

1309

1309

BOOK 1309

F I E L D N O T E S
O F T H E S U R V E Y O F T H E
E X T E R I O R L I N E S O F

T. 20 N., Rs. 17, 18, 19, 20 &
21 E., and Ts. 20, 21, & 22 N.,
Rs. 22, 23 & 24 E.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Frank Follman, D.S., under
Contract dated July 29, 1882.
Survey commenced Oct. 2, 1882
Survey completed Oct. 23, 1882.

No. 1309

BOOK 1309

Book No. 5 1309

Field Notes

See Index

OF THE SURVEY OF

The

Exterior Lines of T^h. 20
N. R's. 17, 18, 19, 20, & 21 E,

a

and

T^hs. 20, 21, & 22, N. R's.
& 2, 23, & 24, E,

Gila and Salt River Base and Meridian

No. 1309

ARIZONA.

1309

By Frank Follmer D. S.

under contract dated July 29th, 1882.

Survey commenced Oct. 2^d, 1882.

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For preliminary oaths
and list of assistants,
See first-book (No.
1) of Survey.

No. 1309

2

E Brunday I. 20 N. R 23.5.

Choirs

From the cart Sp. 19 + 20 N.
 R. 23 + 24 E. which is
 marked by witness cor. 50
 lks N. of true point a round
 stone 16 x 8 ins. properly
 lit, marked & notched
 with wood of earth & pits
 near

N. bet. Secs 31 + 36

100, 140 30' East

Over rough broken rocks

Country

11.00 Enter flat bet E & W.

34.00 Spur. + 30 ft. bet E & W.

37.00 Enter flat bet E & W.

40.00 Set a round stone 20 x 12 x 8 ins.
 15 ins in the ground for 1/4 section
 Marked 1/4 on N of acc. dug pits
 18 x 18 x 12 ins N & S. of stone

E Boundary T. 20 N. R. 23 E.

chain

1 1/2 ft. dia + raised a mound
of earth 1 1/2 ft high 3 1/2 ft
long along sill

58.00 Top of Bluff 60 ft high
to E & W.

78.00 Cut of 7 ft 60 ft. + descent
to E & W.

80.00 Set a saw ptm 14 x 12 x 4 ins
9 ins. in the ground for 4 or 5 feet
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 Set 5 1/2 ft dia
+ raised a mound of earth
2 ft. high 4 1/2 ft long along side
Surface rocky + broken Soil is ~~apparently~~
Not timber

N. Beh. Seas 25 & 30

14 & 30' each

Esunday, J. 20 N. R 23 E.

Chairs

Over Hat

37.00 Cross Wash 40 lks mid
Course S. 80. E.

Ascend Bad lands

41.00 Set a sand stone 15 x 10 x 6
ins. 10 ins in the point for 1/4
Sec. Cr. mark 1/4 on N face
dry pit 18 x 18 x 12 ins, N & S.
of stone 5 1/2 ft dia & carry
a mound of ~~stone~~ 1 1/2 ft high
3 1/2 ft ~~long~~ along side

48.00 Cross gulch 100 lks mid. low
Course E. and

Ascend

50.00 Spur 100 ft. high Course E + W.

50.00 Set a sand stone 24 x 12 x 6
ins 18 ins in the point for Cr
taken 19-24-25 + 30 marks
with 2 notches on S. & 4 notches

E. Brundage J. 20 N. R 23 E

Choir

on N. Edge, dug pit, 18x18x
12 ins in each side 5 1/2 ft
dirt + raised a mound of earth
2 ft. high 4 1/2 ft. from along side
Surface sloping. Soil 4th pod
no timber

N. 1/4 Sec. 19 + 24

1/4 Sec. 140 30' East

Over rough Broken bed land

40.00 Lot a dug pit 14x12x6
ins 9 ins in the post for 1/4
Sec. Cor. marked 1/4 on N.
face, dug pit 18x18x12 ins N +
S of stone 5 1/2 ft. dirt and
raised a mound of earth 1 1/2
ft. high 3 1/2 ft. from along side

69.00 Cross gulch 40 ft deep 20
ft. wide from E.

77.00 Ridge 75 ft. high from N. 65° E.

Boundary, T. 20 N R. 23 E.

Cham
5000

Set a sand stone $11 \times 9 \times 5$ ins
7 ins, in the ground for Cor & Sec
13-18-19 & my marker with
3 notches on N & S. edges,
dry pit $18 \times 18 \times 12$ ins in each
Sec 5 1/2 ft. dist & rain
a mound of earth 2 ft. high
4 1/2 ft. top along side
Surface broken. Soil 400 yards
No timber

N. By Sec 13 & 18

Cor. 140 30' East

Cor rough broken land
Crest Sloping N. N.

4000 Set a sand stone $14 \times 12 \times 8$ ins
9 ins, in the ground for 1/4 Sec
Cor. mark 1/4 on N face, dry
pit $18 \times 18 \times 12$ ins N & S of stone
5 1/2 ft. dist & rain a mound

E Boundary of T. 20 N. R 23 E.

Chowis

of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
long along side

46.25 Cross mark 30 lks wide
Course N. 50° W.

77.25 Cross mark 90 lks wide
Course N. 50° W.

80.00 Set a sand stem $14 \times 12 \times 10$
in 18 ins in the post for Cor.
to Sec. 7-12-13 + 15 marks
with 4 notches on S. + 2 notches
on N Edge, dug pit $18 \times 18 \times 12$
ins. in each Sec 5 ft. dia. +
raised a mound of earth
off. high $4\frac{1}{2}$ ft. top along side
Surf. broken. Soil 4 or 5 ft.
Notable

N. top Sec 7 + 12

W. 14° 30' E.

Over rolling top low Sloping N.

E Bonda, T. 20 N. R. 23, E.

Hours

7.00 Cross north 75 LK side
Course S. W.

37.45 Cross north 60 LK side
Course S. 70° W.

4.4.00 Put a Lava rock 15 x 10 x 6 ins
10 ins in the ground for the Sec. Cor
marked 1/4 on W. side dry pit
18 x 18 x 12 ins N + S. of about 5 1/2
ft. dist & raised a mound of
earth 1 1/2 ft. high 3 1/2 ft. diam
Alongside

50.00 Put a Lava rock 20 x 11 x 6 ins
15 ins. in the ground for Cor 6 Sec
1-6-7 + 12 marked with 5
Notch on on S. & 1 Notch on N
Edge. dry pit 18 x 18 x 12 ins
in each Sec. 3 1/2 ft. dist and
raised a mound of earth 2 ft. high 4 1/2
ft. diam. along side
Surface rolling south ~~side~~ ^{side}
No number

E. Boundary, T. 20 N., R. 23, E.

Chairs

North bet Lies 1 & 6

Var $140^{\circ} 30' E$,

Over flat, No Vegetation

19.60 Cross mark 40 lks mid

Com. S. W.

40.00 Sth a sand stone $15 \times 13 \times 9$

ins 10 ins. in the form for $1/4$

Sec. Cor. marked $1/4$ on surface

by pits $15 \times 15 \times 12$ ins. N & S. of

stone $5 1/2$ ft. dia & east a wall

of earth $1 1/2$ ft. high $3 1/2$ ft. base

along side

70.30 Cross mark 30 lks mid

Com. S. $70^{\circ} W$.

81.29 In a point 3.52 Chas. E of

Standard Cor. to Tps. 21 N.

R's 23 & 24 E. previously

established by me, when I

set a sand stone $12 \times 10 \times 9$ ins

E Bouday, T. 20 N R. 23 E.

Chairs

Stems, in the pond for clearing
 Cr. & Tps. 20 N. R's 23 + 24
 E. marked A.C. with benches
 on S, E & N. Edges, dug pits
 24 x 18 x 2 ins across in
 each line S, E, & N of stem
 6 ft. dia & raised a mound
 of earth 2 1/2 ft. high 5 ft
 over along side

Good level to top of stem. No timber.
 No vegetation

Oct 4th 1882

E. Boundary T. 21 N. R 23 E.

Chowin

Instrument tested as at
beginning of survey by
observation on Polaris, and
found correct

Began at Standard Cr. 6 Sp.
21 N. Rps 23 + 24 E, previously
established by me

North by Sec 31 + 36

Elev. 14030' E. of

Acres on broken hills

4200 S. of a small stone 15 x 11 x 9 in
10 in, in the ground for 1/4 Sec
Cr. marked 1/4 on N. face
dry pit 18 x 18 x 12 in N + S of stone
5 1/2 ft. dia. + raised a row
of posts 1 1/2 ft high 3' apart
over a long side

6720 Sp of morine ridges due E +

E Bounday T J N R 2 3 E.

Spains

N, 100ft high descent over broken hills

80.00 Sika Pond Stm 18x10x9 ins 10ms,
 in the pond for Dec. 2. Decs 25
 30 31 & 36 marked with 1
 notch on S, & 3 notches on N
 faces, dug pits 18x15x7 ins
 in each Dec 5 1/2 ft. deep &
 raised a mound of earth 2 ft.
 high 4 1/2 ft. across along side.
 Dred 4th 1st
 Surfa Broken No timber

North side Decs, 25 & 30

Nr 140 30' each

Descent over broken hills

40.00 Sika Pond Stm 15x9x6 ins
 10 ms in the pond for 1/4 Dec Decs
 marked 1/4 on N face by pits

E Boundary T. 21 N R 23 E.

Chow

18 x 18 x 12 in N x S, 9 stone
 5 1/2 ft dist & raised a
 mound of earth 11 1/2 ft high
 3 1/2 ft. base along side.

41.10 Cross by west 60 lbs wide
 Corner N. W

00.10 Top of ridge on N, W, S, E,
 70 ft high & across

8000 At a sand stone 12 x 9 x 8 in
 8 in in the ground for foot & over
 19-24-25 & 30 marked
 with 2 notches on S. and 4
 notches on N. edge, deep pits
 18 x 18 x 12 in in each one 5 1/2
 ft. dist & raised a mound of
 earth 8 ft. high 4 1/2 ft. base
 along side.

Soil 4th Row
 Surface broken.
 No traces

E Boundary T. 21 N R. 23 E

Chasin

N. bet Secs 19 + 24

Abv. 14° 30' East

Descent over broken surface

11.00 Dry wash 1.50 chas wide.

Quar N. N. 20 ft. deep.

Ascend over broken hills.

4000 Laka Pond stone 16 x 15 x 14

ins 10 ins. in the front for 1/4 sec

On. marked 1/4 on N. face, dry

pit 18 x 15 x 12 ins N + S. of stone

5 1/2 ft. dia & rain a row

of corals 1 1/2 ft. high 3 1/2 ft 2

base along side

6350 Top of ridge bet E + W. 40 ft high

5.00 Laka Pond stone 12 x 11 x 8 ins

8 ins. in the front front Secs

13-18-19 + 24 marked with

3 notches on N + S. edges dry

Boundary J. 77 N R. 23 E,

Chouis

pit 18x18x12 ins in back
Lic 5 1/2 ft dirt + view a
mound of earth 4 1/2
ft. tall along side
Soil 3rd rate
Sugar broken
No timber

North at lies 13 + 18
Mar. 14 030' E,

Descent gradually
No 40 Cross dry rock 1 chn wide
Course N E and
Descent

4000 At a round stone 16x18x8 ins. 8 ins
in the front for 1/4 section, marked
1/4 on N face, dry pit 18x18x
12 ins N + S of stone 5 1/2 ft
dirt, + view a mound of earth
1 1/2 ft high 3 1/2 ft tall along side

E. Boundary T. 21 N. R 23. E.

Churn

42.50 Cross dug wash left deep
1.10 Chas, wide Corn N. W.
Descent on N. W.

35.25 Cross Cottonwood Creek 2 ch
wide for N. W.

80.00 Set a Pond about 12x10x8 ins
Pins in the pond for C & S
7-12-13 & 14 marked with
4 notches on S, and 2 notches
on N Edges, dug pits 18x18x12
ins in each side 5/2 ft. dirt
and raised a mound of earth
2 ft high off 1/2 ft. for along side
Doll & rate

Good grazing
Sample soil
No timber

N. bet Dec 7 & 12

Lat 140 30' E

E Broadway T. 21 N. R 23 E.

Chairs

Ascend gradually

38.40 Cross dug north 30 lks wide
Course S. W.

40.00 At a Mica Stone 12 x 10 x 8
ins. 8 ins in the jaw for $\frac{1}{4}$ dia
Ch. marked $\frac{1}{4}$ on W face dug
pit 18 x 18 x 12 ins N + S. Get in
5 ft. dia. & raise a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
from along id.

50.00 At a Mica Stone 13 x 10 x 9
ins 8 ins. in the jaw for Ch
to Sec 1-6-7 & 12 marked
with 5 notches on S. + 1 notch
on N edges. dug pit 18 x 18 x 12
ins in each the 5 ft. dia. &
raise a mound of stone 2 ft high
 $4\frac{1}{2}$ ft from along id.

E Brandy T. 21 N. R 20 E

Chunin

Soil 25 cat
 Grazing good
 sand dunes

N. top Sec 1 & 6

or 140 30' E,

Ascend gradually

3000 Top of Bluff top E & W.

3150 Top of Bluff 40 ft. high top E & W.

Over Mesa

4000 Put a sand stone 16 x 10 x 9 ins

11 ins. in the foot ⁴⁰ 1/4 sec car

marked 1/4 on N. face day pit

18 x 18 x 12 ins 77 lb of stone 1/4

ft. dia & raised a mound of

stone 1 1/2 ft. high 3 1/2 ft

base along side

5000 Put a sand stone 16 x 12 x

10 ins 11 ins. in the foot

E Boundary T. 2, N R 23 E,

shown

for Crst Tps 21 + 22 N,
 R'S 23 + 24 E, marked with
 6 notches on each edge, dug
 pits 24 x 18 x 12 ins lengthwise
 on each sec. line N. S. E. & W
 of stone 6 ft dia & receive
 a mound of earth 2 1/2 ft high
 5 ft. to a along side
 Soil 25 rate
 Grazing good
 Sugar Polling No timber

A Boundary T. 21 N R 24 E

Chains

From the Cor to Tps. 21 & 22
N. R's 24 & 25 E. on the 6th
Guide meridian previously
established by me

I ran West on a random
line bet. Tps. 21 & 22 N. R
23 E. the var. of my Compass
being $14^{\circ} 30'$ East

I set temporary half mile and
Mile Corners at each 40 &
50 Chrs., and find the Township
line to be 477.10 Chrs. long
& the falling to be 68 lks S,
of Cor. to Tps. 21 & 22 N. R's
23 & 24 E. previously established
by me.

Where I ran
S. $89^{\circ} 55'$ E. on A Boundary

N Boundary T, 2 N, R 24 E.

Chorus

See 6 on true line bet Secs
6 + 31

Var. 14° 30' East

Over level surface

37.10 1st a lava stone 12 x 10 x 8 ins
8 ins, in the pen for $\frac{1}{4}$ Sec.
Cir. marked $\frac{1}{4}$ on N face
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 across along side

77.10 1st a sand stone 16 x 14 x 8 ins
11 ins, in the pen for Clar. & Sec.
5-6-31 + 32 marked with
1 notch on N. ~~face~~ 5 notches
on E. edges, dug pits 18 x 18 x 12
ins in each Sec 5 $\frac{1}{2}$ ft dia
+ raised a mound of earth 2 ft
high 4 $\frac{1}{2}$ ft across along side

N Boundary T. 21 N. R. 24 E.

Notes

Grozing pond, Surface level
20.00 timber

S. Sq $55^{\circ} 55'$ E, on a true line bet. Sec 5 + 32
for $14^{\circ} 30'$ E.

On true line bet. Sec 5 + 32

are rolling surface
gradually ascend

10.00 Top of Mesa S. H. high to N.
 $41\frac{1}{2}^{\circ}$ N.

35.00 Descend from Mesa

40.00 Let a sand stone $18 \times 12 \times 10$ ins
12 ins, in the form for $\frac{1}{4}$ Sec. C.
marked $\frac{1}{4}$ on N face, dug
pit $18 \times 18 \times 12$ ins E. of stone $5\frac{1}{2}$ ins
H. dirt & sand a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. long
along side

N Brnday T. 2/11 R. 34 E

Chris

80.00

Set a Long Stone 20 x 16 x 11 ins
 15 ins in the front for cut lines
 4-5-32 + 33 marked with
 2 notches on N. + 4 notches on
 E. edges. dug pits 18 x 18 x 12
 ins in each side 5 1/2 ft. deep
 + raised a mound of earth
 2 ft. high 4 1/2 ft. long along side
 grazing food. Surface rolling
 N. timber

N. 89° 55' E, on a line to the River
 Dr 14° 31' E. River
4 + 3/4'

On the line bet. Secs 4 + 33

Descend gradually

8.00 Enter Valley to N + S.

40.00

Set a Long Stone 15 x 11 x 8 ins
 10 ins. in the front for 1/4 Sec. Cor.
 marked 1/4 on N face dug pit

N Boundary S. 21 N. R 24 E.

Chowin

18x18x12 ins E & W, of stone
5 1/2 ft. dist + raised a mound
of earth 1 1/2 ft high 3 1/2 ft.
4 or 6 along side

80.00 Set a level stone 16x12x10 ins
11 ins. in the ground for Cuts Sics
3-4-33 + 34 marked with
3 notches on E & W, edges
they fit 18x18x12 ins in each
Sic. 3 1/2 ft. dist + raised a
mound of earth 2 ft. high 4 1/2
ft. 6 or 8 along side
Grazing food. Surface rolling
No timber

N. 89° 55' E.

Var. 14° 30' Each

On the line bet Sics. 3 + 34
Over level surface

N Brundage T. 21 N. R. 24 E.

Chorus

40.00 Set a sand stone $21 \times 10 \times 8$
ins., 15 ins in the pond for $1/4$
Sic Cr. marks $1/4$ on N face,
dug pits $18 \times 18 \times 12$ ins E & W of
stone $5 \frac{1}{2}$ ft. dia & raise a
mound of earth $1 \frac{1}{2}$ ft. high
 $3 \frac{1}{2}$ ft. base along side

80.00 Set a sand stone $18 \times 12 \times 6$ ins
13 ins. in the pond for Cr & Sic
2-3-34 & 35 marks with
4 notches on W. & 2 notches on
E. edges, dug pits $18 \times 18 \times 12$ ins
in each sic, $5 \frac{1}{2}$ ft dia and
raise a mound of earth 2 ft.
high $4 \frac{1}{2}$ ft. base along side
forming ford. Surface level
No timber

N. 89° 35' E.

N. Boundary J. 21 N. R 24 E.

Chairs

Nr. 140 30' East

On the line bet Secs 2 + 35

Over level surface

44.00

Set a sand stone 16 x 12 x 5 ins

11 ins. in the pm for 1/4 Sec

On. marked 1/4 on N face

dry pit 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 along side

80.00

Set a sand stone 21 x 10 x 5 ins

15 ins. in the pm for 1/4 Sec

1-2-35 & 36 marked with

5 notches on W. & 1 notch on

E. edges, dry 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

grazing foot. Surface level

Notches.

N Brundage J. 21 N. R. 24 E.

Chorus

N. S 90° 55' East

R 140° 30' East

On the line bet Secs 1 & 36

Over level surface

40.00 Set a Lava Stone 15 x 10 x 8 in
10 ins. in the ground for 1/4 Sec. Ar.
marked 1/4 on N face, dug pits
18 x 18 x 12 ins. E & W. of stone 5/8
ft. dist & raised a mound of
of earth 1 1/2 ft. high 3 1/2 ft. dia
Along side

50.00 Cor. & Sps. 21 & 22 N

R 24 & 25 E.

Grazing food, Surface Rod
Not under Oct 5th 1887

E Brunday S. 25 N. R. 23 E.

Chairs

Sustained tested as of the
beginning of survey by Osburn
on Polaris & front corner
Begin at Cor. to Sps 21 & 22
N. 1/2 Rs. 23 & 24 E. previously
established by me
Hence I saw

N. 1/2 Sec. 31 & 36

140 45' E. 1/2 Sec

Clare Valley County

H.V. 100 Liba round stone 14 x 12 x 8 ins
9 ins. in the front for 1/4 Dec. on
marked 1/2 on N. face, dug
pit 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. dia.
along side
68.00 Top of hill S. 25 N. 45° E

E Broadway, J. 222 N R 23 E,

Hours

50.00

Set a Land Stone $22 \times 12 \times 6$ ins
 18 ins, in the pond for Cent Secs
 25-30-31 & 36 marked with
 1 notch on S. & 5 notches on N
 edges, dry pit $18 \times 18 \times 12$ ins
 in each Sec 3 1/2 ft. high and
 laid a mound of earth 2 ft.
 high 4 1/2 ft. for along side
 Good freezing Surface rolling
 No timber

N. City Secs 25 & 30

W. 140 45' Each

Over rolling ground

10.25

Center Dolly for S. 40° W

40.00

Set a sand stone $12 \times 10 \times 8$ ins
 18 ins in the pond for for 1/4 sec cor.
 marked 1/4 on N face, dry pit
 $18 \times 18 \times 12$ ins N & S. of stone 1/2

E Boundary T. 22 N. R 23 E,

Chassis

ft. dist + raised a mound of
loess 1 1/2 ft. high 3 1/2 ft long
alongside

\$0.00

Set a sandstone 12 x 12 x 8 ins
Suis. in the front for Cor & Secs
19-24-25 & 30 marked with
2 notches on S. & 4 notches on
N Edges, dug pit 18 x 18 x 12 ins
in each Sec. 5 1/2 ft. dist and
raised a mound of loess 2 ft
high 4 1/2 ft long alongside
Good freezing surface rolling
No timber

N. bet. Secs 19 & 24

at 140 45' East

Over ~~rolling~~ land

46.00

Set a sandstone 10 x 7 x 6 ins
Suis. in the front of 1/4 Sec Cor

Boundary T 22, N R. 23 E.

Chowin

marked $\frac{1}{4}$ on W true dry pit
 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 along side.

5000 like a conductor 20 x 12 x 8 ins
 15 ins in the row for Ar to Secs
 13-18-19 + 24 marked with
 3 notches on N, & S edges deep
 18 x 18 x 12 ins in each sec 5 ft
 ft dist + raised a mound of
 earth 2 ft high 4 $\frac{1}{2}$ ft base
 along side.
 Some soil. Soil 5 Ret. grass in fair
 no timber

N. bet Secs 13 + 18.

Ar 14040 E

Over Valley land

2600 Low Valley land

Monday Jan 7 R 25 E

Hours

41.00 Set a pond stone 18 x 12 x 18
 ins 12 ins in the pan for 1/4 Sec
 Av. mark 5/4 on N face, dug
 pit 18 x 18 x 12 ins N & S. of stone
 5/4 ft. dirt & raised a mound
 of earth 1 1/2 ft. high 3 1/2 ft. dia
 around

44.00 Ewe bed lands by N. E & S. W.

50.00 Set a pond stone 20 x 12 x 9 ins
 15 ins in the pan for art to Sec
 7-12-13 + 18 marked with
 4 notches on S. & 2 notches on
 N. Edges, dug pit 18 x 18 x 12 ins
 in each Sec 5/4 ft. dirt and
 raised a mound of earth 2 ft
 high 4 1/2 ft. dia around
 pond well. Soil 3' or 4' soft
 grazing pan

Boundary T. 22 N R. 23 E,

Chairs

N, bet Secs 7 + 12
 T140 45' E.

Ascending

11.00 Top of Table land

40.00 Set a sand stone $12 \times 12 \times 8$ in
 this, in the post for $\frac{1}{4}$ sec
 Cor. marked $\frac{1}{4}$ on N face
 dry pit $18 \times 18 \times 12$ ins N + S of
 stone $3 \frac{1}{2}$ ft. dist + excavated a
 narrow of earth $1 \frac{1}{2}$ ft. high
 $3 \frac{1}{2}$ ft. across along side

50.00 Set a sand stone $12 \times 10 \times 8$ in
 this, in the post for Cor + Secs
 1-6-7 + 12 marked with 5
 notches on N + 5 notches on South,
 edges, dry pit $18 \times 18 \times 12$ ins in
 back Sec 5 $\frac{1}{2}$ ft. dist + excavated a
 narrow of earth 2 ft. high $4 \frac{1}{2}$ ft
 across along side
 Sand rolling. Soil of note, no timber

Boundary T. 22 N R 23 E

Stones

N. bet Lics. 1 + 6

W. 140 45' E.

Ascending

4600 Set a sand stone 12 x 10 x 8 ins
 5 ins, in the joint for 1/4 sec Cor.
 mark 1/4 on N. face, dug pit
 18 x 18 x 12 ins N + S. of stone
 + 1/2 ft dia + raised a mound
 of earth 1 1/2 ft. high 3/4 ft across
 along side

See

Set a sand stone 20 x 10 x 8 ins
 15 ins, in the joint for Cor to 2/3 sec.
 22 + 23 N. R's 23 + 24 E.
 mark with 6 notches on each
 edge, dug pit 24 x 18 x 12 ins.
 lengthwise on Sec, line N. S. E.
 + W. of stone left dia + raised
 a mound of earth 2 1/2 ft high 3 ft
 across along side
 Some rolling soil 4 ft grade
 no timber
 Oct. 6th 1887

N Brundage T. 22 N, R 24 E

town

From the Art. Tps. 22 + 23
N. R's 24 + 25 E, previously
established by me,

I saw

Mark on a random line ^{to said}
Township

Var. 14° 42' E,

I set temporary half mile &
mile corners, at each 40 + 80
Chas. & find the Township line
to be 475, 80 Chas. long & the
falling to be 2,50 Chas. S. of
Ar. & Tps 22 + 23 N. R's 23 + 24
E. previously established by
me.

Then I saw

S. 89° 42' E,

Var. 14° 42' E,

A Brunday I, 22 N. R., 24 E.

Chasin

On a timber cut Secs. 6 + 31

On rolling Country

N. 50 A 1/2 a round stem 20 x 12 x 4 V
 ins. 15 ins in the ground for 1/4
 2 @ Cor marked 1/4 on N. side
 dug pit 18 x 18 x 12 ins E & W.
 of stem 3 1/2 ft. dirt & sawed
 a mound of salt 1 1/2 ft high
 3/4 ft. beam along side

N. 50

A 1/2 a round stem 22 x 12 x 18 in
 18 ins. in the ground for Cor. & Secs
 5-6-31- + 32 marked with + notch
 on N. + S. notches on E. edges
 dug pits 18 x 18 x 12 ins in each
 Sec 5 1/2 ft. dirt & sawed a
 mound of salt 2 ft high 4 1/2 ft
 beam along side
 Surface rolling soil 3' 2' etc
 No timber

N Boundary T. 22 N R 24 E.

Chowis

S. S9°42' E, bet. Sec 1 & 2

N. 14°42' E,

On the line bet Sec 3 & 32

Core high rolling land

40.00 Set a sand stone 14 x 12 x 8 ins.
8 ins. in the ground for 1/4 the Cor
marks 14 on N face, dug pits
18 x 18 x 12 ins E & W of stone 1/2
ft. dist & raised a mound of
earth 1 1/2 ft. high 3 1/2 ft. base
along id

75.00 Top of hill bet. N. E & S. W.

80.00 Set a sand stone 20 x 12 x 8 ins
15 ins in the ground for Cor & Sec 4-
5-32-33 marked with 2 notches
on W. & 4 notches on E. edges
dug pit 18 x 18 x 12 ins in each sec
1/2 ft. dist & raised a mound of
earth 2 ft high 4 1/2 ft base along id
surface rolling. Some of rest, no timber

N. Brundage J. 24 N. R 24 E.

Shower

S. 89' 42" E. bet. Secs. 4 & 33

Str. 140 42" E.

On timber line bet Secs 4 & 33

Over rolling Country

40.00

Like a Round stone 20 x 10 x 8 ins.

15 ins. in the jaw for $\frac{1}{4}$ sec

Car. marked $\frac{1}{4}$ on N. face, dug

pit 18 x 18 x 12 ins E & W of stone

5 $\frac{1}{2}$ ft. dia & raised around

of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. across

along side

80.00

Like a Round Stone 20 x 12 x 8 ins

15 ins. in the jaw for Car to

Secs. 3-4-33 & 34 marked

with 3 notch on E & W edges

dug pit 18 x 18 x 12 ins. in each

Sec. 5 $\frac{1}{2}$ ft. dia & raised a

mound of earth 2 ft. high 4 $\frac{1}{2}$ ft

across along side

Surface rolling, Soil 3rd rate, no timber ✓

A Boundary J. 72 N. R. 24 E.

Chain

S. $89^{\circ} 42'$ E. bet Sec 30 & 34
W. $140^{\circ} 42'$ E.

On tran line bet Secs 30 & 34

Over rolling Country

40.00 Lta sandstone $20 \times 12 \times 4$ ins
15 ins in the fur for $1/4$ Rec and
marks $1/4$ of 2 from dry pit $18 \times$
 18×12 ins E & W of stone $5 \frac{1}{2}$ ft
dia & laid a row of earth
1 ft high $3 \frac{1}{2}$ ft or 2 along side

50.00 Lta sandstone $20 \times 12 \times 6$ ins
15 ins in the fur for Cor & Secs
2-3-34 & 35 marked with 4
notch on W. & 2 notch on E.
edges dry pit $18 \times 18 \times 12$ ins
in each Sec $5 \frac{1}{2}$ ft dia and
laid a row of earth 2 ft high
 $4 \frac{1}{2}$ ft from along side.
Surface rolling. Soil $3 \frac{1}{2}$ ft. No timber

N Boundary To 22 N R. 24 E.

Chairs

S. $89^{\circ}42'$ E. by Sec 2 & 35

R.R. $14^{\circ}42'$ E.

Chairs line bet Secs 2 & 35

Over rolling Country

41.00

Set a sand stone $14 \times 10 \times 6$ ins

7 ins. in the joint for $1/4$ sec
marked $1/4$ on N. face, dry pit
 $18 \times 18 \times 12$ ins E & W. of stone $1/2$
ft. dist & raised a row of
posts $1 1/2$ ft. high $3 1/2$ ft. from
along id.

50.00

Set a sand stone $20 \times 14 \times 2$ ins

15 ins in the joint for Cor & Secs

1-2-35 & 36 marked with 5

notches on N. & 1 notch on Edge

dry pit $18 \times 18 \times 12$ ins in each Sec

$3 1/2$ ft. dist & raised a row of

high $4 1/2$ ft. from along id.

Surface rolling. Soil 35 cat. No timber

N Boundary T. 22 N. R. 24 E.

chain

S. 89° 42' E. 100.00 1026

Cor. 14° 42' East

On the line bet Lns 1 & 36

26.00 Iron rolling land Enter bad
lands for N, E & S. W.40.00 A road 14x10x6 ins
9 ins. in the post for 1/4 Sec
Cor. marked 1/4 on N face, dug
pit 8x18x12 ins E. W. of stone
1 1/2 ft dia & raised a row
of earth 1 1/2 ft high 3 1/2 ft
base along id.

43.00 Iron road lands, for N & S

80.00 Cor. to Secs 22 & 23 North
R's 24 & 25 EOct 7th 1882Surface rolling. Mostly bad lands E. W. 20th E.
No timber.

E Brandy, T. 20 N., R 22 E.

Chert

Instrument tested as at
beginning of survey by observation
on Polaris and found correct.

Begin at Co to Tps. 19 & 20
N. Rb 22 & 23 E, which is
a Lava Stone 10 x 6 ins
properly set, marked and
notched with pits & mark of
last

When I saw

N. lat Dec 31 & 36

W. 14° 0' 21" E.

Over rolling surface

Ascending

1000 Top of ridge 30 ft. high to N.E.,
T.D. N. descend

2200 Enter bad lands by E & W

E Boundary T. 20 N. R. 22 E.

Choir

Nesmond

40.00 Rub a round stone $24 \times 16 \times 7$ ins
 18 ins. in the front for $\frac{1}{4}$ sec
 Cor. marked $\frac{1}{4}$ on N & S
 dug pit $18 \times 18 \times 12$ ins N & S.
 of stone $5 \frac{1}{2}$ ft. dia & raised
 a mound of earth $11 \frac{1}{2}$ ft. high
 $3 \frac{1}{2}$ ft. dia along side

80.00 Rub a round stone $12 \times 10 \times 4$ ins
 8 ins. in the front for N & S
 25-30-35-36 marked with
 1 notch on S. & 5 notches on N
 face. dug pit $18 \times 18 \times 12$ ins in
 back for $5 \frac{1}{2}$ ft. dia & raised
 a mound of earth 2 ft. high $4 \frac{1}{2}$ ft
 dia along side
 Dug for soil. Soil is a good
 No timber

N. bet Secs 25 & 30

E. Brundage, J. D. W. R. 22 E.

Chow

N. 14° 02' E.

Clear Good Lands

40,000

Like Bond Stone 14 x 12 x 10 ins
9 ins in the joint for 1/4 sec in
marked 1/4 on W face, dug pits
18 x 18 x 12 ins N + S. of stone 5 ft
ft. dia. & raised a mound of
earth 1 1/2 ft high 3 1/2 ft base
alongside

80,000

Like Bond Stone 14 x 12 x 15 ins
9 ins in the joint for 1/4 sec
19 x 24 x 27 x 30 marked with
2 notches on S. & 4 notches on
N. edges dug pits 18 x 18 x 12 ins
in each sec 5 7/8 ft. dia. and
raised a mound of earth 2 ft
high 4 1/2 ft base alongside
Surface Barren Good Land
No timber

E Boundary T. 2v N R 52 E

Chain

N. bet. Secs. 19 & 24

Mar. 14th 21 E,

One corner bad leads

Descend

41.00

At a round stone 18 x 12 x 10

ins in the post for 1/4

Sec. Cor. marked 1/4 on surface

dry pit 18 x 18 x 14 ins N & S.

of stone 5 1/2 ft high dirt + rain

a mound of earth 1 1/2 ft high

3 1/2 ft from along side

42.00

Near bad leads

Clear rolling surface

50.00

At a round stone 14 x 12 x 4 ins

9 ins in the post for Cor & Secs

13-18-19 & 24 marked with

3 notches on N & S. edges dry

pit 18 x 18 x 12 ins in each Sec 5 1/2

ft high + dirt a mound of earth

E. Boundary T. 20 N. R. 22 E

Shrub

2 ft high 4 1/2 ft. base along side
 Grazing Good. Surface broken
 Soil is good
 No timber.

N. 6th Secs 13 + 18

T. 14 N. 21 E.

Ascending

10.00 Top of hill 60 ft. high on S & W.
 Over table land

40.00 At a sand stone 16 x 15 x 5 in
 11 in in the front for 1/4 sec also
 marked 1/4 on N face, dug pit
 18 x 18 x 1/2 in N & S. of stone for
 the dist & raised a mound of
 earth 1 1/2 ft high 3 1/2 ft across
 along side

80.00 At a sand stone 20 x 10 x 8 in
 15 in, in the front for 1/4 sec
 Secs 7-12-13 & 18 marked

E Brunday J. 20 N. R. 22 E.

Chowen

with 4 notches on S, & 2 notches
on W. edges. dug pit 18x18x12 ins
in each dir 5 1/2 ft. dia and
raised a mound of earth 2
ft high 4 1/2 ft. dia along side
giving good surface broken
soil 3 ft. water
no water

N. bet Secs. 7 & 12

R. 14° 2' E.

Over rolling surface
table land

4000

Set a concrete stone 24x14x14 ins
18 ins in the ground for 1/4 sec
Crs. marked 1/4 on W face dug
pit 18x18x12 ins N + S of stone
3 1/2 ft dia & raised a mound
of earth 1 1/2 ft high 3 1/2 ft dia
along side

E. Boundary T. 20 N. R 22 E

Hours

8:00

At a pond ston 20x10x5 in
 15 in in the front for Cor. to Sec
 1-6-7+12 marked with 5
 Notches on S. & 1 notch on N edge
 dug pit 18x18x12 in in each
 by 5 1/2 ft disk & raised a
 mound of earth 2 ft high 4 1/2
 ft. dia. along side.

Grazing good. Surface
 broken Soil 3' ^{no timber}

N. 1/4 Sec 1 + 6

Var 140 21 E.

24.00

Descend road to look to S. W.

40.00

At a ^{sandstone} ~~stone~~ ^{box} ~~in~~ 18x12x12 in
 10 in, in ^{the} ~~the~~ ^{ground} ~~the~~ for 1/4 Sec
 Cor. marked 1/4 on N. face, dug
 pit 18x18x12 in N. S. of stone
 3 1/2 ft disk & raised a mound

E Boundary T 20 N. R. 22 E,

Chairs

of cast 1/2 ft. high 3 1/2 ft. long
along side

80.00 Interest 5th Standard N. 5, 59
Chas. E. of Art Tps. 21 N. R. 22
+ 23 E.

When I set a bond str 12 x 9
x 5 in. dia. in the ground for
closing Cor. & Tps. 20 N. R.
22 + 23 E. marked C.C. with
6 notches on S. E. & W. edges,
dry pit 24 x 18 x 12 in.

Crosswin on each line
S. E. & W. of stone left dist
72 in. a mound of cast
2 1/2 ft. high 3 ft. long along side
of ground given. Duffa rolling
Soil & a fence
No timber.

E Brunday T. 21 N. R. 22 E

How

Begin at Standard Cor. ^{top} hills
21 N. R's 22 + 23 E, previously
established by me and run
N. bet. Secs. 31 + 36

Var 140 18' E.

Over rolling surface

Gradual descent

2400 Edge Valley Corner ^{top} S. N.

4000 Set a sand stone 21' x 10' x 8' ins

15 ins. in the joint for 1/4 sec

Cor. marked 1/4 on N. face dug

pit 18 x 18 x 1/2 ins N + S. of stone

5/8 ft dist + raised a mound

of earth 1 1/2 ft high 3 1/2 ft

long along side

5000 Set a Loran rock 20 x

x 10 x 7 ins 15 ins in the joint

for Cor. to Sub 25-30-31 + 36

marked with 5 notches on N.

E Brundage T. 21 N. R. 22 E.

Chairs

41 notch on S. edge, dry
pit 18 x 18 x 12 ins in each row
3 1/2 ft dia & raised a row
of vert. st. high 4 1/2 ft
over alongside

Grizzly feed Simpa a rolling
Soil 3' + 4' feed to timber

Ritch Sec. 25 + 30

Or 14° 18' E,

Clear Valley land

20.00 Chrs wash 101 lks wide

Cross S. W.

24.00 Clear Valley Cross S. W.

Ascend over bad lands.

26.00 Sp of Rocky print

46.00 Set a sandstone 21 x 1/2 x 6 in.

15 ins. in the ground fully Sec

Or. marker 1/4 surface

E Broadway T. 21 N R 22 E.

down

dry pits 18x18x12 in E+S.

of stone 5 1/2 ft high diet & raised
a mound of earth 1 1/2 ft high
3 1/2 ft from alongside

80,000

Set a ~~Foundation~~ Terra Stone

20x10x3 in 15 in in the

poth for Art to Dec. 19-24 25+30

marked with 2 notches on S. &

4 notches on N. Edge, dry pits

18x18x12 in in each see 5 1/2

ft high diet & raised a mound of

earth 2 ft. high 4 1/2 ft from

alongside

Good from my Surface
reels. Dig 3 ft after 10 minutes

N. bet Dec. 19+24

Dr. 14° 18' E.

Can find lands

E Brunday, J. 21 N. R. 22, E.

Chorus

4000

Set a sand stone $24 \times 12 \times 4$
 ins 18 ins, in the front for $\frac{1}{4}$
 Sec. Cr. marked $\frac{1}{4}$ on N face
 day pit. $18 \times 18 \times 12$ ins, N & S of
 stone $5\frac{1}{2}$ ft. dia & raised
 a mound of earth $1\frac{1}{2}$ ft. high
 $3\frac{1}{2}$ ft. long along side

6800

Cross work 70 lbs wide
 Run S. N.

Enter Valley

8000

Set a Lava stone $19 \times 16 \times 4$ ins
 13 ins, in the front for Cr to Sec
 13-1879 & 24 marked with 3
 match. on on S. & N. edges, day
 pits $18 \times 18 \times 12$ ins in each
 Sec $5\frac{1}{2}$ ft. dia & raised a
 mound of earth 2 ft. high $4\frac{1}{2}$
 ft. long along side

Grading from Rolling Surface
 Super $4\frac{1}{2}$ ft. November

E Brandaw J. 21 N. R 22 E.

Chairs

N. bet Secs. 13 + 18

Var. 14° 18' E

Over broken bad lands

40.00 Lk. Lora Stm 17 x 12 x 4 ins.

11 ins. in the jaw for 1/4 Sec

Car. marked 1/4 on N. face

dig pit 18 x 18 x 12 ins N + S of

Stm 5 1/2 ft. dia + 1 in a

mound of earth 1 1/2 ft. high 3 1/2

ft. tra alongside

50.00 Lk a Rond Stm 16 x 10 x 4 ins

11 ins. in the jaw for Car to Sec

7-12-13 + 18 marked with

4 notches on S. + 2 notches on

N. Edges, dig pit 18 x 18 x 12

ins in each Sec 5 1/2 ft dia

+ 1 in a mound of earth

5 ft. high 4 1/2 ft tra alongside

Surface broke Soil by Rat

Notches

E Brundage T, N, R, 22 E.

Chowis

N. Sec. 7 & 12

Twp. 14° 18' E.

Ches broken bad lands.

40.00 M. Kara Stm 19x14x6 ins
13 ins. in the pen for 1/4 Sec
marked 1/4 in N face, dry pit
18x18x1/2 ins N & S. of stn 5 ft
ft. dist & raised a mound of
earth 1 1/2 ft. high 3' ft base
along side

80.00 M. Kara Stm 19x12x4 ins.
13 ins. in the pen for Sec &
Sec 1-6-7 & 12 marked
with 5 notches - S, & 1 notch
on N edges, dry pit 18x18x1/2
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 Broken Barren Bad lands
Not timber

El Boulevard T. 21 N. R 22 E.

Chains

N. Sec. 1 + 6

Tar. 14° 18' E.

Ascend over broken bad lands

24.00 Top of high rolling mesa
60 ft high bas. E & W.

Area with scattering
pines & Juniper timber

46.00 1st a round stone 21 x 13 x 8 ins
15 ins. in the pen for 1/4 sec
Ar. marked for on N face, dug
pit 18 x 18 x 12 ins N & S. of stone
3 1/2 ft dia & raised amount
of earth 1 1/2 ft high 3' offset
along side

80.00 2nd a round stone 21 x 10 x 10 ins
15 ins in the pen for cut top
21 x 22 N. R 22 & 23 E. marked
with 6 notches on each edge,
dug pit 24 x 18 x 12 ins length

E Boundary J. 2, N. R 22E.

Chowies

= mix on each side line
N. S. E. + W. of stem 6 ft.
dirt + raise a mound of
earth 2 1/2 ft high 5 ft + on
alongside.

Growing fair Long rolling
Soil. ^{3' wide} Scattering timber

~~~~~

N. Brundage J. 21 N.R. 23 E.

Notes

Begin at Cor to Sps 21-  
+ 22 N. R's 23 + 24 E.

previously established by me  
& run West on a condon  
line bet. said townships

Mar. 14° 18' E

Set temporary half mile +  
mile corners at each 40 +  
80 Chus. & find the township  
line to be 477<sup>1/2</sup> Chus. long +  
the facing to the 1 Ch. N of Cor  
to Sps 21 + 22 N. R's 22 + 23 E.  
thence I run

N. 89° 53' E, on a true line  
bet. Sics 6 + 31

Mar. 14° 18' East

Our rolling surface

37.62 Set a sand stone 17 x 10 x Sics  
2 Sics. in the ground for 1/4 Sec Cor

N Boundary J. 21 N. R 23 E.

Cham

marked  $\frac{1}{4}$  on N face, dug pit  
 $18 \times 18 \times 12$  ins E + N. of stone  $\frac{1}{2}$   
 ft. dist & eried a mound  
 of earth  $1\frac{1}{2}$  ft. high  $5\frac{1}{2}$  ft  
 across along side

73.00 Iron Mesa Sec. N. 40° E.

77.6.2 Whalara Stone  $17 \times 10 \times 5$  ins  
 $12$  ins. in the form for Ch & Sec  
 $5-6-31 \times 32$  marked with 1  
 notch on N. & 5 notches on  
 E edges. dug pit  $18 \times 18 \times 12$  ins  
 in each Sec  $5\frac{1}{2}$  ft. dist and  
 raised a mound of earth 2 ft  
 high  $4\frac{1}{2}$  ft across along with  
 frozen food. Saw fox rolling  
 Sod, 35 Rat  
~~underneath~~

N. 89° 53' E. on the line  
 for Sec. 5 + 32

No. 1309

N Brandy J. 21 N. R 23 E.

|       |                                                                                                                                                                                                                    |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Point | Mar. 14° 18' E.                                                                                                                                                                                                    |
|       | Over rolling surface                                                                                                                                                                                               |
|       | Ascending                                                                                                                                                                                                          |
| 600   | Top of table land 61 ft. high<br>on N. 10 1/2° W.                                                                                                                                                                  |
| 2700  | Descend from table land<br>into Valley                                                                                                                                                                             |
| 3000  | Enter Valley 45 ft descent                                                                                                                                                                                         |
| 4100  | Set a sand stone 18x11x9 ins<br>2 ins in the front for 1/4 Sec Cr<br>marked 1/4 on N. face dry pits<br>18x18x12 ins E & W of stone 5 1/2 ft<br>dist + 2 ins a row of Ent<br>1 1/2 ft high 3 1/2 ft from along side |
| 5000  | Set a sand stone 20x10x4 ins<br>3 ins in the front for Cr table<br>4-5-32 & 33 marked with<br>2 notch on N & 4 notch on<br>Edge. dry pits 18x18x12 ins                                                             |



61  
 N. Boundary T. 21 N. R. 23 E.

Chains

in each Sec 5 1/2 ft. dist and  
 draw a mound of earth of height  
 4 1/2 ft. for alignment  
 against on. Lora Station  
North

N. 89° 53' E. on the line  
 bet. Secs. 4 + 33

Ar. 14° 18' East

40.00 Set a round stone 10 x 10 x 8 ins  
 in the pond for 1/4 Sec Cor.  
 mark 1/4 on N face, deep pits  
 8 x 8 x 12 ins E + W of stone 5 1/2  
 ft. dist & draw a mound of  
 earth 1 1/2 ft. high ~~at the~~ <sup>along</sup> the  
 alignment.

42.00 Enter bad lands bet. N + S.

75.00 Top of table land 100 ft. high  
 on N + S.

80.00 ~~Set~~ Lora stone 20 x 10 x 7 ins

N Boundary T. N. N. R. 23 E

horis

15 ins in the front for corner  
3-4-33 & 34 marked with  
3710 stakes on E & N. Edges, deep  
pits 18x18x12 ins in each face  
5 1/2 ft dia & 20 ins a row  
of stone 2 ft high 4 1/2 ft long  
along side

Good grazing  
Land holding. Soil 3 Rats

N.  $89^{\circ} 53'$  E. on the line  
bet. Secs. 34 & 34

W.  $14^{\circ} 18'$  E.

Corner total land

0.00 At a corner stone 12x9x7 ins  
ins in the front for 1/4 sec. corner,  
marked 1/4 on N. face, deep pit  
18x18x12 ins E & N. of stone 5 1/2  
ft dia & 20 ins a row of

N. Brundage T. 21 N. R. 23 E.

Chairs

cutt 1 1/2 ft. high 3 1/2 ft. long  
along it

697.5 Iron table land

S. 200 Set a sand stone 17 x 8 x 7 in  
11 in. in the form for C. &  
S. 2-3-34 + 35 marked  
with 4 notches on N. + 2 notches  
on E. edges dig pits 18 x 18 x 2  
in. in each one 5 ft. apart  
& raise a row of earth 2  
ft. high 4 1/2 ft. long along with  
grazing fence. Sand rolling  
S. 100 R. 20  
no timber

N. 89° 53' E. on the line  
bet S. 2 + 35  
D. 14° 18' E.

Descend gradually  
over rolling surface

N Brunday T. 21 N. R 23 E.

Churn  
41.00

Let a round stone 18 x 10 x 6 in  
12 in in the front for the fire  
Churn marked 1/4 on N face dry  
pit 18 x 18 x 12 in E & W. of  
stone 5 1/2 ft. dist & carried a round  
stone of stone <sup>earth</sup> along side

42.00 Dry Wash 1.50 Churn with  
Cover S. W.

Ascend

80.00 Let a round stone 16 x 10 x 6 in  
11 in in the front for fire to  
Series 1-2-35 & 36 marked  
with 3 notch on N. & 1 notch  
On E edge. dry pit 18 x 18 x 12  
in in each see ~~front~~ & see  
5 1/2 ft. dist & carried a round  
of earth up high 4 1/2 ft. from  
along side

Graying food Surface killing  
Soil & food

N Boundary T. 21 N. R. 23 E.

Chairs

N. 89° 53' E, on true line  
bet Secs 1 + 36

Var. 140° 18' E,

Ascend abruptly

2.60 Top of Mesa 60 ft high bet N +  
S.

40.00 Like pond stone 10 x 9 x 8 in  
6 in in the jaw for 1/4 Sec Cor  
marker 1/4 on N jaw dug pits 18 x  
18 x 12 in. E + W. of stone 5 1/2  
ft. dist + cairn a row of  
sails 1 1/2 ft. high 3 1/2 ft base  
along side

70.50 Low depression bet N. 60° E  
+ S. 60° W.

80.00 Cr to Townships 21 + 22 N

R5 23 + 24 E  
By Pulling surface  
good from  
Oct 10th 1882  
For 3<sup>rd</sup> time  
not marked

E Boundary T. 22 N. R. 22 E

Chris

Begin at Cont Tps. 21 + 22  
N. R. 22 + 23 E. previously  
established by survey  
N. cut, Sec. 31 + 36  
W. 14048'E,

Open tableland

40.00 Set a sand stone 20 x 12 x 8 in  
15 in in the ground for 1/4 Sec. 25.  
marked 1/4 on N. side by pits 18 x 18  
in. N. & S. of stone 5 1/2 ft. dia  
& raise a mound of earth 1 1/2  
ft. high 3 1/2 ft. dia along side

80.00 Set a sand stone 20 x 12 x 8  
in. 15 in. in the ground for Sec  
to Sec. 25-30-31 + 36 mark  
with 1 notch on S. & 5 notches on  
on N. edge, dig pits 18 x 18 x  
18 in in each Sec 5 1/2 ft. dia  
& raise a mound of earth

Brundley T. RR NE 22 E.

Chairs

2 ft. high  $\frac{1}{2}$  ft. stone along side  
 railing of fence. ~~Some on fence~~  
~~no to fence~~

N. lat. lines 25 + 31  
 W. 140 + 81 E.

Over table land

40.00

Set a sand stone 12 x 10 x 8  
 ins. 8 ins. in the ground for  
 $\frac{1}{4}$  Sec. Cor. marked  $\frac{1}{4}$  on  
 N. face, dug pits 18 x 18 x 12 ins  
 N + S. of stone 5" ft. deep +  
 raised a mound of earth

50.00

Set a sand stone 14 x 12 x 8  
 ins. 9 ins. in the ground for Cor  
 to Secs. 19 - 24 - 25 - 30 marked  
 with 2 notches on S. and 4  
 notches on N. edges, dug pits  
 18 x 18 x 12 ins in each Sec 5  $\frac{1}{2}$

El Brundary J. 22, N. R 22 E.

Choirs

ft. dist & raised a mound of  
earth 2 ft. high 4 1/2 ft base  
along side. Surface table low  
soil 3<sup>5</sup> prod no timber

N. 1/4 Sec. 19 & 22

Dec. 14<sup>04</sup> 8' 8" oak

Over high rolling table lands

4400 at a round stone 14 x 12 x 8 ins ✓

9 in. in the front for 1/4 Sec. 22

Marked 1/4 on N. face dry pit

8 x 18 x 12 in N + S. of stone 1/2

ft. dist & raised a mound of

earth 1 1/2 ft high 3 1/2 ft base

along side

8000 at a round stone 20 x 12 x 10 in

15 in in the front for 1/4 Sec. 22

13-18-19 & 20 marked with

3 notches on S. + N. edges, dry



E Brundage J. M. N. R 22 E

Chowis

dig pit 18 x 18 x 12 ins in each  
 @ 5 1/2 ft dist + raise a  
 mound of earth 2 ft high 4 1/2  
 ft long along side  
 rolling tableland <sup>3' prod</sup>  
~~to timber~~

N. by Sies 13 + 18

Dist. 14048' E.

40.00 Let a sand stone 12 x 10 x 8 ins  
 Sies in the pond for 1/4 Dieler  
 marked 14 on N face dig pit  
 18 x 12 ins N + S. of stone 5 1/2  
 ft. dist + raise a mound of  
 earth 1 1/2 ft. high 3 1/2 ft long  
 along side

65.00 Iron high bond and sub-daily  
 for N. E + S. W

100.00 Let a Lava rock 24 x 12 x  
 12 ins. 10 ins. with iron for

# Brundage Twp. NR 22 E.

Choir

Art Sec 7-12-13 + 18  
 Marked with 4 notches on S.  
 and 2 notches on N edges  
 Day pits 18x18x12 ins in each  
 Sec 5<sup>th</sup> ft dirt + saw in a  
 row of earth aft. height 4 1/2  
 ft from along side  
 Section 7-12-13-18  
 North 3/4 East  
 No timber

N. Sec 7 + 12  
 (Br 1404 S E.)

Over valley land

4.00 Cross NW 20 20 20 20 20 20 20 20

30.00 Iron Valley Sec. E + W

34.00 Top of Table land Sec E + W.

40.00 Set a sandstone 20x12x8 in

15 in in the front for 1/4 sec car  
 marked 1/4 on N. fac, day pits  
 18x18x12 ins N + S. of stone 5/2

Boundary J. 72 N. R 72 E.

Crown

ft. dia. & raised a mound  
with 1 1/2 ft high 3 1/2 ft dia  
along side

3600

Set a round stone 12 x 12 x 8  
in 8 in in the post for the  
to Sec. 1-6-7 & 12 marked  
with 5 notches on S & 1 notch  
on N. Edeyer. Aug. 18 x 18 x 12  
in in each dia 5 1/2 ft dia  
& raised a mound of earth 2  
ft. high 4 1/2 ft dia along side  
Simple rolling. Sp. 22 in 1/2 in  
W. timber

N. bet. Secs. 1 & 6.

Var 14° 48' E.

Can high table land

4000

Set a round stone 20 x 10 x 8  
in 10 in. in the post for Sec  
Ar. marked 1/2 on N face, day

El Boudy J. 22 N, R 22 E.

Chain

pit 18 x 18 x 12 ins N + S of stone  
5 1/2 ft. dist + rain gauge  
of cast 1 1/2 ft. high 3 1/2 ft  
from along side

See also pit a side stone 12 x 12 x 8  
ins 8 ins in the front for Cor to  
Tps. 22 + 23 N, R's 22 + 23  
E. marked with 6 notches on  
Each edge, dug pit 24 x 18  
x 12 ins lengthwise on each  
line N, S, E + W. of stone 6  
ft. dist + rain gauge  
of stone 2 1/2 ft. high 5 ft from  
along side. Land high + rolling.  
Soil 3/4 top ground 1/8 ft  
Oct 11 1887

N Brunday T 22 N, R 23 E.

Chains

Instrument tested as at  
beginning of Survey by observation  
on Palanis + found correct

Began at Cor. to Tfr. 22 + 23  
N. R's 23 + 24 E. previously  
established by run out on  
N. on a random line bet  
said Townships

Set temporary Cors. at each  
40 + 50 Chas. + find the  
Township line to be 476.00  
Chas. long, + the falling to be  
40 lbs. S. of Cor. to Tfr. 22 + 23  
N. R's 22 + 23 E. previously  
established by run

Then I run

S. 89° 57' E, out the line bet

N Boundary 1<sup>st</sup> N. R. 23 E.

Hours

Secs. 6 &amp; 31

Twp. 14° 45' E

Over rolling land

3:00 Set a sand stone  $12 \times 10 \times 5$  in  
 8 in. in the post for  $\frac{1}{4}$  Sec. cor.  
 marks  $\frac{1}{4}$  in N. for dug pits  
 $18 \times 18 \times 12$  in E, & N of stone 6 ft  
 ft. dirt & sand a mound of  
 earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft across  
 along side

7:00 Set a sand stone  $20 \times 10 \times 8$  in  
 15 in in the post for Cor to Secs  
 5-6-31- & 32 marks with  
 1 notch on N. & 5 notches on E  
 edges, dug pits  $18 \times 18 \times 12$  in  
 in each Sec  $5\frac{1}{2}$  ft high & sand  
 mound of earth 2 ft high  $4\frac{1}{2}$  ft  
 across along side

Found rolling Soil 3 Rows  
 No Timber

## N Boundary T. 22, N. R. 23 E.

Show

S.  $S 90^{\circ} 57' E$ , on the line  
bet Secs. 32 & 33 $W 140^{\circ} 45' E$ .

Over Rolling County

40.00 Set a round stone  $20 \times 10 \times 8$  ins  
15 ins in the ground for  $1/4$  Sec. 32.  
marked  $1/4$  on between dry pits  $18 \times$   
 $\times 18 \times 12$  ins E & W of stone  $3 1/2$  ft  
dist & set a mound of  
earth  $1 1/2$  ft. high  $3 1/2$  ft across  
along side

50.00 Set a Iowa stone  $20 \times 10 \times 8$  ins  
15 ins. in the ground for Cor to Secs  
45-32 & 33 marked with  
2 notches on ~~W edge~~ and  
4 notches on E edge, dry  
pits  $18 \times 18 \times 12$  ins in each Sec  
 $5 1/2$  ft. dist & set a mound  
of earth  $2 1/2$  ft high  $4 1/2$  ft across

N. Brundage J. 72. N. R. 23E.

Howin

elongoid

~~Found in~~  
~~no number Soil 3 Kat~~

S. 89° 57' E. on trunk line  
 det. Sec. 4 + 33

W. 14° 45' E.

3600 Ester Valley Sec. N, E + S. W.

4000 Lata Sandstone 20 x 12 x 8 in

15 in in the part for 1/4 sec as

marked 1/4 on N tran by pet

18 x 18 x 12 in E + M of stone

3 1/2 ft. dia + varied amount

of cortex 1 1/2 ft. high 3 1/2 ft. dia

elongoid

4600 Cross work 50 lbs. and

Core S. W.

5000 Lata Sandstone 14 x 12 x 8 in

15 in in the part for core to be

3-4333 by marked with



N Brunday T. 22 N. R 23 E

Choirs

3 Notches on E + Wedges  
 Aug pits 18 x 18 x 12 ins in each  
 are 5 1/2 ft. dia + eaint a  
 mound of earth 1/2 ft. high 4 1/2  
 ft. long along in  
 Lion Valley proving fair  
 Notches

S. 89° 57' E. out from line  
 bet Secs. 3 + 34

Dr 140 45' E.

Open Valley Lower

40.00

At a round stone 20 x 12 x 8 ins  
 15 ins in top for 1/4 sec. Cor

marked 1/4 on N face, dug pits  
 18 x 18 x 12 ins E + W. of stone

1 1/2 ft dia. + eaint a mound  
 of earth 1 1/2 ft high 3 1/2 ft  
 long along in

45.00

Lion Valley bet. N E + S W

N Boundary J. by N. R 23E.

Now

Ascend

5:00

Set a level stone  $24 \times 10 \times 5$  ins  
 S.W. in the pond for Ar. to Secs.  
 2-3-34 + 35 marked with  
 4 notches on N + 2 notches  
 on E. edge, dry pit  $18 \times 18 \times 12$   
 ins in each Sec  $5 \frac{1}{2}$  ft dia  
 & round a mound of earth  
 2 ft high  $4 \frac{1}{2}$  ft diam along side  
 Some Valley land  
 grazing for No timber

S.  $89^{\circ} 57'$  E. on true  
 line bet Secs. 2 + 35

N.  $140^{\circ} 45'$  E.

4:00

Set a level stone  $17 \times 7 \times 4$  ins  
 S.W. in the pond for  $\frac{1}{4}$  Sec  
 Ar. marked  $\frac{1}{4}$  on N face  
 dry pit  $18 \times 18 \times 12$  ins E + N

N Boundary J. 22 N. R 23 E.

Chairs

of stone  $5\frac{1}{2}$  ft. dia. + cement  
a mound of earth  $1\frac{1}{2}$  ft high  
 $3\frac{1}{2}$  ft from along side.

S. or like Iowa stone  $16 \times 10 \times 6$   
in 11 in in the post for Chrs to  
Sers. 1-2-35 & 36 marked  
with 5 notches on N & 1 notch  
on E. edge, by pits  $18 \times 18 \times 12$   
dia. in each loc  $5\frac{1}{2}$  ft dia  
+ cement a mound of earth 2  
ft. high  $4\frac{1}{2}$  ft from along side.  
Land rolling Grazing fair  
Not timbered

S. 89° 57' E. on a tree  
line bet. Sers 14 & 36

N. 14° 45' E.

Over high rolling land

40.00. like Iowa stone  $20 \times 12 \times 8$  in

N Broadway J. 22 N. R. 23 E.

2/10/18

15' in the pit full 1/4 Sec. Cas.  
 marked 1/4 on N. face, dug  
 pit 18 x 12' in E & N of Stn  
 3 1/4' dia. & 2' in a row  
 of ~~stone~~ <sup>feathers</sup> 1/2 ft. high 3 1/4' in  
 along side

Saw the Cr. to Sp's 22 & 23  
 N. R's 23 & 24 E. from  
 which I started

Since selling Grogan farm  
 Oct 12<sup>th</sup> 1887 ~~the~~ <sup>the</sup> timber

E Boundary T. 20 N. R 21 E.

Area

Instrument tested as at beginning of survey and found correct.

Begin at Ar & Tps. 19 & 20 N. R 21 & 22 E. which is a sand stone 14 x 10 x 8 ins properly set, notched & marked & with pins & mud of earth

then from

N. bet. Secs. 31 & 36

N 1400051 E.

On rolling surface

40.00 set a sand stone 13 x 12 x 10

8 ins in the fur for 1/4 sec. set marked 1/4 on N face, dry pit (1/4) 8 1/2 ins N & S. of stone 5 1/2 ft dist & around a mound of earth 1 1/2 ft high 3 1/2 ft across along side

E Boundary T, 20 N, R 21 E,

From  
5000

Set a sound line 20 x 15 x 5 mi  
15 mi in the front for Abt  
lies 25-30-31 & 36, make  
mit 1 notch on S & 5 notches  
on N. 2 edges, dug pits 18 x 18 x 1/2  
in, in each in 5 ft dirt  
& about a row of each 2  
ft. high 4 ft long along id.  
Soil 3' prod  
Good grazing November

---

N. bet Lies 25 & 30  
Apr. 14° 0 5' E.

On rolling surface

4000 Set a sound line 16 x 8 x 8 mi  
15 mi in the front for 1/4 Sec. Ar.  
marked for surface, dug pits  
18 x 18 x 1/2 ins. N & S. of them  
78.00 Cross Wash 5.00 chs. wide, Course S. 25° W.

Monday, J. 20th. R 21 E.

Chorus

+ gained a mound of earth  $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft. base along side  
 J. 00 Wet Sand stone  $27 \times 8 \times 4$   
 ins. 19 ins in the front for  
 Chorus. 19 ins  $25 \times 30$   
 marked with 2 notches on S. and  
 4 notches on N. Edge. deep pits  
 $18 \times 18 \times 12$  ins in each set  $5\frac{1}{2}$   
 ft. dist + gained a mound of  
 earth 2 ft. high 4' ft. base  
 along side  
 Soil 30 parts  
 Grazing food Not under

---

N. edge Sides 19 + 24  
 14 14 00 E

Over rolling surface

4000 Wet Sand stone  $16 \times 12 \times 10$

El Brunday I, 20 N. R. 21 E

Chin

vis. 11 vis. in the pond for  $1/4$   
 Sec Cor. marked  $1/4$  in N.  
 face. dug pits 18x18x12 vis  
 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 from along side

49.00

50.00

Cross Wash & Chin N. Corner S.W.

in a round stone 20x12x8 in

15 vis. in the pond for Cor to Sec

13-18-19 & in marked with 3

notches on S. & N edges, dug

pits 18x18x12 vis in each Sec

$5\frac{1}{2}$  ft dist & raised a mound

of earth up high  $4\frac{1}{4}$  ft from

along side

Soil 3<sup>rd</sup> grade

Grass in fact

No timber



Elmunday T. To N. R. 21 E.

Provis

N. bet Secs. 13 & 18,

Tr. 14° 05' E

Over rolling surface

40.00 Put a sand stone 16x12x10 ins

11 ins. in the front for  $\frac{1}{4}$  Sec on

marks  $\frac{1}{4}$  on N face dry pit

18x18x12 ins N & S. of stone  $5\frac{1}{2}$

ft dist & raise a mound of

earth 1 $\frac{1}{2}$  ft. high 3 $\frac{1}{2}$  ft across

along side

50.00 Put a sand stone 20x13x9 ins

15 ins in the front for Cor & Secs

7-12-13 & 18, marked with

4 notches on S. & 2 notches on

N edge. dry pit 18x18x12 ins

in each Sec  $5\frac{1}{2}$  ft dist and

raise a mound of earth 2 ft

high 4 $\frac{1}{2}$  ft across along side

E Brundage J. 20 N. R 21 E.

Chowin

Soil 3 Rot  
 found from in  
 Not later

---

N. bet Sec 7 & 12

Tr. 14-05-15.

Over rolling surface

4000 Lta a lava stone 12x12x 3/4  
 in in the zone for 1/4 Sec C.  
 marked 74 on W face dry pit  
 1/4x1/4x1/2 in N+S. of stone 5 1/2 ft  
 dist. & over a mound of  
 earth 1 1/2 ft high 3 1/2 ft long  
 along road

5000 Lta a sandstone N 1/2 N 1/4  
 in 10 in. in the zone for Sec  
 6 Des. 1-6-7 & 12, marked  
 with 3 marks on S. & 1 mark

E Brandy J. 20 N. R. 21 E.

Shovels

at N Edges. by pits 18x18x12  
 ins in each dir 5 1/2 ft. dirt  
 & sand a sand of earth  
 2 ft high 4 1/2 ft from along side  
 Soil 3<sup>rd</sup> Rate

Food poisoning  
 November

---

N. bit Sec. 1 & 6.

Dr 1400518.

Over collig Surface

40.00 Let a sand blow 14x11x9  
 ins 9 ins. in to for for 1/4  
 Sec. Cu. mark 1/4 on W  
 fac. by pit 18x18x12 ins N & S  
 of str 5 1/2 ft dirt & sand  
 amount of dirt 1 1/2 ft high  
 3 1/2 ft from along and

El Bouday J. 20 N. R. 21 E.

shrius  
5015

Intersect of Standard N.  
at a point 37 lks E of  
Standard Cr & Tps. 21 N.  
Rs. 21 & 22 E, previously  
established by me, when I  
set a lava stone 12 x 10 x 6 ins  
S.W. in the fur for Closing  
Cr. & Tps. 20 N. R. 51 & 22 E.  
marked C.C., with 6 potatoes on  
S. & N. edges, dry pit 21 x  
18 x 12 ins Crosswise on each  
side line S. E & N. of stone 6 ft  
dirt & rain a mound of earth  
2 1/2 ft high 5 ft long  
Soil 3 Rate Mumber  
Good freezing  
Oct 14<sup>th</sup> 1882

## E Boundary J. 21 N. R 21 E.

Trails

Begin at Standard Cor &  
 Jps. 21 N. Ro. 21 + 22 E. on  
 3th Standard N. previously  
 established by me

Old run

N. bet Les. 31 + 36

W. 14° 18' E.

One well exposed

46.00 Pit a sand stone 18 x 12 x 6 in  
 12 in. in the pit for 1/4 sec. or  
 more 1/4 in W. face, dry pit  
 18 x 18 x 2 in N + S. of atom 0 1/2  
 ft. dist & count a snow of  
 latt 1 1/2 ft high 3 1/2 ft  
 base along side

50.00 Pit a Lava stone 21 x 13 x 7  
 in 13 in in the pit for Cor  
 les 25 - 30 - 31 + 36 mark  
 with 1 notch on S. and 5 marks

El Brunday J. 21 N R. 21 E.

Shain

on N edge, dug pit 18 x 18 x 1/2  
 ins in each side 5 1/2 ft dirt  
 + raised a mound of dirt  
 2 ft. high 4 1/2 ft base  
 along side

Graying found  
Dufasa rolling November

N. bet. Sec. 25 + 30

R. 14 + 18 E.

4000 ft a sand stone 16 x 13 x 4

ins. 11 ins. in the pit for 1/4 in  
 Cu. mark 1/8 in 2 ft ac. dug  
 pit. 18 x 18 x 1/2 ins N + S of stone

3 1/2 ft dirt + raised a mound  
 of dirt 1 1/2 ft. high 3 1/2 ft  
 base along side

Four like sand stone 20 x 14 x 7

ins. 13 ins in the pit for

El Brumday J. 21 N R. 2, E

Cham

for cor to Secs 19-24-25 & 30  
 marked with 2 notches on S  
 & 4 notches on N edges, deep  
 pit. 18x18x12 ins in each Sec  
 5 1/2 ft dia & raised a mound  
 of catt 2 ft. high 4 1/2 ft. dia  
 along side  
 surface rolling  
 freezing mud  
 N. timber

---

N. bet Secs 19 & 24  
 Cor. 14" 1 S E.

One rolling surface

40.00 Set a round stone 18x12x6 ins  
 10 ins in the top for 1/4 Sec Cor  
 marked 1/4 on N face, deep pit.  
 18x18x12 ins E of station 5 1/2  
 ft dia & raised a mound of

E. Boundary J. 21 N. R 21 E.

Shani

cutt 1 1/2 ft high 3 1/2 ft

board along side

Found Put a Lumber Stone 18 x 17 x 9 in

12 in in the front for cut & lies

13-18-19 & 20 marked with

3 notches on S & N edges, dry

cut 18 x 18 x 12 in in each line

3 1/2 ft. dirt & sand in row

of earth 2 ft. high & 1 1/2 ft

board along side

Spring find

Surface Rolling, No timber

N. of Lies. 13 & 18.

Dr 14° 18' E.

One rolling surface

40.00 Put a sand stone 21 x 13

x 5 in 13 in. in the front for

1/4 in cut. marked 1/4 in



El Brandy J. 21 N R. 21 E

Choin

N face, dry pit 18' x 18' x 12' in  
N + S. of stone 5' 1/2 ft dist  
& raised a mound of earth  
1 1/2 ft. high 3 1/2 ft base  
along side

So. 00

Like a round stone 15' x 11' x 7' in  
10' in in the jaw for Cur & Sides  
7-12-13 + 18 marks with  
4 notches on S. + 2 notches on  
N. Edges. Dry pit 18' x 18' x 12' in  
in each side 5' 1/2 ft dist &  
raised a mound of earth  
2 ft. high 4 1/2 ft base along side  
Yours in jewel  
Surface rolling ~~to timber~~

N. bet Sides. 7 + 12  
Apr. 14 - 18' E.  
One rolling surface



Abundant J. 21 N. R 21 E.

Chorus

N. bet. Lics 1 & 6

Dr 14° 18' E.

Overcolling surface

Asces

40.00 Ret a sandstone 20 x 12 x 6  
in 15 in in the top for 1/4  
Re Cor. marked 1/4 on surface  
dry pit. 18 x 18 x 12 in. N & S  
of stone 5 1/2 ft. dirt & rain  
a mound of earth 1 1/2 ft high  
3 1/2 ft from along, etc.

37.00 Top of hill bet. N 20. & SE.

Descent

50.00 Subalava stone 14 x 10 x 6  
in 9 in in the top for Cor.  
to top 21 & 22 N. R. 21 & 22  
E marked with 6 notches on  
Each edge, dry pit 24 x 18 x  
12 in, lengthwise on Each

Boundary T. 21 N. R. 21 E

Choir

line N. S. E + W. of town  
6 ft dist + curve a row of  
posts 2 1/2 ft. high 3 ft. or  
dressed

Grass growing <sup>very well</sup> ~~very well~~ <sup>rolling</sup>  
No timber

N. Ry. T. 21 N. R. 22 E.

From the Cor to Tps. 21 + 22  
N. R. 22 + 23 E. previously  
established by run

Run

N. on a random line bet said  
Townships

Var. 14 - 18' E.

Set temporary half mile +  
mile corners at each 40 +  
So Chms + find the Township  
line to be 477.92 chms. long

W Brundage J. 21, N. R. 22 E

Chow

& the falling to the S 5 lks. N  
of cor. & sp. 21 & 22 N. R. 25  
21 & 22 E. previously established  
by me

Thence I run

N. S 9° 54' E. on a true line  
bet. Secs. 6 & 31.

Str. 14° 51' E.

Over bad lands.

3/100 Sec 3 bad lands true N. 20° W.

3/992 hit a sandstone 24x10x8  
in. 1/2 in in the foot for 1/4 sec.

cor. marks 1/4 on N face, dry  
pit 18x18x12 in E & 22 of stone

5 1/2 ft. dirt & void a sand  
of sort 1 1/2 ft. high 3 1/2 ft  
long along side

77.992  
~~3/992~~ hit a sandstone 18x10x6 in  
12 in in the foot for cor &

N Brunday T 21 N. R. 20 E

Sho's

Sigs 5-6-31 + 32 marked  
with 1 notch on N. + 5 notches  
on E. edges. One pit 8x16x18  
ins in back Sig 5 1/2 ft dirt  
+ said a mound of lath up  
hgt 4 1/2 ft. top along d.

Boil 30 + 40 <sup>Rate</sup> ~~no timber~~

N. S 90 54' E. on true line  
Feb. Sig 5 + 32  
Var 14. 18' E.

Old rolling surface  
Ascending

860 Top of hgt rolling mesa  
65 ft high on N. 60 1/2° W.

4600 Red lava stone 17x10x4  
ins. 11 ins in the pit per 1/4 Rev  
On marked 1/4 in 21 over

W. Bourday T. & N. R. 222

Shooin

dry pit. 18 x 18 x 12 ins E & W,  
of stone 5 1/2 ft dia & said  
a mound of earth 1 1/2 ft high  
3/4 ft. bar along side

5000

Let a round stone 18 x 14 x 4 ins  
18 ins. in the ground for cut & lines  
4-5-32 + 33 marked with  
2 notches on N. & 4 notches on  
E edge, dry pit. 18 x 18, ins  
in each dir 5 1/2 ft dia and  
said a mound of earth  
2 ft high 4 1/2 ft bar along with  
crossing from  
Bond Valley. Site 3. R. 2  
no timber

N. 89° 54' E. on true line  
between Sec 4 & 33  
N. 14° 18' E.

W Broadway J. 21 N. R 22 E

46.00

One high rolling Mesa

Let a sand stone  $21 \times 16 \times 8$   
ins 15 ins in the foot for  $1/4$  Sec

Cr. mark  $5 \frac{1}{4}$  on N. face day  
put  $18 \times 18 \times 12$  ins E & W of stone

$5 \frac{1}{2}$  ft dia & raise a row  
of scott  $1 \frac{1}{2}$  ft. high  $3 \frac{1}{2}$  ft  
long

50.00

Let a low stone  $20 \times 15 \times 6$  in  
15 ins in the foot for Cut Sec

3 4-33 & 34 marked with

3 notches on E & W edges. day  
put  $18 \times 18 \times 12$  ins in each side

$5 \frac{1}{2}$  ft dia & raise a row  
of scott 2 ft. high  $4 \frac{1}{2}$  ft long  
along side

High rolling  
Sand rolling. Soil 3 Rab



N Brundage T. D. H. R. 22 E.

Cheris

N. S.  $9^{\circ} 54' E.$  on top  
line bet Les. 3 + 34  
Ar. 14 + 18. E.

Over high rolling Meander  
4000 Set a level stone  $16 \times 8 \times 7$  in  
11 ins in the fur for  $1/4$  Ar  
Ar. marked  $1/4$  on N. face  
dry pit  $18 \times 18 \times 12$  in. E + W.

of stone  $5 \frac{1}{2}$  ft disk + 2 in  
mound of earth  $1 \frac{1}{2}$  ft high  
 $3 \frac{1}{2}$  ft base along side

5000

Set a level stone  $17 \times 10 \times 6$  in  
11 ins in the fur for Ar to Les.  
3-3-32 + 35 marked with  
4 notches on N + 2 notches on  
Edge. dry pit  $18 \times 18 \times 3$  in  
in each side  $5 \frac{1}{2}$  ft disk at  
least a mound of earth  
2 ft high  $4 \frac{1}{2}$  ft base along side

N Boundary T.M.R. 22 E.

Chains of Sand calling  
 grazing food in Rate

N. 89° 54' E. on the line  
 bet. Lres. 2 & 30

202. 14° 18' E.

Over high rolling land

400 Lba Sand stone 16 x 12 x 5 in

12 in. in the joint for 1/4 in

Chr. marked 1/4 on N face

dry pits 18 x 18 x 12 in E & W of

stone 5 ft in dia & round in

round of rock 1 1/2 ft high

3 1/2 ft. top along joint

600 Lba Lava stone 21 x 10 x 10

in. 10 in. in the joint for Chr

to Lres 1-2-35 & 36 marked

with 5 notches on W & 1 notch

on E. edge. dry pits 18 x 18 x 1/2

N Boundary J. H. R. 22E

Chin

is in each sec. 5' x 5'  
 dist & point a row of  
 salt 2 ft high 4' x 5' to  
 along side and rolling  
 grazing for soil. 3' Rate  
 no number

N. S. 90 54' E, on the line  
 bet. Secs. 1 & 36

Obs. 140 18' E

40.00 lbs a lava stone 24 x 10 x 6  
 in 18 in in the ground for 1/2 year  
 Ch. marks 1/2 in N. boundary  
 pit 18 x 18 x 12 in E & N of stone  
 5' x 5' dist & point a row  
 of salt 1' x 5' high 3' x 5'  
 from along side

N Broadway Twp N. R. 22 E

Shows  
 four the Cor. to Tps. 21 + 22 + 23 R's  
 22 + 23 E. from which  
 I started  
 of land calling Sec 3 & 4 at  
 good price my <sup>no timber</sup>  
 Oct. 15 / 1887

E. Broadway Twp N. R. 21 E.  
 Begin at Cor to Tps. 21 +  
 22 N. R. 21 + 22 E. previously  
 established by me  
 N. Sec. 1, 2, 3, 4, 5, 6  
 Oct. 14 to 31 '85.

Ascending  
 3200 Top of table land to S.W.  
 4000 at a pond (to 20 x 12 x 5 in)

E Boundary, J. 22 N. R. 21 E

Novis

Bris, in the front for 1/4 Sec  
Cw mark 1/4 on W face  
dug pits 18x18x12 ins N & S  
of stone 5 1/2 ft dia & raised  
a mound of earth 1 1/2 ft high 3 ft  
th. on alongside

Sec 20 lot a round stone 30x20x8 in  
20 ins, in the front for Cw & Sec  
25-30-31 & 36 marked  
with 1 notch on S. & 3 notches  
on N. edge, dug pits 18x18x12  
ins in each Sec 5 1/2 ft dia  
& raised a mound of earth  
1 1/2 ft high 4 1/2 ft on alongside  
Good grazing  
Soudrolling Soic 3 Rate

N. 1/4 Sec. 25 & 30  
W. 14° 31' E.

## E Boundary from N. R. 21 E

Shows

Low rolling Country

3400 Enter scattering timber  
In. E & W4400 A hard sand stone  $20 \times 10 \times 8$   
ins. 15 ins in the joint for  $1\frac{1}{2}$  ft  
An. marked  $\frac{1}{4}$  on N. face, day  
pet  $18 \times 18 \times 12$  ins N & S. of stone  
 $5\frac{1}{2}$  ft dia & raised a row  
of earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft dia  
along side8000 A hard sand stone  $20 \times 11 \times 9$   
ins. 15 ins in the joint for  
Cut to elev 19-24-25 & 30  
Marks with 3 notches on S. &  
4 notches on N. Edge, day  
pet  $18 \times 18 \times 12$  ins in back row  
 $5\frac{1}{2}$  ft dia & raised a row  
of earth 2 ft high  $4\frac{1}{2}$  ft  
dia along side Good foraging  
Landpolling soil 3 holes no timber.

187

BOOK 1309

Esunday T. 22 N R 21 E.

Chow

N. B. B. Dec. 19 + 24

Dec. 14 + 31 E.

Carr rolling County

46.00 Reta Bone 14x12x 8 in  
 9 in. in the post for 1/4 in  
 Car. mark 1/4 on W face  
 dug pit 18x18x 1/2 in N + S of  
 stone 5 1/2 ft. dia + 2 in  
 a mound of earth 1 1/2 ft high  
 3' h ft box along side

80.00 Reta Bone 12x10x 8 in  
 8 in. in the post for Car to  
 Dec. 13-15-19 + 24 mark  
 with 3 notches on S. + N edges  
 dug pit 18x18x 1/2 in in back  
 Dec 5' h ft dia + 2 in  
 mound of earth 2 ft high 4 1/2  
 ft. box along side

Good for 3 of Land rolling  
 Soil 3 notches on north

E Boundary J. 22 N. R. 21 E.

Thru

N. bet Recs. 13 + 18

Dir. 14° 31' E.

Quartz broken

40.00

Like lower rock 14 x 10 x 4  
 in 9 in. in the foot for 1/4  
 Sec. Cor. marks 1/4 in N of  
 day pit 18 x 18 x 12 in N o S of  
 show 5 1/2 ft dia & raise a  
 mound of earth 1 1/2 ft high  
 3 1/2 ft broad along side

80.00

Like sand stone 20 x 12 x 6 in  
 15 in in the foot for Sec 1  
 Recs. 7-12-13 + 18 marks  
 with 4 notches on S. & 2 notches  
 N. edges. Day pit 18 x 18 x 12  
 in in each Rec 5 1/2 ft dia  
 & raise a mound of earth  
 2 ft high 4 1/2 ft broad  
 along side gain from  
 surface broken soil 3' lat  
 N. timber



## E Brunday T. 72 N. R. 21 E.

Cheris

N. beh Decs. 7 + 12

Nos 14 + 31 + E,

4.33 Echin Valley Bur E + W

4 v. 00 Lha pond stone 12 x 12 x 8 ins

9 ins. in the joint for  $\frac{1}{4}$  DecCo. sand  $\frac{1}{8}$  on W face, dry

pts. 18 x 18 x 12 ins N + S. of stone

5  $\frac{1}{2}$  ft dia & caust & sawof caust 1  $\frac{1}{2}$  ft high 3  $\frac{1}{2}$  ft

long along side

74.00 Lion Valley Bur E + W + accret

86.00 Lha pond stone 14 x 10 x 4 ins

9 ins. in the joint for Dec &amp; Decs

1-6-7 + 12 marked with 5

notches on S, &amp; 2 notches on N

Edges dry pts. 18 x 18 x 12 ins in each

Dir 5  $\frac{1}{2}$  ft dia & caust & sawof caust 2 ft high 4  $\frac{1}{2}$  ft long along side

Fair freezing. Sand filling

Soil & Rate ~~not in book~~

E Brundage T. 22, N. R. 21 E.

Chowin

N. beh, Sec 146

Var,  $14^{\circ} 31' E$

Over rolling Country

Howe

Set a wood ston  $12 \times 7 \times 8$  in  
 8 in. in the joint for  $\frac{1}{4}$  sec the  
 marks  $\frac{1}{4}$  on N face, dug pit  
 $18 \times 18 \times 12$  in N + S. of ston  $5\frac{1}{2}$   
 ft deep + raised a mound of  
 earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft across  
 along side

Howe

Set a low rock  $14 \times 10 \times 5$  in  
 9 in. in the joint for Cor to Tps  
 22 + 23 N. R. 21 + 22 E,  
 marked with 6 notches on each edge  
 dug pit  $24 \times 18 \times 12$  in N, S, E + W of  
 ston 6 ft deep + raised a mound of earth  
 $2\frac{1}{2}$  ft high 5 ft across along side  
 Iron pros. in. Land rolling  
 Soil 3<sup>rd</sup> Rat Oct. 16<sup>th</sup>, 1882

N Boundary T. 22 N., R. 22 E.,

Chain

From the Cor. to Tps 22 + 23  
N. R. 22 + 23 E., previously  
established by me I run

West on a random line bet  
said townships, I set  
Temporary Corners at each  
40 + 80 Chms & find the township  
line to be 477.28 Chms long  
& the fallings to be 1.20 Chm N.  
of Cor. to Tps. 22 + 23 N. R. 20  
21 + 22 E. previously established  
by me

Thence I run

N.  $89^{\circ} 51' E.$  on true line  
bet. Sec. 6 + 31

$14^{\circ} 48' E.$

Descend abruptly

37.28 Set a round stone  $17 \times 9 \times 3$  in  
12 in. in the post for  $1/4$  Sec

N Brandy J. 22. N. R. 22 E

Choirin

Car. marked 1/4 on N face  
dry pit 18x18x12 ins E + N of  
stone 5 1/2 ft dia + 1/2 in  
mound of earth 1 1/2 ft. high 3 1/2  
ft. box alongside

6340

Foot of mountain E + S.

Was cut gradually

77.28

At a point stone 20 x 12 x 8 in  
15 ins in the foot for cut face.

5-6-31 + 32 marked with  
1 notch on N, + 5 notches on E  
edges, dry pit 18x18x12  
ins. in each sec 5 1/2 ft dia  
+ 1/2 in mound of earth  
2 ft. high 4 1/2 ft. box alongside

Thin freezing  
Surface broken Soil 3 1/4 ft

N. 89° 51' E. on top line bet

N Boundary T, 27, N. R., 22 E.

down

Dec 5 + 32

Dir. 140 48 E.

Descending

21.30 Low dip, on N. E. S. W.

4000 Lk a round stone 14 x 10 x 8 in

9 in. in the front for  $\frac{1}{4}$  in  
Car. marked  $\frac{1}{4}$  on N face dry  
pts 18 x 18 x 12 in E. W. of  
stone  $\frac{5}{8}$  ft dia & raised a  
mound of earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$   
ft long alongside

5000 Lk a round stone 14 x 10 x 8 in

9 in. in the front for Cor & Res

4-5-32 + 33 marked with

2 notch on W, & 4 notches on

on E. edge, dry pts 18 x 18 x 12

in in back SW  $\frac{5}{8}$  ft dia

& raised a mound of earth 2 ft

high  $4\frac{1}{2}$  ft long alongside

N Boundary T. 22 N., R. 22 E.

show surface broken Soil 3 Rat  
 Hair freezing

N. 89° 51' E, on a timber line  
 bet. Secs. 4 + 33

Var. 140° 48' E.

Open rolling land

4000 Suba sand stone 13 x 9 x  
 4 ins. 9 ins. in the form of 1/4  
 1/2 in. markd 1/4 on N face.  
 dry pits 18 x 18 x 12 ins E + N.  
 of stone 5 1/2 ft dist + rain  
 a mound of earth 1 1/2 ft high  
 3 1/4 ft. base along side

5000 Suba sand stone 14 x 12 x  
 5 ins 9 ins in the form of  
 wet Secs. 3-4 33 + 34  
 marks with 3 notches on E +  
 N edges. dry pits 18 x 18 x 12  
 ins in each Sec 5 1/2 ft dist

N. Brundage T. 22, N. R 22E, 7

Chairs

Received a round square  
2 ft. high 4" ft. base along side  
Chair from  
Surface rolling, Soil 3 Rot

N.  $59^{\circ} 51' E$ , on trunk line  
bet Secs. 3 & 34  
W.  $14^{\circ} 28' E$ ,

Over rolling land

40.00 Rot a Round Stone 12x10x8 ins.  
Stone in the pond for 1/4 Sec corner  
marked 1/4 on N face, dry pit  
18x18x1/2 ins. E & N of stone  
3" ft. dia & rec'd a round  
square 1 1/2 ft. high 3" ft. base  
along side

St. 00 Set a Round Stone 12x12x8  
ins Stone in the pond for  
Ch & Secs 2-3-34 & 35

Monday J. 22 N. R. M. E.

horin

marked with 4 notch on N  
 + 2 notch on E. edge. dry  
 pit. 18 x 18 x 12 ins in each  
 Sec. 5' left dirt + sand  
 a mound of earth 1' left  
 4' left from along side

rain freezing  
 Sarsaparilla. <sup>30</sup> ~~no~~ <sup>grains</sup>

N. S 90 51' E. on timber bet  
 Sics. 2 + 35

N. S. 140 48' E.

On rolling land

40.00 Leta Sand Stone 14 x 12 x 8  
 ins. 9 ins in the front for 1/4  
 Sec. On marked 74 on N face  
 dry pit. 18 x 18 x 12 ins E 8 W of  
 stone 5' left dirt + sand a  
 mound of earth 1' left. height 3'



N Boundary J. 22 N. R. 22 E.

Chairs

ft bar along side  
 \$0.00 Let a sand stone  $20 \times 10 \times 5$  in  
 15 in in the form for Cor &  
 Sec 1-2-35 + 36 marked with  
 5 notches on N. + 1 notch on  
 E edge. dug pit  $18 \times 18 \times 12$  in  
 in each Sec  $5 \frac{1}{2}$  ft. dist and  
 raised a mound of earth  
 2 ft. high  $4 \frac{1}{2}$  ft. long along side  
 of pit  
 Surf. from rolling. Soil 3 ft. deep

N.  $89^{\circ} 51' E.$  on the line  
 bet Sec. 1 + 36

N.  $14^{\circ} 48' E.$

Ches rolling County

40.00 Let a sand stone  $20 \times 10 \times 8$   
 in 18 in in the form for Cor &  
 Sec 1 + 36 marked with

N Broadway S. 22 N R 22 E

Chains

1/4 on N. face, depth 18  
 18 x 22 ins E. + N. of stn 5 1/2  
 ft. dist + chain a row of  
 each 1 1/2 ft. high 3 1/2 ft. long  
 along yard

S 60

the Cor to Sp. 22 + 23 N  
 R 22 + 23 E. from

which I started  
 Sand rolling. Soil 35 Rats  
 Good freezing in timber  
 Oct 17 1887

E. By. Op. 20 N. R. 19. E,  
chains,

Begin at cor, 15 Ops,  
19 & 20 N, R's, 19 & 20  
E, which is a lava  
stone 9 x 3 ins, properly  
set, notched & marked,  
and with pits & mound  
of earth.

Thence I run

N. by E. sec. 31, & 36,

var,  $14^{\circ} 8' E$ ,

descending through  
rough broken bad  
lands.

4000 Set a lava rock 14 x 10  
x 4 ins, 9 ins, in the  
ground for  $\frac{1}{4}$  sec. cor,  
marked  $\frac{1}{4}$  on N. face,  
dig pits 18 x 18 x 12 in,  
N. & S. of stone,  $5\frac{1}{2}$  ft,

E. By T. 20 N., R. 19, E  
chains

dist. & raised a mound  
of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base along side

4000 Cross wash, 125 lks,  
wide, course met.

As usual

8000 Ret a lava rock  $24$   
 $\times 12 \times 4$ , 18 ins in the  
ground for cor. To see  
25, 30, 31 & 36, marked  
with 1 notch on S, and  
5 notches on N. edges  
dug pits  $18 \times 18 \times 12$  ins  
in each see,  $5\frac{1}{2}$  ft. dist  
& raised a mound  
of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base along side

Surf rough & broken  
grozing fair sized  
no timber.

E, By Tr. 20 N, R. 19 E,  
chains

N. bet. sec, 25 & 30

var.  $14^{\circ} 8' E$

Ascending through  
bad lands,

2000 spur 40 ft. high,  
course  $6^{\circ} N$

27,50 Cross sag 40 ft. deep  
course  $N$ , & ascend

40,00 Put a sandstone 14  
 $\times 12 \times 8$  ins, 9 ins, in the  
ground for  $\frac{1}{4}$  sec. cor,  
marked  $\frac{1}{4}$  on  $N$ . face,  
dig pits  $18 \times 18 \times 12$  ins  
 $N$ . &  $S$ . of stone,  $3\frac{1}{2}$  ft,  
dist, & raised a  
mound of earth  $1\frac{1}{2}$   
ft. high,  $3\frac{1}{2}$  ft. base  
along side,

44,00 Top of spur 45 ft. high,

E. By T, 20 N, R, 19 E,  
chain

course N. W. & S. E,  
descend

8,000 Set a sandstone 24  
x 12 x 6 ins, 18 ins, in  
the ground for cor,  
to sees, 19, 24, 25 & 30  
marked with 2 notches  
on S, & 4 notches on  
N, edges, dug pits 18 x  
18 x 12 ins in each.  
See, 5 1/2 ft, dist. &  
raised a mound  
of earth 2 ft. high,  
4 1/2 ft, base along side,  
Broken <sup>land</sup> <sup>to</sup> <sup>be</sup> <sup>used</sup> <sup>for</sup> <sup>grazing</sup> <sup>for</sup>  
<sup>See 4 or 5</sup> <sup>notches</sup>  
N, bet, sees, 19 & 24  
Var, 14° S E,

Ascending

10,000 Into valley bet, N, W, & S, E,

E. Ry T. 20 N. R. 19 E,  
chains

about 25 ft. below sea, cor,  
2000 Cross wash course P. W.  
4000 Put a sandstone 14  
 $\times 12 \times 8$  ins, 9 ins, in  
the ground for  $\frac{1}{4}$  sec,  
cor, marked  $\frac{1}{4}$  on W,  
face, dug pits  $18 \times 18 \times$   
12 ins N. & S. of stone  
 $3\frac{1}{2}$  ft. dist. & raised  
a mound of earth  
 $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base  
along side.

8000 Put a sandstone 20  
 $\times 12 \times 8$  ins, 15 ins in  
the ground for cor,  
to sea, 13, 18, 19 & 24,  
marked with 3,  
notches on N. & S.  
edges, dug pits  $18 \times 18 \times 14$  ins,

E. By T. 20 N., R. 19. E.  
chains

in each sec,  $5\frac{1}{2}$  ft,  
dial, & raised a  
mound of earth 2  
ft. high  $4\frac{1}{2}$  ft. base  
along side.

Grazing Good  
Sugar Roddy. Soil 3. Pot  
not in use

N. bat, sec, 13 & 18,

Var.  $14^{\circ} 8' E$ ,

Over valley land

40,00 Put a sandstone 20  
 $\times 12 \times 8$  ins, 15 ins, in  
the ground for  $\frac{1}{4}$  sec,  
cor, marked  $\frac{1}{4}$  on  
N. face, dug pits 18  
 $\times 18 \times 12$  ins, N. & S,  
of stone,  $5\frac{1}{2}$  ft, dial  
& raised a mound



E. By T. 20 N., R. 17. E.,  
Chains,

of earth  $4\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base along side,  
 8000 Put a sandstone 14  
 $\times 14 \times 10$  ins., 9 ins., in  
 the ground for cor  
 to sec. 7, 12, 13 & 18,  
 marked with 4 notches  
 on S, and 2 notches  
 on N. edges, 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 along side,  
 Soil sandy  
 Surface rolling. ~~Some freezing~~  
 N. bel. sec. 7 & 12,  
 Var.  $14^{\circ} 8' E.$   
 32, 30 cross wash 200 MKs,

E. Ry. 9. 20 N. R. 19. E.  
Chairs

- 4000 wide course West  
 4000 Ret a sandstone  
 $12 \times 12 \times 8$  ins, 8 ins,  
 in the ground for  
 $\frac{1}{4}$  sec. cor, marked  
 $\frac{1}{4}$  on N. face, dug  
 pits  $18 \times 18 \times 12$  ins,  
 N. & S. of stone,  $3\frac{1}{2}$   
 ft, dist., & raised  
 a mound of earth  
 $1\frac{1}{2}$  ft, high,  $3\frac{1}{2}$  ft,  
 base along side,
- 6200 Cross Cottonwood Creek  
 200 lks wide, course Q. M.
- 8000 Ret a sandstone  
 $20 \times 12 \times 6$  ins, 15 ins,  
 in the ground, for  
 cor. to sec, 1, 6, 7, 8, 12,  
 marked with 5 notches

C. By T. 20, N. R. 19, E.  
chains

on S. and 1 notch on  
N. edges, dug pits  
18 x 18 x 12 ins, in  
each cor, 5 1/2 ft. dist.  
& raised a mound  
of earth 2 ft. high,  
4 1/2 ft. base alongside.

Soil sandy.  
~~Sugar rolling. No timber~~

N. bet. sec. 1 & 6,  
Twp. 14° 8' E.

Over valley land

4000 Set a sandstone  
20 x 12 x 8 ins, 15 ins,  
in the ground for  
1/4 cor, marked  
4/4 on N. face, dug  
pits 18 x 18 x 12 ins  
N. & S. of stone, 5 1/2 ft,

E. By 9, 20, N, R, 19, E.  
chains

dist., & raised a mound of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base along side  
80,000 Intersect 5<sup>th</sup> Standard N, at a point 11, 96 chs. West, of standard cor. 10 Chs, 21, N, R, 19 & 20 E, previously established by me, when I set a sandstone  $14 \times 12 \times 1\frac{1}{2}$  in, 9, in, in the ground for closing cor. 10 Chs 20 N, R, 19 & 20 E, marked @, @, with 6 notches on E & W edges, dug pits


E. Big T, 20, N, R, 19, E  
chains

24 x 18 x 12 ins, cross-  
wise on each line  
Q. C. & N. of Stone, 6  
ft. dist. & raised  
a mound of earth  
2½ ft. high, 15 feet  
base along side,

Soil sandy

Surface rolling valley ~~with~~

Oct, 19, 1882,



E. 13 $\frac{1}{2}$ , T. 20, N. R. 18, E.  
 Charius

From the cor. to Tps.  
 19 & 20 N. R's. 18 & 19  
 E, which is a sand-  
 stone 12 x 12 ins, properly  
 set notched & marked  
 & with pits & mound  
 of earth. I run  
 N. bet. Secs. 31 & 36,  
 Var. 14° 30' E.

Over flat sandy soil  
 24, 50 have flat, bet. N. 15° E,  
 ascend gradually.

40, 00 Set a lava rock 14 x  
 10 x 6 ins, 9 ins, in the  
 ground for  $\frac{1}{4}$  sec. cor.  
 marked  $\frac{1}{4}$  on N. face,  
 dug pits 18 x 18 x 12 ins  
 N. & S. of stone, 5 $\frac{1}{2}$   
 ft. dist. & raised a

E. Big 9, 20 N, R. 18, E.  
Chairs

mound of earth  $1\frac{1}{2}$   
ft. high,  $3\frac{1}{2}$  ft. base  
alongside,

80,00 Put a sandstone 21  
 $\times 10 \times 10$  ins, 15 ins, in  
the ground for ev. 10  
res, 25, 30, 31, 7, 36,  
marked with 1 notch  
on S, & 5 notches on  
N, edges, dug pits 18  
 $\times 18 \times 12$  ins, in each  
res,  $5\frac{1}{2}$  ft. dist., and  
raised a mound  
of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base alongside

Fair grazing  
Surface flat. Soil 3<sup>rd</sup> Rate  
no timber

E. By S. 20 N., R. 18, E,  
Chains

N, bet, sec, 25 & 30

var,  $14^{\circ} 9' E$ ,

ascending gradually

3,000 Top of hill, bet, N, E, &  
S, W, over table land

4,000 Set a sandstone  $14 \times 10$

$\times 8$  ins, 9 ins in the  
ground for  $\frac{1}{4}$  sec. cor,  
marked  $\frac{1}{4}$  on N. face,

dug pits  $18 \times 18 \times 12$  ins,  
N. & S. 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  
along side,

8,000 Set a sandstone  $14 \times$

$12 \times 8$  ins, 9 ins, in

the ground for cor,

to sec, 19, 24, 25, & 30,



S. Rij T, 20 N, R, 18, E,  
Chains

marked with 2 notches  
on O, & 4 notches on  
N, edges, dug pits 18x  
18x12 ins, in each  
sec,  $5\frac{1}{2}$  ft, dist, &  
raised a mound  
of earth 2 ft, high,  
 $4\frac{1}{2}$  ft, base along side  
Surf. Prolij. Lond & rivu  
Side of

N. bet, sec, 19 & 24

Var,  $14^{\circ} 30' E$

Over high table land

4000 Set a sandstone 20  
x 12 x 8 ins, 15 ins, in  
the ground for  $\frac{1}{4}$  sec,  
cor, marked  $\frac{1}{4}$  on N,  
face, dug pits 18x18x  
12 ins, N, & S, of Town

E. Ry T, 20 N, R, 18, E,  
chains

5½ ft, dist, & raised  
a mound of earth 1½  
ft, high, 3½ ft, base  
alongside,

8000 Set a sandstone 20  
x 12 x 8 ins, 15 ins, in  
the ground for cor. to  
rees, 13, 18, 19 & 24,  
marked with 3 notches  
on E, & Wedges, dug  
pits 18 x 18 x 12 ins, in  
each ree, 5½ ft, dist,  
& raised a mound  
of earth 2 ft, high  
4½ ft, base alongside.

Oil sandy  
surface table low. Set 3 p.m.  
no. 1000

C. By T. 20 N, R. 18. E,  
chains

u. brt. ces. 13 x 18

Ray  $14^{\circ} 3' E$

Over high table land

4000 Out a sandstone 14

x 10 x 3 ins, 9 ins, in  
the ground for  $\frac{1}{4}$  sec,

or, marked  $\frac{1}{4}$  on N,

face, dug pits 18 x 18

x 12 ins, N x S, of

low,  $3\frac{1}{2}$  ft, dist, &

raised a mound of  
earth  $1\frac{1}{2}$  ft, high,

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

4100 Over high table land

trs. N. E. & O. N.

descend

3950 Cross wash 250 lts

wide, course N.  $80^{\circ}$  W,

ascend,

E. By T. 20 N., R. 18, E.,  
chains

80.00 Put a sandstone 13 x  
12 x 8 ins, 8 ins, in  
the ground for cor,  
to sec. 7, 12, 13, x 18,  
marked with 4  
notches on E. and  
2 notches on N. edges,  
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 along side,  
Surface light table land, Soil 3' beds  
erosion fair no timber

N. bet. sec. 7 & 12,  
Tan, 14° 8' E,  
Ascepling.

16.00 Top of hill 60 ft.

E. By T. 20 N. R. 18, E,  
chains

high, trs. E & W,  
Miscellaneous

40,000 Cut a sandstone  
10 x 10 x 6 ins, 6 ins,  
in the ground for  
 $\frac{1}{4}$  sec. cor, marked  
 $\frac{1}{4}$  on N. face, dug  
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  
along side.

54,000 Entire flat, 40 ft. deep  
trs. N. E. & O. W.

80,000 Cut a sandstone 12  
x 10 x 8 ins, 8 ins, in  
the ground for cor,  
to sec. 1, 6, 7, & 12,

O. By T. 20 N. R. 18. E.  
chains

marked with 5 notches  
on O, and 1 notch on  
N, edges, dug pits  
18x18x12 ins, in  
each sec, 5½ ft,  
dist, & raised a  
mound of earth  
2 ft, high, 4½ ft,  
base along side.

5  
*Summit taken. Soil & veg. Spacing same  
no markers*

N. bet. sec. 1 & 6,

Var. 14° 0' E,

over flat country

29,80 Enter wash, O, N, in bend

38,00 leave " " E. " "

40,00 Put a sandstone 18

x12x8 ins, 12 ins,

in the ground for

¼ sec. cor, marked

C. By T. 20 N. R. 18. E.  
chains

$\frac{1}{4}$  on W. face, dug  
pits  $18 \times 18 \times 12$  ins. N  
& S. of town;  $5\frac{1}{2}$  ft,  
dial; & raised a  
mound of earth  $\frac{1}{2}$   
ft. high,  $3\frac{1}{2}$  ft. base  
along side.

79,94

Intersect  $5^{\text{th}}$  Standard  
N. at a point - 15.81,  
chs. N. of Standard  
cor. to Tps. 21, N. R's,  
18 & 19 E. previously  
established by me,  
when I set a sand-  
stone  $18 \times 12 \times 12$  ins,  
12 ins in the ground  
for closing cor. to  
Tps. 20, N. R's, 18 & 19  
E. marked C.C.

C. By O, 20 N, R. 18, E,  
chains

with 6 notches on  
O, E, & W. edges, dug  
pits  $24 \times 18 \times 12$  ins  
crosswise on each  
line, O, E, & W. of  
town, 6 ft. dist. &  
raised a mound  
of earth  $2\frac{1}{2}$  ft. high,  
15 ft. base along each

Soil sandy  
Super rolling soil <sup>4<sup>th</sup> Nat</sup>  
no timber

Oct, 20, 1882,



E. By T. 20 N., R. 17, E,  
chains

From the cor. to Sps.  
19 + 20 N., R's, 17 + 18  
E, which is a sand-  
stone 12 x 10 ins, pro-  
perly set & marked,  
and with pits & mound  
of earth alongside,  
I run

N. bet. sees 31 + 36

var.  $14^{\circ} 10'$  E,

over high table land

4000 Set a sandstone 18 x  
6 x 5 ins, 12 ins, in  
the ground for  $\frac{1}{4}$  sec,  
cor, marked  $\frac{1}{4}$  on N,  
face, dug pits 18 x 18 x  
12 ins, N. & S. of stone,  
 $5\frac{1}{2}$  ft. dist, & raised  
a mound of earth

E, By 9. 20 n, R, 17, E,  
chains

$1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$  ft. base  
alongside.

54.00 Foot of hill brs, E & W,  
ascend.

60.00 Top of hill brs, E & W,  
& descend, Hill 50 ft.  
high.

80.00 Put a sandstone 10  
 $\times 8 \times 8$  ins, 6 ins, in the  
ground for evr, to see,  
25, 30, 31 & 36, marked  
with 1 notch on E, and  
5 notches on W, edges  
dug pits  $18 \times 18 \times 12$  ins  
in each see,  $5\frac{1}{2}$  ft,  
dist, & raised a mound  
of earth 2 ft, high,  $4\frac{1}{2}$   
ft, base alongside  
Soil sandy  
Surface rolling

E. Ry. T. 20 N. R. 17. E.

Chains

Grazing good  
no timber

N. bet. secs, 25 & 30

Var.  $14^{\circ} 10' E$ ,

over high table land

13,00 leave high table land

tr. E. & W. & descend

21,54 Cross wash, 50 lks, wide  
 course S. E.

40,00 Set a sandstone  $14 \times$   
 $12 \times 10$  ins, 9 ins, in  
 the ground for  $\frac{1}{4}$  sec,  
 cor. marked  $\frac{1}{4}$  on N,  
 face, dug pits  $18 \times 18 \times$   
 $12$  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  
 alongside.

E. Ry O. 20 N. R. 17. E.  
chains

49.65 Cross wash 10 lks. wide  
course S. W.

8000 Det a lava rock 10 x  
10 x 8 ins. 6 ins. in the  
ground for cor. to sees  
19, 24, 25, & 30, marked  
with 2 notches on O,  
& 4 notches on N. edges,  
dug pits 18 x 18 x 12 ins.  
in each see, 5 1/2 ft.  
dist. & raised a mound  
of earth 2 ft. high 4 1/2  
ft. base along side,  
Slope high table land, some plowing  
Soil 3' cut no timber

N. bet. sees, 19 & 24  
Var, 13° 54' E.

over rolling country  
4000 Det a sands low 20

E. By O, 20 N, R, 17. E.  
Chains

x 10 x 6 ins, 15 ins, in  
the ground for  $\frac{1}{4}$  sec,  
cor, marked  $\frac{1}{4}$  on N,  
face, dug 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  
along side,

62.00 Top of table land, 40 ft,  
high, hrs. E. & N,

80.00 Put a sandstone 10 x  
8 x 8 ins, 6 ins, in the  
ground for cor, to sec,  
13, 18, 19 & 24, marked  
with 3 notches on S,  
& N, edges, dug pits 18 x  
18 x 12 ins, in each  
sec, 5  $\frac{1}{2}$  ft. dist, and

E. Ry. G. 20, N. R. 17. E.  
Chairs

raised a mound of  
earth 2 ft. high,  $4\frac{1}{2}$   
ft. base along side  
*Staph. selling, grazing for soil what  
is timber*  
N. bet. trees,  $13 \times 18$ ,  
Var,  $13^{\circ}54' E$ ,

over high table land  
4000 Put a sandstone  $12 \times$   
 $12 \times 9$  ins, 8 ins. in the  
ground for  $\frac{1}{4}$  cor, cor,  
marked  $\frac{1}{4}$  on N. face,  
dug pits  $18 \times 18 \times 12$  ins,  
N. & S. of stone,  $3\frac{1}{2}$  ft.  
dist, & raised a mound  
of earth  $1\frac{1}{2}$  ft. high,  
 $3\frac{1}{2}$  ft. base along side.  
8000 Put a sandstone  $20 \times$   
 $12 \times 8$  ins, 15 ins, in  
the ground for cor,

E. By T. 20, N. R. 17, E.  
chains

To sec. 7, 12, 13 & 18,  
marked with 4 notches  
on O, & 2 notches on N,  
edges, dug pits 18x18x  
12 ins. in each sec,  
5½ ft. dist, & raised  
a mound of earth  
2 ft. high, 4½ ft.  
base along side.  
 Surface light table land. especially fair soil. No timber

N. bet. sec. 7 & 12,

var. 140 E.

One high table land

4000

bet a sandstone 13x  
12x8 ins, 9 ins. in the  
ground for ¼ sec. cor,  
marked ¼ on N. face,  
dug pits 18x18x12 ins,  
N. & S. of stone, 5½ ft.

E. By T. 20 N. R. 17. E.

Chairs

dist. & raised a mound  
of earth  $1\frac{1}{2}$  ft. high,  $3\frac{1}{2}$   
ft. base alongside.

4100 Leave table land brs. E. & W.  
descend into rough  
broken bad lands

8000 Put a sandstone  $14 \times$   
 $12 \times 8$  ins, 9 ins. in the  
ground for cor. to see,  
1, 6, 7, & 12, marked  
with 5 notches on S,  
& 1 notch on N. edges,  
dug pits  $18 \times 18 \times 12$  ins,  
in each see.  $5\frac{1}{2}$  ft.  
dist. & raised a  
mound of earth  
2 ft. high,  $4\frac{1}{2}$  ft.,  
base alongside.

Soil sandy  
surface high table land  
no m



E. By T, 20, N, R, 17, E,  
chains

Good Grazing  
no timber

N. bet. sec. 1 & 6,

Var. 14° E,

Descending through  
rough broken bad  
lands.

3670 Cross wash 25 lks, wide,  
and ascend.

4000 Put a sandstone 14 x  
12 x 8 ins. 9 ins. in the  
ground for  $\frac{1}{4}$  sec. cor,  
marked  $\frac{1}{4}$  on N. face,  
dug 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 along side

7964 Intersect 5<sup>th</sup> Standard

E. Ry. T. 20 N. R. 17. E.

N. 20. 63 chs. west of  
 Standard Cor. to Tps. 21,  
 N. Rs. 17 & 18, E. previously  
 established by me,  
 where I set a sandstone  
 29 x 12 x 10 ins. 15 ins. in  
 the ground for closing  
 cor. to Tps. 20 N. Rs.  
 17 & 18, E. marked C.C.  
 with 6 notches <sup>24x</sup> on S. E. & N.  
 edges, dug pits, 18 x 12 ins.  
 crosswise on each  
 line S. E. & N. of stone,  
 6 ft. dist. & raised  
 a mound of earth 2 1/2  
 ft. high, 5 ft. base  
 along sides. <sup>little</sup>  
 Surfa rough broken bad lands. ~~stone~~ <sup>fragm</sup>  
 Not timber

Oct. 21, 1882.

S. By T. 20 N, R. 17, E,  
chain,

From the cor. 15. Obs,  
19 + 20 N, R's, 17 + 18  
E, I run west on a  
random line bet-  
said Obs. <sup>var. 14° 10' E,</sup> bet. <sup>14° 10' E,</sup> <sup>14° 10' E,</sup>  
vary half-mile + mile  
corners at each 40 +  
80 chs, I find the  
township line to be  
5 miles + 87, 73 chs,  
long + the falling to  
be 75 lks. N. of cor. to  
Obs. 19 + 20 N, R's,  
16 + 17, E.

Thence I run  
N. 89° 55' E <sup>on a true line</sup> bet. Secs. 6 + 31,  
var. 14° 10' E,

over rolling country  
47,73 bet a lava stone 24 x

S. By, T, 20. N, R, 17, E,  
Chains

10 x 3 ins, 18 ins, in the  
ground for  $\frac{1}{4}$  sec. cor,  
marked  $\frac{1}{4}$  on N. face,  
dug pits 18 x 18 x 12 ins  
E & W, of @ 10 in 5  $\frac{1}{2}$  ft,  
dist, & raised a  
mound of earth 1  $\frac{1}{2}$   
ft. high, 3  $\frac{1}{2}$  ft. base  
along @ side,

84.73 Put a sandstone 20  
x 15 x 10 ins, 15 ins, in  
the ground for cor 10  
secs, 31, 32, 5 & 6, marked  
with 3 notches on E, &  
1 notch on W, edges,  
dug pits 18 x 18 x 12 ins  
in each sec, 5  $\frac{1}{2}$  ft,  
dist, & raised a  
mound of earth 2 ft

S. By 9. 20 m R. 17. E.  
chain

high  $4\frac{1}{2}$  ft, base along  
side, <sup>Land clearing, rolling soil & grade</sup>  
<sub>erecting fair no timber</sub>

N. 89° 35' E, on a true line lat Dec. 5732  
Val, 14° 10' E,  
~~lat, Dec. 5732~~

over rolling country

3000 Enter bad lands, trs. N. & S.

4000 Put a sandstone 14x  
12x8 ins, 9 ins. in the  
ground for  $\frac{1}{4}$  sec. cor,  
marked  $\frac{1}{4}$  on N. face,  
dug pits 18x18x12  
ins. E. & W. of stone  $3\frac{1}{2}$   
ft. dist, & raised a  
mound of earth  $1\frac{1}{2}$   
ft. high,  $3\frac{1}{2}$  ft. base  
along side.

6000 Top of hill, trs. N. & S.

S. By Q. 20 N. R. 17. E.  
Chains

8000 over rolling land  
 set a sandstone 12x  
 12x8 ins, 8 ins, in the  
 ground for cor. to veg  
 32, 33, 4 & 5, marked  
 with 4 nolets on E,  
 & 2 nolets on N. edges  
 dug pits 18x18x12 ins  
 in each cor. 5 1/2 ft,  
 dist; & raised a  
 mound of earth 2  
 ft. high 4 1/2 ft. base  
 along side <sup>land not rolling</sup>  
~~along side~~ <sup>spring fair</sup>  
~~no timber~~ <sup>slit 3" j.d</sup>

N. 89° 55' E on a true line bet Sec 4 & 33  
 var. 14° 10' E  
~~set pegs 4 & 33,~~

4000 over high rolling land  
 set a sandstone

S. Ry 9, 20 N, R. 17, E

chains

14 x 12 x 10 ins, 9 ins, in  
the ground for  $\frac{1}{4}$  sec,  
cor, marked  $\frac{1}{4}$  on N,  
face, 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 along side

80,00 set a sandstone  
20 x 10 x 10 ins, 15 ins,  
in the ground for  
cor, 15 sec, 33, 34,  
3 & 4, marked with  
3 matches on E, N,  
edges, dug pits  
18 x 18 x 12 ins, in  
each sec, 5  $\frac{1}{2}$  ft,  
dist; and raised

S. By G, 20 N, R. 17, E  
 Chains

a mound of earth  
 2 ft. high  $4\frac{1}{2}$  ft. base  
 along side

Surface rolling Soil  $3\frac{1}{2}$  ft. deep. Grazing fair  
 no timber

N,  $89^{\circ} 55'$ , E, mature timber bet. lines.  $3\frac{1}{2}$  34

var,  $14^{\circ} 10'$  E,

~~bet. lines, 3 x 34~~

over high rolling lawn  
 soil sandy.

4000 Put a sandstone 14  
 x 10 x 8 ins, 9 ins, in  
 the ground for  $\frac{1}{4}$  sec,  
 or, marked  $\frac{1}{4}$  on N  
 face, dug pits 18 x 18  
 x 12 ins, E x 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 along side



S. By T. 20. N. R. 17. E

Chains

8000 Set a sandstone 20  
 x 12 x 8 ins, 15 ins. in  
 the ground for cor,  
 10 sec, 34 & 35, 2 & 3,  
 marked with 2 notches  
 on E, & 4 notches on  
 W. edges, dug pits  
 18 x 18 x 12 ins. in  
 each cor. 5 1/2 ft,  
 dist; & raised a  
 mound of earth  
 2 ft. high 4 1/2 ft,  
 base along side  
 Singa rolling, sand 3 ft high no timber

N. 89° 55' E, on a true line bet. Decs. <sup>2 & 3</sup> 5  
 Var. 14° 10' E

~~bet. sec. 2 & 35,~~  
 over high rolling land

4000 Set a sandstone

S. By T. 20, N. R. 17 E.  
Chains

17 x 12 x 10 ins, 11 ins, in  
the ground for  $\frac{1}{4}$  sec. cor,  
marked  $\frac{1}{4}$  on N. face,  
dig 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  $5\frac{1}{2}$  ft. base  
along side

8000 Put a sandstone 12  
x 12 x 10 ins, 8 ins, in  
the ground for cor,  
to sec. 35, 36, 1 & 2,  
marked with 1 notch  
on E. & 5 notches on  
W. edges, dig pits  
18 x 18 x 12 ins in  
each sec.  $5\frac{1}{2}$  ft. dist,  
& raised a mound

S. By. T. 20, N. R. 17, E.  
chains

of earth 2 ft. high  
 $4\frac{1}{2}$  ft. base along side  
 Surface falling. Soil 30 pds. freezing fair  
 no timber  
 N.  $89^{\circ} 55'$  E. <sup>or true line</sup>  
 , bet. Secs. 1 & 36

Var.  $14^{\circ} 10'$  E,  
 over high table land  
 11,000 heavier high table land  
 trs. N. & S.

36,000 Cutw @ ag, trs. @

4,000 Put a sandstone 13  
 $\times 12 \times 8$  ins, 8 ins, in  
 the ground for  $\frac{1}{4}$  sec  
 or, marked  $\frac{1}{4}$  on  
 N. face, dug pits 18  
 $\times 18 \times 12$  ins, E. & W.  
 of stone  $3\frac{1}{2}$  ft. dia  
 & raised a mound  
 of earth 2 ft. high  $4\frac{1}{2}$   
 ft. base along side

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BOOK 1309

S. Ry, T. 20, N. R. 17, E,  
Chains.

5500 heavy sag, frs, S  
66,50 Top of hill, frs, N, & S,  
over high table land  
8000 The cor, to Tps, 19 &  
20, N, R's, 17, & 18,  
E, from which I  
started, <sup>Surface rolling</sup>  
<sub>Soil & prod. going fair</sub>  
Oct 23<sup>d</sup> 1882,

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For final oaths  
see last book (N<sup>o</sup> 17)  
of survey

U. S. Surveyor General's Office,

TUCSON, ARIZONA, April 19, 1883

The foregoing Field Notes of the Survey of the  
Exterior Lines of Sp. 20 N. Co. 17, 18,  
19, 20 & 21 E. And  
Sp. 20, 21 & 22 N. Co. 22, 23  
and 24 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-  
ted by Frank Follman  
Deputy Surveyor, under his contract of the 29<sup>th</sup>,  
day of July, 1881, having been  
critically examined and the necessary corrections and explana-  
tions made, the said Field Notes and the surveys they describe  
are hereby approved.

J. M. Roberts  
Surveyor General.