

364

BOOK 364

364

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
S U B D I V I S I O N L I N E S
O F

Township 20 North, Range 24 East.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Frank Fallman, D. S., under
Contract dated July 29th, 1882.
Survey commenced Oct. 4, 1882.
Survey completed Oct. 10, 1882.

Indexed

~~Book No. 4,~~

No-364

Field Notes

OF THE SURVEY OF THE

SUBDIVISION LINES

- OF - **BOOK 364**

Township *20 N.*, Range *24 E.*

Gila and Salt River Base and Meridian

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No-364

1A

INDEX.

Township 20 N., Range 24 E.,

BOOK 364 Gila and Salt River Meridian.


6	89	5	64	4	48	3	32	2	15	1
— 88	— 86	— 62	— 47	— 30	— 14					
7	85	8	61	9	46	10	29	11	13	12
— 83	— 82	— 60	— 45	— 28	— 11					
18	81	17	59	16	44	15	27	14	10	13
— 79	— 78	— 57	— 43	— 26	— 9					
19	76	20	56	21	42	22	25	23	8	24
— 75	— 73	— 55	— 40	— 23	— 6					
30	71	29	54	28	39	27	22	26	5	25
— 70	— 69	— 52	— 38	— 20	— 4					
31	67	32	51	33	34	34	19	35	2	36

Referring the lines to the pages of the field notes.

No- 364

13

For preliminary oaths
and list of assistants
see first, book (N^o: 1)
of survey. -



T. N. R. 24 E
 Gila & Salt River meridians

From the Cor + Sec 1-2

35 + 36 on the South

Boundary of the Township
 which is a good line
 properly marked set ^{posts and} ^{corn}
 in the form with ^{posts and}
 of eight along side

From north to Sec.

35 + 36

as per ^{13' 56' East}
 Over high Prairie ^{Calais, Cambria,}
 County

4000 ft a Pond stone 13x10y 8
 ins of this in the form for 1/4

T. 21 N. R. 24 East 4000

Chowin

See Cor marked $\frac{1}{4}$ on W,
faced by pits $18 \times 18 \times 12$ in
N + S. of R 10w $5 \frac{1}{2}$ ft. dist
and raised a mound of earth
 $1 \frac{1}{2}$ ft high $3 \frac{1}{2}$ ft to along side

7000

Love Prairie land bus
E + W. + enter rough broken
land

8000

See a round stone $20 \times 10 \times 3$
in 15 in in the sand for Cor
to Sec. 25-26-35 + 36 marked
with 1 notch on E + S edges by
pits $18 \times 18 \times 12$ in in each SW
 $5 \frac{1}{2}$ ft dist + raised a mound
of earth 2 ft high $4 \frac{1}{2}$ ft

See along side
Prairie land, Fair grazing
super valley

J. 20 N. R. 24 E. Cont.

Chowin

East on a road in line
bet. Secs. ^{130° 56' East} 25 & 36

Over rough broken country

11.00 Stand back for N.E. & S.W.
and over high prairie land.

40.00 At temporary $\frac{1}{4}$ Sec. cor.

86.13 Intersect of boundaries of
Township 18 N. R. 24 E.
of Cor. to Secs. 25 - 30 & 31 & 36
previously established by me
thence I run N. 89° 52' W.

to a true line bet. Secs.
25 & 36 with some Va.

40.07 At 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
by pits 18 x 18 x $\frac{1}{2}$ ins E & W of
stone $5\frac{1}{2}$ ft. dist & corner on
mound of earth $1\frac{1}{2}$ ft. high

D

BOOK 364

J. 20 N. R. 24 E Creek

Chowies

3 1/2 ft basal mayside
 80.13 The Art. Sec 25-26-35 & 36
 Surface broken
 Soil 4' & 6' probe frozen fair

North of Sec 25 & 26

Cor. 13' 56' Each

Over rough broken surface

17.00 Top of high point of E & W,
 and descent

40.00 At a sand stone 20 x 10 x 6
 in 13' in the ground for 1/4 ft
 Cor marked 1/4 on W. face
 Aug pits 18 x 18, 2 in NW,
 of stone 5 1/2 ft - dug on
 ground a mound of about 1 1/2 ft
 high 3 1/2 ft from alongside

61.50 Cross by road 3 1/2 ft wide
 Cross N. W.

73.00 Top of 2 pits E & W.

T. Do N R 24 E, Cook

80.00 like sand str. 13x10x 8 in
 pins in the front for Cw to Sec
 23-24-25 & 26, marked
 with 1 notch on E & 2 notches
 on S. rayon dry pit 18x18x12
 in in each sec. 5' up. disk
 & raise a mound of earth
 2 ft. high 4 1/2 ft. from along side
Surge rough & broken
and 4' wide

East on a random line bet Secs
 24 & 25

Var, 13' 56' E each

Over Rough Broken Country
 Ascending

31.00 Cross dry ~~mark~~ 35 lks Mill Cross
 N & W.

40.00 Set temporary 'Public' Cor

S. 20 N. R 24 East Cook

chain
65.00 Top of hill Bcs N + S and
over high Prairie level

80.12 Intersect E boundary of
Township 17 lks south of Cor
to Secs 19-24-25 + 30 previously
established by run

thence S on S. 89° 53' W,

On a true timber line Secs
24 + 25 with down & W.

40.06 A 4" round stem 12 x 10 x 8 in
8 in, in the ground for 1/4 Sec.
Ar. marked 1/4 on N. boundary
pit 18 x 16 x 12 in S. 20 of Sec
1 1/2 ft. dia. & saw in a row
of cut 1 1/2 ft. high 3 1/4 ft.
from alongside

80.17 The Cor & Secs 23-24-25 + 26
Surface rough & broken
Soil 4" from surface

T. 20 N., R. 24 E. Conk

Chain

North bet Secs. 23 & 24
1/4 Sec. 130 56' East

Ascend through Brakes

38.50 Cross dry wash 50 ft. wide
Corner N. W.40.00 Set a round stone 12 x 10 x 6 in
8 ins in the ground for 1/4 Sec. 130
marked 1/4 on ~~W~~ face dug pits
18 x 18 x 12 ins N + S. of stone 1/2
ft. diet & raise a row of
earth 1 1/2 ft. high 3 1/2 ft. on
alongside80.17 Set a round stone 20 x 10 x 6 in
15 ins in the ground for Cor. to Secs. 13-14
- 23 & 24 marked with 1 notch on
E & 3 notches on S. edges, dug
pits 18 x 18 x 12 ins in each Sec
3 1/2 ft. diet & raise a row
of earth 2 ft. high 4 ft. on alongside
5 in face of ~~stone~~ sandstone. Soil 4 sat.

7-

T. D. N. R. 2nd E. Cont

Chairs

East on a random line bet
Des, 3 + 24

Var 13' 56' E, ch

Ascend through rough
broken B. shales

40.00 Set temporary 1/4 Sec Cor

69.00 Top of hills Des N+S, about
150 ft. high above Sec Cor
and bend over high table land

79.80 Intersect E Boundary of Township
12 W. South of Cont Des.

13-18-19 + 24 previously
established by me

Thence on S 89° 55' W

On a true line bet Des

13 + 24 with same VA

89.90 Set a pond stone 17 x 10 x 8 in
12' N. in the post for 1/4 Sec cor
mark pond for day

J. 20 N. R. 24 E. Cont

chain

pts 18 x 18 x 12 ins E. 20 of stone
 1 1/2 ft. dist + raised a mound
 of earth 1 1/2 ft. high 3 1/2 ft
 from along side

7980

The Cert. Secs. 13 14 - 23 & 24
 Soil + grad. surface broken
 bad limits

North bet Secs 13 & 14

& Dr. 13° 56' East

Over rough broken surface

4600 Put a sand stone 13 x 10 x 8 ins

9 ins in the front for 1/4 of a car
 marked 1/4 on N. for a dry pit

18 x 18 x 12 ins N. & S. Deton 5 1/2
 ft. dist + raised a mound
 of earth 1 1/2 ft. high 3 1/2 ft
 from along side

4700

Cross dry with 20 ft. side
 Observe N.

J. To N. R. To E. Cont

Chairs

8000

Let a round stone 17 x 12 x 8 in
 13 ins in the front for Ch & Sec
 11-12-13 & 14 marked with
 1 notch on E. & 4 notches on
 S. edges, dug pits 18 x 18 x 12
 in; in each Sec 5 1/2 ft. dia
 & raised a mound of earth
 2 ft. high 4 1/2 ft. dia along side
 Superf. broken. Soil y^o fossils
 Bad lands

East on a round line bet
 Secs. 12 & 13

Mr. 13. 56' East

Ascending over rough Broken
 Surface

40.00 Let terraproy 1/4 Sec over

41.00 Foot of steep rocky Bluff
 Bro. N & S.

77.75 Top of high hill on N & S.

J. 20 N. R. 24 E. Cont

Chains

80.14 And over high table land
Intersect E Boundary of
Township 13 N. South of Cw
& Secs 7-12-13 & 18 previously
established by me

Thence 12m S $89^{\circ}54' W$,

On a line bet Secs
12 & 13 with Iron P.N.

40.07 On a round stone 14x10x8 ins
10 ins in the front for $\frac{1}{4}$ Sec Cw
marked $\frac{1}{4}$ on N boundary pt.
18x18x12 in E & W. of stone $5\frac{1}{2}$
ft. dist & said a row of
certain 11-ft. high $3\frac{1}{2}$ ft. trees
along side

80.14 Thence to Secs 11-12-13 & 14
Surf broken. Soil & grass
No timber

T. 20 N., R. 24 E., Crank

Chowin

North bek, Secs 11 + 12

24r. 13' + 6' East

Over rough broken surface

40.00 Set a pair of pit traps with
 14 x 14 x 12 ins of wire in the
 front for $\frac{1}{4}$ sec. wire, marked
 $\frac{1}{4}$ out of face dry pit 18 x 18 x 12 ins,
 N + S. of stem 5 $\frac{1}{2}$ ft. dist and
 equid a row of vert 1 $\frac{1}{2}$ ft
 high 3 $\frac{1}{2}$ ft. from along side

34.00 Over Carizzo Creek 1500 chm
 with Crown South 30° W.

20.00 Set a pond stem 14 x 12 x 8 in
 10 in in the front for $\frac{1}{4}$ sec
 1-2-11 + 12 marked with 12 inch
 on E. + S. notches on S. edges
 dry pit 18 x 18 x 12 ins in each
 Sec 5 $\frac{1}{2}$ ft. dist + raised a
 row of vert 2 ft high

J. To N R 24 E. Cook

Choir

4 1/2 ft. ~~long~~ along, id
 Surface broken soil 4 to 5 ft
 No timber

+

East on a random line bet
 Sics 1 + 12

Dir. $13^{\circ} 56'$ East

Abund gradually over rough
 broken surface

29.72 Cross Carrig. Creek 150 lks
 mid. Coun S. W.

40.00 Lit temporary typic ar.

8017 Interest E B boundary of
 Township 13 lks S. of Cent Sec
 1-6-7 + 12 previously established
 to me

Thence I run $S. 89^{\circ} 54' W$,

on a true line bet Sics

1 + 12 mit from VA.

40.08 Lit a sand stone $14 \times 12 \times 8$

J. D. N. R. 24 E Cont

Chain

is 10 in in the post for $\frac{1}{4}$ Sec
 An marked $\frac{1}{4}$ on N face of
 pit 15 x 12 in E of N of chain
 $5\frac{1}{2}$ ft. dia. + contains a mound
 of earth 11" ~~dia.~~ high $3\frac{1}{2}$ ft. dia.
 along side

80.17

The Art Secs 1-2-11-12
 Surfer broken, soil $\frac{1}{4}$ a grade
 No timber

N. on a true line bet. sec.
 1 & 2,

Var, $13^{\circ} 56' E$,

25,00 Foot of bad lands,

40,00 Put a sandstone $13 \times 10 \times$

6 in, 7 in, in the ground
 for $\frac{1}{4}$ sec. cor, marked $\frac{1}{4}$

J. To N. R. Int E. Crank

Chains
61.00

Top of hill by NW, & S.E. &
Descent

81.45

Intersect N Boundary of Arushy

5.43 chains East of Standard
Cor, & Secs, ~~35~~ 35 - & 36 5th

Standard N, previously established
by me, which I set a Lora

Rock 12 x 12 x 8 ins 9 ins in
the front for Closing Cor, & Secs
1 & 2, marked C.C. with

1 notch on E & 5 notches on W,
edges, dug pits, 18 x 18 x 12 ins

S. E & W of stone 5 1/2 ft. dia.

and raised a mound of earth
8 ft high 4 1/2 ft. diameter with

surface broken. Soil & 1/2 rat
No timber

There is

At a further 1/2 Secs

1 & 2 with some VA

17
 J. To N. R 24 E. Cont

Choir
 40.00

~~Like pond stone 13 x 10 x 6 in
 9 mass in the pond for the Dec. Car
 marks 1/4 in w/for dry pit
 8 x 18 x 12 in 27 x 17 ft stone 5 1/2 ft
 dist & same in a mound of
 salt 1 1/2 ft high 3 1/2 ft from
 Alway's side~~

\$1.45 In Cr & Lues 1-2-11 & 12

Oct 4th 1882

S. 20 N. R. 24 E. Cont

chain

I carefully examined & adjusted my solar compass, today, particularly the latitude & ranging apparatus & from the Creek,

From the Cr. to Sec 2-3-34
& 30 on S. Boundary of Township
which is a good stone
properly marked with
pickets in salt with
pits & mound of earth
alongside.

19
J. D. M. R. 21 E. Cont

Choir

Sum North bek, Sves 34 + 35

Dr, 3° 56' E over

Des and ~~the~~ ^{over} Brakes

40.00 Let a round stem 20 x 10 x 6
ins, 15 ins in the joint for
1/2 Sec. Or. marked 1/4 on N. for
day pit 18 x 10 x 12 ins N. S. of Stone
I left ditch & paved a mound
of earth 1 1/2 ft high 3 1/2 ft across
along side

53.00 Crossing wash 50 lks mid
Cous. N. W.

60.00 Top of rocky hill

73.00 Crossing wash 50 lks mid
Cous. N. and
Ascend

80.00 In a sandstone 13 x 10 x 6 in
ins 9 ins in the joint for
Chr to Sec. 26-27-34 + 35

S. to N. R. Dry E Cont

Kovir

marked with 2 notches on
 E & 1 notch on S edge,
 and raised a mound of ^{stones} earth
 2 ft high ^{at base} ^{at top}
 Pits impracticable
 Bad lands. Soil 4 to 6 ft
 No timber

East on a random line
 bet Seas 26 & 30

Way 13° 56' East

Ascend on rough broken country

30.00 Top of high spur to N. S.

37.00 Cross dry wash 2500 ft wide

Crosser N and

Ascend

42.00 At temporary 1/4 sec over

43.00 Top of hill bet N & S over
 broken country

48.75 Dismount, paint a stone

24

T. 20 N., R 24 E Cont

chain

Cabin Pt., S. 8° W., 1 chain
dist. is Hopkin's Ranch

80.17

Intersect N + S. line 17 lks
S. of Cor & Secs 25-26-35 & 36
Then Sec S. 89° 53' W.,
On a line bet sec
26 & 35 with some PA.

40.08

Set a sand stone 12 x 10 x 6 in
8 in in the post for 1/4 in on
marked 1/4 on 22.5 on deep pit
18 x 18 x 12 in S + W of stone 5-11
ft. dist & cement a mound
of earth 1 1/4 ft. high 3 1/4 ft
long

80.17

The Cor & Secs 26-27-34 & 35
Rough Surface Soil 4th Rate
No timber

J. To M. R. 24 E. Cont

Chim

North bet Secs. 26 + 27
 Elev. 130 + 6' East

Ascending over breaks

250 Top of Rocky spur bet N + S. +
 descent

2642 Cross dry wash with mid
 corner N and

Ascend

3008 Top of spur, rocky hills bet
 N + S. and

Descend through breaks

4606 In sandstone 24 + 27
 vis 18 in in depth for 1/3 Sec
 Ch marks 1/4 a N. face dry
 pits 18 x 18 in N + S of stone
 H. dirt + 2 in a mound of
 earth 1/2 ft. high 3/4 ft. from
 along side

J. D. N. R. In E. Court

Chorus
 63.00 Enter flat bus E + N,
 80.00 Set a sand stone 18 x 13 x 11 ins
 12 ins in the front for Cart
 Dec. 22 - 23 - 26 + 27 marks
 with 2 notch on E + S edges
 dig pit 18 x 18 x 12 ins in each
 Set 5 1/2 ft. dist + cover a
 row of cart 2 ft high 4 ft
 across along side
 Broken surface. Soil 4 ft deep
 No timber

20

x
 East on a sandstone line to
 Dec. 23 + 26
 Apr. 1 3' 5 1/2' East

Over sandy flat
 14.00 Set flat bus N + S, and
 Ascend through bushes
 40.00 Set temporary 1/4 Sec. Cor.
 48.00 Print of map for N + S E

J. J. M. R. 221 E Cook

How
59.00 Cross dry work 50 lks with
Cours. N. W.

So. 14 Interior N + S. line 19
lks. N. of cut 23-24-25 + 26
True S. N. $89^{\circ} 52' N$,
Nathaniel bet Sec
23 + 26 with same Sta

40.07 like second stone 12 x 11 x 8
in 8 in in the ground NW 1/4
Sec 26 work 1/4 on N. face
dry pit 18 x 18 x 12 in E. of pit
5 ft dia & 20 in a row
of vert 1/4 ft. high 3 ft or
along side

So. 14 The Cut Sec 22-23-26 + 27
Surface broken, some flat
Soil 4th grade no timber

J. D. N. R Dry Creek

Choin

North bet Lics 22 + 23
Dr. 13° 56' East

Open family flat.

32.00 Cross rock 75 lks mid Cross
N. W.40.00 Set a sand stone 14 x 10 x 8
ins 10 ins in the front for 1/4 Sec
Cr. marked 14 on N. face dry
pit 18 x 18 x 12 ins N + S. of
stone 1/2 ft. dia + raised a
mount of silt 1 1/2 ft. high
3 1/2 ft. on along side42.00 Iron flat top E + W and
E side rough broken surface80.00 Set a sand stone 21 x 14 x 3 ins
13 ins in the front for Cor to Lics
14-15-22 + 23 marked with
2 notches on E + 3 notches on
S edge. dry pit 18 x 18 x 12

J. To M. R. and E. Cook

pins

ins, in each line 5 1/2 ft. dist
to point a mound of earth 2
ft. high & 1/2 ft. low along side
surface broken soil & ^{at grade}
no timber

East on arround timber
Lines 14 + 23

From 130 561 East

On rough broken surface

40.00 set temporary 1/4 in. line

79.84 timber set N + S. line 10 ft

S. of cor to lines 13-14-23 + 24

Then I set a line in S 89°

56' W, bet lines 14 + 23 with

from Pa.

39.92 set a corner stone 14 x 12 x 8 in 10 in

with the point for 1/4 in. line as marked

1/4 in N. Face dug pit 18 x 18 x 12

ins E + W of stone 0 1/2 ft dist

207

J. To N. R. P. E. Cont

Chains

5 1/2 ft. dia., & cement a row
of earth 1 1/2 ft. high 3 1/2 ft. long
alongside

7984

Mr Cor to Secs, 14-15-22-23
surface broken No timber. Soil 4 or 5 feet

North bet Secs 14 & 15
W. 13' & 6' East

9.00

Over rough broken country
Carrizo Creek 190 Ches bridge
to Secs 14 & 15

40.00

Set a round stone 15 x 12 x 8 in
10 in. in the front for 1/4 Sec
Cor. marked 1/4 on W. boundary
set 18 x 18 x 12 in stone of stone 5 1/2
ft. dia. & cement a row
of earth 1 1/2 ft. high 3 1/2 ft
long alongside

J. To N. R. 2nd E. Creek

Notes

80.00 Set a round stone 20 x 12 x 8 ins
 15 ins in the fur for cor t Secs
 10-11-14 & 15 marked with
 2 notches on E & 4 notches SW
 S. Edge. dug pit 18 x 18 x 12
 ins in each Sec 5 1/2 ft. dia
 & raised a mound of earth
 2 ft. high of 1/2 ft. dia along side
 surface broken. Soil 4 or 5 ft
 no timber

East on a round stone line bet Secs
 11 & 14

W. 130 S 61 East

Cher rough broken surface

40.00 Set temporary 1/4 Recker.

51.00 Cross Carriage cross 3.00

Cher wide above S. N.

80.13 Intersect N & S. line S. L. S. S.
 of cor t Secs, 11-12-13 & 14

29

T. 20 N. R. 24 E. Coat

Chorus

Thence S. 89° 37' W,
Oma thru line but lies
1/4 1/4 with some VA.

40.06

Set a pond stone N. 41° 0' 47' ins
10 ins, in the pond for 1/4 Sec cor
marks 1/4 in surface diff. pdi
18 x 18 x 12 ins E & W of spot
5 1/2 ft. dist & raised a small
of vertt 1 1/2 ft. high 3 1/2 ft. to an
along rd

80.13

Thence S. 10-11-14 & 15
Super Broken. Soil 4 ft. grade
No timber

x

North of Sec 10 & 11

N. 13° 56' East

Over rough broken surface

40.00

Set a pond stone 20 x 8 x 4 ins
13 ins in the pond for 1/4 Sec cor

J. 20 N. R. 24 E. Cont

Chasin

marked 1/4 on W. face dry pit
 18 1/2 x 12 in N + S of stone 5 1/2 ft. dia
 + raised a mound of earth 1 1/2
 ft. high 3 1/2 ft. base along side

80.00

Set a sandstone 13 x 10 x 8 in
 in the fur for Cont Sur

2-3-10 + 11 marked with 2
 notches on E. + 3 notches on S
 edges, dry pit 18 1/2 x 12 in
 in each S.E. 5 1/2 ft. dia and
 raised a mound of earth 2 ft.
 high 4 1/2 ft. base along side
 surface broken. Soil 4 or 5 ft. deep
 No timber

Easton a round low bank for Sur
 2 + 11

W 130 56' East

Over rough broken surface

40.00

Set temporary 1/4 Sec. Cor

J. D. R. R. M. E. Cont

Chain

3320 Cross dry road 1.00 Chm with
Cause S,

7990 Intersect N & S, line S Lks S,
of Cor & Sec. 1-2-11 & 12
thence S on S. 89° 57' W,
then turn line bet Secs
2 & 11 with S on 20

3995 In a sand stone 14 x 12 x 6
ins. 10 ins in the front for 1/4
R & C. marked 1/4 on the face
lay flat by 18 1/2 in E & W of stone
5 1/2 ft. dist & paint a mark
of center 1 1/2 ft high 3 1/2 ft long
along side

7990 In the Cor. & Secs 2-3-10 & 11
Survey taken, Soil 4 ft deep
No timber

To N.R. 2, E. Cont

BOOK 364

N. cut, sees 2, 3, 31A

var, 13' 5 6' E,

over rough broken surface,

4000 Set a sandstone 12 x 10
x 6 in, 8 in, in the ground
for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on N. face, dug pits. 18
x 18 x 12 in, N. & S. of stone,
3 $\frac{1}{2}$ ft. dia, & raised a
mound of earth 1 $\frac{1}{2}$
ft. high, 3 $\frac{1}{2}$ ft. base alongside,

BOOK 364

When I set a sand stone 14 x 10
x 10 in 10 in in the pit for
C.R. to Lies 2 + 3 ^(cc.) marked
2 notches on E. + 4 notches on W.
edges. dug pits 18 x 18 x 12 in. E &
S of stone 5 $\frac{1}{2}$ ft. dia & raised
a mound of earth 2 ft. high 4 $\frac{1}{2}$

J. To H. R. 24 E Cook

Chow

H. for aloupsid
 Oct. 5th 1882
 Sun for broken. Soil 4th rate no timber

I carefully examined the
 adjustments of my color
 compass today particularly
 the latitude & reversing
 apparatus & found them
 correct

J. W. N. R. 321 E. West

From

From the Cor to Sics 3-4-33+34
 on the South Boundary of the
 Township which is
 a Lava Rock properly
 marked and set firmly
 in fourth mound
 with pits

From N. bet Sics 33+34

Dir. $13^{\circ} 56'$ East

Over high Prairie

5.00

Edge of Bluff to E & W, &
 descend abruptly

40.00

Set a Lava rock $10 \times 10 \times 6$ ins

J. D. N. R. 24 E. Comb

shais

6 ins in the front for 1/4 Sec. 27
marks 1/4 in the face of the
By 18 x 12 ins the S of the 1/4
ft. dist + raised a mound of
earth 1 1/2 ft. high 3 1/2 ft. across
alongside

5000 Top of Bluff 40 ft. high Sec
27, and on the flat

8000 The sand stone N 410 x 6
ins. 10 ins in the front for Sec.
27-28-33 & 34 marked
with 3 notches on E. & 1 notch
on S. edge of the 18 x 12 ins
in each Sec 5 ft. dist at
raised a mound of earth
2 ft. high 4 1/2 ft. across
Dunbar well in, freezing fair
Died 3 1/2

S. 20 N. R 2nd E. Conn

Home

East on a Douglas fir det
 July 27 + 134
 W. 130° 56 East

Ascend Bluff

7000 ~~00~~ Top of Bluff (or spur) N
 It high trees S. N.

3200 Cross gulch 2000s mid
 Camp South

3900 Ridge has N + S. and
 Descend Bluff

4600 det temporary 1/4 Rec. Cor.

7900

—————
 OVEA
 —————

J. D. N. R. & E. Cook

Notes

East on a condor line

bet Secs 27 + 34

W 130 + 6' East

Over flat country Lower

stony soil

120.

Crossed road 30 E to mile
Cross N.

30.00

Entire road line bet N + S,

40.00

bet Compton 1/4 Sec Cor

58.00

Top of Bluff 100 ft high
bet. N + S,

80.10

Intersect N + S. line 9 E to S.

of art Secs 26-27-34 + 35

Thence down S, 89° 56' W,

Marked line bet Secs

27 + 34 with iron rod.

40.05

Set a iron rock N x S x P
mis 10 ris in the front of
1/4 Sec Cor. marked 1/4 on

39

BOOK 364

L. 20 N. R 24 E. Cont

hours

Wet area, dry pits 18 x 18 x 8 in
 E + N of stone 5 1/2 ft dia area
 raised a mound of earth 1 1/2
 ft. high 3 1/2 ft. from along side
 So. 10 the Cor. & Sta. 27-28-33 & 34
 Sample taken. Soil 4 ft. water frozen fair

North let Sec. 27 & 28
 No. 130 56' East

Descend

- 20.00 Enter flat, for S. 27.
 10.00 West of Bluff for S. 27.
 13.00 Top of Bluff 100 ft high for S. 27.
 16.00 Enter flat, for S. 27.
 37.00 Cross mark 3.00 chm wide
 40.00 Let. Lava rock 16 x 9 x 2
 in 12 in, in the form of 1/4
 Sec. Cor. marked 1/4 on W of
 dry pit 18 x 18 x 12 in N. of S. of

J. 20 N. R. 21 E cont

Notes

Ston 5 1/2 ft. dia + raised
a mound of earth 1 1/2 ft. high
3 1/2 ft. base along side

\$0.00

Set a round stone 14 x 10 x 6
ins in the ground for each to
Ses. 21-22-27 + 28 marked
with 3 notches on E + south
end edges. dig pit 18 x 18 x 12
ins in each line 5 1/2 ft. dia
+ raised a mound of earth 2
ft. high 4 1/2 ft. base along side
Surf rolling soil + rock, grass fair

East on a round line bet
Ses. 22 + 27

W. 13056' East

Over rough broken surface

40.00

Set temporary 1/4 line cor.

56.00

Cross Carriage Creek north

41

BOOK 364

T. 20 N. R. 22 E. Creek

chain

Over South-

89.02 Top of Knot

80/2 Intersect N & S. line 14 lks
South of last Secs 22-23-26 &
27Bearing from S: $89^{\circ} 54' W$

On a tree limb bet Secs

22 & 27 with from PD.

400.5 Sit a sand stone $12 \times 12 \times 8$ ins8 ins in the ground for $1/4$ rowOn marked by on N. from day
pts $14 \times 18 \times 2$ ins E & W of pt1/2 ft dist & raised around
front $1/2$ ft high 3' high from

Along side

80/2 Mark to Sec 21-22-27 & 28
Surge to low. Soil 4 ft deep
No timber

T. D. N. R. 24 E. Creek

Chairs

x - North of Secs 21 & 22

1 hr, 30 56. Each

Over rough broken surface (rocky)

4000

Set a round stone 12 x 10 x 6 ins
8 ins. in the ground for 1/4 sec
marked 1/2 on N. face by pit
18 x 18 x 12 ins N & S. of stone 5 1/2
ft. dist & raised a mound
of earth 1 1/2 ft. high 3 1/2 ft
over alongside.

8500

Set a round stone 40 x 10 x 4
ins 30 ins in the ground for
Secs 15-16-21 & 22 marked
with 3 notches on E & S. edges
dry pit 18 x 18 x 12 ins. in each
sec 5 1/2 ft. dist & raised a mound
of earth 2 ft. high 4 ft over
alongside.
Rough, rocky surface. Soil 4 ft. grade
No timber

T. W. N. R. In Cook

Chairs

East on a pond down line
bet Secs 15 & 22

W. $13^{\circ} 56'$ E. 6'

Over rough broken surface (rocky)

40.00 1/4 sec on

53.90 Cross Carizo Creek wash

3.00 chas mid Course S.

79.88 Intercept N & S. line S. 8 K. S.
of Cor. & Secs 14-15-22 & 23

then S. $89^{\circ} 56'$ W.

On a line bet Secs

15 & 22 with down SW.

39.94 bet a pond eton 12 x 12 x 4 ins

8' dia. in the ground for 1/4 sec on

marked 1/4 on N. of the dry pits

8 x 18 x 12 ins E. of prof eton 1/2

ft. dia. & raised a mound of

earth 1 1/2 ft high 3 1/2 ft across

alongside

J. To N. R. To E. Cont

Chairs

79.88

The Cont to Seas 15-16-21 & 22
Surface rocky & broken. No timber

North Cont Seas 15 & 16

Dir, 13° 56' East

Over rough broken Country

40.00

Set a sand stone 12 x 10 x 8 in
8 ins. in the front for 1/4 Sec
Chr. marked 1/2 on W. face by
pit 18 x 18 x 12 ins N & S of this
5 1/2 ft. dia & raised a mound
of earth 1 1/2 ft. high 3 1/2 ft
from along side

800

Set a sand stone 12 x 10 x 8 in 8 in
in the front for Cont Seas, 9-10-15
& 16 marked with 3 notches
on E & 2 notches on S. Edge by
pit 18 x 18 x 12 in in each Sec
5 1/2 ft. dia & raised a mound

40.5

T 20 n R 22 E. Cont

Chain

Of each 2 ft. high 4 1/2 ft
 low along side
 Surface broken. ^{Depth is 0 ft}
 No timber B 2

Each on a random line bet
 Sec. 10 & 15

Dir. 130 56' East

Over rough broken surface

40.00 Set temporary 1/4 sec cor.

80.07 Intersect N + S line 18 lks

North of cor to Sec. 10-11-14 & 15

Thence S run N 89° 53' W,

On a true line bet Sec

10 & 15 with corner Sta.

40.08 Like sandstone 14 x 12 x 6 ins

10 ins in the post for 1/4 sec cor

marked 1/4 on N face by pit

18 x 18 x 12 ins E + W of stone 5 ft from

and raised a mound of earth

J. To N, R 24 E. Creek

chain

80.17 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side
The Cor. 6 Secs. 9-10-15 & 16
Surface broken. Soil 4" prod. no timber $\frac{3}{4}$

North beh Secs. 9 & 10

Var 13 56' each

Over rough broken surface (rocky)

40.00 On a sandstone $14 \times 12 \times 8$ in
10 in in the part for $\frac{1}{4}$ Sec corner
marked $\frac{1}{4}$ on surface, dig pit
 18×12 in N & S. of stone $\frac{1}{2}$
ft. deep & raised a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side

80.00 On the Lava Rock $20 \times 10 \times 6$ in
15 in in the part for Cor & Secs
3-4-9 & 10 marked with 3
notches on E & 5 notches on S edge
dig pit $18 \times 12 \times 12$ in in each
Sec $\frac{1}{2}$ ft. deep & raised mound

47

BOOK 364

T. 20 N., R. 24 E., Q. 2

Choin

of earth 2 ft. high & 1/2 ft. across
 along side ^{surface broken & Rocky} _{Soil 4 ft. deep No timber} ^{ply.}

East on a random line bet
 Secs. 3 & 10

W. 130° 56' East

Over rough from surface

17.00 Cross dry rock 20 lks. S. side
 Cross South

40.00 Left temporary 1/4 sec. cor.

79.90 Intersect N & S. line 12 lks

South of cor to Secs 2-3-10 & 11

Thence S on S; 89° 55' W.

On a true line bet Secs 3 & 10

with same cor.

39.95 Set a Lora rock 14 x 10 x 3 in

10 in. in the ground for 1/4 sec. cor

marked 1/4 on N. of dry pit 18 x 18

J. H. N. R. 24 E. Cook

Chairs

x 12 ins E & W p. sta 5 1/2 ft. dia
 & raised a mound of earth 1 1/2
 ft. high 3 1/2 ft. base along side

7990

the center p. 3-4-9 & 10
~~Super broken. Sp. 4 a p. order~~
~~Regulation No. 1000~~ M. H. 1000

N. lat. sec. 3 & 4,

Var. 13° 56' E,

over rough broken surface,

23,00 Foot of bad land,

trs. E. & W. ~ ascend

40,000 Put a sandstone 14 x 12

x 8 ins, 9 ins, in the ground

for 1/4 sec. cor. marked 1/4

on N. face, dug pits 18 x 18

x 12 ins, N. & S. of stone,

5 1/2 ft. dia, & raised a

mound of earth 1 1/2

ft. high, 3 1/2 ft. base

along side,

49

T. 20 N. R. 24 E. Ank

Chain

4.75 Chain E. of Standard
 Cr to Secs - - - - - 33 & 34
 previously established by me
 When I set a Lora Rock
 20 x 12 x 2 in 10 in in the
 front for Chain Cr & Secs
 3 & 4 marked C.C. with 3 notches
 on E & 3 notches on Wedges, by
 pit 18 x 18 x 12 in S. E. & W of stone
 5 1/2 ft. dist & row a row
 of earth 2 ft. high 4 1/2 ft across
 Chain Cr - Oct. 6, 1882
 Sump broken & 80 lbs. Soil & 1/2 bush 200 lbs

At a time in the Secs

3 & 4 with ground

40.00 Lora Standard 14 x 12 x 8 in
 10 in. in the front for Cr
 marks 1/4 on N & on dip pit 18 x
 18 x 12 in N & S of stone 5 1/2 ft

J. 25 N R 24 E. Cont

How

~~dist + varied a snow of water~~

~~1 1/2 ft high 3 1/4 ft from along side~~

St. 38

~~The last 4 hrs. 3-4-9 & 10~~

~~Oct 6th 1882~~

Thoroughly examined the adjustments
of my Polar Compass today
particularly the latitude and
sighting apparatus, and
found them correct,

57

BOOK 364

T. 20 N R 24 E Cont

Chow

From the Cor to Secs. 4-5-32 & 33
 on South Boundary of Township
 which is a round stone
 carefully marked & set firmly
 in the ground with
 pits & mound of earth
 alongside,

Sec. N. bet Secs 32 & 33
 Var. 15° or 6' East
 Over rocky broken land

32.00 Cross Carrizo Creek 200 yds,
 wide corner S. W.

40.00 Like post rock 16 x 9 x 5 in
 12 in in to post for 1/4 Sec Cor

J. 20 N R 24 E. Area,

Chowin

marked $1/4$ on N. face by pit
 $8 \times 18 \times 12$ in N & S of stone $5 \frac{1}{2}$ ft
 dist + rain - snow of last

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

77.00 Top of Sp. 100 ft. high on S. W.

80.00 On a round rock $20 \times 13 \times 9$ in

15 lbs in the pond for art Sec

28-29-32 + 33 marked with

4. N. notch on E. + 1 notch at S. edge
 and raised a mound of stone
 along side

Pit impracticable
 surface broken, Soil 4 ft deep
 No timber

East on a round rock line but Sec

28 + 33

Nr. 130 56' East
 Ascend Bluff

J. 2v N. R 24 E. Contk

- 3.00 Top of spur 75 ft high to S. W.
 12.00 Cross gulch 20 lks. mid Coss S.
 37.00 Top of ridge to N. S. and
 descend Bluff
 40.00 Set temporary $\frac{1}{4}$ sec cor.
 49.00 Cross Carrizo Creek 9.00 chas
 Mid Coss S. 30' W.
 60.00 Rocky point 20 ft. high to N.
 64.34 Cross wash 20 lks. mid Coss N.
 80.17 Intersect N. & S. line 13 lks
 N. of cor to sec. 27-28-33 & 34
 then I on N, 89° 54' W.
 On a true line bet Secs
 28 & 33 with corner N.
 40.08 Set a sand rock 20 x 14 x 6 in
 15 in in the front for $\frac{1}{4}$ sec cor
 mark $\frac{1}{4}$ on N face and run
 a row of stones along it
 Pts impracticable

J. 20 N. R. 21 E. Creek

hours

80.17

The cut Secs, 28-29-32 + 33

Surface broken. Soil 4th grade
 Reg. no timber ~~W. grass~~

North fork Secs 28 + 29

Cor. 13° 56' East

Over Road levels

40.00

Like pond stone 18 x 12 x 10 in

12 in in the part for 1/4 sec cut

marked 1/4 on N. face by pit.

8 x 12 x 12 in No top stone 3 1/2 ft.

dist + 2 air a row of each

1 1/2 ft. high 3 1/2 ft. top along side

80.00

Like pond stone 12 x 10 x 8 in 8

in, in the part for cut sec 20-21-

28 + 29 marked with 4 notches

on E + 2 notches on S. edges

by pits 18 x 18 x 12 in in each Sec

5 ft. dist + 2 air a row of each

2 ft. high 4 1/2 ft. base along side

Surface broken. Soil 4th grade no timber

V.V.

J. 20 N. R. 24 E. Cont.

Chorus

East on a second line bet
Lines 21 + 28

Var. $13^{\circ} 56'$ East

Ascending

- 10.00 Point of hill bet N + S.
18.25 Cross dry wash 50 lks. with
Course S. and
Ascend through tracks
40.00 let temporary $\frac{1}{4}$ Sec. Ar.
55.00 Top of high hill bet N + S at
Descend
80.08 Intersect N + S. line 3 lks
N. of cut bet lines 21-22-27 + 28
Thence I on N. $89^{\circ} 59'$ N.
Platton line bet lines
21 + 28 with same Sta
x
40.04 let a sand stone $16 \times 12 \times 8$ in
12 in. in the form for $\frac{1}{4}$ Sec
Ar. marked $\frac{1}{4}$ on N. boundary

T. 20 N. R. 24 E. Cont

shown

pts 18 x 18 x 12 ins E & W of stone
 5 1/2 ft. dist & point a corner
 of road & stone 1 1/2 ft. high 3 1/2
 ft. from along side

80.08

The Cor to Secs 20-21-28 & 29
 Surface broken. Found a cat
 No timber

North bet Secs 20 & 21

- Az 130° 56' East

Ascending through breaks

17.50

Top of hill Secs. N. 20 & S. E.

80.00

Crossing rocks 20 lks wide

Course S, E and

Ascend

40.00

hit a sand stone 20 x 10 x 4

ins 15 ins. in the ground for

1/4 mi. cor. marked 1/4 on 20;

for dry pts 18 x 18 x 12 ins N & S

of stone 5 1/2 ft. dist & corner a

57

J. To N. R 2nd E. Cont

Chin

Mound of earth 1 1/2 ft. high
3/4 ft. base along side

70.00 Point of separation N.W. & S.E.

79.85 Crossed by road 30 ft. wide
Corner S. E.

80.00 Red sand stone 12 x 10 x 6 in

8 in. in the joint for cut & dies

16-17-20 & 21 marked with

4 notches on E. & 3 notches on

S. edge. by pit 18 x 18 x 12 in

in each die 5 1/2 ft. dia cut

raised a mound of earth

2 ft. high 4 1/2 ft. base along side

Shaper broken. Soil 4 1/2 ft. ^{into} _{20'} timber

East on a condour line bet

Sies 16 & 21

At 130' 6" East

Over rough broken surface

J. D. N. R. 24 E Cont

Items

- 21.00 Point of Spades N + S.
- 40.00 1/4 temporary 1/4 Sec. on,
- 63.00 Cross Wash 50 lks mid
Course S.
- 79.90 Intert N + S, lin 5 lks
S. of cut & Secs. 15-16-21 & 22
Thence on S. 89° 58' W.
Station lin bet Secs. 16 &
21 with some Sta.
- 39.95 Sta found stone 20 x 10 x 6 in
18 in in the point for 1/4 Sec. on
marked 1/4 on N. from dry pit.
18 x 18 x 12 in E of station 5 1/4 ft
dist & raised a snow of salt
1 1/2 ft. high 3 1/2 ft. to alongside
- 79.90 The Cor. to Secs. 16-17-20 & 21
Rough to the surface Soil 4th grade
No timber

59

BOOK 364

T. 20 N. R 24 E. Quad

Chairs

North Secs 16 & 17

100, 3' x 56' East

Over rough broken surface (rocky)

13.00 Point of spur. to N.E. & S.W.

40.00 Set a sand stn 13 x 12 x 3 ins 9 ins

in the pt for 1/4 Sec are marked

1/4 in N, & edge pit 18 x 18 x 12 ins

N & S of stn 5 1/2 ft. dist & raised

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

long along side

42.00 Cross Mark 2.00 chm wide

Cross Mark

62.00 Point of rocky spur to N.E. & S.W.

80.00 Set a sand stn 10 x 10 x 8 ins

6 ins. in the pt for Cor to Secs

9-16 & 17 marked with

4 notches on E & S. edge depth

18 x 18 x 12 ins in back Sec 5 1/2 ft

dist & raised a mound of earth

L 20 N R 24 E cont

Shoring

off. hgt 2 1/2 ft. base along side
 Surfa broken + rocky. Soil 4" of top
 20" timber

Each on a condow line bet
 Sies 9 + 16

Dir. 13° 56' East

Over rough broken Surfa

4000 lb temp rag 1/4 sec Ar.

So. 10 Inlet N + S. lin 12 lks

North of Cut Sies 9-10-15 + 16

Then I am N, 89° 55' W,

On a line bet Sies 9 + 16

Mit Down Va.

400.5 W a cond eton 13x11x4 in

9 in. in the top for 1/4 sec

Ar. marked 1/4 on N, fully dy

pit 18x18x12 in E + W. of stone

5 1/2 ft. dist + raised a amt of

earth 1 1/2 ft. hgt 3 1/2 ft. base along side

61

BOOK 364

J. D. N. R. 24 E. Cont

A. Choin

50.10 Mr. Car to Secs 8-9-16 & 17
 Surface Broken, Soil 4 ft deep
 20 timbers

1.
4

North Secs 8 & 9

Mar, 13th 56. South

Over rough broken surface

14.80 Cross dug work 20 lks with
 Over S. M.

33.00 Foot of bal laid breaks bus

4 Ex M. and

ascend

140.00 Let a cow stone 14 x 10 x 6 in

10 in in the part for 1/4 acre
 marked 1/4 on W. face by pd's

By 18 x 12 in N & S of stone 5 1/2 ft

dist & excav a mound of earth 1 1/2
 ft high 3 ft from along side

J. 25 N. R 24 E. Cont

chain
8000

Set a sand stone 14 x 12 x 12 in
10 ins in the jaw for Cor & Sec
4-5-8 & 9 marked with
4 notches on E & 5 notches
on S. edges. dig pit 18 x 18 x 12
ins in each Sec 5 ft. ft. dirt
and raised a row of corals
& stone 2 ft. high 4 1/2 ft. base
along the ^{surface} broken soil & a grade
no timber

x Each on a condon line like
Sec 4 & 9

Sec. 13. 5 ft. each

Ascending through a land break.

1800 Top of high point 100 ft high
on N & S.

28.75 Cross rock 50 ft. wide on S.
and ascend

63

BOOK 364

S. 20 N. R. 34 E. Cont

- 40.00 lot temporary $\frac{1}{4}$ Sec. 20.
- 48.00 Foot of road land
Bluff 150 ft high on N.W.
and on rough broken surface
- 50.06 Interest N + S line 5 lks
N. of cur & Secs 3-4-9 & 10
then I am N, 89° 58' W,
On a true line but fees 4 & 9
with some Sta.
- 40.03 Aka sand stone 12 x 12 x 8 in
8 in. in the joint for $\frac{1}{4}$ sec
On marked $\frac{1}{4}$ a N, for dry
pit 18 x 18 x 12 in. E. or of stone
5 $\frac{1}{2}$ ft. ditch & earthen a mound
of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. across
almond, On top of point 150 ft.
high on N + S. and
Descend

J. 20 N. R. 24 E. Cont

Choir

So. 06

The Cont to Secs. 4-5-8 & 9
Sawyer broke. Soil is a pebbles
No timber NWNorth on a true line bet Secs. 4 & 5
Dir. 130 5 h' EastAscending steep bad lands
tracks25.00 Top of high ridge 200 ft high
to E & W. and

Descend

40.00 Set a round stone 14 x 12 x 6 in
10 in in the post for 1/4 Sec
mark 1/4 on W. for dry pit 18 ft by
13 in N & S of stone 5 1/2 ft. dirt at
each a mound of earth 11 ft
high 3 1/2 ft base along side43.00 Cross deep mark Folk road
Cross H. and ascend

J. To N. R. on E. Creek

Chim
D. 33

Intersect of Standard N 4, 41
 Chain East of Standard Cor &
 Sies. - 32 + 33 N. Boundary
 of Township recently established
 by me, when I set a corner stone
 18 x 10 x 9 in 12 in in the form
 for Closing Cor & Sies 4 & 5
 mark CC, with 4 notches on
 E & 2 notches on S. edge dug
 pit 18 x 18 x 12 in. S. E. cor of
 Stone 5 1/2 ft. high & raised a
 mound of earth 2 ft. high 4 1/2 ft
 long along side

Oct 7th 1882
 Surface broken. Soil 4 or 6 inches
 no timber

J. J. N. R. M. & Co.

How

I carefully examine the
adjustment of an older
Carpenter's body, particularly
the latitude & reversing apparatus
and find the correct

67

J. Dr N. R. M. E. Cook

Choir

From the South Cor & Lies
 5-6-31 + 32 on the South
 Boundary of the Township
 which is a Low stone like
 firmly in the ground
 and with pits &
 mound of earth along
 side,

From North bet Lies 31 & 32

W. 13° 56' Each

One rough, broken & rocky surface

Quite flat bet N.E. & S.W.

Then " " "

Ascend over Bluff bet N.E. & S.W.

2.00

18.00

T. To N. R. 24 E. Cook

Chowis

30.00

Top of Bluff. Sec NE + S, W.
Clear sand flat

40.00

Set a Black sand rock 18x14x2
ins 12 ins in the post for 1/4 Sec
On marked 1/4 on W, full clay pit
18x18x12 ins N + S of set 5 1/2 ft.
Dist + raised a mound of earth
1 1/2 ft. high 3 1/2 ft. box along side

50.00

Set a Slate rock 18x10x3 ins
12 ins in the post for cut Sec 29-30-31
and 32 marks with 5 notches
on E + 1 notch on S edge clay pit
18x18x12 ins in each Sec 5 1/2 ft
Dist + raised a mound of earth 2 ft
high 4 1/2 ft. box along side
Surface Broken
Graying sand
Soil 3⁺ calc

69

J. D. N. R. 2nd E. Cont

Chowin

East on a pond on line bet
Secs. 29 + 32

N 13° 56' East

On flat,

40.00 bit temp way 1/4 sec. air
 47.45 Eula north Chowin S. E.
 57.43 Tecon " " "
 80.09 Intersect N + S. line 14 E. S.
 of Jay + Secs 28-29-32 + 33
 Channel on S. 89° 54' N,
 On a thin line bet Secs

29 + 32 with some NW

40.04 On a pond stone 18 x 12 x 9 in
 12 in in the fur for 1/4 sec on
 marks 1/4 on N. face dry pits
 18 x 12 x 9 in East of stone 5 1/2 ft
 dirt + raised a row of earth
 1 1/2 ft high 3 1/2 ft from along side

J. 20 N R 24 E. C. 1

Chow
8009 W. Cor. to Secs. 29-30-31 & 32
Surface level
Good grazing
Soil 3rd grade

Nest on a random line bet
Secs. 30 & 32
W 130 36' East

15.00 Clear flat
15.70 Iron flat for N & S, & a small
19.00 Top of Bluff 30 ft. high for N & S.
One corner & top lands.
40.00 Sit temporary 1/4 Sec. Cor.
7812 Intersect N Boundary of Township
12 bk. N. of Cor. to Secs. 25-30
31 & 32 previously established
by me.

71
J. 20 N. R 24 E, Cook

Chen

Chen I am on a tree line
N. 89° 55' E, bet Secs 30 + 31
Mit. Low Sta.

38.12

Siba Low lock 13 x 12 x 9 ins
9 ins. in the front for 1/4 sec air
marks 5/4 on N. side of pit 18 x 18 x 14
in corner of stone 5/4 ft high &
rain a snow of earth 1/4 ft.
high 3 1/2 ft. low along side

78.12

The Cor to Secs 29-30-31 + 32
Surface Broken TB man
Soil 4 ft deep

North bet Secs 29 + 30
N. 130° 56' E each

Chen fleh

31.63

Cross mark 20 inches wide

T. 20 N R 24 E. Creek

Chairs

Cross S. 30° E.

- 40.00 A sand stone 12 x 10 x 6 in, 8
in. in the front for 1/4 in. cur
marked 1/4 in. N. and dry pit
18 x 18 x 12 in. 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
- 66.00 Enter rough broken bad lands
bearing E & W.
- 76.00 Top of spur 50 ft. high to S. E.
- 78.00 Cross gulch 20 lks wide 40 ft
deep. Cross S. 30° E.
- 80.00 A sand rock 19 x 15 x 5 in
15 in. in the front for cut Secs
19-20-29 + 31 marked with
5 notches on E. + 2 notches on S
edges. dry pit 18 x 18 x 12 in. in
back Sec 5 ft. dist + raised a
mound of earth 2 ft high 4 1/2 ft

73

J. 20 N R 24 E. Cont

Choir

been along side
 Surface rolling for 66 Chus.
 Broken & Burn " 14 "
 Food grazing 66 Chus
 Prov " 14 "
 Soil 3⁵ + 4⁰ grad

East on a ponderosa line bet
 Secs 20 & 29

Alt. 13.56. cont

Over rough broken top land
 ascending

10.00

Spur 40 ft. high bet S.

19.00

Cross gulch 38 ft. deep 70 lks
 mid course S. E.

29.00

Sp of spur 40 ft. high bet S. and
 descend

J. 20 N. R. 24 E. Cont

- 36.00 Cross gulch 30 ft deep 25
 lks mid Course S.
- 40.00 Set temporary $\frac{1}{4}$ sec cen.
- 67.00 Top of ridge to S.E. + 20 W.
- 80.10 Intersect N + S. line 14 lks
 S. of cur to Secs. 20-21-28 + 29
 Thence S on S. $89^{\circ} 54'$ W,
 On a line to lks
 20 + 29 with same
 40.05 Set a Lone rock 19 x 15 x 3 ins
 14 ins. in the ground for $\frac{1}{4}$ sec cen
 mark $\frac{1}{4}$ on N, full day pit.
 18 x 18 x 12 ins E + W of stone 5 1/2 ft
 high + 2 ins a row of cast
 1 1/2 ft. high 3 1/2 ft. to along id.
 80.10 The cur to Secs. 19-20-29 + 30
 Surface Broken + Barren
 Soil 3' + 1/2 ft. from ground

75

T. 20 N. R. 24 E. Cont

Chains

West on a random line bet
Sec. 19 + 31

for 130.56' East

Over Broken Bed lands

7.00 Cross Spur 30 ft. high Bes S &
Descent15.00 Enter flat 30 ft. deep Bes
S. E. & N W.39.00 Cross West 2.00 chain wide
Corner S. E.

40.00 Put temporary 1/4 Sec Cor

49.00 Turn flat for N & S. and
Ascend over rough broken bed
lands78.00 Intersect N. Boundary of
the Township & E. S. of Cor
& Sec. 19-24-25 & 30
previously established by
me

July 20 N. R 24 E. Creek

show

Measure from S, 89° 57' E,
On a timber cut Dec 19
19 + 30 mit from Sta.

38.00

Like Lone Stone 16 x 15 x 6 ins
12 ins in the front for 1/4 in. Car
marks 1/4 in ~~in~~ ^{of} ~~the~~ ^{the} ~~pit~~
18 x 18 x 12 ins E of stone 5 ft
ft. dia & raised a mound of
earth 1 1/2 ft high 3 ft or more
along side

78.00

The cut Dec. 19-20-29 + 30
Surface Broken & Barren
Soil 4 ft grade

North cut Dec 19 + 20

St 13° 56' East

Open Broken bed lands

29.00

Top of ridge 60 ft high Dec

77

F. D. N. R. 24 E. Cont.

Chowin

to S.E. & N.W. and
descend

40.00

Set a Lava Stone $12 \times 12 \times 9$ in
8 in in the front for $\frac{1}{4}$ sec and
marked $\frac{1}{4}$ on N. face dug pit
 $18 \times 18 \times 12$ in nos of stone $5 \frac{1}{2}$ ft
dirt & raised a mound of
earth $1 \frac{1}{2}$ ft. high $3 \frac{1}{2}$ ft base
along pit

46.00

Cross pulch $4 \frac{1}{2}$ ft dup $1.7 \frac{1}{2}$ dms
wide Crown S. E.

33.00

Top of spur 30 ft. high to E.

80.00

Set a Lava rock $16 \times 9 \times 9$ in
14 in in the front for Aug & Sec 17
-18-19 & 20 marked with 5
notches on E. & 3 notches on S
edge, dug pit $18 \times 18 \times 13$ in in
Lark Sec $5 \frac{1}{2}$ ft dirt & raised
a mound of earth $2 \frac{1}{2}$ ft high side

S. 20 N R 24 E Cosh

Chairs

ft. tree along side
 surface broken & barren
 Soil is that of gravel

Each on a random line bet
 Secs 17 & 20

Dir. 130 56' Bush

Descent over rough bad
 lands. County entirely barren

17.00 Cross Julia 15 lks mid Corn S. E.

40.00 1st temporary 1/4 Sec Cor.

59.00 Cross dry creek 200 chs mid
 Corn S. E.

8009 Intersect N+S. line 5 lks

N. of cor to Secs 16-17-20 & 21

Thru on N. 89° 58' W,

Thru line bet Secs

17 & 20 mid. Corn to

79

BOOK 364

J. Z. N. R. H. E. Cook

Chasin

40.05

Site Iron rock 15 x 9 x 6
 in 10 in in the ground for 1/4 sec
 Ch. marked 1/4 a N. from dry
 pits 18 x 18 x 12 in. 20 m of str
 1/2 ft. dust + sand a row
 of earth 1 1/2 ft. high 3 1/2 ft. +
 Along side

80.09

The Curt Lies 17-18-19 + 20
 Surface broken. Soil 4 ft. +
 Soil freezing

Metona sand in bed
 Sols. 18 + 19

W. 13° 56' East

Can Broken bed loads

20.00

Top of Spear 40 ft high to S.E.
 Descend

30.00

Crossed 75 ft deep 75 lbs
 Mid. above S. E.

J. To N R 221 E. Cont

Chairs

4000

Set temporary $\frac{1}{4}$ Sec. corner

73.00

Top of ridge 50 ft high to
N.E. & S. cor.

78.08

Intersect West Boundary
of the Township 14 lks
S. of cor to Sec. 13 18-19 + 21
provisionally reestablished on
then I run a S. $89^{\circ}54'$ E,
on a timber line bet Sec
18 + 19 with same Pa

34.08

Set a Lora stone 16 x 16 x 6 in
1/2 mi in to post for $\frac{1}{4}$ Sec
Cor marker $\frac{1}{4}$ on N. full
day pit 18 x 18 x 14 in E & W
of stone 5 $\frac{1}{2}$ ft. dist. & said
amount of earth 1 $\frac{1}{2}$ ft. high
3 $\frac{1}{2}$ ft. deep along side

78.08

At Cor to Sec. 17 18-19 + 20
Surface Broken & covered
Soil 4 ft. deep poor grassy.

86

BOOK 364

J. To N R 24 E. Creek

Chains

Matt bet Sues 17 & 18

Dr 13' to 6' East

Opp rough bed lands
Sloping S. E.36.00 Cross gulch 20 lks wide
Course E.40.00 Siba Lora rock 20x10x6
in 15 in in the joint for 1/4 in
a marked 1/4 on Matt a dry pit
18x18x12 in 40 S of pit 5 1/2 ft
dick & raised a mound of earth
1 1/2 ft high 3 1/2 ft from along gulch50.00 Siba Lora Rock 20x10x8 in
15 in in the joint for the Sues
7-8-17 & 18 marked under 5
notches on E & 4 notches on S
edge dry pit 18x18x12 in in
each Sue 5 1/2 ft dick & raised
a mound of earth 2 ft high

S. 20 N. R. 24 E. Cont

Chowin

4 1/2 ft for along side
 Surface Broken & Poured
 Soil 3rd + 4th grade
 Root Graying

East on a pendulum line bet
 lines D & 17

W 130° 56' East

On rough Broken Surface

40.00 Let temporary 1/2 Sec. Cor.

51.00 Cross by track 5.00 chas
 mid corner South

50.00 Interest No. S. line 14

Exs N. of cor & Sec 8-9-16-17

Then from N. 89° 54' W.

On a true line bet lines

D & 17 with some PA

40.04 Let a found stone 17 x 12 x 10

was 13 ins in the front full of

83

J. D. N. R. by E. A. W.

Cross

Sec. 17. marked by on N,
face dry pit 18 x 18 x 12 in E & W
of stone 5/8 ft dia & raised
a mound of earth 1 1/2 ft high
3 ft from along side

So. 0 8 2nd Cr. to Sec. 7 - 8 - 17 & 18
Oct 9th 1887

Surface broken & bare
No timber

Met on a random line
bet Sec. 7 & 18

W. 13° 56' East

Ascent on broken bed
lands

36.00 Cross mark 40 ft wide

I. 20 N R 27 E Cont

Chow

Quar N. 80° E.

40.00 Ret temporary 1/4 sec cor

42.00 Top of ridge Sec N + S and
D would gradually77.93 Anticent W Boundary of
Township 8 N. north of
Art Secs. 7-12-13+18.
primarily established by
mMound on N, 89° 57' E,
on a timbered Sec

7 + 18 with same on

37.93 The Low rock 12x12x9 in
8 in in the part for 1/4 sec cor
marks 1/4 on 26, 2nd day pit
18x18x12 in 5000 ft on 1/2
ft. dist + rain a mound of
cut 1/2 ft high 3 1/2 ft base
alongside

85 BOOK 364

J. D. N. R. & E. Cart

Chairs

77.93

The Cart Secs 7-8-17 & 18
Surface broken. Soil 4' ^{poor}
No timber

North bet Secs 7 & 8

100, 13" 5 1/2' East

Clear Boreen tied lands
Sloping E.

9.15

Cross north 25 lks. wide
Corner S. E.

31.00

Cross north 1,00 chm wide Corner
E.

46.00

Set a Long Stone 12x10x 5-in
8-in. in the post for the Rec Cart
marks 1/4 in 7/8 an dry pit.

18x12 in N. S of stone 5 1/2 ft
dirt & said a mound of earth

1 1/2 ft high 3 7/8 ft across along side

48.75

Cross. Down north 70 lks
wide Corner S. W & ascend

J. 20 N R 24 E. Cont

Chorus
66.00Top of ridge Bar S 10° 22' at
N. 10° 22' E.

Resound gradually

50.00

Like a low rock 10x10x6 in
6 in in the front for C & S
5-6-7 & 8, marked with
5 marks on E & S edge dry
pit 18x18x12 in in east Sec
5 1/2 ft. dirt & rain a row
of 2 all 2 ft high 4 1/2 ft
Aluzide

Ind for Broken & Bar in
184 ft. side & sandy
poor grazing ~~the timber~~

East on a sandstone hill
Bar JV E.

Bar. 130 5 h' East

87

T. 20 N. R 22 E. Q. 100

Chairs
 One high for Prairie land

30.00 Enter Bad lands to N & S.

40.00 Let temporary $1/4$ sec. cor.

71.00 Price of high & low 70 ft. high
 to N & S. cor

Descent

79.88 Interest N & S. line 5 lks

South of Cor & Secs 4-5-8 & 9

Then I run S. $89^{\circ} 58'$ W,

On a new line bet Secs

5 & 8 with same Sta.

39.94 Let a sand stone $12 \times 10 \times 6$ in

8 in in the joint for $1/4$ sec cor

mark $1/4$ in N. & S. by pit

$18 \times 18 \times 12$ in 5000 of stone $5 \times 1/2$

dit & paint a row of last

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

the Cor & Secs 5-6-7 & 8

Sample taken. Soil $3 \frac{1}{2} \times 4$ in $1/2$ in
 no tint

79.88

T. 20 N R 24 E, Cont

Chowin

Went on a random line
bet Secs 6 & 7

N. $13^{\circ} 56'$ East

Over Prairie land

3.00 Top of spur 20 ft. high to
S. and descent

20.50 Cross dry wash 18 ft deep
50 lks wide. Over S.

28.75 Cross wash 1.00 chm wide
Over S. 150 ft.

40.00 At temporary $\frac{1}{4}$ sec cor

77.90 Intersect W boundary of Township
14 lks N. of cor to Secs 16, 7 & 12
formerly established by
me

Then line N. $89^{\circ} 54' E$,
on a true line bet Secs 6 & 7
with Town PA

J. 2, NR 24 E. Cont

Chow

37.90 Let a sand stone 13x10x6 in
9 in in the front for 1/4 sec and
marked 1/4 a No. for dry pct
18x18x12 in 2 or 3 of stone 5/8
ft. dirt & sand a snow
of cast 1 1/2 ft. high 3 1/2 ft
over along side

77.90 The car to Sec 5-6-7 & 8,
Surface broken. Erosion fair
Dred 3' x 4' at rate

Start on a line bet Sec
5 & 6

Was 13' 5' to each
Over high open prairie land
Ascend gradually

30.00 Enter high broken lands (bad)

T. 20 N. R. 24 E. Cont

Chain

- 40.00 Set a sand stone 10 x 10 x 6 in
6 in in the front for 1/4 sec. on
marked 1/4 on W for day pits
14 x 18 x 13 in. N. S. of stone 1/2 x 1/2
ft. dist. & raised a mound of soil
1 1/2 ft. high 3 1/2 ft. long along it
- 43.00 Cross gulch 100 ft. deep Cross
S. W. and ascend
- 70.00 Top of ridge 300 ft. high
to E. W. and
Descent
- 81.50 Intercept 5th standard R.
on N. Boundary of Township
at a point 4.07 chas. E. of
road and
Ch. & Res. ... -31- & 32
- Sp 21 N. R. 24 E. previously
stated to be run when I
set a sand stone 13 x 10 x 6
in. 9 in. the front for closing

91
11
J. 20 N. R. 2, E. Creek

Choir

Obs. to L. 5 & 6 marked
C, C with 5 notches on E & 1
notch on W.
edges, dry pit 18 1/2 x 1 1/2 in
S. E. & W. of flow 5' left, dirt
& raised a mound of earth
2 ft. high 4' left. from
along side

Surface rough & broken

Good for

Pr. 3 5 grades
November

John Stearns
Oct 10th 1882

I carefully examined
the adjustments of my
compass today, particu-
larly the latitude & re-
solving apparatus & found
them correct.


T. 20, N. R. 24, E,

General Description

The surface of this township is broken & rolling, and much of it is bad land. Carrizo Creek crosses township from N. E. to S. W. and along same there is flat sandy land & fair grazing. The eastern portion of township is traversed from N. to S. by dry washes. Hopkins ranch & stone cabin is in sec. 35. Cabin is in N. E. quarter of same

93

For final oaths see
last book (No. 17.)
of Surrey,



U. S. Surveyor General's Office,

TUCSON, ARIZONA, April 19th 1883

The foregoing Field Notes of the Survey of the

Public division Lines of Township
20 North, Range 24 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by Frank Follman

Deputy Surveyor, under his contract of the 29th
day of July, 1882, 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. D. Bina
Surveyor General.