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MINING
TRANSIT BOOK
363

①

Index

GORMAN on Sec 36 141-31

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(2)

36-141-31

March 20th 1915
Saturday.

This is the day we are to begin the survey of Sec 36-141 Rg 31 under my contract with Cass Co Dated March 2nd 1915 and marked "Cass's Contract N^o 4."

Frank H. Donner and I prepare field notes and plats and Donner takes My H & B Transit and Gurly Compass chains &c.

Donner takes the 9-30 a.m. train from Walker to Ten Mile Lake RR fare 20^c

At the SE Cor of Sec 36-141-31 being the SW Cor of Sec 31-141-30 US notes call for

White Birch 15 ft corner with the following bearing lines

Line 8 N 30° W 23 Links

Ironwood 5 N 27° E 15 Links

all appear to be gone

At the 1/4 corner on South side of section 36-141-31

John W. Cass

Mar 20-1915
continued

③

36-141-31

U.S. notes call for a post and
the following bearing lines
W. Birch 3 N19°W 36 Links
Br Oak 12 N30°E 23 "

All appear to be gone

At MC N° 2. of T141

31. U.S. notes call for a post and
the following bearing lines
Aspen 6 S20°W 17 links
Birch 8 S17°W 32 "

252

All appear to be gone

At the SE Corner of Sec
36-141-31 will have to be
established by beginning
by beginning at some point
further East we will have
to get special field notes of
the South line of Twp 141 N 30.

March 21st 1915

Donner does not work I look
up previous surveys and copy
survey notes all day in office
at Walker

John W. Cune

(4)

Monday March 22nd 1915

I copy field notes

John W. Carr

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Tuesday March 23rd 1915

N.D. Gorman continues
survey of sec. 36-141-31

Lv Walker at 9:20 A.M.

R.R. zone 28th arrive at
Hackinsack 10:01.

Dinner at Spains
P.M.

Walter to Antone
Zinnbergs to locate
boarding place
Zinnbergs agrees to
board me at \$1.00 per
day and I came back
to Hackinsack for
survey instruments.
Stay over night at
Spains Hotel.

N.D. Gorman

Time Sheet survey of sec 36-141-31

	March										April				
	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3
Donner, F.	1	0	0	0	0	0	0	0							
Gorman, N.P.			1	1	1	1	1	1	0	1	1	1	1	1	1
Linnenberg, A.				$\frac{1}{2}$	1	1	0	0	1	1	1	1	1	0	0
Thomas, A.				$\frac{1}{2}$	1	1	1	0	1	1	1	1	1	1	0
Thomas, B.															
CURO	1	1	1	0			1						1	1	1
Brace, P.															

April cont.

Gorman, N.P.	1	1	1	1	1
Linnenberg, A.	1	$\frac{1}{2}$			
Thomas, B.	1	0			
Thomas, A.	1	0			

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W. L. Gorman

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36-141-31

Wednesday Mar. 24 1915

Run preliminary lines
in sec. 36. Try to find old
V.S. corrs which are lost.

Antone Limberg and
I go to the M.C. cor. No 35
on the E side of Ten Mile Lake
and W of the $\frac{1}{4}$ cor. on S side
of sec 31-141-30 and on
S side of sec. 6-140-30

being on the 10th standard
Parallel being M.C. No 48
When V.S. notes call for
post and following B.T.s.

WP 12 N 60 E 7 145 = 4.627 ft

WP 14 S 7 W 13 " = 7.587 ft.

We find the ^{stumps of the} old B.T.s standing
and plainly marked which
cut out for course and
distances with a galvanized
iron pipe set for the
true M.C. said pipe is
4 ft long by rim. thick,
capped on top. Sets
nearly at full length
in the ground in a

Expense; Board of Surveyors While on sec. 36-141-31

March

1897

Chase Hotel	German Panner Brose	13	14	15	16	17	18	19	20	31	1	2	3	4	5	6	7	8	9	10	11	12	13
Spa Hotel	German Panner Brose	11	11																				
Winnemucca	German Panner Brose																						

April cont.

14 15 16 17

Chase Hotel	German	14	15	16	17
Spa Hotel	German	11			

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11.12.10

Mar 24-1915 Cont'd. @ 36-141-31

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bed of cement and rock
as established by Co.

surveyor Curo and
recorded in survey
record No 170 Pg 385

Bk A County Record Book
of Surveys. F

From this True M.C. on
the 10th Standard parallel
we run west on ice in
Ten Mile Lake Var $\pm 30'$

@ 764.75 Hub on ice

Quit for Night

Anton Linnberg works
 $\frac{1}{2}$ day in A.M. and Albert
Thomas $\frac{1}{2}$ day P.M.

W. L. Gorman

36-141-31

④

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Thursday

March 25 1915

Gorman Transitman
Linneburg Chairman
Thomas, A. Apman
Continue West from
Hub at 764.75

@ 1479.72 Temp M.C. 2v Lake
Look for M.C. No 34 of
Twp 141 Rg 30 being M.C.
No 19 of Twp 140 Rg 31 betw
sec's. 31-141-30 & sec 1-140-31
where U.S. notes call for
post and Bts. Vig.
Tam 5 N 81W 142 7 fs.

" 4 S 83W 300 "

@ 2126.52 set Temp Twp
cor, being SW cor of sec
31-Twp 141-30 and SE
cor. of sec 36-141-31

Where U.S. notes call for;
W Birch 15 for cor.

L 7nd 8 N 30W 23

Ironwood 5 N 27E 15

All are gone.

@ 2210.10 set Hub

M. C. Gorman

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⑩ 36-141-31

Mar 25-1915 Contd

@ 3065 Hub

@ 3562.75 "

@ 4647.65 "

@ 4766.52 set Temp & cor
on S side of sec 36-141-31Where V. S. notes call for
post and following B.Ts,
D.P. 24 N 49° W 125

W.B. 3 N 11° 30' E 2.9

All are gone and continue
W.

@ 5168 set Hub

@ 5124.24 " Temp M.C.

The true M.C. sets S 248.70
and 1.01 ft W and @ 5125.25
W the True M.C. sets S 248.70
at this pt. being M.C. No 1
Twp 141-31 and M.C. No 20
of Twp 140-31 between sec's.
36-1 of said Twp's. on E.B.K
of Ten Mile Lake where
V.S. notes call for post
and following B.Ts

Y.P. 16 N 20 E 14 = 9.24

Y.P. 15 S 21 E 39 = 25.74

W. L. Gorman

36-141-31 **252** ① Mar 25-1915 ^{Continued}

We find the SE tree standing green and plainly marked also stump of NE tree from which we set the True MC. by flat chains from B.T. marks. Set 80^{ft} spike.

To correct back

Each Hub gives .000197 of 97^{ft} W in each 77 W and.

.04852 of 97^{ft} S for each 77 W

[.000197.] W

[.04852] S

Quit for Night.

N. D. Loman

252

② 36-141-31

Friday

Nov. 26, 1916.

Gorman Transitman
 Busley transit run double-
 centers. Also chain. 300 ft
 Chicago steel tape P.B. chain.
 Linnaburg Ch' and at
 A. Thomas Apman
 Cuno arrives from Walker
 and assists us.

We go to M.C. No 32 of
 Twp 141 Rg 30 being No 5
 of Twp 141-31 on N shore
 of Teew Mize Lake. Btw
 fractional sec's of 31-
 36 of said Twp's.
 where U.S. notes call for
 post and following Bts
 $W.P. 20 N 9^{\circ} 30' W 126 = 79.20$
 $As per 14 N 2^{\circ} 30' E 177 = 116.82$
 We find the stump of
 the old NE Bt and
 we find old NW pine
 dead and down but
 plainly marked.

This WP Bt has been
 blown over but roots

36-141-31

⑬ Mar 26-1915
continued

252

still holds in the ground
and from the original
position ^{of the tree} we set
True cor where we set
a Hub and took from
which the old NE B &
Stump chs for course
and distance.

We go to cor of sec's.
25-30-31-36 3rd Twp Twp 141-30
and 31 where V.S. notes
call for post and
following TBts:

YP 10 N 7°30'E 148 = 97.68

" 13 N 3°30'W 147 = 97.02

Aspen 3 S 16°W 38

" 3 S 19°30'E 35

The SE & SW trees are gone
but we find stumps of
NW tree also the NE tree
standing green and
plainly marked. Which
ch for course and
distance with following

H. D. Gorman

March 26-1915
continued

⑭ 36-141-31

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iron pipe previously
set by Co. surveyor
Curo for the True Sec
cor. This cor. is a
galvanized iron pipe
47 ft long by 2 in thick
capped on top and set
nearly at full length
in ground as recorded
in survey record No
170 and No 171 on Pgs 384
& 387, B & A of Co. record
book of surveys.

We work transit on
line to NW NE cor. of 36 and
M.C. No 5 Twp 141-31 and
cut line NWS along the
true R & line

at M.C. No 5-141-31
where we have set Hub
and tack for the True
M.C. we mark new B & S
as follows: ✓ 9°30'

Poplar 8 N 22°10' E 85.30 ft
HP 12 N 47°7' W 207.10 "

M. D. Gorman

36-141-31

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(13) Mar 26-1915
continued

To head of spike driven in
tree. This is M.C. No 32 of
141-30.

Quit for night.

252

⑩ 36-141-31

Saturday Mar. 27, 1915
 Lynneberg is sick
 and I send A Thomas
 to town for chain

B. Thomas works in
 place of Lynneberg

Beginning at
 the iron cor. to sec's. 25-
 30-31-36 T¹N Twp 141-Rgs
 30-31. Focus blentype
 on M.C. No 32-5 and
 run S on True line
 Var. about 9°30

- ④ 25.00 enter marsh
- " 3157.00 2nd same
- ④ 669.40 Hub on high hill
- " 900. enter marsh
- " 1320. Temp 46 cor.
- " 1330. cross narrow Pine Ridge
- 1452. intersect M.C. No 32-5
- Fr 1698. to 1800 line runs
 along E edge of Ten
 Mile Lake and then
 wet marshy land
 which may have

36-141-31

①

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Mar 27-1915 Could
have been considered
Lake at one time

@ 1949. enters Ten Mile Lake
Fy 1800 to 1949 is a
high ridge of solid
land - it extends W
into Ten Mile Lake

M.C.S' No 31-38 & 33

4-3 & 2 to Sec's. 31 &

36-141-30-31 are gone
and the three from

cor No 30-31-36 St

Ten Mile Lake 659.34 ft

short. 211.34 ft V.S. chain

= 142.00 " my chain

= 659.34 " short

@ 211.34 S. the True MC

No 32-5 Set 5 N 659.34 [312215] N.

Correcting Back

at 1320 S we chain N

412.22 to 707.78 S at which

pt we drive a spike for

the true North $\frac{1}{4}$ cor 6 to

Sec's. 31-36 T 141 Rg. 30-31.

Bts. 9030'

N P 4 N 86°45' W 63.65'

P 8 N 82° W 1.45'

$\frac{1}{4}$ Sec 2 corner

Mar 27-1915 continued ⑩ 36-141-31

Setting Transit M.C. No 32-5
back sight New True Time
and run S

@ 1452.00 M.C. No 32-5 where
transit sets

@ 1949 enters Ten Mile Lake

" 3572. Z.V. Same

" 4161.60 Hub

" 4721. enters marsh

" 5100. cross Pine Ridge

" 5700. Z.V. Marsh

" 5815. Hub

Quit for Night

Sunday Mar. 28, 1915
A day at Lumburgs

252"

M. D. Gorman

36-141-31

⑨

Monday Mar 29. 1915

Gorman, Limmberg and
A. ThomasStart at cor. 25-30-31-36
run west $\frac{1}{4}$ sec's 25-36
141-31. Var $8^{\circ}30'$

@ 445.50 Hub

@ 575. enter Marsh

@ 750. Lv same

@ 873.75 Hub

@ 1566.10 Hub

@ 2348. Hub

@ 2368. enter Ten Mile Lake

@ 4042.75 Hub on ice

From Hub at 4042.75 run
South Var $9^{\circ}30'$ in Ten Mile Lake

@ 1500 Hub on ice

@ 2700 " " "

@ 3900 " " "

@ 5700 " " "

Quit for Night

252

M. L. Gorman

Tuesday **252"** ② 36-141-31
May 30 1915

Correcting 10th Standard
Parallel on Twn Line 3rd W sec's.
1 & 36-140-141-31.

② 5124.24 W Temp M.C. 1 1/2 1-20.
set 1.01 ft W and 247.90 S

Correcting Back

[.000197 W]

[.04852 S]

③ 4766.52 W we chain W
.939 to a pt. to 4767.46 W

then South 231.32 ft. to ok
true 1/4 cor on S side of sec.
36-141-31 where we set
a spike for true 1/4 cor.

from which: Sax. 11° 30'

Birch 6 N 42° 16' W 67.40

" 4 N 45° 25' E 19.50

ok. ④ 4647.65 chain S 225.51 to Tracting

ok. ⑤ 3562.75 " " 172.86 " " "

⑥ 3446.52 W we chain W .69 ft
To 3447.21 W

ok. Then S 167.26 ft where we

ok. set a spike for true E 1/6
cor. on S side of sec. 36

-141-31 In swamp.

ok.

Curo

W D Gorman

36-141-31

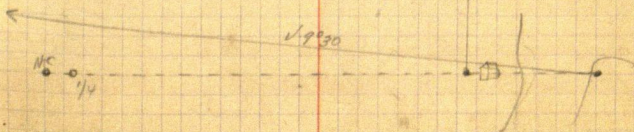
(2)

252" Mar 30-1915 Could

@ Hwt 3063 We chain S 148.62 To true line ^{OK}@ " 2210.10 " " " 107.23 " " " ^{OK}@ 2126.52 W We " W 42 of a ft To
2126.94 W.

Then South 103.20 where we set True ^{OK}
Twp cor. being SW cor. Sec 31-141-30
also SE cor. of 36-141-31 - at which pt
we drive a 1 in. iron rod 3 ft into
ground for True Twp cor.

We find that Bob Thomas's house
is not built all on his own land
as the True Twp line being 10th
standard Parallel passes EXW
about through center of building
which sets about 150 ft E of
SW cor of Twp 141-Rg 30. This
building is partly in Sec 31-141-
30 & Sec. 1-140-31

OK.
Curio

W. D. Gorman

(22) 36-141-31

March 30 1915 (cont'd)

Rep. @ 1/4 cor. on S side 36-141-31
run N Var. $90^{\circ}30'$

@ 88.00 Hub

@ 650.00 enter marsh

@ 1275. LV

@ 1351.60 Hub

@ 1975. enter swamp

@ 2800. LV "

Gorman, Lumberg and
A. Thomas worked.

252

OK. Cms

36-141-31

(23)

Wednesday May. 31, 1915.

Same crew as yesterday
Continue N.

@ 3014.20 Hub

@ 3337.50 "

@ 4165.50 "

@ 4450.00 " enter Lake

@ 6358.75 " on N Bk of Lake L.V.L.K.

Going back on random line bet sec's,
31-36 - Twp 141 - Rgs 30-31

@ a pt 5856.60 ft S of the cor. to
sec's 25-30-31-36 the Twp cor.
sets E (90° to random) 310.00 ft.

Quit for Night
Rec to here

252

OK. Curo-

(24) 36-141-31

Thursday

April 1, 1915

Gorman Transit and
Chain.

A Lumberg Chain and
Appar. Robert & Albert
Thomas Aymer

Beginning at a Hub ^{on random line} 31.50 ft
S and 103.90 W of $\frac{1}{4}$ cor. on E
side of sec. 36-141-31, on ice
run W Var. $90^{\circ}30'$

@ 900.00 Lv Lake

@ 918.50 Hub

@ 2462. "

@ 2936.75 "

@ 2985. enter small pond

@ 3446. LV

@ 3634.80 Hub enter lake

@ 3955.75 Hub on ice

252

OK. em

N D Gorman

36-141-31

(25)

Friday

April 7, 2, 1915.

Begin a pt. ^{on our random line} 206.95 ft W and 11°.

S of S 46 cor Btr. Sec's 31-36
run W.

@ 910.75 Hub

@ 1780.35 "

@ 2417.50 "

@ 3264.95 " enter Lake

@ 4131.70 " on ice.

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Curo arrives and we start
crew cutting N thru center of
East half of Sec. 36-141-31

Curo and I go to M.C. No 6
on E Bk of Ten Mile Lake in
141-31 Btr. Sec's 25-36 where
U.S. notes call for a post
for M.C. and witness 4 cor.
with B's as follows:

W.R. 36 N 15 E 15" = 9.90 ft

Y.P. 30 S 61 E 12" = 7.92 ft

We find stamps of both
old B's plainly marked
from which we set True
M.C. and Witness Cor.

N. C. Gorman

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(26)

April 2-1915 could

36-141-31

by plat chain from face
of B.T.s after which stumps
stand perfect for course
and distance.

We set a Birch stake
for True cor. This cor. sets
2359.30 ft. W and 6 ft N of
the cor. to sec 25-30-31-36.

To correct line 3th sec 25-36

@ 2678.94 (U.S. chain) M.C. 1126

sets 319.46 ft E to 2359.48 W
and N 6.00 [11925 E] OK
E

correcting [002542] N OK

2678.94 goes E 319.46. to 2359.48
and North 6.00

2640 goes E 314.82 ft to 2323.18
and North 5.91 to pt. for 1/4

OK. bet. 25-36

1566.10 goes N 398

1320. goes E 157.41 to 1162.59 W
and N 2.96 to 1/6.

873.75 goes N 2.22

445.50 " N 1.13

H. Thomas. R. Thomas & Linniburg work all day
also cur & Roman

OK.

M. J. Roman

36-141-31

(27)

252

Saturday

April, 3, 1915.

Same crew except Curio & Linnick
Continue $\frac{1}{16}$ line N. thro E half
of sec. 36-141-31

Beginning at E $\frac{1}{16}$ on S side
sec 36 run N

@ 1198.75 Hub

@ 1680. Hub

@ 2978. center Lake

@ 4735.50 Hub Leane Lake

@ 4835.80 "

@ 5577.75 "

@ 5810.20 "

@ 5956.00 "

@ A7 5942 N the E $\frac{1}{16}$ btw 25-
36 sets W 197t. (at 90° from random).

Correcting [500 3197W] OK.

5942. goes W 197t OK.

5810.50 " W 18.57 OK.

4835.30 " W 15.47 "

4735.50 " W 15.14 "

1680. " W 5.37 "

1198.75 " W 3.82 "

To True M.C.
OK 4 N 81° 13' E 46.5
" 5 S 42° 30' E 5.75
BTS
Paper

OK.
Curio

M. O. Gorman

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(28)

36-141-31

Sunday

April 4 1915

I take 2:21 A.M. train from Hackensack to Walker to figure corrections of lines just run. Room 40 Chase Hotel. Curo and I figure and plat corrections of sec 36-141-31 all day in office

Monday

April 5 1915

In order to rush the work on survey of sec. 36 Curo decides to send Paul R Biese with a new Hurley transit and survey outfit to work in another crew and to run lines while I correct the lines I have already run.

We leave Walker at 9:30 A.M. ar. Hack. 10:1. I buy both tickets $28 + 28 = 56¢$

M. D. Gorman

36-141-31

(29)

252"

Monday con't'd

I figure corrections and
Bessel sets the two Temp $\frac{1}{6}$
cor's. and the temp $\frac{1}{4}$ cor. on
E side of sec 36. but as the
sec is very irregular we
may have to run several
Random and trial lines
in order to determine where
true lines go.

Bath stay with Linneberg
Alb + Thomas cut brush

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(52) 36-141-31

Tuesday

April 6, 1915.

Boice with A. & R. Thomas
run trial E & W center line
from a temp $\frac{1}{4}$ cor. set by
proportion from M.C. N^o 32-5
and SE cor. of sec 36. This $\frac{1}{4}$
cor and line may have to
be changed but we cannot
determine this until we
see how line come out with
accage of lots 6 & 7 sec 36.

Anton Limberg and
I correct $\frac{1}{4}$ lines in E half
of section 36.

Wednesday April 7, 1915

Baese and crew run random $\frac{1}{16}$ line thro S half of sec. 36. Linn runs from temp $\frac{1}{16}$ on E side of sec 36 which has been established by proportion bet M.C. and Twp. cor. but this may have to be changed later.

Linnberg and I correct center lines of sec. 36. Then Baese and I go to Walker to plat the work we have done and figure the acreage of the lots so as to give each fraction of land its correct proportion.

We get to Spains where we go to bed and arrange to take midnight train to Walker

M. J. Gorman

252 :

(2) 36-141-31

Thursday April 8 1915

Lv. Hack at 2:21 A.M.
arrive Walker 3:00 A.M.Sleep at Chase Hotel.
Boese assists Curo in
some survey. They work
two hours in survey of
Shingobee Twp road.I figure corrections in
the office assisted by Curo
and Boese and will
take night train back
to Hack.Slept until midnight at
Chase Hotel.

W.D. Gorman

Friday

April, 9, 1915

Lv. Walker 1:00 AM ar. Hack
1:30 AM P.R. Fare 284. Bed
and breakfast at Spains
R. Thomas and Anton Linneberg
assist me in correction.

As M.C. No 5 sec 36-141-31
is so fearfully out of place
we cannot use it in
establishing the E & W center
line in sec 36. Said M.C.
No 5 is so far N that to
use it would leave no
land in lots 6 & 7.

Therefore we decide to
ignore M.C. No 5 as to
measurements N & S of
land S of Ten Mile Lake but
we will use it in establishing
the lines on land North of
Ten Mile Lake. Namely,
the N 46 cor. b/w sec 31-36
Twp 141-30-31

N. R. Gorman

Apr 9- 1915 ~~206~~ (34) 36-141-31

Friday cont'd

To establish true E & W center line sec 36. we placed a temp Hub on the ice at the pt. for the true $\frac{1}{4}$ cor. bTW sec. 31-36. Half way bTW the SE cor. and NE cor. of sec 36. and run W with due parallelism to the North boundary and the S boundary of said sec. 36. to a pt on the ice in Ten Mile Lake half way between the NW cor. and the SW cor. of said sec 36.
(Point fixed by a binding line true - 141-31. west on ice)

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And the center of sec. 36 we will locate where this E & W center line intersects the true N & S center.

Because the U.S. in their survey of said sec 36-141-31 did not establish the $\frac{1}{4}$ cor. ^{on} E side of sec. 36 and as there is no such cor. ^{in the U.S. notes} exists we cannot

M D Gorman

36-141-31 (36)

Friday cont'd. **252** 4/19/15

follow the rule of establishing
the center of the E half of
this section half way
between the center of the
sec. and the $\frac{1}{4}$ on the E
side but will run the line
the whole mile (U.S. chain)
Straight from the E $\frac{1}{4}$ on
the S side of sec. 36 a mile
N (U.S. chain) to the E $\frac{1}{4}$
on the N side of sec. 36

Apr 9th
1915

(36) 36-141-31
Friday cont'd

Beginning at 4 on S side of
sec 36-141-31. Retrace transit
line N at 6027.50 4 set E 262.28
connecting Back [94351] E. OK

We set 6027.50 E 262.28 to 4
@ 4300 chain E 187.09 where we
set M.C. on S Bk of Bay of Ten
Mile Lake Bts 173: Var. 8°30'

Poplar 10 S 14° 18' E 6.20

" 10 N 87° W 7.45

@ 3537.50 chain E 153.92 OK

@ 3014.20 " E 131.14 OK

@ 2993.20 " E 130.23 (1/2) OK

@ 1351.60 " E 58.88 OK

@ 82.00 " E 3.83 OK

(37)

36-141-31

Saturday April 10-1915

252

In Correction of E boundary of Sec 36

We run a random trial line
as follows:Beginning at M.C. No 5 sec 36-
141-31 already established
We chain S.

@ 388.08 Temp M.C. No 4

@ 410.18 " M.C. No 3

@ 428.66 " 14 Cor. on ice

@ 1748.66 " 16 " " ice

@ 1777.04 " M.C. No 2

@ 3068.66 " Twp cor.

The True course S 1335.94

to 4404.60 and E 310 To true

Twp cor. already established
Correcting []Each Hub gives S. 43535 of a ft
in each ft South and E
.07038 of a ft for each ft S.

[.43535] S [0.07038] E

M.C. at 388.08 gives 168.95 to 557.03 & E 39.20

410.18 " " 178.27, 585.75 " " 41.44-

428.66 " " 186.67 " 615.78 " " 43.30 (4)

1748.66 " " 766.28 " 2559.94 " " 176.65 (4)

1777.04 " " 773.63 " 2550.67 " 179.5

36-141-31

(38) Apr 10-1915
could

252

3068.66 goes S 1335.94 to 4404.60 & E 310.
To true Twp cor.

We find we cannot use this
correct as it would leave no
land in Co to 687 so we
establish the E & W center line
half way between N and S
boundaries of said sec. 36-141-31
as herein before explained

(NG NIX)
The E & W center line thru
S $\frac{1}{2}$ of this section we
establish half way to the
south boundary of the
section and point where
we have established true
E & W center line. (see page
33-36 this book)

H. J. Gorman

36-14-31

(39)

April 10-1915 Could

To establish true pt. for $\frac{1}{4}$
 cor. on E side sec 36 we
 begin at a pt. on Random
 Line 2928.30 7t S of NE cor.
 and 2928.30 " N " SE "
 and 1476.30 " S " MC, N²5
 and chain E 103.90 7t where
 we place Hub on ice for
 true $\frac{1}{4}$ cor. E side sec. 36.

At a pt. on Random Line
 1464.15 7t N of SE cor sec 36.
 and 1464.15 7t S of $\frac{1}{4}$ on E
 side just established
 we chain E 206.95 7t
 and set a spike for True
 S $\frac{1}{6}$ cor. between sec 31-36-
 T141 Tpgs 30-31.

Anton Lunnburg, Bob and
 Albert Thomas Work

252

252.

④ 36-141-31

- Notes Not Used

Notes: From the first correction of the East line of sec 36-141-31 which we afterwards abandoned we run two trial lines west. We kept these notes in special Book and while they are not to be written up in regular notes we record them here.

From 427.66 (see page 39) Base run random center line W at 1506. Base enters lake at 1508 set temp M.C. Hub at 2417 He proceeds N 75 random line.

④ 3573.75 He set hub on Bank of Lake

Missed Stake No 21 3 ft and crossed W line at 2097.35

E & W line 3977.15 ft Long NG

Visit

M. J. Gorman

(47)

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Correcting Bores "Bores" line
E & W center line. [01892]
@ 3977.15 Temp $\frac{1}{4}$ err and see
see S 67.54.

1506 on E Bk of Lake goes
S 43.97.

Temp $\frac{1}{4}$ err. @ 2465.65 goes
S 36.16. To Bores's Temp
Center not used.

@ 3573.75 on W Bk of Lake
goes S 56.10. Set M.C.
8°30' B.T.S. Veg:

Popal 5 S 1°15' E 23.90

W.P. 8 S 87°15' E 53.00

we later removed post
and will destroy B.T.S.

B.T.S. to center $\frac{1}{4}$ 8°30'

W cap 10 South 26.00

W.M. 14 N 67°58' W 35.90

Set post marked $\frac{1}{4}$ see 36-
141-31" which we

later destroyed post
and will destroy B.T.S.

6075

M. J. Gorman

(42) 36-141-31

@ 1514 on E & W center trial line
E Bt. of Lake set M.C. 74.1027 S
Bts 1/2 8°30'

Popal 7 N 55° W 4.50

" 7 S 15° W 23.00

Remained post and will
destroy Bts.

@ 2941.50 in center E 1/2
set M.C. 9.34 7 T W

Changed later to M.C.

Bts 8°30'

252

Popal 10 West 34.20

" " 8 N 55° W 29.50

Stake later moved
and Bts will be destroyed

8 1/2 on E Bt. 1/4 Bts 8°30'

Popal 10 N 17° 30' W 48.95

Popal 8 S 79° 55' W 30.50

Stake pulled up and
Bts will be destroyed

@ 340 Hus

@ 12845 "

@ 7005 "

@ 3194.70 "

Void

Void

(43) 36-141-31

@ 4107.50 Mined Temp
4 cor. 154.17 to N.

Correcting Back:

[3751]

@ 340 gres S +

@ 1284.5

@ 2002 " 3

@ 3173.70 " S 119.40 to

M.C. on Bk of Lake

B7s Veg:

Void

NP 4 North 7.20

Poplar 3879' 3.00

252

2690.75 S 96.54 To 1745.30

thence E 83.63 To temp $\frac{1}{6}$
in center of S $\frac{1}{2}$ Sec 36

B7s 8°30 Veg:

NP 14 - 83° E 107.5

NP 16 - 61°15' W 117.90

about cor's were destroyed
and B7s will be

M. D. Gorman

(24) 36-141-31

And some more preliminary
work reads as follows:

Setting $\frac{1}{2}$ in center of
SE $\frac{1}{4}$

on E & W random line [3785]

@ 1746.75. This gives S 46.10 to
1968, on N & S random

line [003197] thence W

6.79 to temp $\frac{1}{2}$ in temp

center of SE $\frac{1}{4}$

Bts 8° 30'

Popal Stumps 8 S 30° 40' N 275.

" 18 N 27° 45' W 2780.

corner was removed

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36-141-31

(45)

Sunday April, 11, 1915.

We extend true south line
from M.C. on South side
of sec. 36 West on ice
1190 ft and set flag (A) on
ice we then extend true
line between sec. 75-36
1683.45 and set flag (B)
on ice. Distance between
flag (A) and Flag (B) =
6118.00 ft.

At a pt. 3059 ft South
of Flag (B) and 3059 N
of Flag (A) we set temp
 $\frac{1}{4}$ cor on ice on west
line of sec. 36-141-31 and
set Flag (C)

At a pt 1529.50 S of
Flag (C) and 1529.50 N of
Flag (A) we set temp $\frac{1}{8}$
 $\frac{1}{16}$ cor on W side of sec 36
and set Flag (D).

252

(46) 36-141-31

Varying a random line
 near E & W thru center of
 sec 36 for correction
 purposes we correct
 over each hub so as
 to mark true E and W
 center line on a straight
 line between flag (C)
 and $\frac{1}{4}$ corner E side of
 sec 36 and where the
 E & W center line intersects
 the True N & S center line
 we set a spike for the
 true center of sec 36
 and at a pt where
 the true E & W center
 line intersects true
 N & S $\frac{1}{4}$ line we set
 a spike for the true $\frac{1}{4}$
 cor. in center of E $\frac{1}{2}$
 of sec 36.

Correcting E & W center
 line [03384-31.80 S]

at $3955.75 \div 10390 =$
 4059.70 intersect line

on ice between Flags 9 & 13
2458.65 + 103.90 = 2444.75
goes 55.08 to 2993.70 on
N & S Random line
thence 130.737' to true
1/4 cor in center of sec. 36.

Correcting E & W center line
thru S 1/2 Sec 36.

Using a random line
for correction purposes
we correct over each
hub so as to mark a
straight line E & W thru
center of S 1/2 of sec 36-
141-31 and where this
line intersects true
N & S center line we
drive a spike for the
true 1/4 cor in center of
S 1/2 sec 36. This 1/4

Set on a straight line
between Flag (D) and
the true S 1/4 on E line
of sec 36.

252!

④ 36-141-31

To put in center of
SE $\frac{1}{4}$ we drive a spike
where the true NW $\frac{1}{4}$ S $\frac{1}{6}$
line intersect true NW
S $\frac{1}{6}$ line.

correcting E $\frac{1}{4}$ W $\frac{1}{6}$
than S $\frac{1}{2}$ of sec 36,
@ 3058 + 206.95 = 3264.95
gives S 105.98-11 [3243415]
to True MC. on E Bk of
Ten Mile Lake.

@ 910.75 on random
line of chain W 74.25 to
985. + 206.95 = 1191.95 then S
55.55 to 1459 on NW S
random line thence
W 3.66 to true $\frac{1}{6}$ corner
center of SE $\frac{1}{4}$.

We drive a spike for a
true on E Bk of Ten Mile
Lake on a pt. on true
E $\frac{1}{4}$ W $\frac{1}{6}$ line 745.62 feet
W of true $\frac{1}{6}$ in center
of S $\frac{1}{2}$ of sec 36

36-141-31

(49)

2521

We drive a spike for true
M.C. on E Bk of Ten Mile
Lake on true E of W center
line @ a pt 1093.31 ft W
of true center of Sec 36

We drive a spike for true
E $\frac{1}{6}$ cor between Sec 35-36
and mark new Bk as
yellow 81

DWP 10 S 10°30' W 55.10

" " 12 S 80°28' E 84.20

From a pt. on our random
line 478 ft S of M.C. 1/2
32-5 on N Bk of Ten
Mile Lake between Sec
31-36 we chain E
26.6 4 ft. and set
spike for Wattness to
M.C.'s and to mark
line between Lot 2 of
Sec 31-141-30 & Lot
3 of Sec 36-141-31

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⑥ 36-141-31

April, 11, 1915 (contd)

Anton Lumber Co. In and
I work all day.

Tuesday April, 13, 1915.
P. M.

I get work from
Cano that Iron cor.
have arrived at
Ten Mile Lake station
and go there with
J. J. Spain's team
accompanied by J.

Dryer and James Thieman.
We set 2 x 48 in galvanized
iron pipes capped
on top at all cor.^{ns} and
M.C. established 14
of Ten mile Lake. Being
seven cor. in all.

I drive back to Spain
for the night.

36-141-31

③

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Wednesday April, 14, 1915.

I take Spain's team
accompanied by
J. Tieman and the
remaining 13 iron
cor's and drive to Bob
Thomas's place where
I get Anton Limburg
Robert Thomas and
James and
we set 2x48 in. copped
galvanized iron pipes
at all cor's and M.C.
established in and
around sec 36 and
adjoining sec 5.

With Robert Thomas
Anton Limburg, James
as resident
witnesses and
myself M.D. Tieman
we pull up cor's
previously

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SD 36-141-31
Mar 14-1915
C. W. L.

Set and put in
their place the
galvanized iron pipes
2 x 4 8 inches nearly
their full length
in the ground in
a two ft. mound at
the following cor's,

1st SE cor. sec 36-141-31
being at SW cor sec 31
and N boundary of sec
1-140-31.

2nd at E 1/2 cor. on
S side of sec 36-141-31
being N boundary of
sec 1-140-31

3rd at 1/4 cor on S side
sec 36-141-31 on N
Boundary of sec 1-140-31

4th at M.C. No 1-20 on
E Bk of Ten Mile Lake
between sec 36 and 1
between Twp 140-141

252

36-141-31 (53) April 14 1915
continued

R₉ 31

252

5th @ the M.C. on E Bk
Ten Mile Lake between
lots 8 & 9 Sec 36-141-31

6th @ $\frac{1}{16}$ cor. in center S
 $\frac{1}{2}$ of Sec 36-141-31

7th @ $\frac{1}{16}$ cor. in center of
SE $\frac{1}{4}$ 36-141-31

8th @ the S $\frac{1}{16}$ cor. of the
Sec 36-31 741-30-31

9th @ $\frac{1}{16}$ cor. on E Bk
Ten Mile Lake of the
lots 7 & 8 Sec 36-141-31

10th in center of Sec 36
141-31

11th @ $\frac{1}{16}$ cor. in center
of E $\frac{1}{2}$ Sec 36-141-31

12 M.C. on S side
Ten Mile Lake B 7th
lots 6-7 Sec 36-141-31

April 14-1915
cont'd

(24) 36-141-31

25th

13th at M.C. on N Bk
of Ten Mile Lake
between lots 5-6
Sec 36-141-31

14th

Witness M.C.
between lots 3- sec 36
141-31 & lot 2 of
sec 31-141-30

15th

at M.C. N^o 32-5
on N Bk of Ten Mile
Lake between lot 2
of sec 36-141-34
and lot 20- sec 31
141-30

16th

at N^o 6 cor between
sec 36-31-141-31-36

17th

on N Bk of ten
mile lake between
lots 2 & 1 sec 36-141-31

36-141-31 (55) April 14-1915
cond

18 at E $\frac{1}{4}$ cor. between
sec 25-36-141-31

19th at $\frac{1}{4}$ cor. b/w ²⁵²

Sec 25-36-141-31

20th at N.C. N26 sec.

E Bk of Tan Mate Lake
between sec 25-36-

141-31 and N21 are find
already set at NE cor of Sec

36-141-31 being the corner
to Secs 25-30-31-36 bet Twp

141. Rg 30 and 141-Rg 31
as established from old US
B.T.s and recorded in Survey
Record No 171.

on Pag 386-387 Book 17 County
Record book of surveys

36-141-31

Note: Correction of line 10th S 1st Parallel

$$1479.72 + .29 = 1480.01$$

$$646.80 + .13 = 646.93$$

$$2126.52 + .42 = 2126.94$$

$$1320.00 + .26 = 1320.26$$

$$3446.52 + .68 = 3447.20$$

$$1320.00 + .26 = 1320.26$$

$$4766.52 + .94 = 4767.46$$

$$357.72 + .07 = 357.79$$

$$5124.24 + 1.01 = 5125.25$$

Correcting to bdy of Secs 31-

141-30 and 36-141-31 and

N bdy Sec 1-140-31

The total length of this line
checked within one foot

C. L. Co.

July 20-1915.

Wednesday

April 27, 1915

As the U.S. Meander Lines are so much out of place it would be impossible to use them in Retracing the Share line of Ten Mile Lake in Sec 36-141-31. We decide to run a Meander Line along what we consider the Share line and while it would be impossible to define the exact share line on account of various swamps and low lands. We run line to determine the acreage of various lots as follows:

Beginning at SE cor of Lot 5 - Sec 36 run $N 5^{\circ} 32' W$ along true line 500 ft to S shore of Ten Mile Lake

Thence $N 57^{\circ} 30' W$ 1150

" $N 36^{\circ} 45' W$ 1270

" $N 31^{\circ} 30' W$ 345 to M.C.

on E & W center line.

From M.C. West 198.38

To SE cor. of Lot 6

Thence N 42° W 296.61

" N 17° E 359.04

" N 31° W 323.67

" N 8° W 337.64

" N 62° W 488.40

" N 87° W 430. To M.C. on
S 88° W 450

N & S center line

From M.C. N $59^{\circ}30'$ W 340.8

Thence S 50° W 565.

" S 28° W 403.71

" S 02° E 880.

Beginning at M.C. on N
line of Sec. 36 on E Bk of
To M. Lake

Thence S $37^{\circ}30'$ E 377.5 350

" S $54^{\circ}30'$ E 488.450

" S $13^{\circ}30'$ E 350.

" S $37^{\circ}30'$ E 451 450

" N 56° E 300 To

M.C. on SW cor. of Lot 2.

From M.C. on SW cor of Lot 2 Run

S 70° E 266.6

Thence S 48° E 277.20

" N $61^{\circ}30'$ E 306

" ~~S 88° E 530~~ = S 89° E 568 1/4

From M.C. on E & W center line on
E Bk of Lake being SW cor. of Lot 7.
Run.

S 21° E 690

Thence S $13^{\circ}30'$ W 440

" S $35^{\circ}31'$ E 500 To M.C.

on SW cor. of Lot 8.

Thence S $90^{\circ}15'$ E 420 1540 1/4

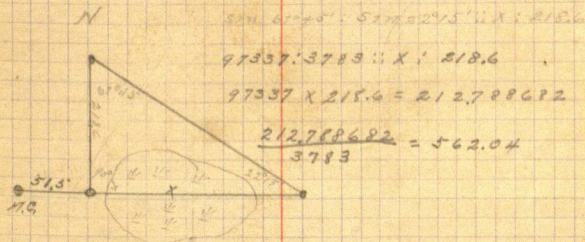
" S $10^{\circ}30'$ E 480

" S $15^{\circ}30'$ E 430

To M.P. No

Thursday Aug. 12 1915

Working for C.C. Ball & G.G. Gudemanson
 Begin at M.C. on E & W center line on
 W Bk of Ten Mile Lake Run E Var $9^{\circ}30'$
 At set Hub to triangulate small
 lily pond Bend Flagman across pond
 set Hub on line. Turn Rt angle run 218.6 ft
 N Turn angle $67^{\circ}45'$ to Hub across pond.



At 51.5 Hub

" 613.54 "

" 1009.54 "

" 1246.2 Missed center cor. to sec 36

9.7 ft. to the S

Correction .007781

Hub at 613.54 goes 4.77 ft N

Run 36.0 ft W on true line to shore

line Turn $127^{\circ}10'$ L. stake out

lots 100 & 250

Friday Aug. 13, 1915

German Transit, Ball Ax

Gudmundson chain Meredith Ax (once
in a while) continue staking note.

55.08

94,
5508

459
79

380

79