense mesquite and  
 greewood brush -

---

N 89° 54' W on a true  
 line bet. Secs - 2 + 35 -

to 15° 25' E

40.00

Set a post 5 ft. long  
 3 ins sq. with marked  
 stone 12 ins in the  
 ground for 1/4 Sec Cor.

N. By Sp 15 - S. R 3, E -

Chs -

marked  $\frac{1}{4}$  Sec 16 face  
 dug pits  $18 \times 18 \times 12$  ins  
 E & W of post  $5\frac{1}{2}$  ft.  
 disk and raised a mound  
 of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$   
 ft. base around post

80.00

Deposited marked  
 stone 12 ins in the ground  
 for Cor. to Sec 2 - S 3 4 x  
 35 - dug pits  $18 \times 18 \times 12$   
 ins in each Sec  $5\frac{1}{2}$   
 ft. disk and raised a  
 mound of earth 2 ft.  
 high  $4\frac{1}{2}$  ft. base over  
 it - In S. E. pit drove  
 a stake 2 ft. long 2 ins  
 sq. 12 ins in the ground  
 marked 514 S. 535 on N. E.  
 R 3, E. 52 on S. E.  
 515 - S. 53 on S. W and



N. By Sp 15- S. R 3, E

chs

S 34 on N. W faces with  
 2 notches on E & 4  
 notches on W edges.  
 Surface level  
 Soil 2 ~~rd~~ rate  
 Dense greasewood  
 and catclaw brush

---

N 89° 54' W on a true  
 line bet. Secs 3 & 34 -  
 R 13025' E

40.00

Deposited marked stone  
 12 ins in the ground  
 for 1/4 Sec. cot. dug  
 pits 18 x 18 x 12 ins  
 E & W of stone 5 1/2  
 ft. dist and raised  
 a mound of earth  
 1/2 ft. high 3 1/2 ft.

W. By. Op 13- S. R 31 E

Ans-

base over it - In  
E pit drove a stake  
2 ft. long 2 ins sq - 12  
ins in the ground marked  
 $\frac{1}{4}$  S - on N face -

80.00

Deposited marked stone  
12 ins in the ground for  
Coo. to Secs - 3-4-33 & 34  
dug pits 18 x 18 x 12 ins in  
each Sec 5  $\frac{1}{2}$  ft. dist.  
& raised a mound of  
earth 2 ft. high 4  $\frac{1}{2}$   
ft. base over it - In  
S. E. pit drove a  
stake 2 ft. long 2 ins  
sq - 12 ins in the  
ground - marked -  
B 14 S. S 34 on N. E -  
R 31 E. S 30 on S. E -  
B 15 S. S 4 on S. W

N. By. Sp 15-02, R 01 E

Obs-

4 533 on N. W. faces  
 + with 3 notches  
 on E + W edges -  
 surface level  
 soil 1st rate  
 Dense grasswood  
 and mesquite brush

N 89° 54' W on a  
 true line bet. Secs -  
 4 + 33 -

to 13° 25' E

40.00

Deposited marker  
 stone 12 ins in the  
 ground for  $\frac{1}{4}$  Sec  
 cor - dug pits 18 x 18 x 12  
 ins E + W of stone  $5\frac{1}{2}$   
 ft. dist. and raised a  
 mound of earth

N. By Sp. 15 - S. R. 31 E

Chs-

$1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base  
over it, in E pit  
drove a stake 2 ft.  
long 2 ins sq. - 12 ins  
in the ground - marked  
 $\frac{1}{4}$  S on N face

80.00

Deposited marked stone  
12 ins in the ground  
for cor. to Secs 4-5-  
32 & 33. dug pits  $18 \times$   
 $18 \times 12$  ins for each  
Sec  $5\frac{1}{2}$  ft. dia. and  
raised a mound of  
earth 2 ft. high  $4\frac{1}{2}$   
ft. base over pit, in  
S. E. pit drove a  
stake 2 ft. long 2 ins  
sq. - 12 ins in the  
ground marked -  
S 14 S. S 33 on N. E

Tr. By - Sp 15 S. R 31 E

Obs -

R 31 E - S 4 on S. E  
 S 15 S. S 5 on S. W  
 and S 32 on N. W  
 faces - 4 - with 2  
 notches on N +  
 4 notches on E edges -  
 surface level  
 Soil, 1st rate  
 Dense catclaw  
 and greasewood brush

N 89° 54' W on a  
 true line bet. Secs -  
 5 + 32

to 13° 25' E

40,00

Deposited marked  
 stone 12 ins in the  
 ground for 1/4 Sec

N. By - Sp 15 - S. R. 31 E

Chs -

Cor. dug pits  $18 \times 18 \times 12$  ins E of W of stone  $5\frac{1}{2}$  ft. dist. & raised a mound of earth  $\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over it. In E pit drove a stake 2 ft. long 2 ins sq - 12 ins in the ground - marked  $\frac{1}{4}$  S of W. See Deposited marked stone 12 ins in the ground for Cor. to Secs - 5-6-31 & 32 - dug pits  $18 \times 18 \times 12$  ins in each Sec  $5\frac{1}{2}$  ft. dist. and raised a mound of earth 2 ft. high  $3\frac{1}{2}$  ft. base over it. In W. E. pit drove a

80.00

N. By. Sp. 15 S. R. 31 E.

Obs -

stake 2 ft. long 2  
 ins sq - 12 ins dia  
 the 9 bound - marked  
 S 14 N S 32 on N. E.

R 31 E. S 5 on S. E.

S 15 S. S 6 on S. W

and S 31 on N. W

faces & with 5 notches  
 on E & 1 notch on W

faces -

Surface level

Soil 1<sup>st</sup> rate

Dense mesquite  
 and greasewood brush.

N 89° 54' W on a  
 true line bet. Secs -  
 6 & 31

Pa 13° 25' E

N. By Sp 15 S. R 31 E

Chs -

17.67 Cross road bet N. W  
and S. E.

40.00 Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec Cor.  
Plug pits  $15 \times 15 \times 12$  ins  
E & W of stone  $5\frac{1}{2}$  ft -  
diam and raised a  
mound of earth  $1\frac{1}{2}$   
ft. high  $5\frac{1}{2}$  ft. base  
over it - in E pit  
drove a stake 2 ft.  
long 2 ins sq - 12 ins in  
the ground - marked  
 $\frac{1}{4}$  Sec W face -

79.37 The Cor to Sp 14 + 15 S -  
R 30 + 31 E - from which  
I started

Surface level  
Soil 1<sup>st</sup> rate



Mr. By - Dp 15 - S. R. 31 E

Obs -

Scattering brush

I carefully examined the adjustments of my solar compass to day, particularly the latitude and reversing apparatus and found them correct.

Feb 14 - 1883

Mr. By - Dp 14 S. R. 31 E

From the bar. to  
Dps 14 & 15 - S. R. 30 &  
31 E - recently established  
by me - I run - North  
bet. Secs 31 & 36

to 13025' E

N. By Sp 14 S. R 31 E

Chs

40.00

Set a granite stone  
12 x 10 x 8 ins 8 ins in  
the ground for  $\frac{1}{4}$  Sec  
Coo. marked  $\frac{1}{4}$  on N  
face - and raised a  
mound of stone alongside  
Pits impracticable

44.50

Cross arroyo corner  
N. E.

80.00

Deposited marked  
stone 12 ins in the  
ground for Coo. to Secs  
5-30-31 & 36 - dug  
pits 18 x 18 x 12 ins for  
each Sec  $5\frac{1}{2}$  ft. dist -  
and raised a mound  
of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base over  
it - In S. E. pit  
drove a stake 2 ft

W. By Tp 14 S. R 31 E

Chs-

long 2 mis sq - 12 mis  
in the ground marked

Tp 14 S. S. 30 on N. E.

R 31 E. S 31 on S. E.

R 30 E. S 36 on S. W

and S 25 - on N. W

faces with 1 notch  
on S & 5 notches on

N edges -

Surface level

Soil 2<sup>nd</sup> rate

Dense greasewood  
and mesquite brush

Some grass -

North - bet. Secs 25 & 30

on 13° 25' E

40.00

Deposited marked stone  
12 mis in the ground

W. By Tp 14 S. R 31 E

chs-

for  $\frac{1}{4}$  Sec 100, dug pits  
 $18 \times 18 \times 12$  ins N & S of  
 stone  $5\frac{1}{2}$  ft. dist. and  
 raised a mound of earth  
 $\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base  
 over it. In N. pit  
 drove a stake 2 ft. long  
 $2$  ins sq - 12 ins in the  
 ground - marked  $\frac{1}{4}$  S on  
 W. face -

50.00

Cross road hrs N. E  
 & S. W.

80.00

Deposited marked  
 stone 12 ins in the ground  
 for Cor. to Secs 19-24 -  
 25 & 30 - dug pits  $18 \times 18 \times$   
 $12$  ins in each Sec  $5\frac{1}{2}$   
 ft. dist. and raised a  
 mound of earth 2  
 ft. high  $4\frac{1}{2}$  ft. base

W. By Sp 14 S. R 31 E

Obs -

over it. In S. E  
pit drove a stake  
2 ft. long 2 ins sq - 12  
ins in the ground -  
marked -

T 14 S. S 19 on N. E.

R 31 E. S 30 on S. E.

R 30 E. S 25 on S W

and S 24 on N W

faces with 2 notches  
on S & 4 notches on  
N edges -

Surface level

Soil 1st rate

Dense greenwood  
and mesquite brush

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North bet. Secs -

19 & 24.

W. By Tp 14 S. R 31 E

Chs-

To 13025'E

40.00

Deposited marked stone 12 ins in the ground for  $\frac{1}{4}$  Sec Cor. dug pits 18 x 18 x 12 ins N of S of stone 5  $\frac{1}{2}$  ft. dist. and raised a mound of earth 1  $\frac{1}{2}$  ft. high 5  $\frac{1}{2}$  ft. base over it. In N. pit drove stake 2 ft. long 2 ins sq 12 ins in the ground - marked  $\frac{1}{4}$  S on W-face-

57.30

Old overland road  
hrs at E + S. W-

80.00

Deposited marked stone 12 ins in the ground for Cor. to Secs -  
13-18-19 + 24 - dug

W. By - Sp 14 S. R 31 E

Obs -

pits 18 x 18 x 12 ins  
in each See 5-1/2  
ft. disk. and raised  
a mound of earth  
2 ft. high 4 1/2 ft.  
base over it. In  
S. E. pit drove a  
slate 2 ft. long 2  
ins sq. 12 ins in the  
ground marked  
S 14 S. S 18 on N. E.  
R 31 E. S 19 on S. E.  
R 30 E. S 24 on S. W.  
and S 13 on N. W  
faces - + with 5  
notches on N & S  
edges -

Surface level  
Soil, 1st rate  
Rouse mesquite

W. By Sp 14 S. R 31 E.

Chs -

and greasewood brush  
Some grass

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N. bet. Secs 13 & 18

ba 13025'E

40,00

Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec Cor.  
dug pits  $18 \times 18 \times 12$   
ins N of stone  $5\frac{1}{2}$   
ft. dia. and raised a  
mound of earth  $1\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base  
over pit. In N. pit  
drove stake 2 ft. long  
2 ins sq - 12 ins in the  
ground marked  $\frac{1}{4}$  S  
on N face



W. By - Sp 14 S. R 31 E

Obs.

8000

Deposited - marked  
 stone 12 ins in the  
 ground for - Cor. to  
 trees 72 12-13 & 18-  
 dug pits 18 x 18 x 12  
 ins in each see  
 5 1/2 ft. dia. and  
 raised a mound of  
 earth 2 ft. high 4 1/2  
 ft. base over it.  
 On S. E. pit drove  
 a stake 2 ft. long  
 2 ins sq. 12 ins in  
 the ground - marked  
 S 14 S. S 7 on N. E.  
 R 31 E. S 18 on S. E.  
 R 30 E. S 13 and N - &  
 S 12 on N. W. faces  
 & with 4 notches on  
 S & 2 notches on

W. By - Tp 14 S. R 31 E

Chs-

At edges -

Surface level

Soil, strata

Dense greasewood  
and mesquite brush -  
Sourd grass -  
\_\_\_\_\_

North bk. Sec 7 + 12

to a 130° 25' E -

40.00

Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  sec Cor-  
blue pits 18 x 18 x 12  
ins (to S of stone  $5\frac{1}{2}$   
ft. dist. and raised a  
mound of earth  $1\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base  
over pit. In N. pit  
drove a stake &

W. By Tp 14 S. R 31 E

Chs.

80.00

ft. long 2 mis sq. - 12  
 mis in the ground  
 marked  $\frac{1}{4}$  S on W  
 face

Deposited marked  
 stone 12 mis in the  
 ground for Cor: to  
 Secs 1-6 7 + 12 -  
 dug pits 18 x 18 x 12  
 mis in each Sec  $5\frac{1}{2}$   
 ft. dist. and raised  
 a mound of earth  
 2 ft. high  $4\frac{1}{2}$  ft -  
 base over it - In  
 S. E. pit drove a stake  
 2 ft. long 2 mis sq.  
 12 mis in the ground  
 marked -

T, 4 S. S 6 on N. E

R 31 E. S 7 on S. E

W. Bay - Sp 14 S R 3, E

Chs -

R 30 E, S 12 on S W  
and S 1 on N, W faces  
with 1 notch on N  
and 5 notches on S  
edges -

Surface level  
Soil 1st rate -  
Dense mesquite  
and greasewood brush

North hbk. Secs 1 & 6  
to a 130 25' E

35.50

Road hrs N + W 100 E,

40.00

Deposited marked  
stone 12 ins in the ground  
for  $\frac{1}{4}$  Sec Cor. deep pits  
18 x 18 x 12 ins N + S of  
stone 5  $\frac{1}{2}$  ft. dist. & raised  
a mound of earth  $\frac{1}{2}$  ft.

W. By Sp 14 S. R 31 E

Obs -

high  $3\frac{1}{2}$  ft. base  
over it. In N. pit  
drove stake 2 ft. long  
2 ins sq - 12 ins in the  
ground marked  $\frac{1}{4}$  S on  
W. face - corner in road.

43.00

Beave road hrs - S +  
+ 10° W.

80.00

Deposited marked  
stone 12 ins in the  
ground for cor. to  
Sp - 13 & 14 S. R - 30  
+ 31 E. dug pits -  
24 x 18 x 12 ins N, S, E  
+ W of stone lengthwise  
on each line 6 ft dist.  
and raised a mound  
of earth  $2\frac{1}{2}$  ft. high  
5 ft. base over it.  
On E pit - drove

W. Bay Tp 14 S. R 31 E.

Obs -

a stake 2 ft. long  
 2 ins sq. - 12 ins inf  
 the ground - marked  
 T 13 S. S 31 on N. E.  
 R 31 E. S 6 on S. E.  
 T 14 S. S 1 on S. W  
 and R 30 E. S 36 on N. W  
 faces - with 6 notches  
 on each edge -

Surface level  
 Soil 1<sup>st</sup> rate  
 Dense greasewood  
 and mesquite brush.

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W. Bay - Tp 14 S. R 31 E.

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From the Co. to  
 Tps. 13 + 14 S. R 30 +

N. By Sp 14 S. R 31 E.

Chs-

31 E. first established  
I run East on a  
random line bet-  
Sp 13 + 14 S. Allowing  
90 lbs for convergence  
on first  $\frac{1}{2}$  mile - I  
set temporary  $\frac{1}{4}$  + Sec  
corners at every 40 + 80  
chs - and 478 + 98 chs  
I arrive at a point  
89 lbs N of <sup>4000</sup> Co. to  
Sp 13 + 14 S R 31 + 32  
E - which was recently  
established by me -  
From which Co. I run  
N 89° 05' 4" W on a true  
line bet. Sec 1 + 3.6

to 13025' E

4000

set a granite stone  
12 x 8 x 8 ins 8 ins in

N. By Sp 14 S. R 31 E

Obs -

the ground for  $\frac{1}{4}$   
 Sec 400, marked  $\frac{1}{4}$   
 on N. face - dug pits  
 $18 \times 18 \times 12$  ins E + W  
 of stone  $5\frac{1}{2}$  ft. dist.  
 and raised a mound  
 of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base alongside  
 Set a granite stone  
 $12 \times 12 \times 16$  ins 8 ins  
 in the ground for  
 Cor. to Secs 1-2-35 & 36  
 marked with 1 notch  
 on E + 5 notches on  
 W edges - and raised  
 a mound of stone  
 alongside  
 Pits impracticable  
 Surface level  
 Soil 2nd water

80.00



N. By. Tp 14 S. R 31 E

Chs

Breadwood brush

At 89054' W on a true  
line bet. Secs. 2 & 35  
Va 130° 25' E.

- 27.00 Cross road hrs N 80° W  
& S 80° E.
- 31.00 Cross S. P. R. R. hrs  
S 75° E + N 75° W -
- 31.54 Telegraph line hrs  
S 75° E + N 75° W -
- 40.00 Deposited marked  
stone 12 ins in the  
ground for 1/4 Sec Cor-  
ding pits 18 x 18 x 12  
ins E + W of stone  
5 1/2 ft. dia. and  
raised a mound of  
earth 1 1/2 ft. high

N. By Tp 14 S. R 31 E

Chs-

3 1/2 ft. base over it -  
In E pit drove a  
stake 2 ft. long 2  
ins sq - 12 ins in the  
ground marked

1/4 S on N. face -

80.00

Deposited marked  
stone 12 ins in the  
ground for Cor. to  
Secs 2-3-34+35 -

dug pits 18 x 18 x 12  
ins in each Sec  
5 1/2 ft. disk, and  
raised a mound  
of earth 2 ft. high  
4 1/2 ft. base over it  
In S. E. pit drove a  
stake 2 ft. long 2 ins  
sq - 12 ins in the ground  
marked

St. By Sp 14 S. R. 3, E

Obs-

S<sub>13</sub> S. S 35 on N. E  
 R 3, E, S 2 on S E,  
 S<sub>14</sub> S S 3 on S W  
 and S 34 on N W  
 faces & with 2  
 notches on E + 4 notches  
 on W edges -

Surface level  
 Soil moderate gravelly  
 Dense greasewood brush

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St 8905-4. Mon a  
 true line bet. Secs 3 + 34  
 Va 13025'E

40.00 Set a post 3 ft. long  
 3 ins sq. with marked  
 stone 2 ins in the  
 ground - face  $\frac{1}{4}$  Sec  
 Coor. marked  $\frac{1}{4}$  S on

N. By Sp 14 S. R 31 E

Obs -

N. face - dug pits  $18 \times 18 \times 12$  ins E & W of post  $5\frac{1}{2}$  ft. dist. and raised a mound of earth  $1\frac{1}{2}$  ft. high  $13\frac{1}{2}$  ft. base around post.

80.00

Set a post 4 ft. long 4 ins sq. with marked stone 12 ins in the ground for Cor. to Secs 3-4-33 & 34 - marked -

S 13 S. S 34 on N. E,  
R 31 E. S 3 on S. E,  
S 14 S. S 4 on S. W.  
& S. 33 on N. W faces -  
with 3 notches  
on E & W edges - dug  
pits  $18 \times 18 \times 12$  ins in  
each Sec  $5\frac{1}{2}$  ft. dist.

St. By T 14 S. R 3, E

Chs-

and raised a mound  
of earth 2 ft. high  
4 1/2 ft. base around post.  
Surface level  
Soil sandy 2<sup>nd</sup> rate  
Dense undergrowth

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St 89054' N on a  
true line bet. Secs -  
4 & 33.

Ta 13025' E

4.00

40.00

Enter prairie land -  
Set a post 3 ft.  
long 3 ins. sq. - with  
marked stake 12 ins  
in the ground for  
1/4 Sec 1000 - marked  
1/4 S on N. face. dug  
pits 18 x 18 x 12 ins

N. By. Tp 14 S. R 31 E

Chs -

E + W of post  $5\frac{1}{2}$  ft. -  
 disk, and raised a mound  
 of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$   
 ft. base around post.

80.00 Deposited marked  
 stone 12 ins in the  
 ground for Cor. to  
 Secs 4-5-32 & 33

Two pits  $15 \times 15 \times 12$   
 ins in each Sec  $5\frac{1}{2}$   
 ft. disk, and raised  
 a mound of earth  
 2 ft. high  $4\frac{1}{2}$  ft. base  
 over pit. In S. E.  
 pit drove a stake 2  
 ft. long 2 ins sq. 12  
 ins in the ground -  
 marked -

T. 13 S. S 33 on N. E.  
 R 31 E. S 4 on S. E

Ar. By - S 14 S. R 31 E

Chs -

S 14 S S 5 on S W  
and S 32 on N W faces  
& with 4 notches  
on E & 2 notches on  
W edges -

Surface level  
Soil 1st rate  
Good grass and  
scattering brush

---

N 89° 54' W on a tree  
line bet Secs 5 & 32

Pa 13° 25' E

28.50 Ruins of old stage station

34.80 Cross road bet N 10° W &  
S 10° E

38.24 Cross San Simon Creek  
10 lbs wide course  
N 14° W -

101  
 N. Bay Tp 14 S. R 31 E

Obs -

40.00

Deposited marked stone 12 ins in the ground for  $\frac{1}{4}$  Sec Cor. dug pits  $18 \times 18 \times 12$  ins E & W of stone  $5\frac{1}{2}$  ft. dia. and raised a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base over pit. In E. pit drove a stake 2 ft. long 2 ins sq. 12 ins in the ground marked  $\frac{1}{4}$  S on W. face.

80.00

Deposited marked stone 12 ins in the ground for Cor. to Secs 5-6-31 & 32, dug pits  $18 \times 18 \times 12$  ins in each Sec  $5\frac{1}{2}$  ft. dia. and raised a mound of earth



N. By Sp 14 S. R 31 E

Chs-

2 ft. high  $4\frac{1}{2}$  ft. base  
over it - In S. E.  
pit drove stake  
2 ft. long 2 ins. sq.  
12 ins. in the ground  
marked -

S 13 S. S 32 on N. E.  
R 31 E. S 5 - on S. E.  
S 14 S. S 6 on S. W  
and S 31 on N. W  
faces - & with 5  
notches on W and  
1 notch on E edge

Surface level -  
Soil sandy loam  
1st rate -

Good grass

N 89 5 4' W on a true

St. By Sp 14 S. R 31 E

Obs -

line bet. Secs 6 + 31

To 13° 25' E

40.00

Deposited marked  
stone 12 ins in the  
ground. For  $\frac{1}{4}$  Sec Cor.  
Dug pits 18 x 18 x 12 ins  
E & W of stone 5  $\frac{1}{2}$   
ft. dia. & raised a mound  
of earth 1  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. base over it -

In E pit drove a  
stake 2 ft. long &  
ins sq. - 12 ins in the  
ground marked -

$\frac{1}{4}$  S on N. face -

78.98

The Cor. to Sp 13 + 14 S -  
R 30 + 31 E - from which  
I started -

Surface level

Soil sandy loam -

N. By T<sup>p</sup> 14 S. R. 31 E

Obs -

1<sup>st</sup> rate -

Dense greasewood  
and mesquite brush  
Some grass

I carefully examined  
the adjustments of  
my Solar Compass  
to day particularly  
the latitude & reversing  
apparatus and found  
them correct.

Feb - 23<sup>d</sup> 1883 -

E. By T<sup>p</sup> 13 S. R. 30 E.

From the box to  
T<sup>p</sup>s 13 + 14 S. R. 30  
+ 31 E recently

E. By Sp 13 S. R 30 E

Chs -

established by me  
I run with - bet -  
Secs. 31 & 36 -

ba 13° 25' E

5.00 Enter road hrs N +  
S 6° W -

8.00 Leave road hrs -  
S + N 8° E -

40.00 Deposited marked  
stone 12 ins in the  
ground for 1/4 Sec Cor.  
Dug pits 18 x 18 x 12  
ins N + S of stone  
5 1/2 ft. dist, and  
raised a mound of  
earth 1 1/2 ft. high  
3 1/2 ft. base over it  
In N. pit drove a  
stake 2 ft. long 2  
ins sq 12 ins in the

E Bay Tp 13 S. R 30 E

Chs -

80.00

ground - marked  
 1/4 S on W. face  
 Deposited marked  
 stone 12 ins in the  
 ground for cor. to  
 Secs 25-30-31 & 36 -  
 dug pits 18 x 18 x 12  
 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 ft.  
 long 2 ins sq -  
 12 ins in the ground  
 marked - T. 13 S. R 30 on T. E.  
 R 31, E. S 31 on S. E.  
 R 30 E. S 36 on S. W  
 and S 25 on T. W  
 faces & with 1 notch

E. By Sp 13 S. R 30 E -

Obs -

on 3 + 5 notches on the  
edges -

Surface level  
soil 1st rate

Mesquite & greasewood brush  
Good grass

North bk, Sec 25 + 30

to 130 25' E

1.00 Cross road hrs N 10° W  
+ S 10° E,

27.00 Del. line hrs N 75° 8' W -

27.42 S.P. Ry hrs N. 75° 0' 8" W + S 75° 0' 8" E -

28.00 San Simon station

66 lbs west of line -

40.00 Deposits marked

stone 12 ins in the

ground - for 1/4 Sec

Co., dug pits 18 x 18 x

E. By Sp 13 S. R 30 E

Obs-

12 ms N + S of stone  
 5 1/2 ft. dist. and  
 raised a mound of  
 earth 1/2 ft. high  
 3 1/2 ft. base over it  
 In N. pit drove  
 stake 2 ft. long 2  
 ms sq - 12 ms if  
 the ground marked  
 1/4 S from N face -

80.00

Deposited marked  
 stone 12 ms in the  
 ground for Coos  
 Secs 19-24-28-30.  
 dug pits 18 x 18 x 12  
 ms in each sec  
 5 1/2 ft. dist. and  
 raised a mound  
 of earth 2 ft.  
 high 4 1/2 ft. base

E. By 513 S. R 30 E

Chs-

over it. In S. E  
 pit drove stake 2  
 ft. long 2 ins sq - 12  
 ins in the ground  
 marked - 513 S. S 19 on N. E.  
 R 31 E. S 30 on S. E.  
 R 30 E. S 25 on S W.  
 S 24 on N. W faces  
 and with 2 notches  
 on S + 4 notches on N  
 edges -

Surface level  
 Soil, at rate  
 Dense greasewood +  
 mesquite brush -  
 by Dod grass -

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North bet. Secs 19 + 24  
 Ta 13025' E



E Bay Sp 13 S. R 30 E.

Chs\_

40.00

Deposited marked stone 12 ins in the ground for  $\frac{1}{4}$  Sec Co. -  
 dug pits 18 x 18 x 12  
 ins of top of stone  
 $5\frac{1}{2}$  ft. dist. and  
 raised a mound  
 of earth  $1\frac{1}{2}$  ft.  
 high  $3\frac{1}{2}$  ft. base  
 over it - In E  
 pit drove stake  
 2 ft. long 2 ins sq.  
 12 ins in the ground  
 marked  $\frac{1}{4}$  S for W  
 face

80.00

Deposited marked  
 stone 12 ins in the  
 ground for Co. to  
 lines 18-19 & 24 -  
 dug pits 18 x 18 x 12

E By Sp 13 S. R 30 E

Obs -


ms in each Sec -  
 $5\frac{1}{2}$  ft. dist, and  
 raised a mound of  
 earth 2 ft. high  $4\frac{1}{2}$   
 ft. base over it, In  
 S. E. pit drove a  
 stake 2 ft. long 2  
 ms sq. 12 ms in the  
 ground - marked -  
 S 18 on N. E,  
 R 31 E, S 19 on S. E,  
 R 30 E, S 24 on W  
 and S, 3 on N. W  
 faces - and with  
 3 notches on N + S  
 edges -

Surface level  
 Soil, 1st water  
 Dense mesquite &  
 greasewood brush -

E Bay Sp 13 S. R 30 E

Chis.

Good grass



North bet. Secs 13 & 18  
ba 13° 25' E.

40.00

Deposited marked  
stone 12 ins in the  
ground. for  $\frac{1}{4}$  Sec  
Cor. dug pits 18 x  
18 x 12 ins N & S of  
stone  $5\frac{1}{2}$  ft. dist.  
and raised mound  
of earth  $\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base over pit.

In N. pit - drove  
a stake 2 ft. long  
2 ins sq. 72 ins in  
the ground, marked  
 $\frac{1}{4}$  S of N. face.

E Bay Tp 13 S. R 30 E

Chs -

72.68 Cross San Simon  
creek 6 lks wide  
course N. W.

80.00 Deposited marked  
stone 12 ins in the  
ground for Cor- to  
Secs 7, 12-13 & 18,  
dug pits 18 x 18 x 12  
ins in each sec 5 1/2  
ft. dist. & raised a  
mound of earth 2  
ft. high 4 1/2 ft. base  
over pit. In S. E.  
pit drove a stake  
2 ft. long 2 ins sq.  
12 ins in the ground  
marked -

T 13 S. S 7 on N. E.  
R 30 E. S 18 on S. E.  
R 30 E. S 13 on S W

E By Sp 13 S. R 30 E

Chs-

and S 12 on N W faces.  
with 4 notches on  
S + 2 notches on N  
edges -

Surface level  
Soil 1<sup>st</sup> stratum

Dense mesquite  
and grass wood  
brush -

Good grass -  
\_\_\_\_\_

North bet. Secs -

7 + 12

ba 130° 25' E

8,34 Cross road bet N. W  
and S. E.

40,00 Deposited marked  
stone 12 ins in the  
ground for 1/4 Sec

E By Sp 131. R 30 E

Obs -

Co., dug pits 18x18  
x 12 ins for S of stone  
5 1/2 ft. dist. & raised  
a mound of earth  
1 1/2 ft. high 3 1/2 ft. base  
over it. In pit  
drove a stake 2 ft.  
long 2 ins sq. 12 ins  
in the ground marked  
1/4 S on W face

80.00

Deposited marked  
stone 12 ins in the  
ground for Co. to  
See 1-6-7 + 12 -  
dug pits 18x18x12  
ins in each see 5 1/2  
ft. dist. and raised  
a mound of earth  
2 ft. high 4 1/2 ft.  
base over it

E By Sp 13 S. R 30 E

Obs -

In S. E. pit drove  
a stake 2 ft. long  
2 ins sq. - 12 ins for  
the ground - marked

S 13 S. S 6 on N. E.

R 31 E. S 7 on S. E.

R 30 E. S 12 on S. W

and S 1 on N. W

faces & with 5  
notches on S & 1

notch on N edges.

Surface level

Soil 1st rate

Mesquite & greasewood  
bush -

Good grass -

North - but, Sec -

1 - 6 -

E. By Sp 13 S. R 30 E

Chs -

By 13° 25' E

40.00

Deposited marked stone  
12 ins in the ground  
for  $\frac{1}{4}$  Sec Cor. - dug  
pits 18 x 18 x 12 ins  
No 1 of stone  $5\frac{1}{2}$   
ft. dia. & raised a  
mound of earth  
 $1\frac{1}{2}$  ft. high,  $9\frac{1}{2}$  ft.  
base over it. In  
N. pit drove stake  
2 ft. long 2 ins sq -  
12 ins in the ground  
marked  $\frac{1}{4}$  S for W

face -

80.00

Deposited marked  
stone 12 ins in the  
ground for Cor. to  
Sp - 12 & 13 S. R 30  
& 31 E. Dug pits



E Bay Sp 13 S. R 30 E

Chs-

24 x 18 x 12 ins length  
wise on each line  
N. S. E. & W of Cor- 6  
ft. disk, & raised a  
mound of earth<sup>x</sup>  
2 1/2 ft. high 5 ft.  
base over it. In  
E. pit drove a  
stake 2 ft. long 2  
ins. dia. - 12 ins. in the  
ground - marked.  
S 12 S. S 31 on N. E.  
R 31 E. S 6 on S. E.  
S 13 S. S 1 on S. W  
and R 30 E. S 36 on N. W  
faces and with 6  
notches on each  
edge.

Surface level  
Soil. 1st rate

E By Sp 13 S. R 30 E.

chs -

Mesquite & greasewood  
brush -  
Good grass

---

N. By Sp 13 S. R 31 E.

---

From the Cor. to Dps  
12 + 13 S. R 30 + 31 E.  
just established. I  
run East on a random  
line bet. Dps 12 + 13 S.  
allowing 1.35 chs on  
the first  $\frac{1}{2}$  mile for  
convergence - I set  
temporary  $\frac{1}{4}$  + Sec.  
corners at every 40  
and 80 chs and at  
478.81 chs. I arrive

N. By Sp 13 S. R 31 E.

Chs-

at a point 112 lks  
North of Coor - to  
Sp 12 + 13 S. R 31 + 32 E  
which was recently  
established by me -  
From which Coor -  
I run -

At 89052' Wona true  
line bet. Secs - 1 + 36

37.40  
40.00

Cross creek 5 lks wide <sup>to 13025'E</sup> course S. W.

Set a granite stone  
16 x 12 x 8 ins 11 ins  
in the ground for  
1/4 Sec for, marked  
1/4 on N. face and  
raised a mound  
of stone alongside  
It's unpracticable  
Base of Mtn &

63.00

N. Bay Sp 13 S. R 31 E

Chs-

80.00

ascend steep bluff  
of trachyte rock

Set a granite stone  
18 x 12 x 7 ins 12 ins  
in the ground for

Cor. to Decs 1-2-35  
+ 36 - marked with  
1 notch on E + 5

notches on W <sup>edges</sup> faces -  
and raised a mound

of stone alongside  
Pts impracticable  
on top of Mt 400 ft  
high

Surface mountainous  
Soil rocky & stony

Good grass

N 89° 52' W on a line

N. By. Sp 13 S. R 31 E

Obs-

line bet. Secs - 2435 -  
Va 13025 - E -

Descend W. slope of  
Mtn -

29.00 Crops dry with  
20 links white  
course S. W

40.00 Set a granite stone  
18 x 12 x 10 ins 12 ins  
in the ground for  
1/4 sec Cor. marked 1/4  
on N face and raised  
a mound of stone  
along side. Pits  
unfacturable -

51.00 Rocky butte S of line 15 chs -  
80.00 Set a granite stone  
22 x 18 x 7 ins 16 ins  
in the ground for

Ar. By Sp 13 S. R 31 E

Cor. to Secs 2-3-34 &  
35 - marked with  
2 notches on S &  
4 notches on W edges -  
and raised a mound  
of stone along side  
Pits unpracticable  
Surface mountainous  
Soil rocky 3<sup>d</sup> rate  
Some grass -

---

At 89° 5' 2" W on a true  
line bet. Secs 34 & 35 -  
to 13° 25' E -

39.28 Cross dry wash 6  
links wide course  
Ar. W -  
10.00 Set a granite  
stones 16 x 12 x 10

Dr. By Sp 13 S. R 31 E

Chs-

- 63,200      11 mis in the ground  
 for  $\frac{1}{4}$  Sec Cor. marked  
 on W. face and  
 raised a mound of  
 stone along side, Pits  
 impracticable
- 76,400      Cross same wash  
 course S. W-
- 80,000      Cross same wash  
 course N. W-
- Set a granite stone  
 16 x 12 x 8 mis 11 mis in  
 the ground for Cor-  
 to Spes 3-4-33-34-  
 marked with 3  
 notches on E + W  
 edges- and raised  
 a mound of stone  
 along side Pits  
 impracticable

N. By. Dip 13 S. R 31 E

Chs-

Surface rolling  
Soil rocky 2' <sup>up</sup>grate  
Good grades

---

N 89° 5' 2" W on a true  
line bet. Secs 4 & 33  
Ta 1302 8' E

40.00

Set a granite stone  
16 x 10 x 6 ins 11 ins in  
the ground for  $\frac{1}{4}$   
Sec Cor, marked  $\frac{1}{4}$  on  
N. face and raised  
a mound of stone  
along side. Pits  
infranchisable -

80.00

Set a volcanic stone  
14 x 12 x 8 ins 9 ins in  
the ground for Cor



St. By Sp 13 S. R. 3. E

Obs -

to Secs 4-5-32 & 33 -  
 marked with  
 2 notches on W and  
 4 notches on Edges -  
 and raised a mound  
 of stone alongside  
 this unpracticable  
 surface level  
 Soil 2<sup>nd</sup> rate  
 scattering brush

---

At 90° 52' W on a  
 true line bet. Secs -  
 5 & 32 -

to 130° 25' E

40,00

Set a granite stone  
 16 x 10 x 8 ins 11 ins in  
 the ground for 1/4  
 Sec cor. marked

N. By Sp 13 S. R 31 E

Chs-

8000  $\frac{1}{4}$  on N. face and  
 raised a mound of  
 stone along side  
 Pits unpracticable  
 Set a trachite rock  
 14 x 10 x 8 ins 9 ins in  
 the ground for Cor-  
 to fees 5-6-31+32  
 marked with 5 notches  
 on E + 1 notch on W  
 edges and raised a  
 mound of stone  
 along side, Pits  
 unpracticable -  
 surface level  
 Soil 2<sup>nd</sup> rate -  
 Scattering greasewood  
 brush

---

N. By Sp 13 S. R 31 E

Chs-

N 89° 5' 2" W on a true line bet. Secs 6 + 31.

Pa 13028' E

40,00

Set a porphyry rock 14 x 10 x 8 in 9 in in the ground for 1/4 sec <sup>marked 1/4 on the face</sup> top. <sup>1/2</sup> dig pits 18 x 18 x 12 in E + W of stone 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base along side

78,81

The cor. to Sp 12 + 13 S. R 30 + 31 E from which I started surface level soil gravelly 2<sup>nd</sup> rate scattering greasewood bush

S. By Sp 13 S. R 29 E -

chs -

S. By Sp 13 S. R 29 E.

From the cor to Sp. 13 + 14 S. R 30 + 31 E, recently established by me - I run West on a random line on S By of Sp 13 S. R 29 + 30 <sup>sitting temporary</sup> ~~Sp + R~~ cor. at every 0.780 chs - E - and at 957.30 chs I arrive at a point 1.35 chs. S of cor to Sp 13 + 14 S R 29 + 30 E which is a mound of earth, with pits N. S. E + W of cor - 6 ft. dia. and a stake 2 ins sq in E pit - marked S 13 S 31 on N. E. R 29 E, S 6 on S. E S 14 S. S 1 on S. W and R 29 E, S 36 on N. W

S. By Sp-13 S. R 29 E

Chs

faces and 6 notches  
on each edge -

allowing 190 lbs for  
convergence and  
45 lbs for discrepancy  
on first half mile -  
I run

S 89° 55' E on a true  
line bet. Secs 6 & 31 -

to 150° 25' E

38.65

Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec  
600. dug pits 18 x 18  
x 12 ins E & W of stone  
5  $\frac{1}{2}$  ft. dist. and  
raised a mound of  
earth  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. base over it  
I in E. pit drove

S. By T 13 S. R 29 E

Obs

a stake 2 ft. long  
2 ins. sq. - 12 ins in the  
ground - marked  $\frac{1}{4}$  S  
on N. face -

78.65 - Deposited marked  
stone 12 ins in the  
ground for Cor. to  
Secs 5-6-31432 -  
dug pits 18 x 18 x 12 ins  
in each Sec 5  $\frac{1}{2}$  ft.  
dick, and raised a  
mound of earth 2  
ft. high  $\frac{1}{2}$  ft. base over  
it - On S. E. pit drove  
stake 2 ft. long 2 ins  
sq. - 12 ins in the ground  
marked -

T 13 S. S 32 on N. E

R 29 E. S 5 on S. E.

T 14 S. S 6 on S. W

S. By 5.3 S. R 29 E

Chs-

S 31 on N. W faces with  
 1 notch on W and 5  
 notches on E edges  
 Surface level  
 Soil 2<sup>nd</sup> rate  
 Scattering brush-

---

S 89° 55' E on a true  
 line bet. Secs. 5 & 32  
 Tn 13° 25' E

40.00

Deposited marked stone  
 12 ins in the ground for  
 $\frac{1}{4}$  Sec Cor. Along pits  
 18 x 18 x 12 ins E of W of  
 stone 5  $\frac{1}{2}$  fts. dist &  
 raised a mound of  
 earth 1  $\frac{1}{2}$  fts. high  
 4  $\frac{1}{2}$  fts. base over it

S. By T. 3 S. R. 29 E

Chs

In E. pit drove a stake  
2 ft. long 2 ins sq - 12 ins  
in the ground - Marked  
 $\frac{1}{4}$  S on N face

80.00

Deposited marked stone  
12 ins in the ground for  
Cor. to Sec 4-5-32 & 33  
dug pits 15 x 15 x 12 ins  
in each Sec 5  $\frac{1}{2}$  ft.  
diam. & raised a mound  
of earth 2 ft. high  $4\frac{1}{2}$   
ft. base over it, in  
S. E. pit drove a stake  
2 ft. long 2 ins sq -  
12 ins in the ground  
marked -

T. 10 S. S 33 on N. E.  
R. 29 E. S 4 on S. E.  
T. 4 S. S 5 on S. W &  
S 32 on N. W faces



J. By T. S. S. R 29 E

Chs-

and with 2 notches  
on W and 4 notches  
on E edges -

Surface level  
Soil 2<sup>nd</sup> rate  
Scattering brush.

---

S 89° 55' E on a true  
line bet. Secs 4 & 33 -

by 130° 25' E -

40.00

Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec Cor-  
blue pits 18 x 18 x 12 ins  
E & W of stone  $5\frac{1}{2}$  ft.  
diam. and raised a  
mound of earth  $1\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base

S. By T. 3 S. R. 29 E

chs.

over it, in E pit  
drove a stake 2 ft.  
long 2 ins sq - 12 ins  
in the ground marked  
 $\frac{1}{4}$  S on N. face

80,00

Deposited marked stone  
12 ins in the ground for  
Coo. to Secs of 4-33 & 34  
- dug pits 18 x 18 x 12 ins  
in each Sec 5  $\frac{1}{2}$  ft.  
dirt, and raised a mound  
of earth 2 ft. high 4  $\frac{1}{2}$   
ft. base over it.

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

T. 3 S. S. 34 on N. E

R. 29 E. S. 33 on S. E,

T. 4 S. S. 34 on S. W

S. Bay - 513 S. R 29 E

Obs.

and S 30 m N. W  
 faces - with 3  
 notches on E & W  
 edges

Surface level  
 Soil 2<sup>nd</sup> rate  
 Scattering brush

---

S 89° 55' E on a true  
 line bet. Secs 3 & 34 -  
 T 130° 25' E

40.00

Deposited marked stone  
 12 ins in the ground  
 for  $\frac{1}{4}$  Sec Cool dug  
 pits 18 x 18 x 12 ins E & W  
 of stone 5  $\frac{1}{2}$  ft. dist -  
 and raised a mound  
 of earth 1  $\frac{1}{2}$  ft. high  
 3  $\frac{1}{2}$  ft. base over it

S. By T. 13 S. R. 29 E

chs-

80.00

In E pit drove a  
slate 2 ft. long 2 ins  
sq. - 12 ins in the ground  
marked  $\frac{1}{4}$  S on N. face  
Deposited marked stone  
12 ins in the ground for  
cov. to Secs 2-3-34 & 35  
dug pits 18 x 18 x 12 ins  
in each Sec. 5  $\frac{1}{2}$  ft. dia.  
and raised a mound of  
earth 2 ft. high 4  $\frac{1}{2}$  ft.  
base over it. In  
S. E. pit drove a slate  
2 ft. long 2 ins sq.  
12 ins in the ground  
marked  
T. 13 S. S. 35 on N. E  
R. 29 E. S. 2 on S. E.  
T. 14 S. S. 3 on S. W  
and S. 34 on N. W

S. Ry T. 3 S. R 29 E

Obs-

faces + with 2  
notches on E + 4  
notches on W faces  
Surface level  
Soil 2<sup>nd</sup> rate -  
Scattering mesquite +  
greasewood brush

---

S 89° 55' E on a true  
line bet. Secs 2 + 35

to 13° 25' E

40.00

Deposited marked stone  
12 ins in the ground for  
1/4 bee Co., dug pits  
18 x 18 x 12 ins E + W of  
stone 5 1/2 ft. dist -  
raised a mound of  
earth 1 1/2 ft. high  
3 1/2 ft. base over it

S. By T. 3 S. R. 29 E

Chs-

in E pit drove a stake  
2 ft. long 2 ins sq - 12  
ins in the ground  
marked  $\frac{1}{4}$  S on N-  
face -

80.00

Deposited marked  
stone 12 ins in the  
ground for Cor. to  
Secs 1-2-35-436 -

dug pits 18 x 18 x 12  
ins in each sec  $5\frac{1}{2}$   
ft. dist. and raised  
a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft.  
base over it. In

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

T. 3 S. S. 36 on NE

S. By T. 13 S. R. 29 E

Obs-

R. 29 E. S. 1 on S. E.  
 T. 14 S. S. 2 on S. W.  
 S. 35 on N. W. faces  
 + with 5 notches  
 on W and 1 notch  
 on E edges -

Surface level  
 Soil 2<sup>nd</sup> water  
 Scattering brush

---

S. 89° 55' E on a true  
 line bet. Secs 1 + 36  
 to a 13° 25' E

40,00

Deposited marked  
 stone 12 ins in the  
 ground for  $\frac{1}{4}$  Sec Cor.  
 dug pits 18 x 18 x 12  
 and E & W of stone

S. By T. 13 S. R. 29 E

Chs -

5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it in E pit drove a stake 2 ft. long 2 ins sq - 12 ins in the ground, marked N 4 S on N. face

80.00

Deposited marked stone 12 ins in the ground for Cor. to Tps 13 & 14 S, R. 29 & 30 E - Dug pits 24 x 18 x 12 ins lengthwise on each line N. S. E & W of Cor. 6 ft. dist. and raised a mound of earth 2 1/2 ft. high 5 ft. base over it -



S. By - 5, 3 S. R 29 E

Obs -

In E. pit drove a  
stake 2 ft. long 2  
ins sq - 12 ins if the  
ground unmarked  
5, 3 S. S 3, on N. E  
R 30 E. S 6 on S. E,  
5, 4 S. S 1 on S. W  
and R 29 E. S 6 on W  
faces - with 6 notches  
on each - edge -  
Surface level  
soil 2<sup>nd</sup> rate  
scattering brush -

---

S. By, Sp 13 S. R 30 E -

From the loc. to  
Sp 13 + 14 S. R 29 + 30  
E - just established

L. By T. S. J. R 30 E

Chs-

Down -

S 89° 55' E on a true line bet. Secs 6 & 31

To 13° 25' E

allowing 1.85- chs for convergency and discrepancy - on first half mile -

38.65-

Deposited marked stone 12 ins in the ground for 1/4 Sec Cor. Dug pits 18 x 18 x 12 ins E & W of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E pit drove a stake 2 ft. long 2 ins sq. 12 ins in the ground marked 1/4 S on N. face

S. By T. S. S. R. 30 E

Chs-

78.65-

Deposited marked stone 12 ins in the ground for Cor. 10 Secs - 5 - 6 - 3 1 & 2 - dug pits 18 x 18 x 12 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 ft. long 2 ins sq. - 12 ins in the ground marked - T. S. S. S. 2 on N. E., R. 30 E. S. 5 on S. E., T. 14 S. S. 6 on S. W. and S. 31 on N. W. faces - with 1 notch on W and 5 notches

S. By T 13 S. R 30 E

Chs-

on E edges -  
 surface level  
 Soil 2<sup>d</sup> rate  
 Scattering brush  
 \_\_\_\_\_

S 89° 55' E on a true  
 line bet. Secs 5 & 2  
 to 13° 25' E

40.00 Deposited marked stone  
 12 ins in the ground for  
 1/4 sec cor. dug pits  
 18 x 18 x 12 ins E & W of  
 stone 5 1/2 ft. dist. &  
 raised a mound of  
 earth 1 1/2 ft. high & 1/2  
 ft. base over it -  
 In E. pit drove a  
 stake 2 ft. long &  
 2 ins sq - 12 ins in the

b. By D. S. S. R 30 E

Obs-

80,00

ground - marked  $\frac{1}{4}$  S  
 of N. face  
 Deposited marked  
 stone 12 ins in the  
 ground for Cor. to  
 lines 4, 5 - 32 + 33 -  
 also pits - 18 x 18 x 12 ins  
 in each Sec 5 -  $\frac{1}{2}$  ft.  
 dist. & raised a mound  
 of earth 2 ft. high  $4\frac{1}{2}$   
 ft. base over ht. In  
 S. E pit drove a stake  
 2 ft. long 2 ins sq 12  
 ins in the ground  
 - marked -

D. S. S. 33 on N. E

R 30 E. S 4 on S. E.

D. S. S. 5 on S. W.

and S 32 on N. W

faces - with 2

S. By 5, 3 S. R 30 E

Obs.

notches on W & E  
 notches on E edges  
 Surface level:  $\nabla$   
 Soil, 1<sup>st</sup> rate  
 Scattering mesquite  
 & greasewood brush

---

S 89° 55' E on a true  
 line bet. Secs 4 & 33.

To a 13° 25' E

40.00

Deposited marked  
 stone 12 ins in the ground  
 for  $\frac{1}{4}$  Sec Cor - dug pits  
 18 x 18 x 12 ins E & W of stone  
 5  $\frac{1}{2}$  ft. dist. & raised a  
 mound of earth 1  $\frac{1}{2}$   
 ft. high &  $\frac{1}{2}$  ft. base  
 over it. In E. pit  
 drove a stake 2 ft.

By T. S. S. R. 30 E

Obs-

80.00

long 2 ms sq - 12 ms in  
 the ground - marked  
 1/4 S of N. face -  
 Deposited - marked  
 about 12 ms in the  
 ground for Cor. to Sec.  
 3-4-33 & 34 - dug pits  
 18 x 18 x 12 ms in each  
 Sec 5 1/2 ft. dia. &  
 raised a mound of  
 earth 2 ft. high  
 4 1/2 ft. base over it  
 In S. E. pit drove  
 a stake 2 ft. long  
 2 ms sq - 12 ms in  
 the ground - marked  
 T 13 S. S 34 on N. E.  
 R 30 E. S 30 on S. E.  
 T 14 S. S 4 on S W  
 + S 33 on N. W faces

S. By 5.3 S. R 50 E

Obs-

with 3 notches on  
E & W edges -  
Surface level  
Soil 1<sup>st</sup> rate

Dense mesquite & catalpa  
brush Good grass

---

S 89° 55' E on a true  
line bet. Secs 3 & 4 -  
to 130° 25' E -

40.00 Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec Cor.  
Dug pits 18 x 18 x 12  
ins E & W of stone  
5  $\frac{1}{2}$  ft. dist. and  
raised a mound of  
earth  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. base over it



S. By. T 13 S. R 30 E

Chs-

80,00

In E pit drove a stake 2 ft. long 2 ins sq - 12 ins in the ground marked  $\frac{1}{4}$  on N. face

Deposited marked stone 12 ins in the ground for Cor. to Secs 2-3 & 3 4 & 3 5 - dug pits 18 x 18 x 12 ins inf each Sec  $5\frac{1}{2}$  ft. dist - and raised - mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base over it

In S. E. pit drove a stake 2 ft. long 2 ins sq - 12 ins in the ground - marked T 13 S. S 35 - on N. E R 30 E, S 2 on S. E

S. By 5.0 S. R 30 E

Obs -

S 14 S. S 3 on S. W  
and S 34 on N. W faces  
with 4 notches on  
N and 2 notches on E  
edges -

Surface level  
Soil, 1st rate -

Dense greasewood &  
mesquite brush -  
Some grass

---

S 89° 55' E - on a  
true line bet. Secs -  
2 + 35 -

Tr 130° 25' E

40.00

Set a post 3 ft -  
long 3 ins sq - with  
marked stone 72 ins  
in the ground for

S. By - 513 S. R 30 E

Chs-

1/4 Sec 600. marked  
1/4 S on N. face, dug  
pits 18 x 18 x 12 ins E  
& W of post 5 1/2 ft.  
diam. and raised a  
mound of earth 1 1/2  
ft. high 3 1/2 ft. base  
around post.

80,000

Deposited marked  
stone 12 ins in the  
ground for Cor. to  
bees 1-2-3 5-4 36-  
dug pits 18 x 18 x 12  
ins in each Sec -  
5 1/2 ft. diam. & raised  
a mound of earth  
2 ft. high 4 1/2 ft -  
base over it. In  
S. E. pit drove a  
stake 2 ft. long

S. By T. 3 S. R 30 E.

Obs-

2 ins sq - 12 ins in the ground - Marked.

T 3 S. S 36 on N. E.  
R 30 E. S. 1 on S. E.  
S 14 S. S 2 on S. W +  
S 35 on N. W. faces  
with 5 notches on  
W + 1 notch on E  
edges -

Surface level  
Soil 1st rate

Use greasewood  
and mesquite brush

---

S 89° 55' E on a true  
line bet. Secs 1 + 36.

to 13° 25' E

40.00

Deposited marked  
stone 12 ins in the

S. By T. S. R. 30 E

Sh-

ground for  $\frac{1}{4}$  Sec  
 100, dug pits 18 x 18 x  
 12 ins E + N of stone  
 $5\frac{1}{2}$  ft. dist. & raised  
 a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base  
 over it, In E pit  
 drove a stake 2  
 ft. long 2 ins sq.  
 12 ins in the ground  
 marked  $\frac{1}{4}$  S. on N. face

58.00

Cross road hrs  
 N + S.

80.00

The Cor. to Tps -  
 13 + 14 S. R. - 30 + 31  
 E. from which I  
 started -

Surface level  
 Soil, et rate

Dense greasewood + mesquite brush

E. By Sp 13 S. R 29 E.

E. By Sp 13 S. R 29 E

From the Cor. to Sp-  
13 + 14 S. R. 29 + 30 E  
recently established  
by me from North  
W. Sec. - 31 + 36 -

to 13025' E

40,00

Deposited marked  
stone 12 ins in the  
ground for  $\frac{1}{4}$  Sec Cor  
dug pits 18 x 18 x 12  
ins N + S of stone  
 $5\frac{1}{2}$  ft. dist. and  
raised a mound of  
earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base over it  
In N. pit drove a  
stake 2 ft. long 2 ins

E By Sp 13 S. R 29 E.

Obs-

80,000 sq - 12 mis in the ground  
 marked  $\frac{1}{4}$  S on W face  
 Deposited marked  
 stone 12 mis in the  
 ground for Co. to Secs  
 25-30 31 & 36 - dug  
 pits  $18 \times 18 \times 12$  mis in  
 each sec  $5\frac{1}{2}$  ft. dist.  
 and raised a mound  
 of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base over it  
 In S. E pit drove  
 a stake 2 ft. long  
 2 mis sq - 12 mis in  
 the ground marked  
 T 13 S. S 30 on N. E  
 R 30 E. S 31 on S. E.  
 R 29 E. S 36 on S. W  
 and S 25 on N. W  
 faces with 1

E. Big Sp 13 S. R 29 E

Obs.

notch on S & S-notches  
on N. ~~face~~ edges,  
Surface level  
Soil gravelly 2<sup>nd</sup> rate  
Scattering brush -  
\_\_\_\_\_

North bet. Secs 25 & 30  
to a 130 25' E

40.00

Deposited marked  
stake 12 ins in the  
ground for  $\frac{1}{4}$  Sec Co.,  
Dug pits 18 x 18 x 12 ins  
N of S of stake 5  $\frac{1}{2}$  ft.  
dist. and raised a mound  
of earth 1  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. base over it.  
In N. pit drove a  
stake 2 ft. long 2 ins  
sq 12 ins in the ground



E By Sp 13 S. R 29 E

Chs-

80.00

marked  $\frac{1}{4}$  S on W face -  
 Deposited, marked  
 stone 12 ins in the  
 ground for Co. to Secs  
 19-24-25+30 - dug pits  
 18 x 18 x 12 ins in each  
 Sec  $5\frac{1}{2}$  ft. dist. and  
 raised a mound  
 of earth 2 ft. high  $4\frac{1}{2}$   
 ft. base over it. In  
 W. E. pit drove a stake  
 2 ft. long - 2 ins sq - 12  
 ins in the ground  
 marked -

S 13 S. S 19 on N. E.  
 R 20 E. S 30 on S. E  
 R 29 E. S 25 on S. W  
 and S 24 on N. W  
 faces & with 2  
 notches on S &

E. Bay Sp 13 S. Reg E

Chs-

4 notches on the edges -  
 Surface level -  
 Soil gravelly, 3<sup>d</sup> rate  
 Scattering brush -  
 ~~~~~

North bet. Secs 19 + 24  
 Va 13025' E

4000

Deposited marked stone  
 12 ins in the ground for  
 1/4 sec. Co. deep pits 18 x 18  
 x 12 ins N + S off stone 5 1/2  
 ft. dist. & raised mound  
 of earth 1 1/2 ft. high  
 3 1/2 ft. base over it.

In N. pit drove a stake  
 2 ft. long & 2 ins sq 12  
 ins in the ground  
 marked - 1/4 S on W  
 face -

E. By Sp 13 S. R 29 E

Chs-

- 77.30 Cross ditch 10 lks-  
wide course S. 75° E
- 77.70 Telegraph line hrs  
N 75° W + S. 75° E
- 78.20 S. P. Ry. hrs N. 75° W + S 75° E
- 79.10 Road hrs - N 75° W + S 75° E
- 80.00 Set a granite stone  
18 x 6 x 4 ins 12 ins  
in the ground for  
Coo- to Secs 13-18-19 +  
24 - marked with 3  
notches on N + S edges -  
dig pits 18 x 18 x 12  
ins in each sec 5-1/2  
ft. dia. & raised a  
mound of earth  
2 ft. high 4 1/2 ft.  
base along side  
surface level  
Soll 2<sup>nd</sup> rate

E. By T. P. 13 S. R 29 E

Use -

Dense greenwood brush

North bet. Secs 13 + 18

To 13° 25' E.

40.00

Deposited marked stone 12 ins in the ground for 1/4 Sec  
Cor. dug pits 18 x 18 x 12 ins  
N + S of stone 5 1/2 ft. dia. &  
raised a mound of earth  
1 1/2 ft. high 3 1/2 ft. base  
over it. In N. pit drove  
a stake 2 ft. long 2 ins sq. - 12 ins  
in the ground marked 1/4 Sec  
N face

80.00

Deposited marked stone 12  
ins in the ground for Cor. to  
Secs - 7 - 12 & 13 + 18 - dug pits  
18 x 18 x 12 ins in each Sec  
5 1/2 ft. dia. and raised a

E. By 5, 3 S. R 29 E

Obs.

mound of earth 2 ft. high  $4\frac{1}{2}$  ft. base over it. In S. E pit drove a stake 2 ft. long 2 ins sq - 12 ins in the ground marked - 5, 3 S. S 7 N. E R 20 E, S 18 on S. E R 29 E, S 13 on S. W + S 12 on N. W faces - + with 4 notches on S + 2 notches on N edges -  
 Surface level  
 Soil 2<sup>nd</sup> rate

Dense mesquite + greasewood brush

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North bek. Secs 7 + 12 -  
 Va 130 25' E -

40.00 Deposited marked stone 12 ins in the ground for  $\frac{1}{4}$  sec cor-  
 ding pits 18 x 18 x 12 ins N + S

E. By Tp 13 S. R 29 E.

Obs-

of stone  $5\frac{1}{2}$  ft. dia. & raised  
a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base over it. In N pit  
drove a stake 2 ft. long 2 ins sq  
12 ins in the ground marked by  
Don W. face.

40,000

Deposited marked stone 12  
ins in the ground for Cor. to see  
1-6-7 & 12 - 12 ins pits  $18 \times 18 \times 12$   
ins in each dia  $5\frac{1}{2}$  ft. dia.  
and raised a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft. base over it  
In S. E. pit drove a stake 2 ft.  
long 2 ins sq - 12 ins in the  
ground marked - S 13 S. 16 on N E  
R 20 E. S 7 on S. E. R 29 E. S 12 on W  
and S 1 on N. W faces - with 1  
notch on N & 5 notches on  
Sides

Surfaces level

E. By 5, 13 S. R 29 E

Chs

Soil 2<sup>nd</sup> rate  
Scattering brush.

---

North bit. Secs 1 + 6 -  
T<sub>2</sub> 130° 25' E

40,000

Deposited marked stone 12 ins  
in the ground for  $\frac{1}{4}$  Sec Cor-  
ding pits 18 x 18 x 12 ins N + S of  
stone 5  $\frac{1}{2}$  ft. dist. & raised  
a mound of earth 1  $\frac{1}{2}$  ft.  
high 3  $\frac{1}{2}$  ft. base over it  
In N pit drove a stake 2 ft.  
long 2 ins sq - 12 ins in the  
ground - marked  $\frac{1}{4}$  S on  
W. face -

80,000

Deposited marked stone  
12 ins in the ground for  
Cor- to Sps - 12 + 13 S. Rs -  
29 + 30 E. dug pits 24 x

E By 5.31. R 29 E

Chs-

18 x 12 ins N. S. E + W of Cor-  
 6 ft. dist, lengthwise on line  
 and raised a mound of earth  
 2 1/2 ft. high 5 ft. back over  
 corner. In E. pit drove a  
 stake 2 ft. long 2 ins sq -  
 12 ins in the ground marked  
 5.12 S. S. 1 on N. E.  
 R 30 E. S 6 on S. E.  
 5.13 S. S. 1 on S. W and  
 R 29 E. S 36 on N. W faces  
 + with 6 notches on each  
 edge.

Surface level

Soil 2<sup>nd</sup> rate

Scattering brush. Good  
 grass. Last 3 miles of this  
 line.

I carefully examined  
 the adjustments of my solar



E By Tp 13 S. R 29 E

Chs-

Compass to-day particularly  
the latitude & reversing  
apparatus & found them  
correct.

Apr 2<sup>nd</sup> 1885

N. By. Tp 13 S. R 30 E.

From the Cor. to Tps 12 + 13  
S. R. - 29 + 30 E. - just established  
I run East and random  
line on N. By. Tp 13 S. R 30 E.  
- allowing 135 fchs for  
convergence on the 1<sup>st</sup>  
half while I set temporary  
1/4 + Sec corners at every  
40 + 80 chs and at 478.10  
chs. I arrive at a point  
93 lbs N of Cor. to

N. By T. 13 S. R. 30 E

Chs-

to Sps. 12 & 13 S. R. 30-30  
+ 31 E. which was recently  
established by me -

From which Cor. I run  
N 89° 54' W on a true  
line bet. Secs 1 & 36 -  
to 13° 25' E.

40.00

Deposited marked stone 12 ins  
in the ground for  $\frac{1}{4}$  Sec Cor.  
dug pits 15 x 15 x 12 ins E & W of stone  
5  $\frac{1}{2}$  ft. dist. & raised a mound  
of earth 1  $\frac{1}{2}$  ft. high 5  $\frac{1}{2}$  ft. base  
over it. In E. pit drove a  
stake 2 ft. long 2 ins sq. 12  
ins in the ground - marked  
 $\frac{1}{4}$  S on N. face -

80.00

Deposited marked stone 12  
ins in the ground for Cor-  
to Secs - 1-2-35 & 36. dug pits  
15 x 15 x 12 ins - in each Sec -

N. By T 13 S. R 30 E

Obs.

5/2 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 ft. long 2 ins sq. 12 ins in the ground - marked -

T 12 S. S 36 on N. E, R 30 E. S 1 on S. E. T 13 S. S 2 on S. W + S 35 - on N. W faces - with 1 notch on E + 5 notches on W edges -

Surface level

Soil 1st rate,

Dense mesquite + greasewood brush -

N 90 S - 4' W on a true line bet. Sks - 2 + 35

to 130 25' E

## St. By T. 13 S. R. 30 E

Obs.

- 40.00 Deposited marked stone 12  
 ins in the ground for  $\frac{1}{4}$  sec  
 Cor. dug pits  $18 \times 18 \times 12$  ins E +  
 W of stone  $5\frac{1}{2}$  ft. dist. & raised  
 a mound of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base over it. In E  
 pit drove a stake 2 ft. long  
 2 ins sq - 12 ins in the ground  
 marked  $\frac{1}{4}$  S on N. face
- 66.32 Cross road bet N. W + S. E.
- 78.39 Cross San Simon creek  
 6 lks wide course North
- 79.40 Saw dense brush
- 80.00 Deposited marked stone 12  
 ins in the ground for Cor. to  
 Secs 2-3-34 + 35, dug pits  
 $18 \times 18 \times 12$  ins in each sec  
 $5\frac{1}{2}$  ft. dist. & raised a mound  
 of earth 2 ft. high  $4\frac{1}{2}$  ft.  
 base over it. In S. E

St. By T, S S. R 30 E

Obs -

pit drove a stake 2 ft. long  
 2 ins sq - 12 ins in the ground  
 in marked. T 12 S. S 35 N. E  
 R 30. E. S 2 on S. E. T 10 S.  
 S 3 on S. W + S 34 on N W  
 faces with 2 notches  
 on E + 4 notches on W  
 edges -

Surface level  
 Soil, 1st rate

Dense greenwood +  
 mesquite brush  
 Good grass

St 89054' Wama true  
 line bet. Secs 8 + 94 -

to 18025' E

40.00

Deposited marked stone  
 12 ins in the ground for

N. By T. 3 S. R. 30 E

Chs-

1/4 Sec Cor. dug pits 18x18  
x 12 ins E + W of Stone 5 1/2  
ft. dist. & raised a mound  
of earth 1 1/2 ft. high 3 1/2 ft.  
base over it. In E. pit  
drove a stake 2 ft. long  
2 ins sq - 12 ins in the  
ground marked 1/4 South face

80.00

Deposited marked stone 12 ins  
in the ground for Cor. to Secs -  
3-4-33 + 34. dug pits 18x18  
x 12 ins in each Sec 5 1/2  
ft. dist. & raised a mound  
of earth 2 ft. high 4 1/2 ft.  
base over it. In S. E.  
pit drove a stake  
2 ft. long 2 ins sq - 12 ins  
in the ground marked -

T. 12 S. 34 on N. E. R. 30 E

S. 3 on S. E. T. 13 S. 34 on S. W

N. By 5, 3, 5. R 30 E

Obs-

4 S. 33 out N. W faces with  
5 notches on E & W edges -  
Surface level -  
Soil 1st rate

Mesquite & greasewood brush  
Blowgrass  

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89054. True line  
bet. Secs 4 & 33 -

ba 130 25' E.

40.00

Deposited marked stone 12  
ins in the ground for 1/4  
Sec Cor. dug pits 18x18x12  
ins E & W of stone 5 1/2 ft.  
diam. & raised a mound of  
earth 1/2 ft. high 3 1/2 ft. base  
over it. In E pit drove  
a stake 2 ft. long 2 ins  
sq 12 ins in the ground -

N. By T. S. S. R 30 E

Obs -

80.00

marked  $\frac{1}{4}$  S on N face -  
 Deposited marked stone  
 12 ins in the ground for Cor  
 to Secs 4-S-32 & 33 - dug  
 pits 18 x 18 x 12 ins in each  
 Sec  $5\frac{1}{2}$  ft. diam. & raised  
 a mound of earth 2 ft -  
 high  $4\frac{1}{2}$  ft. base over it -  
 In S. E. pit drove a stake  
 2 ft. long 2 ins sq. - 12 ins in  
 the ground marked -

T. S. S. S 33 on N. E. R 30 E  
 S 4 on S. E. T. S. S. S 5 on S. W.  
 and S 32 on N. W. faces &  
 with 2 notches on N &  
 4 notches on E edges -

Surface level

Soil, strata

Mesquite & greasewood brush

Blow grass



St. By 5.3 S. R 20 E

Obs.

St 89054' From a true line  
bet. Secs 5 & 32

to a 130 25' E

40.00

Deposited marked stone  
12 ins in the ground for  $\frac{1}{4}$   
Sec Cor. dug pits 18x18x12  
ins E & W of stone  $5\frac{1}{2}$  ft. dist.  
& raised a mound of earth  $1\frac{1}{2}$   
ft. high  $3\frac{1}{2}$  ft. base over it -  
In S. E. pit drove a stake  
2 ft. long 2 ins sq 12 ins in the  
ground marked  $\frac{1}{4}$  S out face

80.00

Deposited marked stone  
12 ins in the ground for Cor  
to Secs 5-6-31 & 32 - dug  
pits 18x18x12 ins in each  
Sec  $5\frac{1}{2}$  ft. dist. and raised  
a mound of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base over it. In  
S. E. pit drove a stake

N. By T<sub>13</sub> S, R<sub>30</sub> E

Chs-

2 ft. long 2 ins sq. 12 ins in  
the ground - marked - T<sub>12</sub> S, S<sub>32</sub>  
on N. E, R<sub>30</sub> E, S<sub>5</sub> on S. E.  
T<sub>13</sub> S, S<sub>6</sub> on S. W + S<sub>31</sub> on  
N. W faces - 4 with 1 notch  
on W + 5 notches on E edges -  
Surface level  
Soil, strata

mesquite & greasewood brush -

N 89° 54' W on a true  
line bet. Secs - 6 + 31 -

Ta 13° 25' E

40,000 Deposited marked stone  
12 ins in the ground for  
1/4 Sec Cor. dug pits 10 x 18  
x 12 ins E of W of stone 5 1/2  
ft. dist. & raised a mound  
of earth 1/2 ft. high 5 1/2

N. By T 13 S. R 30 E

chs-

ft. base over it. In E  
pit drove stake 2 ft. long  
2 ins sq - 12 ins in the  
ground marked  $\frac{1}{4}$  S on  
W. face.

78.10 The Cor. to Tps 12 & 13 S.  
R 29 & 30 E. from which  
I started

Surface level

Soil 2<sup>nd</sup> rate.

Mesquite & greasewood brush.

N. By T 13 S. R 29 E

From the Cor. to Tps 12 & 13

S. R. 29 & 30 E. recently  
re-established by me. Down

East on a road on line

on N. By T 13 S. R 29 E  
+ set temporary  $\frac{1}{4}$  sec corners of every 40 & 40 chs  
and at 478 chs. I

arrive at a point

177  
 N. By Sp 13 S. R 29 E

Chs

96 lbs S of Co. to Sp -  
 12 + 13 S R 28 + 29 E -  
 which is a mound with  
 pits on line N. S. E + W of  
 Co. 6 ft. dia. + in S. E.  
 pit a stake marked  
 S 12 S. S 31 on N. E. R 29 E. S 6  
 on S. E. S 13 S S 1 on S. W + R  
 28 E. S 36 on N. W face + with  
 6 notches on each edge -  
 From which Co. I run  
 S 89° 53' E on a true true  
 line bet. Secs 6 + 31 -

to 13025' E.

3800

Deposited marked stone 12  
 ins in the ground for  $\frac{1}{4}$  Sec  
 Co. dug pits 18 x 18 x 12 ins  
 E + W of stone 5  $\frac{1}{2}$  ft. dia.  
 and raised a mound of  
 earth  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft.

N. By 5, 3 S. R 29 E

Chs-

base over it. In E pit  
drove a stake 2 ft. long  
2 ins sq - 12 ins in the  
ground - marked  $\frac{1}{4}$  S on N  
face -

78.00

Deposited marked stone  
12 ins in the ground for Cor  
to Sec - 5 - S - 31 + 32 - dug  
pits 18 x 18 x 12 ins in each  
Sec 5  $\frac{1}{2}$  ft. dist. & raised  
a mound of earth 2 ft.  
high 4  $\frac{1}{2}$  ft. base over it  
In S. E. pit drove a stake  
2 ft. long 2 ins sq - 12 ins  
in the ground marked -  
S, 2 S. S 32 on N. E. R 29 E  
S 5 on S. E. S, 3 S. S 6 on  
S. W & S 31 on N. W faces  
& with 1 notch on W  
& 5 notches on E edges -

N. By 5, 10 S. R 29 E

Chs -

Surface level  
Soil 1st rate

Dense mesquite + catclaw  
brush - Good grass -  
\_\_\_\_\_

S 49° 53' E on a true  
line bet. Secs 5 & 2  
T 13° 25' E

40.00

Deposited marked stone 12  
ins in the ground for  $\frac{1}{4}$   
Sec Cor. Plug pits 14 x 14 x  
12 ins E & W of stone 5  $\frac{1}{2}$   
ft. dist. & raised a mound  
of earth  $\frac{1}{2}$  ft. high 3  $\frac{1}{2}$  ft.  
base over it. In E. pit drove  
a stake 2 ft. long 2 ins sq  
12 ins in the ground marked  
 $\frac{1}{4}$  S on N. face -

40.00

Deposited marked stone

N. Big T. S. R 29 E

Obs -

12 ins in the ground for Co-  
to Secs. 4-5-32+33 - dug  
pits 18x18x12 ins in each  
Sec 5 1/2 ft. dia. & raised  
a mound of earth 2 ft. high  
4 1/2 ft. base over it. In S. E  
pit drove a stake 2 ft. long  
2 ins sq - 12 ins in the ground  
marked -

S 12 S. S 33 on N. E.  
R 29 E. S 4 on S. E, S 13 S.  
S 5 on S. W + S 32 on N. W  
faces - & with 2 notches  
on W + 4 notches on E edges  
Surface level  
Soil, strata

Dense mesquite & grass-  
wood brush -  
Good grass -

N. By T. S. S. Reg E

Chs -

S 89° 55' E on a true line  
bet. Secs 4 + 33 -

ba 13° 25' E

40.00

Deposited marked stone 12  
ins in the ground for  $\frac{1}{4}$  Sec Cor,  
dug pits 18 x 18 x 12 ins E & W  
of stone 5  $\frac{1}{2}$  ft. dist. & raised a  
mound of earth 1  $\frac{1}{2}$  ft. high  
3  $\frac{1}{2}$  ft. base over it. Set  
E. pit drove a stake 2 ft.  
long 2 ins sq, 12 ins in the  
ground marked  $\frac{1}{4}$  South N. face.

80.00

Deposited marked stone 12  
ins in the ground for Cor - to  
Secs 3 - 4 - 33 + 34 - dug  
pits 18 x 18 x 12 ins in each  
Sec 5  $\frac{1}{2}$  ft. dist. & raised  
a mound of earth 2 ft.  
high 4  $\frac{1}{2}$  ft. base over it  
Set S. E. Pit drove a stake



N. Bay 5, 3 S. R 29 E

Obs-

2 ft. long 2 ins sq. 12 ins in the  
ground - marked - 512 S. S  
34 on N. E. R 29 E, S 3 on  
S. E. 5, 3 S. S 4 on S. W &  
S 3 S on N. W faces. T  
with 3 notches on E & W  
edges -

Surface level -

Soil 1st rate -

Dense greasewood + catclaw  
bush. Good grass

S 89° 53' E on a true  
line bet. Secs 5 + 34 -

Ta 15025' E -

4,000

Deposited marked stone  
12 ins in the ground for  
1/4 Sec Cor. dug pits 10 x  
18 x 12 ins E & W of stone

N. By T. 3 S. R. 29 E

Chs-

5 1/2 ft. dist. & raised a mound  
of earth 1/2 ft. high 3 1/2 ft.  
base over it. In E. pit  
drove a stake 2 ft. long 2  
ins sq. 12 ins in the ground  
marked 1/4 S on N. face.

80.00

Deposited marked stone  
12 ins in the ground for Co  
to Secs 2-3 & 4 & 35 - dug  
pits 18 x 18 x 12 ins in each  
Sec 5 1/2 ft. dist. & raised a  
mound of earth 2 ft. high  
4 1/2 ft. base over it. In  
S. E. pit drove a stake 2 ft. long  
2 ins sq. 12 ins in the ground  
marked T. 2 S. S. S. on N. E.  
R. 29 E S. 2 on S. E., T. 3  
S. S. 3 on S. W. & S. 34 on  
N. W. faces & with 4  
notches on W. & 2 notches on E.

N. By 5.3 S. R 29 E

Chs -

edges -

Surface level -

Soil, strata -

Mesquite + y. reewood bush -

Goody grass -

S 89° 53' E on a true  
line bet. Secs 2 + 35 -

by 130° 25' E -

40.00

Deposited marked stone 12 ins  
in the ground for  $\frac{1}{4}$  sec. Cor-  
ding pits 18 x 18 x 12 ins E + W  
of stone 5  $\frac{1}{2}$  ft. dist. raised  
a mound of earth 1  $\frac{1}{2}$   
ft. high 3  $\frac{1}{2}$  ft. base over  
it. In E. pit drove a  
stake 2 ft. long 2 ins sq. 12 ins  
in the ground. Marked  $\frac{1}{4}$  S on  
N. face -

N. By T. 3 S. R. 29 E

80.00 Deposited marked stones 12 ins in  
 the ground for Cor. to Secs 1-2  
 -3 & 36 - dug pits 18 x 18 x 12  
 ins in each Sec 5 1/2 ft. dia -  
 & raised a mound of earth  
 2 ft. high 4 1/2 ft. base over  
 it. In S. E. pit drove a  
 stake 2 ft. long 2 ins sq -  
 12 ins in the ground &  
 marked - T. 2 S. S. 36 on N. E.  
 R. 29 E. S. 1 on S. E. T. 3 S. S.  
 2 on S. W. & S. 35 on N. W. faces -  
 & with 5 notches on W. & 1  
 notch on E. edges -  
 Surface level -  
 Soil 1st rate -  
 Mesquite & greasewood brush -  
 Good grass -

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N. By 5, 3 S. R 29 E

Obs-

89053' E on a true  
line bet. Secs 14 & 36 -

to a 19025' E -

40.00

Deposited marked stone  
12 ins in the ground for  
 $\frac{1}{4}$  Sec Cor. dug pits 18x  
18x12 ins E & W of stone  
5 $\frac{1}{2}$  ft. dist. & raised a  
mound of earth 1 $\frac{1}{2}$  ft.  
high 3 $\frac{1}{2}$  ft. base over it -  
In E. pit drove a stake  
2 ft. long 2 ins sq - 12 ins in  
the ground - marked  $\frac{1}{4}$  S on  
N. face -

80.00

The Cor. to Sps - 12 & 13  
S. Rs - 29 & 30 E, from  
which I started -

Surface level  
soil 2<sup>nd</sup> rate,  
Scattering mesquite

N. By T. S. R. 29 E

Chs-

and greasewood bush -

I carefully examined  
the adjustments of my  
Solar Compass to day  
particularly the latitude  
and reversing apparatus  
and found them correct

April 3<sup>rd</sup> 1883

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For final notes  
see book No. 9 -

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BOC

# U. S. Surveyor General's Office,

TUCSON ARIZONA. *April 30,* 188*3*

The foregoing Field Notes of the Survey of the

*Extensive N. & E. By Twp. 13  
South Range 29 E. & Boundaries  
of T. 13 S. R. 30 & 31 E. S. 14 S. R. 31 &  
32 E. & Twp. 15 S. R. 31 & 32 East.*

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by *A. C. Powers,*

Deputy Surveyor, under his contract of the *27<sup>th</sup>*  
day of *February*, 188*3*, having been  
critically examined and the necessary corrections and explana-  
tions made, the said Field Notes and the surveys they describe  
are hereby approved.

*[Signature]*  
Surveyor General.

BOOK 1572