

W

407

DEESEN



ENGINEERS

LEVEL BOOK

No. 12

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING

Roadway 16 feet wide.

Side Slopes 1 on 1.

For Single Track Embankment.

407

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be  $30.6 + (20 - 16) \div 2$  or 2 ft. added to 30.6 = 32.6. For slopes of 1 on 1½ see inside of back cover.

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MICROFILMED

JAN 12 1965

DIST

H

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 10
- 11
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- 31
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- 35
- 36
- 37
- 38
- 39
- 40

I  
to be  
of road  
exam  
30.6 =

407.

INDEX

1-80 General Inspection by H.Y. Newcomb

Jan. 2, 1933 -

to

JUNE 1 1933.

Mostly fix caration - Dam,  
Tower  
Spitway.

MICROFILMED

JAN 19 1988

Jan 2<sup>st</sup> 1933.

Tunnel-

1 Man Clean up W end Tun

2 " dress Conc Tunnel

1 P.M. Start dress Crown of Arch Tun Sta 6+30 to 7+00.  
Foreman - McG + 3 m

Place Conc T. Slab + 30 to 57

1 Gun open + 1 Help

1 Dumpman for Trucks

8 men Rem Steel Tunnel

Foreman + 8 men

W Tunnel Plug Exp P.M.

1 Truck + Driver

1:25 P.M. Blasted.

Force Account 12/33. AM Only

Foreman + 3 Men Backfill Tut #5

1 Gen Carp F.

6 Carpenters Int. For Tun.

3 " Core Wall

3 " Helpers. " "

Unit #10 } Grade for West Beach  
2 Trucks }

in Hy Fill See El. 540-560 ±  
1 Dumpman.

Mr Connolly on Work

(" Rahl not here)

(" Wells " " )

Curly Ellison out " Today 1st since  
Flood - accident

DIS

B

10

11

12

13

14

15

16

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31

32

33

34

35

36

37

38

39

40

to b  
of ro  
exam  
30.6

Jan 3 1933

Foreman + 5 men  
 Set three Tunnel Tor  
 2 Carp. Bulkhead Tun  
 4 men put in 4" Pipe  
 to Gun

Cement grusher + keeper

Gun operation

A new clean up more  
 Passing Platform + etc

7 Carp + 2 H. on Tnt Por

1/3/32

Shift\*1 - Foreman + 4 men Backfill Tun 5  
 Complete at 4 PM

2 PM

Unit\*10 + 2 Trucks grade

West Beach E. 540-560 ±

1 Dumpman  
 + More West of Dam + load  
 Spoil Bank Mt for fill on West  
 Beach

4 Carp + 3 Helpers Core Wall

3 men Strip No 3776 " "

11 AM Start Paving T.L.

Mc + 2 men place.

Gun Op + Keeper  
 1 Dumpman

3 Trans Tr

JAN 4 1932.

3 men Dress Tun kin AM. Unit #10 + 2 Trucks Grade

West Beach + Unit 10  
moves to W. Spoil Bank

+ loads Trucks. Trucks  
dump off of E side of  
W. R. Emb at  $\approx 1575$ .

More Steel Form Tun kin

1 Foreman  
8 Men.

8 men Rein Steel to Form

2 men Ex E. Plug Ring  
on W. Side

Ent Pan Structure

+ Camp.

3.7

Jan 5. 1933

1 Man Dress Tun. lining.

Pour Ring in Tun

Mc Foreman + 4 men

gun operator + helper

1 Dumpman.

3 Transit mix Trucks

2 men Ex N. Side E. Pkg.

2 " Strip Ex Por forms.

Ent Por. Brace Forms

Camp F

6 " "

2 " "

Rim Steel Ent Por.  
Steel F + 7 Men

Core Wall

Joe Clean Conc. + Wet

4 Carp.

4 " "

1 Gen Camp F

2 Camp B H Tun. Gun.

Andy + 3 men Grout Core Wall

3 Pumpmen

1 Gen T Mahan.

Unit # 7 + 3 Trucks Strip in  
N.W. along Road Ramp

Mt. to West Beach.

1 Dumpman

Unit # 10 + 3 Truck Using

Mt. from N. Spoil dump fill

E. side N.R. Emb # 575.

1 Dumpman.

Jan 6<sup>th</sup> 1932

+ helper -  
2 men Dress Turbining  
Cone - Sac Poured 5<sup>th</sup>  
Bad Rock Pockets NRS  
just abov. Invert Shoulder  
Not completed in Crown  
at End.

2 Men Strip Bulkhead.  
Mc + 4 men more <sup>steels</sup> form  
(Steve + 2 men set points)

3 men el up Ent Por  
Cone + forms night  
2 men Ex to Plug Gun at night  
Unit # 10 Strip 1<sup>st</sup> & 4<sup>th</sup> night  
7:15 to 2 AM 2 trucks  
X X

Barge 8x14 + Latched West 5  
of Ex Portal + 6" Cent Elec Pump  
being installed.

4 men Ex Tur Plug

3 men Conc gang pipe to Gun

Ent Por 1 Gun F.

(6 Gang out at 2 AM)

11 " keep  
13 " 1 AM

8 three men form Rein

night 6 Gang turn at 7 PM

none 1 man cut Conc out Day.

form 2 men dress Conc.

2 Foremen

6 men

2 truck drivers

1 Camp helper

4 1/2" clearance on

1st form E of Angle

head to end of Tur on S side

Steve night foreman led



Jan. 7<sup>th</sup> 1932 Clear  
Elec + helper Inst 6"  
Elec Ring on bank at  
Ex Point  
1 man. Dress turn Cone + helper  
1 " Cut out Cone nested in  
Lament  
3 Camp Has carry lumber  
in tunnel  
1 Dumpman. Cone  
1 Gun op + helper  
me. Foreman  
3 men placing  
Start pour 650 ± 1"  
4 Camp in turn  
3 men Ex E. Turn Plug  
side walls  
2 Camp Ent Por  
5 men bracing to Ent Por  
2 of the trucks  
4 men m/s plant

1 Gun Camp F  
1 " Lab. F  
Unit # 10 + 2 trucks Strip in SE 1/4  
E 575 - 625 +  
Spire E of dam A.M.  
P.M. Pour Ent. Por. Cone  
2 Camp + helper on cone wall form  
1 Foreman (Tony)  
3 men + pumpman  
Remove 15" snow pipe  
from SE 1/4 R. E. area at E 575  
+ relocate same higher  
to 600 Elev. +  
3 Camp Cone Wall (P.M.)  
Barrel heap

night

Unit # 7 + 2 trucks Strip  
NW 1/4 under R. E.

Unit # 10 + 2 trucks 1 Dumpman Strip in  
SE 1/4 at night + Spire E of dam.

Unit # 10 + 2 trucks Strip SE 1/4  
" # 7 " " " NW 1/4

1/9/33

1 mech + 1 Helper on Barge  
+ Elec Man just same

1 Camp & Strip Ex Por form

2 Conc F Sta too E

5 men ch up etc

Comradly - Rehl -

Stone foreman

Andy "

2 Carpenters

7 Masons

3 train mtr trucks

7 8 men Rim steel

Conc. + Party set leg trim

5 men Ex E. Ring Plug -

2 Camp

4 " Help

3 Ex Por

10 + 95 many red place?  
in Conc Roof of Tur Arch

also at 10 + 70<sup>5</sup>  
Conc 9 + 57 to 11 + 73  
" 7 + 00 to

Sta

4 + 60 to 4 + 70 on S. side

patching over rock pocket  
should be dug out.

Called me Comradly attention  
to Conc patch at 4 + 60 to 4 + 70  
He said loose rock should  
be removed. But man  
on same contd patch without  
removing

Unit \* 2 Trucks

Unit 10 Strip SE. a Ex 575 -  
Pickup  
Spoke 1 of 2 Ret Wall Ent Por

1 Camp Run F

8 Camp

1 " st

Unit # 7 in 500  
+ Rep Am

Conc wall forms 1 B 75

ms 4607 at 5.5 m/min

24600  
4 Road at Setge R. S E 575

4x18 Steel Barge  
K. West 753 P Motor 440 Volts  
3 Truss 60 Ex  
Style 673954 (L A 92464)  
Frame 6450 (Class 1)  
Serial 8013434 (8054036)  
Amp per ton 103. (102)  
RPM at free load 1750 ✓  
50 Cyce. 1450 RPM. 104 Amp  
at ten (96.5)

Direct Connected To Byron Jackson

Type no. 119953 Cent Pump 6" Suc  
5" Disch.  
✓ to Monitor - Joshua Jerdy  
✓ Iron Works S.F. Cal.  
no 1.  
✓ 2" at nozzle of monitor

West Limestone 440 Y.  
60 Cyce

Class 11200-52 Style 552357

Pump  
Payson of (Direct Con) 5" H S  
Factory No 145282. 1500 GPM. 150 Head  
1750 RPM.

Tunnel 1/10/23

2 men on Barge + Pump. 2 men  
2 Camp scaffold etc

7:00 E. in ten to dress  
Cane fur

Elec on lights

2 Cane Firm + helper

Foreman + 6 men

more steel forms

Gun operator at gun

7 steel men Run ten

3 men Ex 2 Ring Plug

6 men Strip Ent 900.

50 P  
1 Gen Emp T

Unit # 10 place Cane Core Wall  
operator + (oil - pump trucks)

2 traco mix trucks  
4 mix plants

1 Foreman Camp - 6 Camp 8"

3 tampers + 1 sump man bucket

Unit # 7 + 4 trucks load mill

from N side below Shore line of road  
1 sump man of road to tunnel

to  
of  
ex  
30.

1/11/33

Unit #10 + 3 Trucks Strip  
in NW 1/4 Spoil in NW Spoil

Area E of Shop.

Core Wall 1 man water Conc C W  
" " " " Ent Port

1 Gen Carp F

1 " F + 1 Carp km  
Rem studs 3' x 4'

Tunnel Plug

3 men for Top F

2 Finishers + helper  
Ent Port

2 Carp B.H. in Tunnel

1 Gun Man + helper

1 Dumpman

3 Foreman

1 man Rep Truck

4 men place

No Pumpmen

7 Steel Mesh Rein in Tuv.

2 Carp + 3 Helpers Strip Ent Por  
Ent Truck

Unit #7 on Road NE 1/4 Dam to Mx Plant  
+ Ex 1/2 mi E of Ent Por BS for  
above road

Trans Sec to 0+16.5

1/12/33

3 men Suss Tru Lin

Foreman + 6 men more pumps

7 men set Rein steel

5 men Ent E. Plug Ring } hauling  
5 " + 1 Trunk " " } cut in line

1 man meters Ent Portal

Unit #7 on Road N. W 1/4 E of Dam

2 Trucks + Dumpman

1 man F.

10 Carp + 3 Helpers

2 of helper water Conc + Strip Ent Por  
Ent 9m

Unit #10 + 2 Trucks Strip NW 1/4

11 Rock Emb Ent 550-625

+ Spoil until W. of Dam

1 man <sup>builder</sup> Conc Wall Ex Soil

1/13/33.

Operator 60 Cat Buck dozen, Elec. + 5 min

more - Steel Barge to River

N. of Ex Por. + launch off skid  
2 of above Camps help. 2 not pump on barge  
7 men Strip Core Wall form etc.  
to 9:30 only. 2 place concrete etc after  
a strip to  
1 water on C.M. Conc.

Core Wall Unit # 10 + 1 Truck for 50 3340

Operator } to 9:30 from then  
Oiler } pump concrete  
Truck driver } to  
1 Laborer } to 11:30  
1 Driller } 1 shift

6 Camp on C.M. forms + help on strip

9:30 Am start placing concrete in

Core wall Unit # 10 2 Truck for

Operator  
Oiler  
Dump bucket man  
3 tamper.

8 Am on ceiling Sta 6+00 ±.

2 Timshans + 1 helper man  
watering concrete lining tunnel  
about Sta 5+50 to 7+00

Placing concrete in  
nearly thru Sec. to Sta  
" at 9:30 Am.

1 Dumpman  
1 Op on gun + helper  
1 Foreman  
1 Gen man  
4 on top platform

7 steel men set Rein in Tr  
between plugs at 8:30 Am.

4 men Ex E. tunnel plug Ref.

At E tunnel plug in shattered R.R.

The timbering does not appear very secure.

1 segment at E edge complete

then 3 segments with one 10x12 + 1 6x6 post

segment at 3' from W. edge unsupported and

splice in plate between this seg + next one.  
To 6x has settled at 6+6 post

North side of Ex for E. Tim  
plug 10x12 under E. Peg  
same as on south side.

then 2-6x6 posts  
1-18" each side of 2nd  
segment. & then none  
to West edge.

Roof held in place by  
stulls to the above segment.  
In head tall there Eng  
that timbers except stulls  
would have to come  
out of Tunnel Plugs.

Mr Connolly & Mr Allen Rod  
in Tunnel at 3:45 PM to  
Sta w. angle. Carter & D.  
2000

1/14/33

Core Wall.

1 Gen Camp F.

1 " " F.

6

1 man water Core W.

2 men Place Re. & Steel

2 men Strip Form

Driver 1 Truck Clean up (Kbr.)

2 men Sort lbr.

1 " lbr to Camp.

Unit #10 on Ex. 5 end Core

Hog N 33 20 1 Truck (collar drives)

1 Driller & 2 men

Told Mr Ellison to dig out Rock  
pockets in Core walls, then  
we could tell. Contact Conc.

1 Carp & helper at Shop.

1 man water. Tun + Ex + Por.

3 Men Ex & Plug + Timber

Core  
Tun 2 Tr. Mx Tr, 2 Ramp on BX

5 Men + helper dress Core Raftin 5+20

1+57  
1 man water Core tun

to 2+17  
1 Pumpman Run op + helper  
Here foreman + 4 men -

1/16/33

No Conc dressers in T.

Scaffold at 5+00±

Set Steel forms Sta

30' Pour start 8:30 AM

Steve King & Foreman Sta

2 Camp on B St.

1 Op Gun + helper

Unit #10 - 1 Truck operator

oiler

5 of #3 to Core Drill Ex.

Tr Dr.

Driller

Place Ex material in N.R. Emb

2 man

Unit #7 + 1 Truck Strip + Bldg

Road S.N. 2. to Core Wall

1 man Dress Core Core Wall

1 " Cut out Rock Pockets

1 Gen Foreman (Curtis)

1 Man Stripping

1 Carp F

1 "

2 men Steel, Forms + etc

#8 Tunnel Back fill <sup>Begin: 9:30 AM</sup>

Backfill 272 + 451

5 1/2

on report

#7 Tunnel Back Fill

328, 378, 117, 392, 464.

1/16/33

one shift only

1 Carpenter 3 1/2 hrs.

9:30 AM to 2:30

1 Truck + Driver 48 min AM

1 man off at 2:30 PM

Ray Foreman

on report

\*7 Shovel at 3 PM was placing Ex from Road Const at mouth of #7 TUNNEL to Backfill with

\*7 Tunnel B.F.

Ray.

1/17/33

1 Foreman

3 Men - B.F.

on at 9:30

\*7 Tunnel Backfill

1/18/33

1 Foreman

5 men

\*7 Tunnel Backfill

1/19/33

1 Foreman

5 men

3 men at 11 AM

\*8 Tunnel Backfill

1/19/33

2 men

Elec + helper Inst Lights.

3 at 11 AM

4 in 8m (3 hours in PM)

11/17/33 Cloudy Heavy Rain fast mts

8:30 AM. Water at Dam {N 3220} = 576.7  
10:30 " " " {E 6060} 576.9  
2:30 " " " 576.9  
Motor + 15" Pump in place but

Disch. disconnected.

6-24" Cor. Pipe 20' long

3' fall

6" over upper end.

1-14" I pipe 200' 12' drop

Moving Equip etc out Town Unit.

✓ Unit # 11. oil.

✓ 2 Cat B.D.

Connolly

4 Foreman

13 men.

5 men in pm (3 men off at 10 AM)

Light Truck hauls 14" pipe AM

off at 2 PM Unit # 7 & 2 trucks. Clean  
up 625 Road on N side 2 hr  
Strip R.E. SE 1/4 Pine Strip  
Dirt N side R.E. E 1/4 625  
Rock + R.E. direct

Core well to 2 end

6:20 PM Unit # 10 & 1 Truck Rock to

N. Rock Comb E. 575

✓ 1 Driller

✓ 2 laborers

1 Camp E

3

+ 2 Camp st.

1 man Strip forms

1 Gen Foreman Mr. Book

Fullison & Mahan, Wells not  
here



1/18/33

✓ Watchmen  
Night 2 men at Dam E. of Ent Por

1/18/33 1 Cat B. D. 2 Pipe for Drains  
at Temp. dam E. of Ent Por

✓ Steve F. & Steve E.  
P. D. operator & 2 men. A<sup>30</sup>

8 AM. Unit #11 from above to G.P.

✓ 1 Carp at Shop. & 2 weld<sup>pm</sup> log

✓ 2 Mech Rep Jumbo Truck  
+ etc.

1 Gen F (Book)

Ex C. M. ✓ Unit #10 & 1 Truck & Driver

2 of #3335 1 Driller.  
1 operator  
1 oiler  
2 men.

Core ✓ 1 Carp F  
Wall 1 Welder 2 h<sup>st</sup>

✓ 3 Carp.

2 " H.

✓ 1 Cem. Finisher. H. & 1 man

1/18/33 PM

14

Unit #7 + 2 Truck & 1 man BK  
Fill in Temp Dam E. of Ent Por  
Cat Bull Dozer & Operator. At Ent  
Por. Level & Clean Ent.

1 Truck Driver haul 2 1/2"  
gravel Back to gravel  
plant & re crush.

Steve F. 1 man in Top

Mr Savage, Mr Daniels, Mr Wolf

Present 245 PM.

1/19/33

✓ Unit #7 Clean up 625 El

Road N side of Dam.

✓ 1- Truck Dump on W side

of E. Rock Emb. at El. 625

✓ Tony dumpman + Shoot rock.  
Road in SE 1/4 El 625 Dirt to W side  
E Rock Emb El. 625.

PM

Unit #10 Level down along

Core Wall + Prep to place Conc  
+ Pl. Conc.

2 hr. pm

2 hr. pm

✓ 1 Men Fix S of #33 to Core Trench  
✓ 1 Driller.

✓ Mr Bock + Sterna

✓ 2 Conc Finishers + helper. Core Wall

✓ Camp Foreman

✓ 3 Camp.

✓ 2 " helpers

✓ 4 men op. the plant

5 hr pm ✓ 4 " place Conc

✓ 2 Gu. mix tr + drivers.

1/19/33

15

✓ Junky Strip E. Plug See back to haggling

✓ 1-60 Bulldozer + Operator

✓ Steve foreman.

4-Men - Strip Bld + forms

2 " in pm at Plug

1 Camp Rep. Gumbo + clean up.

Elec + helper. PM

Took Air tank out AM.

" Scaffold

2 men out Core Trench 2 help.

Rain PM - Clean AM.

1/20/33 Unit #11 Move to Temp Dam

+ Remove 24" Pipe washed out

this AM. +

1/20/33 Unit #7 - operator Rep.  
PM + More to W. side  
off from 4 men dress Core Wall.

" " 1 man General.

8 hrs 1 " take maintenance off Core  
Strip Bolts + Cones etc  
✓ 1 New Foreman Back.

✓ Unit #10 + 2 Trucks + Cat  
move Barges with Hy

Equipment to Hy fill Area.

+ Ex 5 of #33 40 PM

to 3 pm - 1 operator, 1 oiler, 1 Truck Dr.

Elect helper (1 Driller  
1 Man for

1 camp

2 " 1 hr Core wall

2 " the Warehouse Rep. Cement Storage

Told Mr. Ray, Mr. Back + Mr

Connolly to leave West side of

Core Wall unrepaired at Bar

place 3480-3448. Told Mr. Connolly

that Mr. Savage had looked at same

& that Mr. Wood ordered no repairs until

he had looked at same. Mr. C ordered  
work done about 10 AM.

Force Account.

16

1 Foreman Part Time

1/20/33

TUNNEL #7 ✓ 5 men Backfill.

" #8 ✓ 4 " "

1 Foreman (Ray Sears) Part Time

1/21/33

✓ TUNNEL #7 4 men Backfill.

✓ " #8 3 " "

Unit #10 Dir# for RT #7. 1 hr (8 AM checked)  
Operator 1 hr  
Oiler 1 hr

1 Foreman Part Time Mr. Back. 1/23/33

\* Tunnel #7 3 men Backfill to 2 PM

" #8 3 " " 1 1/2 hr.

\* Rain in P.M. + work stopped at AM.  
Finish 8:30  
5:20 PM.

1 Foreman Part Time (Mr. Back) 1/24/33

\* 7 Exploration TUNNEL Backfill

Completed at 9:20 AM.

1 man to 8:40

4 " " 9:20

1/21/33

Unit #10

Ex 5 of N3340

Core Wall

3 of these men from 24564  
clean up lbs

Mr Back Gen F

Core Wall - 3 Conc. Finishers + helper

1 Carp F

2 "

2 " H + Steel men

8 hrs 1 man op. Comp.  
" ± 1 " help. " op clean  
out slide S. Side Comp. Hs.

2 hrs 1 welder. Core Wall

Unit #7 + 5 trucks

Road King 9:30 AM to 4 PM

Total at 3 PM: 6 men + 1 Truck + 1 Tractor  
operator Tractor  
Truck Dr  
Lumber  
(a 70)

No work in TUNNEL

1/22/33 Sunday

1 Foreman Back  
5 men Clean up along C.W.

1 Truck

3 F + 1 H Finish Core W.

1 Carp F } Core Wall  
4 " }  
2 " H } 1/2 Shift

1/23/33

1 Gen F. (Back)

8 AM 1 Carp F (Bill)

2 PM 4 " H.

Core Wall 2 " H.

N3340 1 Steel man

N3416 1 Welder  
Greater Stop  
cut off 2' Grout F.

3 Conc Finishers 9 AM

3 men from Tunnel #8

Clean up along Core Wall etc.

All above off at 12 Noon approx Rain etc.



1/25/33

Carter out. Stares Supt.

✓ Back Gen F

Unit # 1A, Cat + McMillan + 3 Tr

Am load 2 1/2" Gravel send back

to Crusher 1 op. 3 Tr Dr.  
1 op. 10. 1 op. Cat

Ent Por ✓ 2 Men Strip forms (Back)

Pipeline to TUNNEL 2 + Prep to fill

✓ 1 Foreman McGuire.  
5 men. (only 3 Tr)

\* 1 SubT. drill boulder in front  
4 hr.

✓ Am 1 Mixer man. 8 hr + 3 men PM

Ramp + Road S. Side. 2 1/4 mi 625-

✓ Unit # 7 op. + oiler.

✓ 2 Truck + Driver. (9 Tr)

\* Tony Dump Man.

Nest Beach.

Am. Unit # 10 herel down. op. oiler.

Core Wall ✓ 3 Conc Fin + 1 K (+ Take Out Cones)

6 Laborers Clean up along SW

✓ 1 Foreman 3 of these on pipeline + SW  
Camp

✓ 5 Camp.

3 " "

✓ 1 Steel Man.

19

P.M. Unit # 10 Place Conc C.W

operator, Oiler

Dumper.

2 Tampers

2 T.M. + Dr

2 Camp + Camp F N end.  
Back Stares. Roll.

1 Man Clean up N side along  
2 " " E side along

3 men off Pipe Clean up + Tr  
Prep Conc.

1/26/33 Clear. Cool.

✓ Back r Steres ✓

Unit # 10 Place Hackley at Ex Tun 2.

Ready to Concrete 1 1/2 hr.

Strip r level West Beach. - 2 Trucks

✓ Operator 1 1/2 hr

✓ Oiler. " "

✓ Mc Guire + 3 men Install

Hackley Gun in \* 2 Tun + Port Comp

Unit # 11 in Place Sta 4400 on W Side

✓ to Core Core Wall.

✓ 1 Operator + Oiler.

✓ 1 Dump man - carp. to 9 AM

✓ 4 Tarpets. 1 cl up con to 9 AM

✓ 2 T Mx Tr Dr 2 " " to 9 AM

✓ 4 Mx Plant

✓ 1. Carp F ✓ c. w forms.

5: " ✓ " " (1 truck)

1 man cl up to 9 AM then core gang

3 on S.  
2X " "  
CRN " "  
# ✓

Unit # 1 + 2 Trucks in Sta 1 on Road

Stripping.  
Ramps, etc to E 1 590-635

Material placed E. R Emb on

West Side for dirt Planket

✓ 1 Dump man.

1st Truck Clean up Hy fill area

below E 1 575

8 men Cl. up Hy F. Area W. Side.

to 9 AM.

4 " " " 9 AM

3 men on Pipe Lines to Area

2 of these Core Trench P.M.

4 Truck Loads Stripping  
from P. C r Hy Fill Area to  
West Rack Emb E 575.

1/27/33



Strip + kerel down for W. Beach

✓ Unit # 10 + 1 Truck

\* Clean up road to Camp

Dump Mtl in Ramp in NW 1/4

W. side

from Beach NW onto 575 El Road + Road in NW 1/4 + Strip SW 1/4 + AM

✓ 1 Operator, 1 Oiler, 1 Tr. Dr. (1 D. Man)

✓ 1. Crew Foreman + 1 Supt

✓ 2 Steel Men on W. Stock pile Steel

(only 1 P.M.)

Core Wall forms.

✓ 1 Carp Foreman

✓ 1 " "

(1 Gen Ann  
1 in Ex. tim B.H.)

1 Conc P.M. amp.

✓ 2 " " Helpers.

pm. 2 men Strip forms on Sew

Unit # 11 in Placet. Conc Ex

Tunnel # 2 Crew help -

✓ McGuire + Compressor man

+ 3 Laborers Inst Comproct

✓ 1 Conc Gun Man

$$21 \times 16 + 9 = 29$$

$$\begin{array}{r}
 577.5 \text{ P.M. } 21 \\
 29 \\
 \hline
 548.5 \text{ El } 2 \times 0 \text{ 2 Well}
 \end{array}$$

2 men take up 3" Pipe + clean up AM only (+ clean up)

2 " Ex 5 and 32 20' Core Trench Clean up P.M.

4 " at Mx Plant

Unit # 6 to Silt. Bed E. Ch. Cr.

pm. 2 Men 9 AM to 4 Strip forms Wall in Water in 22 El. 548 ±

Elec. + 4 men W of # 2 Well -

Dirt from E. of Dam (Silt beds or Road)

being dumped on W side E.R.F.

at El. 625 Blanketing Rock fill.

Est. of Dirt placed from stripping

on above prior to begin of

above operation

$$\begin{array}{r}
 200 \times 54 \times 3 \text{ Cub} \\
 27 \\
 \hline
 = 1200
 \end{array}$$

on W.R.E. from Strip 60 x 27 x 4



1/28/33

Core Wall.

- 5 Carp (1 off 830)
- 1 " H on Steel 1 nail
- 1 " Foreman forms.
- 2 " H on Lumber to C, etc

Unit # 11 op. } Concrete 5 end.  
 2 T.M. Tr + Drivers.  
 1 Dumpman - 3 Tampers.  
 4 men Mx Plant.

Unit # 10 Clean up Stripping in  
 Hy fill Area along Road  
 El. 580± on S Tr 1/2. Mt. to E  
 side W.R.E. El. 575  
 2 Trucks + Dumpman.

1 Gen Foreman Back 22  
 200 Stones  
 2000 Rohl.  
 Blanket Rock fill on W Side El 625

Material appears to be D. G. + hoar  
 (12 Trucks + 1 Dump Man Shored 67  
 + Caldwell Foreman + 4 men on road)

\* 2 Exploration Tunnels 1/2 full. - 10 Am  
 Mc Guire Foreman  
 1 Gum Man  
 3 Laborers.  
 1 Compressor man.

2 Driller along Core Wall E side Patten  
 2 men Strip Well #1.

1 Operator on Rep # 11 Dugline

1/30/33

### Backfill Exploration Tunnel #1

- ✓ Mc Guire, Clean out
- ✓ Pres. Conc Gun Op.
- ✓ 2 Men (Gorman & Red.)

Ex. P.C. Area 1 Port Comp.  
 1 Driller  
 1 Man. Ex + help.  
 2 " cl up PM.

Core Wall 1 Carp F } W end Strip etc.  
 x 2 " H }

Unit #10 ✓ Op. O. I. & Tr & Dr. Clean up Hy. fill  
 area E of Core Wall dump Mt. E. of fill  
 " at foot Rock Emb

### Drilling Grout Holes S 3340-20.

- ✓ 1 Portable Comp
- ✓ 1 Driller + 2 Helpers. Begin 9 AM  
8 PM

✓ Dress Conc. Core Wall 1 man 9 AM  
 1 " PM

Unit #11 1 Operator on Repairs  
 AM only.

(12 men in PM)

- 2 men
- 2 Carp H } 2 PM
- 2 Drillers
- 3 clean up men

1/31/33

3 men Drill + follow out

grout holes

Sta	Depth Hole	Length Grout Pipe
3331 W	25.5'	21.2'
Cone - N 3340		
3326 E	26.0	21
3321 W	25.5	21
3318 W	25.5	20.6

Unit # 10 Clean up. Hy fill area E of C.W.  
 (1 Truck load) + Conc & PM core mass.  
 Mt to N edge Hy fill E 1.575.  
 1 Dump man ret + Ex along C.W.  
 1 man Water Conc. Joe along  
 3 " Dress Conc. (Ex. Por. PM)  
 3  
 Truck Haul out Clean up  
 lumber PM.

5 men - Cl up + fix along C.W. night

9/14/1932

24

C.W. 1 Camp F  
 " 3 " (1 on Hy Fill Barge)  
 " 2 " " "  
 2 men general cleanup  
 1 Steel man  
 1 Welder. C.W. + Hy Equip. 3 hrs  
 3 PM  
 Foreman McGuire + 2 men Clean up ram  
 Transit + Set Core Gun  
 1 Tony E 2 PM.  
 2 Drillers along C.W.

PM.  
 1 F.  
 1 man Ex along C.W.  
 2 men Steel + Lt Truck Dr + 1 Man PM.  
 2 Conc Tampers on

2/1/53 ✓ Mr Back Gen F  
Unit #10 + 1 Truck Clean  
up Hy fill Sec W of C.W.

El. 535 ± AM only

8 hrs → op. 1 Tr Dr. )  
Oil. ) Not operating P.M.

(J.M. 1 Carp + 1 Helper + Water Cone  
P.M. at Sky on touch -  
Scaffold to drill grout

Hole Sta 3825.

Driller + 2 Helpers + 1

Portable Comp.

- ✓ 1 Carp. F } forms
- ✓ 3 " } #3448
- 4 men place Steel + Helpe  
3416
- ✓ 2 Carp H. } + Clean along C.W.

8m Bars on Pump E. Core Wall.

32 Spoiled Sack Cement } <sup>25</sup> <sub>1</sub> <sup>2</sup> <sub>2</sub> <sup>3</sup> <sub>3</sub> <sup>4</sup> <sub>4</sub> <sup>5</sup> <sub>5</sub> <sup>6</sup> <sub>6</sub> <sup>7</sup> <sub>7</sub> <sup>8</sup> <sub>8</sub> <sup>9</sup> <sub>9</sub> <sup>10</sup> <sub>10</sub> <sup>11</sup> <sub>11</sub> <sup>12</sup> <sub>12</sub> <sup>13</sup> <sub>13</sub> <sup>14</sup> <sub>14</sub> <sup>15</sup> <sub>15</sub> <sup>16</sup> <sub>16</sub> <sup>17</sup> <sub>17</sub> <sup>18</sup> <sub>18</sub> <sup>19</sup> <sub>19</sub> <sup>20</sup> <sub>20</sub> <sup>21</sup> <sub>21</sub> <sup>22</sup> <sub>22</sub> <sup>23</sup> <sub>23</sub> <sup>24</sup> <sub>24</sub> <sup>25</sup> <sub>25</sub> <sup>26</sup> <sub>26</sub> <sup>27</sup> <sub>27</sub> <sup>28</sup> <sub>28</sub> <sup>29</sup> <sub>29</sub> <sup>30</sup> <sub>30</sub> <sup>31</sup> <sub>31</sub> <sup>32</sup> <sub>32</sub> <sup>33</sup> <sub>33</sub> <sup>34</sup> <sub>34</sub> <sup>35</sup> <sub>35</sub> 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<sub>71</sub> <sup>72</sup> <sub>72</sub> <sup>73</sup> <sub>73</sub> <sup>74</sup> <sub>74</sub> <sup>75</sup> <sub>75</sub> <sup>76</sup> <sub>76</sub> <sup>77</sup> <sub>77</sub> <sup>78</sup> <sub>78</sub> <sup>79</sup> <sub>79</sub> <sup>80</sup> <sub>80</sub> <sup>81</sup> <sub>81</sub> <sup>82</sup> <sub>82</sub> <sup>83</sup> <sub>83</sub> <sup>84</sup> <sub>84</sub> <sup>85</sup> <sub>85</sub> <sup>86</sup> <sub>86</sub> <sup>87</sup> <sub>87</sub> <sup>88</sup> <sub>88</sub> <sup>89</sup> <sub>89</sub> <sup>90</sup> <sub>90</sub> <sup>91</sup> <sub>91</sub> <sup>92</sup> <sub>92</sub> <sup>93</sup> <sub>93</sub> <sup>94</sup> <sub>94</sub> <sup>95</sup> <sub>95</sub> <sup>96</sup> <sub>96</sub> <sup>97</sup> <sub>97</sub> <sup>98</sup> <sub>98</sub> <sup>99</sup> <sub>99</sub> <sup>100</sup> <sub>100</sub> <sup>101</sup> <sub>101</sub> <sup>102</sup> <sub>102</sub> <sup>103</sup> <sub>103</sub> <sup>104</sup> <sub>104</sub> <sup>105</sup> <sub>105</sub> <sup>106</sup> 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<sub>139</sub> <sup>140</sup> <sub>140</sub> <sup>141</sup> <sub>141</sub> <sup>142</sup> <sub>142</sub> <sup>143</sup> <sub>143</sub> <sup>144</sup> <sub>144</sub> <sup>145</sup> <sub>145</sub> <sup>146</sup> <sub>146</sub> <sup>147</sup> <sub>147</sub> <sup>148</sup> <sub>148</sub> <sup>149</sup> <sub>149</sub> <sup>150</sup> <sub>150</sub> <sup>151</sup> <sub>151</sub> <sup>152</sup> <sub>152</sub> <sup>153</sup> <sub>153</sub> <sup>154</sup> <sub>154</sub> <sup>155</sup> <sub>155</sub> <sup>156</sup> <sub>156</sub> <sup>157</sup> <sub>157</sub> <sup>158</sup> <sub>158</sub> <sup>159</sup> <sub>159</sub> <sup>160</sup> <sub>160</sub> <sup>161</sup> <sub>161</sub> <sup>162</sup> <sub>162</sub> <sup>163</sup> <sub>163</sub> <sup>164</sup> <sub>164</sub> <sup>165</sup> <sub>165</sub> <sup>166</sup> <sub>166</sub> <sup>167</sup> <sub>167</sub> <sup>168</sup> <sub>168</sub> <sup>169</sup> <sub>169</sub> <sup>170</sup> <sub>170</sub> <sup>171</sup> <sub>171</sub> <sup>172</sup> <sub>172</sub> <sup>173</sup> <sub>173</sub> <sup>174</sup> <sub>174</sub> <sup>175</sup> <sub>175</sub> <sup>176</sup> <sub>176</sub> <sup>177</sup> <sub>177</sub> <sup>178</sup> <sub>178</sub> <sup>179</sup> <sub>179</sub> <sup>180</sup> <sub>180</sub> <sup>181</sup> <sub>181</sub> <sup>182</sup> <sub>182</sub> <sup>183</sup> <sub>183</sub> <sup>184</sup> <sub>184</sub> <sup>185</sup> <sub>185</sub> <sup>186</sup> <sub>186</sub> <sup>187</sup> <sub>187</sub> <sup>188</sup> <sub>188</sub> <sup>189</sup> <sub>189</sub> <sup>190</sup> <sub>190</sub> <sup>191</sup> <sub>191</sub> <sup>192</sup> <sub>192</sub> <sup>193</sup> <sub>193</sub> <sup>194</sup> <sub>194</sub> <sup>195</sup> <sub>195</sub> <sup>196</sup> <sub>196</sub> <sup>197</sup> <sub>197</sub> <sup>198</sup> <sub>198</sub> <sup>199</sup> <sub>199</sub> <sup>200</sup> <sub>200</sub> <sup>201</sup> <sub>201</sub> <sup>202</sup> <sub>202</sub> <sup>203</sup> <sub>203</sub> <sup>204</sup> <sub>204</sub> <sup>205</sup> 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<sub>238</sub> <sup>239</sup> <sub>239</sub> <sup>240</sup> <sub>240</sub> <sup>241</sup> <sub>241</sub> <sup>242</sup> <sub>242</sub> <sup>243</sup> <sub>243</sub> <sup>244</sup> <sub>244</sub> <sup>245</sup> <sub>245</sub> <sup>246</sup> <sub>246</sub> <sup>247</sup> <sub>247</sub> <sup>248</sup> <sub>248</sub> <sup>249</sup> <sub>249</sub> <sup>250</sup> <sub>250</sub> <sup>251</sup> <sub>251</sub> <sup>252</sup> <sub>252</sub> <sup>253</sup> <sub>253</sub> <sup>254</sup> <sub>254</sub> <sup>255</sup> <sub>255</sub> <sup>256</sup> <sub>256</sub> <sup>257</sup> <sub>257</sub> <sup>258</sup> <sub>258</sub> <sup>259</sup> <sub>259</sub> <sup>260</sup> <sub>260</sub> <sup>261</sup> <sub>261</sub> <sup>262</sup> <sub>262</sub> <sup>263</sup> <sub>263</sub> <sup>264</sup> <sub>264</sub> <sup>265</sup> <sub>265</sub> <sup>266</sup> <sub>266</sub> <sup>267</sup> <sub>267</sub> <sup>268</sup> <sub>268</sub> <sup>269</sup> <sub>269</sub> <sup>270</sup> <sub>270</sub> <sup>271</sup> <sub>271</sub> <sup>272</sup> <sub>272</sub> <sup>273</sup> <sub>273</sub> <sup>274</sup> <sub>274</sub> <sup>275</sup> <sub>275</sub> <sup>276</sup> <sub>276</sub> <sup>277</sup> <sub>277</sub> <sup>278</sup> <sub>278</sub> <sup>279</sup> <sub>279</sub> <sup>280</sup> <sub>280</sub> <sup>281</sup> <sub>281</sub> <sup>282</sup> <sub>282</sub> <sup>283</sup> <sub>283</sub> <sup>284</sup> <sub>284</sub> <sup>285</sup> <sub>285</sub> <sup>286</sup> <sub>286</sub> <sup>287</sup> <sub>287</sub> <sup>288</sup> <sub>288</sub> <sup>289</sup> <sub>289</sub> <sup>290</sup> <sub>290</sub> <sup>291</sup> <sub>291</sub> <sup>292</sup> <sub>292</sub> <sup>293</sup> <sub>293</sub> <sup>294</sup> <sub>294</sub> <sup>295</sup> <sub>295</sub> <sup>296</sup> <sub>296</sub> <sup>297</sup> <sub>297</sub> <sup>298</sup> <sub>298</sub> <sup>299</sup> <sub>299</sub> <sup>300</sup> <sub>300</sub> <sup>301</sup> <sub>301</sub> <sup>302</sup> <sub>302</sub> <sup>303</sup> <sub>303</sub> <sup>304</sup> 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2/2/33

# 11 Que. 100,

1 Lt Tr + Driver + 1 man

Clean up + Haul lumber etc.

3 men dress fix Box Cone

1 man West edge of fill Pumpman

Unit # 10 Strip Str Jy fill + Pop  
Op + oi + 1 Tr + 1 Dr

3 men Drill Groat Hole 3825

1 Gen F.

1 Steel man - Take out Cones  
Strip +  
Clean up etc

Feb 1st Recd Cement.

1 man on E Barge Pump. Mchtr

1 Pumpman.

2 men Clean up along C<sup>th</sup>  
+ keep cl up # 1 Ex Tun

2 Port Comp.

1 Carp F. fix two horse P<sup>m</sup>

Mc Guire.

2 men

3416-3440 Bottom Batter to Top Well 20  
3440-3448 Top " " " "

Clean up # 1 Tunnel  
4 men P<sup>m</sup> 5 men 3 A<sup>m</sup>  
1 Cat 1 Ex

1 Comp. 7:35 to 4 P<sup>m</sup>

Mc Guire 1/2 Time.

2/3/33

Elec + Helper + 4 men + 1 Truck

\* Unload 8" Iron dipper Pipe  
El. in SW 1/4 on 575 W. R.F.

Boat + 4 men take up Iron

Pipe in SW 1/4 + Clap PC. Area

Unit #10 + 2 Truck Strip SW 1/4

1 place DG E of W R Emb  
at El. 575. 1 op. 2 Tr Dr  
in Place to Conc #1 Tun + Rep P.M.

1 Camp F. General.

1 Steel man take out Cones

3 men dress + fill Cone Holes  
on C.W. + Drain Wells inside

5 men take down scaffold  
#3825.

1 man fix along C.W.

1 Camp File Saw at Shop + timing

GT Trans 2786212  
2786236

50 KVA Type X Form. K  
" " 22000 in 1/440  
cycles 50/60

Rack on E R Emb E side El 600

very dirty.

1 man op Rep #11

\* + 1 welder. Connect up 8"  
pipe.

Sort +  
3 men Clean up + Burn lumber  
E of Dam. ~~Sort~~ (Cone men)

Rock from Quarry to E R El. 600

" " " to W " " " 600

1 Pumpman

1 man water Conc.

4 men set up along C.W. + Shoot

1 man #1 Tun P.M.

Reht + Cehrailly on work PM

2/4/33 Clear, Cold AM ice along road  
1 Carp F + 3 men Sort hbr  
burn refuse hbr. E of Dam.

PM. 1 Carpenter. Trestles for 8" Pipe

✓ Unit #10 Strip in S<sup>1</sup>/<sub>2</sub> E 1625-  
under R. E. Sec. Mt. to  
West dirt blanket of R. E.

✓ 1 operator, 1 oiler 1 Dump

✓ 2 Trucks + drivers.

1 Pumpman + etc.

Unit #11 - 2 Tr Mx Tr. - 3 Port Comp

Mx plant. Concrete Ex Ton #1

✓ 2 Tr Mx Tr Drivers.

✓ 4 Men op Mx plant

✓ Mc Guire F + 2 men } Place  
✓ 1 Gun Man. } Comp.

Supt Stores

✓ 1 Gen F - Break

✓ 3 men Cl up wires dress Conc Wells

Elec + Helper + 3 men Connect up

8" Steel Pipe line to Pump Dam.

✓ 1 man water Conc C. W.

✓ 2 " cleanup along W. Side C. W.

Supt Mr. Store

Note: I spoke to Mr. Store Supt. about

Rock in S<sup>1</sup>/<sub>2</sub> E Striping operation

and he said he did not have

any one to mount rock with me

and for me to let my conscience

be my guide & take them up  
at once

2/5/33 Sunday

2/6/33 Elec., Helper, 6 Laborers, 1 Comp.  
on 8" Pipe Line E of Dam Area  
1 Cat with same. 2 hrs.

Dragline

Unit #10 + 2 Trucks. 41 + 43 Strip in SE 1/4  
Hy fill Sec. Strip around  
rock + dirt to N. side E  
Rock Emb at El. 625.  
1 op. 1 oil. 2 Tr Dr. 1 Dumpman

Unit #11 Dragline Boom + 1 Truck  
Clean up P.C. Area in N W 1/4  
1 op., 1 oil, 1 Tr Dr. 5 men load + haul

Unit #7. Strip in Hy fill Area  
in N. W 1/4. Dirt to E side W  
Rock Emb at El. 600.  
2 Trucks + Drivers.  
1 op + oil.

Mr Swanson.

Mr. Beck. Gen Foreman  
Swanson  
1 man Water Case

1 Comp F + 3 men Sort hbr + burn refuse  
Centrifugal Pump on Barge E  
of Core Wall operating Pumping  
water out of P.C. Area El 533± to  
N. of dam through 4" duck pipe  
Hole through Core Wall #3442 El <sup>1' above</sup> <sub>Water Sec</sub>

Pressure Tank.

1 Port Comp., Mxer + 4 men grout  
Holes #3326-3337. 4 in <sup>pm clean</sup> <sub>Pattern 7</sub>  
1 man - Holes to shoot Stumps SW 1/4  
Tony + Cat Place Port Comp NW 1/4  
1 Driller.

McGivire + 2 men Tunnel forms



2/7/33

Dragline

Unit #11 + 1 Truck + 4 men CI

up W Cone Wall N 3700 + 2hr  
Strip off E 1/4 Rock to EEE El 625  
4 Men CI up W. C. W. N 3450

Dragline 2 1/2 yd bucket - El 625

Unit #10 + 2 Trucks Strip S-E 1/4

930 A

men to place material on W. Side

Tunnel  
to handle  
equip for  
tunnel

1 truck at 39m -  
E Rock Emb. at El. 625.

1 op, 1 oil, 2 Tr. Dr. 1 Dump  
Strip on E 1/4 by fuel line 9m  
Strip to W. side S. R Emb.  
El 625 +

Unit #7 Shorel + 2 Trucks

Strip on SE 1/4 + Place Mt 1 Red

Clay + dirt on W. side E

Rock Emb El. 625

1 op, 1 oil, 2 Tr. Dr. <sup>only truck</sup> at 39m

Foreman Swanson  
Book ✓  
Tony

Supt Steno 30  
Mr Connally

F. McGuire, 3 men.

1 Cat Tractor  
Transformer to El. 750. 2hr.  
Tunnel Prop to Cone 2 hrs

1 Carpenter F

Trestles on 8.

1 Steel Man

Pipe E. Dam.

1 Laborer

+ n-trestles

1 Team. Elec + Helper + 5 men 8" Pipe  
+ Inst Transformer

5m Cat + Mc Millars grater S W 1/4

Hy F Sec + P.C. Sec.

Tong + 1 Man Drill Stamp Holes +

Shoot in S W 1/4

P.  
1 man + 1 Driller Drille Shoot in P.C.

Tunnel Unit #10 - 0 proiler

Turnbo.

McGuire + 5 men  
Carpenter F

Take up water line Cone Wall

Back + 8 men 345 9m

2/8/33

Clear  
Cool.

Clean up Stamps Roots SW  $\frac{1}{4}$

✓ 1 Gen F, \* 1 F, 1\*  
2 Drillers 7 men

Drill - shoot rock P.C. Sec 3 side

9 Am. 1 Port. Camp.

✓ 1 Supt Stones

1 Foreman Swanson.

Unit # 7 + 2 Trucks Strip 5

P.C. Area El. 600.

Unit # 10 Strip SE  $\frac{1}{4}$  El 625

+ 2 SE El 625 -

✓ 2 Trucks.

✓ 1 Dump man

Unit # 11. Pick up Boulders

✓ Below El. 625 on N side. <sup>MS</sup>  $\frac{1}{4}$

✓ 1 Truck

31

Elec, Helper + 5 men High line

+ Transf. + Powerline on Co. W line

El 750 - - Pipeline

{ Mc Guire + Gun Operator + 2 men  
+ 4 men + 2 fuel mix man)  
On Tunnel Conc Prep

Right Unit # 7 + 2 Truck in SE  $\frac{1}{4}$

Strip Rock to E R F.

1 Driller + 1 Dump man

Tunnel

2/9/33

✓ Unit\* 11 + 1 Truck Clean up  
rock Cable out of NW 1/4 Bl. 660<sup>2</sup>  
to WR-5.

✓ Unit\* 10 + 2 Trucks  
strip below 640 Bl Road  
on N side in NE + NW 1/4  
Dirt to Blanket of E  
R. Emb. + R to Mt. Emb.

✓ Unit\* 7 + 3 Trucks strip  
P.C. Area on 7.  
✓ 1 Dump man.

✓ Swanson.

✓ Back + 5 men Clean up stumps  
etc in SW 1/4.

✓ Tony Powderman S side  
✓ 1 Driller.

1 welder cut pipe along C.S.N.

2/10/33

No concrete to days

SE 1/4

Unit # 7 + 2 Trucks Strip +  
Ex P.C. Sec., Dirt + Rock, etc

625 level E R Bomb

1 op., 1 oil, 1 Dumpman

2 Tr Dr. 1 Foreman (S)

1 Powderman + 1 Driller

Unit # 10 + 2 Trucks Ex

W. side P.C. Sec El 625-

M + 1 to E. Dy fill Sec 8 1/2 + 1 man P.M.

Unit # 11 + 1 Truck Remove

Rock NW 1/4 E 1 590 ± <sup>from below</sup> Repairs

Block + 4 men El up SW 1/4

+ P.C. Area Roots Stumps Sprouts

Turn Bl. + 1 Helper + 5 men <sup>from</sup>

33

7 AM West Pump pumping into

Dy fill area at SW 1/4

E Pump not op until 8:55 A.M.

Evanson said to me at 8:45

that had they come in on

level of Ramp Road 580 ±

the Ex of P.C. Sec on S side

upto El. 610 ± would have been

good shovel work. They made

"mistake"

PM - Cat Trac<sup>+ Driver</sup> + Mc Guire + 2 men

Clean up Rock P.C. W side

1 steel foreman + 5 men

2/11/33

Unit # 7 + 2 Trucks to P.C.

At 1:35 PM

Began stripping S. side El. 625-

Dumping

Dirt on 590. D.G. + Clay to W. side

R. Emb

at El. 625 E. R. Emb + Rock to R.R.

1 op, 1 oiler, 2 Tr. Dr. 1 Dumper

insw<sup>4</sup> (1 Powderman) on N. side in D.C. Area  
R. Emb P.M. 1 Driller. 6 hrs.

Unit # 10 Strip N. side Below

625 El. Road. M + 1 D.G. to E

side R. Emb. 2 Trucks.

Unit # 11 Pick up Rock Below

El. 625 in NE + NW <sup>1</sup>/<sub>4</sub> R to E

Rock Emb. 1 Truck

34

Back + 8 men Cleanup

Brush Stumps etc SW <sup>1</sup>/<sub>4</sub>

Elec. helper + 1 man Start E.

Monitor + try out. with M. Row press.  
3 ~~men~~ 3 hrs

Mc Guire + 3 men Take Tractor <sup>60</sup>  
1 cat ~~back~~ ~~up~~ 2 Tractor to Pull out  
over bank.  
out of W. side P.C. Water backed

in at night when placing

Monitor Barge in water <sup>W</sup> of C.W.

2 men on E. Hy Fill 10 hrs

4 " remove Tank El 750 to 625 P.M.

McG + 3 men Connect up 4" Pipe to P.C.

2/11/33 Begun at 1:35 PM. 2 Trucks at 1:57 PM

Loads of Dirt from Stripping  
6x12yr White Tr #31 in S. E 1/4 Road 625 El. up to

Anteen #45 at 1:57 El 635 + West to Cone Wall.

6x12yr #31 #45 #31  
THH THH THH  
III III III

Mr Wood decided would X Section this

2/12/33

\* 1 Lt Truck + Steel Man + driver

Steel for Tunnel.

✓ Back. + 4 men wash dirt off SW 1/4 El. 575+

7 to 10 6 men temp rock dam 300

W Ex portal Hy process.

10-11 Clean up P.C. Area Dirt N Side.

3 set 11-4 Control Hy fill on E side.

7 to 10 Km Unit #11 Pile Rock on N W 1/4

10 to 5A Repair ✓ op + O/er. to

✓ Unit #10 Clean up N.P.C. Area

✓ 2 Truck Mts. Road & Spoil to Dam

7 to 10  
10A - Strip + Ex PC Area S side  
Mr. Spoil on top  
E Rock Emb  
El 625+

Swanson ✓ Mr. Stares, Supt.  
Unit #7 + 2 Trucks Ex SE 1/4

P.C. Area

✓ 1 operator, 1 o/er, 2 Truck dr.

✓ 1 Dump man, 1 Driller

1 Rammer man

1 Carpenter  
Elec + Pumpman + 1 Man Hy.

+ Pump repairs. Rom } on Hy part  
Row } time.

✓ McGuire + Sness - Cat for Turbo

Set Steel Form Tunnel Lin

Carp. F + 1 Carp + Steel Man \*

Bulk heads & Steel

Told Carp F to get proper Lip Long

Bore thro Bulkhead.

Mr Wood out PM

Mr Albert " AM + PM

2/13/33

0 trucks after 10 AM  
3hr

\* Unit # 10 + 3 Trucks Strip SE

\* Fill Sec 625 El. Place

Clay on W of E R Emb

1 Op. 1 oil, 1 Foreman, Sw

3 Tr. Dr. 1 Driller, 1 P. Man

\* 1 Dumpman to clean up Noon  
of PC

Unit # 11 Chain out rock NW

2hr  
only  
not operated  
after 9 AM

1 Tr + Driver 1 Op + 1 oil

Rock to W R Emb El. 600-

Unit # 7 to Silt Beds?

\* 1 Truck + Driver

1 Foreman Back

8 Labor

Clean up  
Dirt in P-2  
Area El. 580

2 Monitors operating to day

1 Elec + Helper

2 Nozzlemen

\* Note: Unit # 10 Hl. from top Rock Emb El. 600

to W. side E R Emb. 10 hrs no trucks

Truck Silt Beds to E + W fills PM

36

Blanket to W Rock Emb 6 AM

Clay to " " " P.M.

(Cat 60 + Cat 30 Bulldozers  
3hrs 4hrs)

with Unit # 10 P.M. Stripped Mt

from top E Rock Emb El. 625 to

W side E Rock Emb. ~~4 hrs~~

At 4 P.M. More West Monitor

1 Men + Mr Rohr there

1 Carpenter all day

Area on clean up to end 4 PM

J N Williams + Jorer work at Night

2/14/33 ✓ Unit #10 Excavate P.C. Sec  
South of N 33 50. ✓ 2 Truck  
Material to E Emb. Rock E  
Side Dirt W side at E 625.  
✓ 1 Operator, 1 Oiler. ✓ 2 Tr Dr.  
(1 Dump man only. E Emb.)  
✓ 1 Portable Comp -  
✓ 1 Driller, 1 Powderman on  
N side P.C. Ex to S side P.C. at 9 AM

Unit #11 Not Op (in NW<sup>1</sup>/<sub>4</sub>)  
" " 27 at Salt Beds.  
2 Men Water Storage tank SW<sup>1</sup>/<sub>4</sub> AM.  
1 Gen Foreman Swanson  
1 " " Bock.

E+ 2 8" Lines Water to Hy Fill op at 7:30 A

West Monitor extended 100 W of Barge  
+ operating at 7:30 AM. Bock 2 men  
" + 4 " 83.  
" + 6 " 94.  
" + 6 to 10 " 2 men

East Mon. being relocated.

Water E side Lt 551.3 7:30 A. 552<sup>8</sup> 1:30 P.  
" " " 553.5 1 PM

✓ 2 Nozzlemen Monitors.  
E+  
✓ 3 men on Clean up P.C. Area N along  
E 1580 Rd.  
✓ Elec + helper on Hy Pumps Motors etc.

1 Cat<sup>30</sup> More Port Comp W to S P.C. Area  
1 " 60 " West Monitor

E+  
1 Carpenter on W. M. Barge.

✓ 1 " F + 1 Carp + Helper on  
Bulkhead at 3840 Core Wall. etc  
4 men Pipe Lines 10 ft m.



2/15/33 ✓

Mr Rohl on work.

AM. 4 Men on 15 Pipe Line in

2nd + etc. Inst Pump etc

✓ W Monitor operating 7:45 11:5

✓ Back + 3 men

✓ E Men. op.

AM E 557.7 H<sub>2</sub>O W = 557.1 AM  
PM E 558.8 W 558.2 PM

✓ Unit # 10 S.P.C. Sec to 3PM

✓ 2 Truck (1 Dumpman?)  
Core Tr # 3850 - # 3890 1hr

✓ 2 Carp + Helper N end P.C. P.M.

✓ 3 Men E N end P.C. to 3PM.

✓ Swanson.

✓ Tony Ponderman N.P.C. Area

✓ Driller.

Exec Helper Borges Pump Motors Etc

Unit # 11 Not operating N<sup>W</sup> E<sup>50</sup>

Xight Tunnel - No work.

Book 405 1 Driller Core Ex Sand. 1 Port Camp

1 man on each monitor

1 " " " Dimp - Silt dump.

2/16/33 X 77.

38

✓ Unit # 10 + 2 Trucks Ex Core Trench  
(1 Dumpman?)

AM # 3850 - 3890 + Placed Ex Mt L.

PM # 3340 - 3240

on W side E Rock Emb E 1625

Rock to E side E R E E 1625-

✓ Swanson.

✓ Elec + Helper + 4 men install 15" Pump  
1 Carpenter (Port)

West of Dam. + Pump on Monitor.

E Pump to Hy Fill Area 2 PM. op.

✓ Ponderman, 2 Drillers 2 Laborers

Drilling Shooting Quarrying P.C. etc.

Foreman - Back, Rom, Rohl.

✓ E Monitor Op Water 559. 559.5 29m

✓ W " " 558.7 1 Noz Man  
9 AM 559.0 + "

✓ 1 Port Camp via Tractor 10 AM to N.C.T.

AM Unit # 11 Move NW to S.P.C. Area + Chain

rock out of P.C. + C Tr. Area 5-1R3340

PM. move to Shop.

About 130 Ash Swanson if he had  
all stakes necessary N + S Core Tr + Rd. d.

2/16/33 Night Shift 5 P to 2 A

Unit # 10 + 1 Truck

1 Driller 1 op only.

5 Laborers

5 Core Tr. Ex El 600-

M+1 to N. Side E. R. Emb  
at El. 625-

1 Driller + 2 Laborers

on N Abutment

Core Trench Ex

Below 625 El.

West Monitor operating

East " not "

insufficient M+1 to op  
per Mr. Storer.

1 head Rock to 7:30 PM C. Tr.

2/17/33 N+N

✓ Elec., Helper, 2 men + 1 Carpenter

Install Pump N. of Dam P. Line

to Monitors + 1 Flagman Road

PC.  
El 625  
to 1030 ft

Abstract E + N. Monitors Operate H=0 El 557.5

Reports: Back Foreman, 2 Nozzle men,  
Allen Row, + 1 Extra Man.

Unit # 10 + 2 Truck Ex C. Tr N. Side

Below El. 625 Road.

Moved to S. side at 10:30 AM. Core Trench

2 men Ex C. Tr. S. Side.

✓ Powderman + 2 Drillers 2 Port Comp  
Moved to N. Side at 10:30 AM.

2/17/33

Spillway Clearing of Boush + Road  
 + Drill Boulders. Road To.  
 ✓ 7 Men.  
 ✓ 1 Portable Compressor.  
 ✓ 2 Jackhammers + operators  
 ✓ 1 Foreman - Powderman.  
 ✓ 1 Lt Truck + Driver with Steel Part Tires

2/18/33

Spillway - John Connolly.

Unit #11 Lima Shovel. Road

Elev. 625 to N. end (Sta 10) S.W.  
 ✓ 1 operator, 1 oiler.

✓ 1 Port Comp.

4 in PM - 7 men Clear

✓ 1 Powderman  
 ✓ 3 T.H. men drill Boulders in rd

Steve Says has no plans PM.

Neither here I

Ask grade <sup>along</sup> Discharge end. Sta 8 to 10

Clear.

2/18/33

on 37 Fill cable PM. 2 hrs.

✓ Ebe + Halper, Carpenter + 5 men

or 15" Pump Trest. W. of Dam for

Hy Fill Water Control. + 4 Comp Line.

Unit #10 + 1 Truck Core Tr. Ex

✓ 1 operator ✓ 3 Laborers

5 of N 3320.

✓ 1 Oiler.

✓ 1 Port Comp N

✓ 1 Tr Driver

✓ 1 " " S.

✓ 1 Driller

✓ 1 Powderman

PM.

✓ 3 Men Ex Core Tr N of N 3830

Rock- Book 347

Tunnel - 1 Portable Comp + 2 T.H.

✓ Carp Foreman, Steel Man, 2 Conc Finisher

✓ 1 Carp Helper. Chip out Key + Dress

Conc + Etc.

✓ 3 men PM. \* 2 men

\* Mc Guire + 5 men Sort Lumber + burn

✓ scrap W. Spoil Area

✓ Rags

\* Tunnel PM. Fasten Forms down.

2-0 560.3 Hy PM

560.6 2 PM.

40

2/19/33 Sunday Book 41.

2/20/33

Elec, Helper + 6 men Connect up  
2 Carpenters.  
14" Iron Pipe to Pump W of Hy  
Fill Area

Unit #10 + 1 Truck Core Tr Ex  
1 Port Comp Material, Top 300  
5 of N 3340. D.G.  
1 operator Granite  
1 Oiler Placed in W side  
1 Truck Driver of Hy Fill. Al Elbor  
1 Driller Boulderst, W side  
1 Powderman N. Rock Emb Elbor  
3 Laborers.

Core Tr. Ex N of N 3840  
1 Port Comp.  
1 Powderman  
4 Laborers.

Clean up + Burn on W. Spoil  
Mc Guire + 3 men.

Pipeline Comp to Spillway Ray + 3 men

Spillway - Unit #11 Ex Sta 8 to 8+50  
1 Port Comp. John Connolly  
1 operator  
1 Oiler  
3 Jackhammer men 2 helpers  
1 Powderman 3 Laborers Clearing

Car  
Truck 400  
34 = 6.67  
43 = 5.11  
44 = 5.45  
41 = 5.12

2/21/33 41

Spillway Operations

Unit #11 + Trucks 41, 43, 44

Ex Sta. 8+50 E. 1.675 ± 11 Trucks night.

1 operator, 1 Oiler, 2 Drivers.  
1 Powderman, 4 Drillers, 2 helpers  
3 men Clearing, cover pipe at Road.

Unit #9 + 3 Trucks PM.

Stationary Camp. 1 man op.

Core Trench Excavation

Unit #10 + 1 Truck. N 3 to N E.S.P.

1 operator, 1 Oiler, 1 Truck Driver.  
1 Driller, 1 Powderman, 3 Laborers.  
North Side N 3890 ± 1 Powderman + 3 Laborers.

Dynamiter fuser Caps together in Box 5 of Road  
100' E of Unit #10. 9 A.M.

Elec + Helper + 6 men Take up 8" Pipe +  
pumps - E of Exit Portal + Inst in Hy Fill  
Lights to Spillway Ex

Tunnel - 1 Port Comp, 2 J-St, 1 Jumbo Tr.  
2 Carp 3 hrs at Shop (on Hy Fill Pump Inst)  
2 Cement Finishers  
1 Steel Man, 1 Carp Helper  
McG + 3 men dism. Elor Conv. PM. more Jumb  
Removal of

2/2/33

Stores Supt + Row ✓  
2 Port Comp

Core Trench Ex - Unit #10 + 1 Truck

3 of #3340

3 end 1 Op, 1 boiler, 1 Tr Dr. 1 P.M. 1 Driller

8 end 1 Truck, 1 P.M. Foreman + 2 laborers  
All ex. at side to Hy Fill + E.R. Emb.

E. Rock Emb

O'Brien Foreman Parttime 30

✓ 1 Port Compressor, 1 Cat Bull Dozer

✓ 2 Back H. + 2 Driller + 1 laborer.

✓ 1 Powderman Part Time

(Clarort + Tr Lay out Skyes) Templates.

Move - Inst. Pump in Hy Fill PM. from E of Dam.

Removing debris from Summit Pool.

Mc Guire + 3 men + Cat Tr 30

1 Carp Pump Inst Hy Fill PM.

Elec + 3 Men Pipe Line + Changes W. Mon.

4 of these ol. up H.P.C Area PM. + Inst

Spillway Ex

meter to  
E of Hy Fill  
T.E. Rock Emb.

mostly off the side  
some back  
see 1st 359.

Unit # 7 r } Trucks

" # 11 ✓

2 operators, 2 boilers.

4 Driller, 4 Helpers + Powderman.

Welder on Airline - 2 hrs.

1 Cat 30 Bull dozer.

1 Sto. Comp + 1 man op.

3	5	11 AM	X
89	240	5	5
150	13 X	12	3
5		18 PM	X
		14 X	
		200	

X Unit 11 PM  
O Unit 7 PM

220 564 + 1 PM 47

Leads to Rock Emb 1  
" " Hy Fill "

Back  
P.M. E + R Monitors operating - 1 PM - 220 rotap  
E-1 Noz. + 1 ol. Trash Sec Box  
X-1 " + 1 " " " 1 Ex Man  
E Mon. op at 2:50 P. Pressure low

1 Carp T West of Dam 15" Pump Etc  
1 " Helper. etc

Exc + 7 men  
Carp 3 men  
7 me W  
meat 2 men

E. Embankment. Eo has not  
scavenged cleared  
turns attention to some  
nothing done on it.

2/23/33

Coke Trend Ex -

Unit #10 + 1 Truck 5 of N3317

1 op. 1 Oil, 1 Tr Dr. 2 Drillers 3 Lab.

(Foreman Tony) + 2 men N end + Trucks

2 Port Comp.

Hy Fill. Monitors not op. T AM

E man  
begin good. Steve at Unit 10 + Allen Row

E 77  
op. 8 AM on E Mon Barge + Back

McGuire + 2 men remove debris

- 1 cat tractor 20' 4 AM

Carpenter + 2 keepers pipe trench.

Spillway Excavation. Sta 9 ± S side

Unit #11 op. 4 trucks + Trucks ✓  
oil. 8-15-18, 45, 26, 45

Unit #7 op. 2 trucks + Sta 7 + 50 ±  
oil. 20, 24, 15, 12 4 to 8. 5 AM

1 man clearing @ M

1 Stationary Comp + 1 man op.

1 Ponderosa, 4 Drillers, 4 keepers

2 no 56 + 5 8 AM  
43

2/23/33 AM

14 men Hy Fill

Camp + 2 helpers to 10 AM. House 15"  
Exp + Steel form core trail forms @ M Pump 10 to 2 PM

1 Carpenter on New Barge

8 AM Hy Fill Back + Row

1 500 man + 1 help off

1 " " + 1 " " W

1 Manning + 1 Corp W Barge

no line + 2 man line the core trail  
+ Truck + Driver

Rec Camp F + steel man forms PM

Back Est see 575 - 600

2 Jack X + 2 men + 4 men

1 Port Camp

1 60 Bucl Dy.

2/24/33

Core Trench Excavation.

✓ 1 Port Comp + 1 H  
South of #3317 1 Driller + 1 P.M.  
✓ Unit #10 + Truck + 4th trailer  
+ clean up PC Area

St of #3840 1 Truck + Driver + 1  
✓ 1 Foreman 1 Part Comp  
✓ 1 Driller  
3 men

Core Trench Forms + Rein Steel

✓ Carp. Foreman 1 Lr Truck Part Time  
✓ Steel man (Jim)  
✓ 2 Conc Fin. + 1 Carp Helper.

Cat 30 4th operator +  
Tunnel Unit #10 - Oiler +  
Remove dumbor → Mc Guire + Wally  
Clean up Selc Carr. Pm

Spillway - Unit #11 operators Oiler Reg  
" #7 In Shop Part Teeth

✓ Powderman's Foreman.  
✓ A J. H. operator + 2 helpers. (cleaning up)

No 5652 8th

44

Hy Fill - Mr Robt. Row.

Foreman - Back  
2 Nozzle men - 2 Swampers - 2 men  
4 men on Pump

Foreman  
Carp + Helper on Rock Sleds P.M.

15 men Hy Fill 250 Pm  
Rohr  
Row included  
Sled  
Back

TUNNEL NOTES.

Steel forms fastened at 1 Sec 60 to 70 W of W. edge Sec  
3 " 30' E of E " "  
W Trans Sec 0 to 20 "  
" " 25 to 35 "

From W edge W. Gleg 99' Small hole Crown  
120 Deep Scale "  
170 3 Large holes + 3 side

Water running out of holes in Invert

Sto to .4 + 00 ±

0 + 20 to 30 Rock pockets just above Invert

West End. Sec Timbered rot Ex End. Sec.

2/25/33

Unit Pool 220 5669  
9 AM

Spillway

Unit #10 Dragline - El. 700 - 3hr

Strip + Drop Rock to 625 level  
More to W. Slopedam El. 575 + Strip  
Material to W Hy Fill. Truck 435 + 4

1 Dump man

1 Foreman John Connolly

Unit #7 + Truck 11 + 13 1/2 Operator  
Diler.

2 Trucks to 10 AM.

3 Truck

Powerman -

4 Drillers.

2 " Helpers.

Core Trench Ex

#3850 1 Truck + Driver 1 Port-Comp  
5 men I.T.N.

3300 Tony + 1 Driller + 1 Port Comp 1 1/2 hr

Stripping 5:30 1/4 PM.

Unit #10 + 2 Trucks

Material Clay to E Hy Fill Emb 5165

45

E Rock Emb 51575 - 600

So. facing to 113 slope

1 Port + Comp

1 I.T.N.

3 men

Elec, Helper + 5 men + more Trans  
from E of Ent Por + from Comp  
Station

1 man Clean up Brush Str

2 men Rep. Air Line 9 M. (ent or  
1 man)

2/26/33 Operator + driver on  
repairs Unit #10  
Practically no other work  
on this report.



2/26/33 Sunday

2/27/33 Outlet Tower

- ✓ Tony + 2 Drillers + 2 helper
- ✓ 2 Port + Comp. 1 Lt Truck + Driver (Cond. High)  
Cat Tractor 30. 2 J.H.
- ✓ Mc Givire + 2 men Take up Cable  
used in Placing Trans. by Fill Sec  
" Lt Truck also Take up 4" Pipe  
+ General.
- ✓ Unit #10 not operating
- ✓ Unit #11 operator + 1 man El 690 on Repair.
- ✓ Spillway
  - ✓ 1 Foreman, John Connolly
  - ✓ 1 Dumpman. on E Rock Emb El 625
  - ✓ 1 operation Comp Plant.
  - ✓ Unit #8 + 4 Trucks at Elex 700.  
Rock to E Rock Emb. 4 J.H.
  - ✓ 1 operator, 1 Oiler.
  - ✓ 1 Powderman.
  - ✓ 4 Drillers
  - ✓ 3 " helpers + 1 man Cleaning. El 635
- ✓ Elec. Helper + 2 men Inst Transf. El 64
- ✓ Core Trench H. Tony. 1 Truck + Dr + 3 men.
- ✓ 1 man Clean up SW 2<sup>nd</sup> brush. edge of fill.
- ✓ 3 men drill grout Holes

250.5670. 10 AM

46

11:12 AM Mr Stone asked me how  
much rock we had taken  
out of spillway & I had not  
summed it up. Told him we  
were taking up the rock  
above ground before shooting  
same and then estimating the  
amount on each truck as sent  
to dump. He indicated that  
this was about all could  
be done on same

Hazy - Cook

2/28/33 Core Wall Conc.

{ Camp F } Place + forms  
3 hrs. " H +

4 men

4 men Mx Plant

Foreman 2 men drill Grout Holes N3200  
1 Port Comp.

✓ Elec + Helper + 3 men Inst. T. Hy F.  
1 Carp on Lights + Trans.

✓ 1 Truck + Driver 1 Foreman, 1 Driller.

✓ 4 men Clear up 580 El Road

in N. Hy Fill P.C. Area. + Core T.

✓ 1 Port Comp + 1 J.H.

Spillway Excavation

El. 700±

Rock to E.R.E.  
Top Soil + D.G. to E.  
Hy Fill See E. 625  
20' ±

✓ Shorel #8 + Trucks 24x  
Very little rock except Surface Top 6' + D.G.

✓ Powderman F. 1 Dumper  
F Emb E.T. out

✓ 4 Drillers + J.H.

✓ 3 " helpers

✓ 1 man Clearing.

✓ 1 Comp Plant + Op. Brown

✓ 1 Foreman

P.M. only - Shorel #11 + Trucks 243, 45, 23 El. 640  
Mostly D.G. to Hy Fill El. 625-

Mr. F. B. Lippincott here at 10 A.M. ±  
No 570.0  
Back F

Unit #9 Excavate + Grade around  
outlet tower - 1 Port Comp + 1 J.H.

Entrance Portal.

operator; Oiler + 3 men Driller  
(1 m)

3 men on Slope F Rock Emb P.M.  
(2 J.H. + 1 loader)

#9 moves from Outlet T. Ex at 3:45 P.M.  
Ex. down to near top Head wall Ent Por.

Pea gravel Corning in via Trucks from

Lakeside or West of Dam.

Shovel Units 7 + 11 at Shop.

Dragline " 10 on E Rock Emb. El. 625 SE 4

2 men House Pump West of Dam.

Mc Guire 2 men on 14" Pipe Line Green.  
Steel Core Wall. Equip to Ex. Tower  
Lt Cat. Tractor. more Orange Peel Bucket.

March 1st 1933, Clear - Cool

Core Trench N. Abut.

Tony + 4 men

Cat B-D

Outlet Tower Ex. Unit # 10 + Clam

bucket side Cast to N.E. <sup>op.</sup> oil.  
+ 3 Men from Core to Gr drilling.

Surface R. R. Emb. Slope 575 to 600

El. in S.E. 1/4

O'Brien + 12 men

" + 9 " PM

2 men Complete Groat Hole drilling

4 men Clear out Trench

1 Carp F

2 "

1 Steel man

1 Carp #

Core Wall forms + Steel  
#3314-3340

3/1/33

220 570.9 2 48

" 573.0 1.30pm

Spillway Excavation

Unit # 9 El. Foot no Trucks. Side

Cast to lower Ramp.

to 5th  
at 2:30pm  
Cast back

Unit # 8 on Road at El about 615

2 x Truck 1 Comp plant  
4 JH. Dump along road out dam

1 Foreman + 1 P.M. Foreman

2 operators, 2 Oilers

1 man clearing

2 Jackhammer men

3 helpers + loaders

1 Port Comp on Road by Cat Traction

Unit # 8 Rock to R. Emb. (PM) not out

of Spillway Ex Truck #20-544 122 PM  
#23 45 135

Get + McMillan grader on road +

Core Core Wall

2 Trans Mx + Mx Plant

1 Dump man

3 Tampers

Forms

Carp F

2 " X

1 1/2 Truck + dr

Four Time

Lumber

Elect helpers 3 men P. hires to Hy Fill Area

3/2/33 Foggy - Clear.

Spillway Ex.

Unit # 8 on Road to - at El 635  
on N side about Sta. 10 Clear  
up rock shot 2/1/33. 2 Trucks 20, 13  
Rock outside

P.M. Trucks  
24, 13, 20, 34

Spillway Ex + not included in

Spillway Ex Rock. P.M. Rock, Soil  
Spillway Ex DG  
Silt + N. By P.M.  
Rock + ER Timber

Unit # 9 Side Casting above

El. 700 to lower level. to Silt Bed  
2 operators 1 Foreman  
2 Oilers 1 Powderman.  
2 Truck Drivers.

0'Brien + 9 men + Dumpman  
Placing Rock El 575-600 E.R. Emb.  
Trucking Rock from Quarry

240 574.0 49.  
23071

Outlet Tower Excavation

Unit # 10 Operator  
Oilers  
1 Port Comp Erickson + 2 Drillers  
2 J.H.  
1 Lt Truck Part Time  
1 Lead Framing Timber Reed  
1 Carp + Steeper 1 hrs. pm  
50x 3x12x6  
16- 10x10 Bolt

Core Trench Ex N. About.

Tony + 1 Driller + 4 men  
1 Port Comp + 1 J.H.

Unit # 7 + Trucks 25, 23 39, 31, 15

Silt from 400 E of Control Mch Shop to N Emb

1 Carp, 1 Carp + House Trans. KE hrs  
" " " " " " " " 2 1/2  
" " " " " " " " 3 "

Core Wall Core PM

1 Dumpman, 3 Tam pers 2 Tr Mx Tr + Dr  
4 men Mx Plant

Core Wall Lumber Reed

266 P. 2x4x12  
Load 1x6x12+18'

3/4/33 A.M. Clear - Hazy P.M.

### Spillway Excavation

Unit #8 + 4 Sterling Trucks

excavate along Ramp El 675

to 710± in SE direction; to big

Shot PM 3rd on E side El 725±

Rock to ER Emb + Dirt DG to

N Hy Fill at El. 600--

- ✓ 1 Foreman
- ✓ 1 operator, 1 oiler, 4 Tr Drivers
- ✓ 4 Driller
- ✓ 1 PM Foreman
- ✓ 3 Helpers. 1 man clearing
- ✓ candy wagon
- ✓ Comp Plant + operator

### Outlet Tower Ex

Clamshell

2 J.H. + Port Comp.

Unit #10 grading back Ex around

✓ Operator, oiler

✓ Tony + 6 men Ex DG.

Erickson

Mc + Traly + Herman + Lt Truck 10 ex Timbers

← men + blocks to ER Emb

pe Area  
clean up  
Tongues  
men 2  
2 hrs  
with Tamer

Mr + Mr Hellman San Diego

2nd 8 AM 575

50

Elec. Helper + 3 men on Powerh

Tony + 2 men on N Abut El 580 Pump

Concrete being placed S Abut. AM.

Core Wall - PM 2 Abut forms

Comp F + 5 men  
Holder 2 hrs

Core Trans Grout Holes N Abut

✓ 3 men drill

3/3/00 AM. Clear. No 5740

700 on N edge

Spillway Excavation El. along Ramp

Surface Cut 700 to 750 El.

in N.E. direction Cut 8 to 15 on

uphill side not necessary to  
except boulders.

Shoot <sup>4</sup> per Frank Maleta

Unit # 8 Trucks 42, 45, 39, 43  
D.G. silt. N. Hy Fill + Rock to E REELS

✓ 1 Foreman. 1 Comp't operator

✓ 1 Powderman.

✓ 4 Drillers

✓ 3 Helpers.

Most rock lies near Surface (6') so far

Spillway Ex. Elev. too on South Side

Some very large rock from Sordom  
20'

Outlet Tower Ex

Clamshell bucket - Port Camp  
✓ Unit # 10 Rehandle material (D.G.) to

South of Int Por from OT. 1 operator  
1 oiler

✓ 3 men framer Ex. - (2 HX + Port Camp)

Shovel  
moved to El 680

W side 3PM

N. Abut. Ex. Approved to N39 00 El. 592<sup>51</sup>

Core Trench Ex N Abut. + cleanup P.C. Area N.

1 Port Camp

Tony Dehueat + 4 men 1 HX

Iman Clean P.C. Area N abut NE El  
2 " " " " S " SW El

(Carpet Tony + 7 men on N Abut PM)

Core Wall. 5 Abut

✓ Camp F 5hrs

✓ 1 "

✓ 1 Steel man 5 hrs

✓ 1 Camp X

3 Labor Clean shrs

Forms - Steel +  
remove laistance

L+ Truck

Mc Ginnert 3 men

Elec + 3 men + 1 Elec Helper

Timber for Core Wall forms  
and other use etc etc  
+ general

New Elec work  
Power line to Mxer.

3/5/33 Sunday no concrete

Supt Jones & Allen Row

### Spillway Ex

- ✓ 1 Comp Plant + Op
- ✓ Unit # 8 Side Casting El 675
- Road N Side Spillway 830 AM
- ✓ Unit # 7 Side Casting El 625
- at N Side 830 AM 1 Truck at 1 PM
- ✓ 2 op. 2 oi.
- ✓ 1 Powderman
- ✓ 4 Drillers
- ✓ 3 helpers
- ✓ 1 Foreman.

### Core Wall S Abut forms

- 5 S Abut PM. Camp Foreman. ✓ N abut <sup>Steel</sup> PM
- 1 Corp F) 2 Abut PM ✓ 2 Carpenters
- 1 " " ✓ 1 Steel Man
- ✓ 2 Men (1 Mx Foreman)
- 1 welder 2 hrs
- 4 men drill grout holes N Abut
- 1 men ~~at~~ CI N Abut E 580

### Outlet Tower Ex

- ✓ Unit # 10 Port Comp 2 1/2
- ✓ Operator, Oiler, Foreman
- ✓ Tong & 5 men

McGuire 576 ±

3 2' Dia Holes in floor

2 - 10'

E Beach

East Rock Emb Surfacing 575-600 El  
@ Brian & 9 men

### Road E of Dam N of River

Unit # 10 on Repairs. AM Side Cast PM

McGuire & Herman + 14 Truck

General clean up P.C. Area & Pump  
1 head lbr to E.R. for Core W forms  
Remove debris from the pool.

3/6/33 AM - Clear.

Spillway Excavation

Shooting  
at El 590±  
Spillway Sta 12±  
DG + no  
Boulders

Unit # 7 + 4 Trucks  
T.W. H<sub>2</sub> Fill El 575  
H<sub>2</sub> Fill  
Area C. Silt - DG. to W. Emb  
1 Port Camp

Shooting from  
Surface down  
El. took 750±

Unit # 8 + Trucks 175 El 725  
on S end ramp at lg rock  
on S. side Spillway.  
Exc outside lines on turn  
Material large boulders, DG + Soil.

1 Foreman, 2 Operators, 2 Oilers  
3 Truck Drivers, 1 D.M. Foreman,  
4 Drillers, 4 Helpers + loaders.  
Comp. Plant + operator + 1 Port Camp

Amend drill grout holes N Abut  
2 Carp. forms " "

Truck Bodies 12x7 x 3 1/2

No 376-8 8 AM

Outlet Tower - Excavation Port Camp

Unit # 10 - operator + Oiler.  
Erickson, Tony, 3 men.

2nd Set Timbers Set

Regon Conc 945

McGuire + 2 men in truck  
Gamer 1



3/7/33

No 578.2 6km  
579.8 3PM

Core Wall forms 5 About - (4 Carp, 1 Onel, 1 Carp)  
1 Mx Foreman, 1 Mx  
1 Joe Indian, 1  
1 Station Steel Man  
1 Red (Carpenter)  
4 Men Drill Grout Holes 1 Port Comp. 1 Mx  
McGuire - 2 men + 1 Truck form bumper

Outlet Tower Fix - Unit #10 1 Port Comp 1 Mx  
operator, oiler, Foreman 4 men  
3.1

Spillway Excavation

31, 34, 45 AM.

Unit #7 + 3 Trucks E1 610' Mt. DG

+ Soil to N. Hy Fill + Side Cast.

(Road to Dam Side Casting S of Spillway E 610' PM)

Unit #8 + Trucks 15. Rocks, SRS  
DG + Soil 1 Mx

1 Comp Plant 1 Port Comp 4 Mx  
1 Foreman 1 Powderman F.  
2 operators 4 Drillers  
2 oilers 4 Helpers  
6 Truck Drivers (3 in PM)

McGuire & 8 men Gen. Most of Dam + Temp Dam  
+ Truck  
Remove pipe from N. Tower Form No 43

Tong + 2 men Cl. up N. Side E1 580. PM.

Spillway Exc.

No 580

3/8/33 54

Unit #7 on 575 level 400' E Mch Shop  
Trucks 2, 3, 4, 3, 34, 26  
Mt. DG + Soil.

Unit #8 + Trucks 15, 3, 31, 15, 3, 25, 3  
Ex at E1 725'

Soil  
near & Spillway  
1 Foreman, 2 operators, 2 oilers, 1 Tr Drivers  
1 Powderman F, 1 Comp OP  
4 Drillers, 3 helpers, 1 Clearing

Outlet Tower Fix

2 men 2 skips  
Unit #10, 1 Port Comp 2 Mx  
1 operator, 1 oiler, 1 Foreman  
4 laborers.

Core Trench

4 men drill Grout Holes N About  
1 Motor Tr + motor laborer 1 Port Comp

(Tong + 2 men Clean up RO Area 1 Mx  
Elev. 580 + 2 men + Tong. Hy Fill Pumps Motor  
McGuire + 2 men Gen + Hy Fill. Pumps)

Core Wall 1 Carp F, 1 Carp 2 hrs - to Shop  
2 " Burt + Red. 1 S. 114  
1 Steel man, Joe, Rog  
2 men, Cl up 580 (Carp) 1 man PM

(1 Cons on Hy Fill A ho)

Comp. F. Jim, Joe + 2 men place  
2 Trains + trucks + An  
4 men mix plant.

3/9/33

2nd 581. 9 AM.

about 25 below Top Timbering  
3rd 3er Timbers

Outlet Tower Ex. Unit #1 Comp Plant  
1 Foreman, 1 operator, 1 oiler, 1 laborer  
(Mx Crew) 2 Men on Powder House for Tower  
4 ft.

Spillway Ex. 1 Comp Plant, 1 Part Comp

Unit #8 Ram NB El. 740-750  
15, 18, 2A, 25, (10)  
Trucks

Unit #7 on El. 575 West Trucks

Soil & D.G. to W. Hy. Fill Sec. Unit #1  
Rock to " " + E " " 8

- ✓ 1 Foreman, John Connolly
- ✓ 2 operators
- ✓ 2 oilers
- ✓ 1 operator Comp Plant
- ✓ 1 P.M. Foreman
- ✓ 4 Drillers
- 3 " " Helpers & loaders
- ✓ 1 man clearing Top Spillway

Elec. Help & 2 men Power line to Hy. Fill

2 men & Carpenter Clean & Strip forms

Core Wall - Abut Forms & Steel.  
Carp F, Steel Man, McGee  
3 Conc. Tampers.  
Subst. 3 Carp & 1 Helper forms.

4 men drill etc Groot Holes & Abut & cleanup  
Pow Comp & Pot tank & water lines

3/9/33 XTR

55

Note at about  $\pm$  of Spillway

at about Elev. 730 Shovel # 8 is North

of Area where very large boulders

extend 30 ft into ground and is Ex

in Grey Granite disintegrated. Cut is

about 25 ft deep and back of where

affected by shooting and machine is

loading trucks

245, 255	155, 185	
11 Cap	11 Cap	11 Cap
11 Cap	11 Cap	11 Cap
Loose Measure		

to h. Hy fill Sec.

43870 to 3900

Blow out groot holes & Set groot

pipe - 1 Mixerman & 1 man

groot holes would not

hold water indicate

porous ground material

holes blown with air and

water & pipe can be set with

curbap & wood wedges.

3/10/33 AM. 2552.7

B.M. Top Tim 655  
3(8'-4") + 10' + 10'

Outlet Tower Excavation:

Unit #10, 1 Port Comp, 2 A.H., 2 Box Sheds

Mtl. D.C. + Boulders at bottom 3<sup>rd</sup> Set Lin

1 Foreman, 1 operator, 1 oiler, 6 laborers

2 Men on Powder House

(Carp. 4 Carp, 4 men N. About PM)

(4 men Clean up S.P.C. Area PM)

Core Trench - 3 Carp + 1 helper

3 About forms.

1 Man Clean up S.P.C. Area

Placing Conc. Bill, Tim, 3 men Tamping

2 T. Mixers Drivers, 4 Men at Mix Plant

\* Conc 5 1/2 hrs  
from 2 1/2 hrs  
clean area to 1300 W.

(McG. Herman, Nally Hy Fill - Pump Int)

Spillway Excavation:

\* on 600 ft  
level  
Sta 9+75 near  
Down rep 230.4

Shovel #7 at Sta 11+0 at El. 578.4 Trucks  
Soil + DG to W. Hy Fill: (has been shot with powder)  
to W. Hy Fill.

Shovel #8 at El. 730 Sta 14 Ramp to NE

3 Trucks 25, 23, 18 DG + Rock + Bl

1 Comp Plant, 1 Port Comp A J H

1 Foreman, 2 operators, 1 oiler, 4 Drillers

1 Powderman F, 3 Headers/Helpers, 1 man Clean

Drilling + Loading Snake Holes 30'

deep Spaced 20'  
along Ramp Road to NE El. 725

about 20 to 40' below original ground

Surface very Rocky S of E + DG

and practically no boulders below

surface N of E. Grey DG to 6 or 8

feet of ground (average) then brown

red clayey soil. At 9:15 AM 3

of these holes were shot with

battery about 75' from hole. I stood

about 125' from hole in open no

rock danger except heavy jar

tends to loosen jar off DG + loose

boulders along face of cut

Truck serving Units 7 + 8 do not quite

keep Units busy all time

3/11/33 xru

Core Trench Ex 3 Men S. About 8:30

1 man Clean up along ...  
N. A. B. Forms - 1 carp. F. 4 Carp. (Walden) Steel Man 2  
SAG PM 3 " r. helper.

Outlet Tower Ex. Unit # 10 - Gamshell  
1 Foreman Erickson, 1 operator, 1 oiler  
6 Men.  
\* 4 " in Q.M.

Unit # 7 S of Spillway to NW of Dam  
op. oil, 2 Trk

Shipping Road + Mt. to Hy fill Sec. Rock  
to NW's El. 620. Rock E.  
4 loads Road to NW.

A new chain to PC area

Spillway Ex. Unit # 8 El. 725 near E on  
operator, oiler

W. Slope Mt. mostly D.G. to E. Hy Fill

Trucks 20, 25, 31, 23

(1 Carp at Cement N. X PM)

Comp Plant, Port Comp 4 J. 2.

1 Foreman, 1 operator, oiler  
1 Ponderman, 4 Drillers, 3 loaders, 1 helper

\* 2 men PM Clean up Grass Sp in NW Hy Fill  
Outlet Tower Ex

#20 585 3PM

Outlet Tower Ex

257' Above Surface SW's Hy F. 11 S. 1  
+ 3 Trks (20 587.2) 3/13/33  
2PM

Spillway Ex.

Unit # 9 + Truck 43, 45, 31, 34

El. 580 + 500 E of Shop Sta 1089

Mt. to W. Hy fill. D.G., brown Soil

deep here on South Side.

Unit # 8 + Trucks 15, 23, 24, 25 El. 740 +

on Ramp to NE Sta 6 + 80 50 S.

Has been shot here D.G. + top

Soil. D.G. grey takes out very

easily, after Snake 30 holes

shot: 50 to 60' face.

1 Foreman, 2 operators, 2 oilers

8 Truck drivers, 1 PM, 4 Drillers

Outlet Tower No Work Top Timbering 605.

Bottom 3rd Set Type 599.

Port Comp Erickson

Core Trench 2 men

Core Wall Carp F. 4 Carp. 1 Steel Man, 1 helper

Unit # 10, opr oil.

2 men Clean up SW's + 2 in SE of PC.  
(McGowan Pumps to Hy Fill) + steel.

3/12/33 Carp Foreman Water Conc.  
Joe + 2 men 1/2 day Clean up  
SW 4 grass + etc. move  
Chutes etc

Operator on #7 + 8 } Repairs  
Oiler " " " }

3/13/33 Csm. McGuire + 2 men Lr Truck  
Haul Rein Steel to Core Wall.

(South of Shop)  
Unit # 7. W. Spoil Bank Mat  
to N. Hy Fill Trucks 45, 43, 73, 70, 71

3/14/33 320 587.8 11 PM 58

3 men Clean up Hy Fill Area SW 4  
S Abut  
Core Wall Foreman. Carp. F. (2 1/2 Shop Fld 10 AM)  
N Abut 3 Carps 3 men  
" " Helper:  
McGuire + 2 Men Chutes. Steel Mat (James + 2 men) Rep.  
Core Trans Ch Ex. Erickson + 5 men. Unit # 10  
N Abut Clears up PC Area + Strip # 1 Truck + Dr  
Rog + 3 men Clean up + Chutes etc  
Cone + off 1 PM  
1 Carp Helper Clean Prep. Conc N Abut  
1 Cement finished PM. N Ab.

No Work Outlet Tower.

Spillway Ex Unit # 8 + Truck 29, 18, 34, 25

1 Foreman, 1 Operator, 1 Oiler  
1 Powderman F + Drivers. 4 loaders  
+ helpers.

Bill, Jim 4 Men + 1 Carp

3/15/33 Cloudy

No 588.0

- ✓ 1 Foreman Erickson
- 6 Men Clean up P.C. Area + Hy St
- 2 " " " " " " " "
- 2 Elec men on P.L. Sw
- Unit \*10 - op + oiler. C Tr Ex S Abut
- ✓ 2 men   
 2 Camp Strip forms " "
- 1 Truck + Dr with unit \*10 " "

Concrete of Abut

No Work Tunnel or Outlet Tower

Spillway Ex Fl. 700+ on S side Sta

Unit \*8 + Tr 18, 20 Rock to ERE

DC + Soil to E Hy Fill.

1 Foreman, 1 operator, 1 oiler. 3 Tr Dr.

✓ 1 Powderman, 4 drillers, 3 helpers, 1 Dr.

A new chum 8m (is from new plant)

59

\*8 Unit Thew Gas Shovel. of S.W. Ex  
Boulders at 700+ on S side  
of West Slope. Many large  
boulders to this level.

Driver on Truck \*18 on 14<sup>th</sup> checked  
13 loads rock. I have 14 loads  
for Truck 18. He said he may  
have missed load. I might  
possibly have wrong No on  
load.

(Unit 7, 9 loading in Spoil bank to Hy)

3/16/33 Clear Rain night  
Outlet Tower - Foreman, Unit 10 - Op + oil + 1 man

Core Trench Ex Groat Holes  
1 Truck + Driver, 2 Port Comp, Unit # 10 - Op + oil - 2 Water liners  
K to 1:30 PM 2 Hr outlet Tower  
1" on Rep. Elec. Comp  
1 Foreman  
6 men (5 Men drill Groat Holes PM)

Spillway Ex. Unit # 8 + Truck 23, 18, 26, 25  
Comp Plant, 4 Port. Comp, 4 J. H. W. Men  
2 men Clearing E end  
1 Foreman, 1 Ponderman F  
1 operator, 4 Drillers  
1 Oiler, 3 Loaders + Helpers  
3 Truck Drivers  
2 J. H. Men + helper. E end.

1 man Cleanup SW by R. B. Areas but Sta 5 + 6 N of # Putting down deep holes for shot from surface (25:30)

Mc Guire Lt Truck 2 men Steel to Core Wall  
Rpts Gen. Contr. 3 hrs Turnover Groat Equipment " Trench  
More Rein Steel Stock Pile on W Spoil Area out of way of loading to E end

PM - Mx Plant - 2 Tr Mx Trucks  
1 Foreman, 1 Dump man 3 Tampers  
1 Conc Finisher + 1 Carp Helper dress X  
2 Carp on forms  
1 " + 1 man at Shop (Fld.) on Nch Timber

9:25 AM.  
Spoke to S.C. about too much dirt in Rock to ER Emb. 27.9. 8 op.

Core Wall

3/17/33 Rains Light last night. (2:20 590.3 8 AM 60)

1 man Cleanup SW  
1 Cement finisher + helper S. Abut  
Roy + 2 men Prep to gROUT " " " 4 Port Comp. Prestank + Mixer  
3 men drill S Abut Core Groat. 1 Port Comp 2 Water liners. 1 rmping

Outlet Tower Ex. Unit # 10, Post Comp operator, Oiler, Foreman.  
4 Laborers (2 Drilling)

Spillway Ex. Unit 8 Side Casting  
PM at El 700. 3 Truck + Emb 20, 23, 25  
3 men Clearing E end.

1 operator, 1 Oiler, 1 Foreman 1 P.M. For  
4 Drillers, 3 Loaders helpers.

Unit # 7 at 9:30 from Loading W Spaj. 1 Rock, frogs 640 Lateral to E.R.E. Tr 26, 24, 18  
Op. Oil. 3 Truck Dr. (14)

N. Abut  
Core Wall forms - Carp F, 3 Carp  
Steel Mans 2 Laborers

Mc Guire - 2 men + Lt Truck (Clean up + more steel on W Spoil Area 3 hrs) Form 1 br.

3/18/33

no 571 v 1122

Outlet Tower Ex - Unit # 10 op + oiler

\* 1 Foreman Part time

1 Laborer

Mc Guire + 2 men Comp. Plant

5 Abut.

Core Trench Grout Hole drilling

1 in time-op.

2 Port Comp, 2 water liners

\* 1 Foreman, 4 men (misc)

W 4 but #1 C.F. 3 Carp. 1 Steel man 3 Tamper

3 Foreman

4 men Mc Plant + (Royal Man 5 Ab PM)

✓ 2 men dress Conc 5 Abot C.W.

2 Elec helpers Power Lines to 24

2 men (misc) → 1 man Clean up SW in Roots 24

2 Port Comp + 2 H. E end.

Spillway Ex Unit # 8 + Tr. 2, 25, 26, 20, 34

✓ 1 - 3 Men Clear Eend. Drill helpers

(4 Driller # 11)

2 Driller " " + 2 men 24

1 Foreman

1 operator

1 Oiler

1 P.M.

4 Driller

4 Help + Load

61

3/20 Sunday R.M.C. Book 411.

Rest to here



3/20/33

220 592.0 8 AM

Spillway Ex - Unit 7 Side Cast

on 650 to 675 level W Side Slope  
830 + Ex on 700 to 740 level.  
24 20's

7 Trucks

Unit # 8 + Truck 25, 26, 23, 44

Elev. 725± at Wedge of Ramp to H<sub>2</sub>

- ✓ 1 F.
- ✓ 1 Pow. M. F.
- ✓ 2 Op. 2 oilers
- ✓ 4 Drillers W. end.
- 3 " Helpers + Leaders.
- ✓ 3 men Clearing E. end.
- 6 " Drill E. end P.M. 2 Comp. 4 J.H.

Outlet Tower Ex 2 J.H.  
Unit # 10 on W Hy Fill W. Slope  
El 600 - Drilling, etc  
1 Foreman  
5 Men

- 1 Port Comp & 2 J.H.
- 2 Drilling S.H. & Rock Emb. See El 575 - low
- ✓ 2 Cl. op. P.C. Area S.W. 1/4
- Unit # 10 - Op. O. Shape W. of N Hy F. Slope  
for Rock Emb. El. 600 -

220 593.6

6 PM

3/21/33

Outlet T. Foreman part time. 1 Port Comp

✓ 3 Men Drill S.W. Rock Trench

AM 3 men Clear up S.W. to Hy Fill PC Area

Core Wall. S. 1 Camp F, 4 Camp

1 Steel Man (1 Rigger + 2 men + 2 J.H.)

1 Camp Helper, 3 Labor (Joe)

1 Cement finisher

1 Mx Man Extend Groat Pipe

1 Man Clear up SE to Hy F Area. AM

Outlet Tower Ex 1 Foreman Part Time AM

1 Port Comp AM  
2 Laborers. Clean down on timbers. AM

X 2 men Strip form K. H.

Spillway Ex. Unit 7 + 8 + Trucks

Ex on Bench El 740 to Top into Hy

DB. face on E of Bench W. Slope SW

W. of Sta 5+60 ft.

1 Foreman 1 P.M. F. 2 Op. 2 oil.

1 Drillers 3 Leaders + Helpers W. end.

End 5 men Drill + Load Unit # 11 to E. end

1 Truck + Dr. M.H. Road E SW 1 -

2 Port Comp

3/22/35 JTN. Clear. Cool.

Spillway Ex West Slope:

Unit #7 + Truck <sup>34</sup>/<sub>25</sub> Near <sup>11</sup> on T4 + El. M+1. <sup>Gravel</sup> <sup>Rock</sup>  
To E H4 F + W Rock Emb Resp

Comp Plant + Op. part time

Unit #8 + Tr <sup>23</sup>/<sub>18</sub> Near N Side on New Ramp  
to SE El T4 at N end.

1 Foreman, 2 Operators, 2 Oilers  
4 Driller, 3 Loaders, helpers

Unit #11 + 4 Truck (Auto Cars) Ex on E end  
DG + Soil to E by Fill. Side Cast Rock  
4 men Drill etc E end. 2 Port Comp

Unit #10 N Slope W by Fill El. 600-620

Shaping to Rock Sec. <sup>operator</sup>  
4 men Clean - Strip Sh. P.C. Area <sup>oilier</sup>

Core Wall - Mc Guire + 2 men, 1 Truck part time  
Steel Man + Con finisher

Outlet Tower 0

3 Men Rep Mix Plant <sup>3 in diam</sup>

Core Wall forms S. Ab.

1 Carp Foreman, 4 laborers, 2 Carpenters

(2 Carp on Barges)

Truck #255 7x12x3 1/2 cap = 117 cu.

" 115, 6.3x12x1 1/2 4.2

3/22/35 JTN. 597 3 3 4 5 5 63

Spillway E. end - Unit #11 Rock + DG

to Emb. Trucks 11, 10, 44, 1 (34) (5)

1 man Clear E end S.W. & help Dr #

1 Ex Powder House E of Bend Sh

3 Port Comp + Drillers (4 1/2) 2 help

1 Foreman, 1 Powderman F., 1 PM.

1 man grader dump on Road + Cart + Mc Mir

Unit #8 on W Slope 4 Drillers SH

Trucks 26

(3 min on)

2 men Clean up by Fill to 0 Area

2 " Strip form N Ab. C.W.

Unit #10 Strip Rock Emb Sec. 504

Camp F, Cart, Steel Man 2 Lab S. C.W. Form

1 Elect 1 helper

Outlet Tower 1 Carpenter + 1 Cement Fin

above Mix Plant

Dirt Dumped to Widen Road E of S W at turn to SW

Unit	Truck	Capacity	Volume	Notes
110	8 1/2	11	5	216 34-43
111	8 1/2	11	5	231 44-45
112	8 1/2	11	5	235 5-5
113	8 1/2	11	5	238 44-45
114	8 1/2	11	5	240 11 5
115	8 1/2	11	5	245 34 4 1/2
116	8 1/2	11	5	247 44 4 1/2
117	8 1/2	11	5	252 24 4 1/2
118	8 1/2	11	5	255 5 5
119	8 1/2	11	5	258 5 5
120	8 1/2	11	5	259 5 5
121	8 1/2	11	5	261 5 5
122	8 1/2	11	5	263 5 5
123	8 1/2	11	5	265 5 5
124	8 1/2	11	5	267 5 5
125	8 1/2	11	5	269 5 5
126	8 1/2	11	5	271 5 5
127	8 1/2	11	5	273 5 5
128	8 1/2	11	5	275 5 5
129	8 1/2	11	5	277 5 5
130	8 1/2	11	5	279 5 5
131	8 1/2	11	5	281 5 5
132	8 1/2	11	5	283 5 5
133	8 1/2	11	5	285 5 5
134	8 1/2	11	5	287 5 5
135	8 1/2	11	5	289 5 5
136	8 1/2	11	5	291 5 5
137	8 1/2	11	5	293 5 5
138	8 1/2	11	5	295 5 5
139	8 1/2	11	5	297 5 5
140	8 1/2	11	5	299 5 5
141	8 1/2	11	5	301 5 5
142	8 1/2	11	5	303 5 5
143	8 1/2	11	5	305 5 5
144	8 1/2	11	5	307 5 5
145	8 1/2	11	5	309 5 5
146	8 1/2	11	5	311 5 5
147	8 1/2	11	5	313 5 5
148	8 1/2	11	5	315 5 5
149	8 1/2	11	5	317 5 5
150	8 1/2	11	5	319 5 5

3/24/33 JTW

Outlet Tower Ex Unit #10 - Opt Oil. PSL

Foreman Erickson, 4 Laborers

2 Carpenters - Skips + Timbers Am

Am only

2 Men Clean up SW<sup>1/4</sup> Hy Fill Area. 31 1/2' - 32'

Spillway Ex End Unit #11 + 5 Trucks 5' - 6' 3/4'

DG, Soil + Some Rock to E Hy Fill Area. 39'

3 Port Comp.

1 Foreman, 1 Operator, 1 Oiler

Outlet Tower Am

2 men on Powder Magazine

1 Powderman 4 Drillers

1 Tool Nipper

Forms PM

Carp F. 2 Carp Cement Fin + 4 men

3/21/33 9 loads of Rock hauled in

to 1230 AM from West Spillway

✓ slope to S. Rock embankment

vol 359  
66' W

R.W.C.

3/25/33 JTW

+ Dr. No 578.8 1 PM  
67.0 49m  
Cat 30  
Unit #10 at Sand Cove Trench 64

Remove chutes + etc Operator

+ Ex P.C. + C.Tr. DG to E Hy Fill Sec.

1 Driller Inst Comp Drill S.P.C. Area

Core Mark

Forms 1 Carpenter F, 2 Carp (Herd) 1 Cement F

1 Steel Man, 4 Laborers

RE +

1 Man Clean up SW<sup>1/4</sup> Hy Fill Area

Outlet Tower Ex - 0

Soil of

Spillway E end.

Limna 101 =

Unit #11 + Tr. 31'

3 Port Comp

4 Jack H. ✓

4 Drillers, 1 Labor

1 Powderman.

D.G. + Soil to E Hy Fill Area  
Rock to R. Emb 1625

2 men Wash SW R.E. Sec 615 -

35 yd SW Rock trend to N.R.E. ✓ vol 347  
5'

3/26/33 Thurston + Carter 2nd E of Dam St

3/27/33 Spillway Ex E. end of El. 770

Unit # 11 Sporel + Truck 5  
 DG + S. 1 1/2 E Hy Fill El. 625 70  
 Rock " " R. Emb " 39  
 2 Drillers extend Pipeline + drill  
 " " Helper  
 1 Sub Powderman } Road E. of  
 2 Drillers } E end Spillway  
 3 Port Comp. + J. H. } 2 hrs

Unit # 7 + 8 + 8 Trucks ± on West Shop

Spillway Tony, Frank, 4 Drillers  
 Material DG to W. Hy Fill El. 640  
 Rock " " R. Emb. El. 620

Core Trench Ex S. Unit # 10 + 1 Truck  
 DG. to E Hy Fill El. 625

4 men Ex Core Trench N 3920  
 1 Port Comp + J. H.  
 beneath road

1 man el' up Hy P.C. Area N.W. on P.  
 1 Steel Man. 1 Carp on forms etc  
 1 Carpenter - Shop E.W.

3rd O.E. of Dam A.P.M. 545.6  
 5th Port Comp 622.5 "

3/28/33 Unit # 10 + 1 Truck Core Tr Ex 65  
 Port Comp + J. H. 6 Men. 459m  
 Conc. for 8 Men on W

McGuire + 2 men 4" Pipeline Comp  
 to Spillway -  
 1 Carp at Shop

Spillway W. end Unit # 7 + 8 + 6 Trucks

4 Drillers, P.M. + Tony + 3 Headerst H.  
 Bend Unit # 11 + 4 Trucks 5 3 Port Comp  
 39 4 J.H.  
 70  
 10 p. 10 men. 4 Tr Dr. 4 Drillers P.M. 1 Help

Mr Whippin cott up in Spillway with A.H.

1 Steres. A.H. came up later, also

at Bend at 9:45 A.M. Unit # 11 El. 720

N. of 2nd Gulch from E end - in

about 10 Cot, on N face load Truck

in about 2 minutes. lots of boulders

Conc Wall Strip forms 4 men Bend + N.

1 Carp F. (+ 1 man down + fill boulders)

3/29/33

Core Trench Ex. S. Unit #10 + 4 Men  
1 Truck (125) N - Driller 2 Men  
2 Port Camp 6 Men 8 PM

1 man waters Conc + C. Tr. Ex.

✓ 1 " Patch Conc holes.

✓ Camp F.  
Joe, Tim + 1 man } Strip forms C.P.P.  
Core Trench Ex + Tim 4 hrs

At El. 800± Sta 3+75

Spillway Ex E end, Unit #11 + Tr

Said G to E Hy fill at Elev. 625-

Not so hard.

(Rock) to E.R. Emb. " "

Ex W. end Unit #8 Repairs

" #7 in Gravel

Spoil Area W. of Dam.

4 Drillers E + 4 W

✓ 1 Powderman Foreman

✓ 1 " E

✓ 1 Helper E Nipper

✓ 2 Loaders, 1 " W.

✓ 1 Man dress N Slope

Elec + 5 men Move Trans etc.

McG + 2 Men -

66

Unit #11  
1045 to 1049½ Loads 3 5¾ Tr.  
1049½ " 1052 wait for Trucks + Cur  
1052 " 1056 Load 3 - 5¾ Tr  
1056 " 1057 down wait for Tr.  
1057 " 1100 2 Trucks loaded

Should have more Truck Cap.

Spillway Ex Unit #8 on Repairs. 2/30/33

Unit #11 + Truck  
5' 70' Ex E. end El 800±  
71'  
39'  
75'

D.G. to E Hy F. Rock to E.R. Emb El. 625-

1 P.M. + 1 P.M. 1 man dress Slope Tony

9 Drillers + 2 Tr. 3 Nippers + Loaders

Unit #8 on W. Slopes Trucks

" #7 in Spoil Area W. dam lead to W. Emb

✓ Joe Clean up P.C. Area S.W. + Core Tr Ex 4 hrs  
2 Port Camp

✓ Geo. drill Core Tr S. Ab.

3 men Ex " " "

✓ Cement fin. N. Ab C. W. Conc holes. 4 Dr 5 Ab 8 PM

Elec + 5 men Move Trans N.E. E 600.

Unit #10 Temp Dam Const Soft Mx Plant

1 Comp + 1 Steel man + Op + oil. McG + 2 men

✓ 1 Comp at Shop. filling the Lt Truck

8 men move steel on W. Spoil

3/31/33

ATN Unit # 2 Port Comp. ✓  
10 - Op + oiler + 6 men  
No Truck 2 Drills  
Ex S abutment of Core Tr 5  
Idle 2  
2 men Ex N. end.

Cat Tr + McMillan 4 hrs on Temp Dam

1 Carp Helper water Concr. Showing  
marks  
Core Tr  
1 " F. Gen.  
1 Steel Man.

(Carp F, Tim, Joe, Carp X) Hoop Trans formers 7M

Spillway Ex Unit # 11 + 5 Trucks 5  
10  
10  
70  
70

Took 20<sup>th</sup> to 4 Elev. 770-800 ± 200 cu m  
Make Sweep Up with bucket Load 5 1/2  
Soil + DG to E Fly fill See El 625

Rock " R Emb

1 P.M. 6 Drillers, 1 Nipper  
16 men Graveling + etc. Total  
6 men Pipe line to Gray

2 Port Comp E } S way.  
1 " " } " "

gross  
42.00 yds Core Tr Mtl in, Slight on E Emb.

4/1/33 67  
2770  
350 605<sup>+</sup>

Core Trench Ex

1 Truck + Dr. 12<sup>th</sup> Port Comp + 11  
Unit # 10 operator + oiler + 2 men  
3 Cu 7/8" Loose Emb 11-22-3 1/2  
4 " " " " 12-35 3 1/2  
2 " " " " " " " " " "  
2 men Ex + 1 Port Comp Camp F

~~Completed  
the 2nd  
of 59.800 yds.~~  
Cat + McMillan grader Raising

Strengthen Temp Dam E of Ent Pav. 1 hr.

2 men Clean up Pool drift on

bank N.W. of

Trucks 72, 5, 70, 39,

Spillway Ex Unit # 11 El 790<sup>±</sup> to 345<sup>±</sup>

D.G. + Soil 1 to E Fly Fill El. 625 -  
No G +  
2 Men Pipe Line Comp to N Side. only 6 -  
1 Driller E end 1 Nipper 1 Powderman  
5 " " " 2 " 1 " F + 1 Load

See a Road E of Spillway 1 Pump  
1 Port Comp

See man + Carp on besties for Pipe  
line to N side Spillway

4/2/33 Sunday  
Spillway Ex

4/3/33 McGuire + 4 men Airlinet

Unit #11 + Tr 10  
24 Rock to ER Emb El. 675 -  
DG + Soil to E Hy Fill " " -  
Comp Plant + 3 Port Comp. (not op)  
7 Drillers, 2 Loaders 3 Nippers 1 PMF  
Unit #7 + 8 on N side

Core Tr Ex 3 5 men. 3 Hrs. op. oil + Tr  
" " " N Unit #10 + 1 Truck 3 Men.

(Elec + 8 men 14" Steel line to -  
Hy Fill. Pool.)

Core Wall 5. 1 Carp F, 1 Carp. + 2  
3 men drill 5. Ab. Core Holes

Unit #10 on Temp Dam 5hr

4/4/33 Xrn - Cloudy

Unit #10 Core Trench Ex + etc + (Tr 45 3hr)  
Clean up along just above Xno on S side holes  
1 Carp F 3 Carp. 3 men drill grout  
1 Steelman

3 men Set grout pipe etc. 6 men  
clean up etc. (2 camp away 8 AM)

Chutes for Cone etc.

3 men Clean up S N (10 at 10:30) only 1 hr

Spillway Unit #11 + Truck 34, 70.  
24, 39, 74

Has not been shot except Boulders.

Rock to ER Rock Emb El. 675 -  
DG + Soil to E Hy Fill " " -  
1 Foreman - Gen -

7 Drillers, 3 Nippers, 1 Powderman F.  
1 Powderman 1 Quarry down etc

1 Dress N. Slope on N. side

Shooting from Top down N of & Top ridge  
toward high N. Slope Point.

Unit #6. To Temp Dam E. But Por at 10:30 A

1 Carp keeper at Shop Pw

4/5/33

Unit # 10 + 2 Trucks. Raise Temp Dam  
Down 10 AM.  
McGuire + 7 men. Power line SW  
(1 Truck + 2 with hoist)  
1 Man. Clean up roots. SW + 1/2 fill Area

Spillway Ex. Unit # 11 + Trucks

Elev about 800 - 150' S of N Top Slope 4+50 - DG

+ Soil about 20' face <sup>Few</sup> boulders below

Surface. Very Rock above part of Surface.

1 operator, 1 oiler, 5 Truck Drivers.

1 Gen Foreman, 1 Powderman Foreman, 1 Sub. Foreman

8 Drillers, 3 helpers, 1 Man Trim N Slope Street

2 loaders. 1 Comp man part time.

3 Port Comp (1 not operating). 1 Comp Plant

9:30 AM Mr. Rohlf starts on job same pm

2 1/2 Dam 566. 28  
" 5 Pool. 609.2

4/6/33 2 PM. Clear. Hazy

69

Unit # 10. Down near Temp Dam.  
operator, oiler, (2 Mech + Trucks) remove engine  
to Shop. + help Rep. # 1

7 Men +

McGuire's. 1 Truck with hoist + great

Power poles on S side above dam at

Entrance Portal + General (4 hrs)  
Electricians 2 men Light poles to SW (4 hrs)

1 Gen Foreman; 1 P.M. foreman, 1 Sub P.M. foreman 4 hrs  
4 Drillers, 3 helpers, 2 loaders, 1 Man clean up on Slope  
Tr. 50. Powder Steel. 8.50, 10.15, 1 pm, 230, 345

Spillway Excavation

Unit # 11 + Trucks  
26' x 24' x 12' face  
23' x 18' face  
25' x 15' face  
1/2 of 11' face  
Ex in DG + Top Soil to F. Hy Fill Sec E1. 6+5

Rock to E Rock Emb. 15' = loads

" " " "

Truck	loading	rec'd	D.G. + Soil	#15	#23
840	5.7	841	5.7	845	6.7
853	5	854	5	855	6
859	5	904	5	908	6
910	5				

20 Loads total  
from driver

1 of Spillway drillers on N Side road, 11 AM

1 Man Clean up Hy Fill Sec SW +



4/7/35 XTR

Unit #10 Down near Temp Dam  
2 operators 2 boilers repairing  
✓ Mc Guire 3 men, (Cat) 3 or Truck  
cleaning up. { Lumber, Pipe etc }  
Steel rails from 500 E Ent Por  
to Camp yard (Tunnel Charge) 8 hrs  
1 Man Clean up SW 1/4 Hy Fill area

Spillway Ex. Unit 8 on 800 ft level Sta 3+50  
So S of Toe Slope Sta 4+50  
\*11 working N to \*8 working E toward N  
Slope at about Sta 5. about 30 S of N Toe  
at Sta 5+ Trucks 15, 23, 17, 10, 34, 18, 24, 25, 11  
Truck SW Powder Steel 20 45  
175 PM

1 Gen Foreman, 1 Supt. 1 P.M.F. 1 Sub.F.  
1 Man Clear brush. (2 Driller on road N W outside Dam  
3 helpers. 1 Driller Str. 1 Loader.  
Foreman say short about 2 Trucks about 9 AM  
30 face Been shot very fast loading  
2 men Power line to W side 9 AM  
Suggested Mr Hill take picture

4/8/35 XTR. Rain. 122 Y<sup>3</sup> 70

Unit #10 down Operator & Oiler repair  
at Temp Dam Const. 9 AM 300 E Ent Por  
More to Camp yard P.M.  
Mc Guire 3 men + Truck clean up along  
river E of Ent Por.

2 men drill from SW for road E 17 to on  
side in dam area.

Spillway Ex. ✓ x x x x x  
70, 72, 31, 23, 19, 15, 26, 45  
Units 7, 8, 11 + 12 Trucks 17, 24, 18, 25  
on 800 ft level Sta 3+50 to 5+ near  
N Toe. Face 25 to 40 Has been shot 2

holes. Can be cut by Mach tho  
from D.C. where not shot. All to W Ent  
Back to W  
McM + Cat over roads AM  
1 Gen Foreman, 1 P.M.F., 1 P.M. Sub.F.,  
1 man dress N. Slope Sta 5+ 3 helpers  
6 Driller, 1 loader.  
3 men carry up Powder  
Frank Lee took picture 345 PM  
much of bottom 10' of 2 E  
not shot  
Lynn

87 1/2 - 840 No truck at mach

4/10/33 AM. Job Down at Keon by Const. by

Unit #9 + 10 and (3) Trucks on Temp  
oil - DM

Dam Const. E of East Pen

Unit #7 + Trucks 45 + 20 Strip

Ramp road SE  $\frac{1}{4}$  E1. 630 - SW

toward Core Wall

1 operator, 1 oiler, 2 Truck drivers. E1. 635

Mixerman + 3 men Clean brush SE  $\frac{1}{4}$

Above Sur. Hy. Fill Sec 6x5x260  
5x4x140  
L 27 cu.

Mc Guire + 2 men + Truck 54 East Pen

4/9/33

Unit #10 + 1 Tr. on Temp Dam

3 Laborers Clean dirt SE  $\frac{1}{4}$  PC.

1 Foreman + 2 men + Truck

Haul pipe + more equip

PC

4/11/33 AM

2 Men Rep. Unit #9 200 NE of East Pen

St 614.6 330 PM

4/12/33 Units 8 + 11 in Spillway 800 level

St 4 + Not Excavating

Unit #7 Exc. on SE  $\frac{1}{4}$  on S end

of Rock emb. Not operating

Unit #9 South of Mix Plant

on N edge river. Not oper.

4/13/33

Units 7, 8, 9 + 11 Same as  
on 12. Not operating.

1 Carp Foreman Watering Cone

South abutment Core Wall.  
Days watered 8m + PM. 12th.  
SE 4 Water Elev Summit Pool 614.9

2 man - Operator, on Unit #7 Rep

1 Load + Trailer Cement to N. 8

N 3250 to N 3880 Core Wall Complete

1 Elec on Gen Rep + etc.

2 operators in Shop Rep #8 (1 man)

2 " + Welder + Port. Outfit on #6

Shore in Sit Area B.

Apr 13 to May 9th 1933 in office E. Carter

Now on Applications to US Gov for  
additional lands, Estimate, etc.

614 at 8 AM 220	615.8	730 AM 72	73
Camp stopped 7:50 West Beach	4925+		
" " "	5110 H.	5100 75 S.	75
" " "	5090 S.	5075 150 N	150

May 9th 1933. At Newcomb

Joe Roy, 2 men clean up P.C. area  
N. W. 1/4 near water lens.

Monitor #4 SE 1/4 Op. 8:30 to 10 AM

" " 10:20 "

Water being pumped to Summit  
pool at 7:15 AM. to 7:50 AM.

3 men pick up + burn trash dry

Monitor #5 10 AM to 10:20 N. W. 1/4

Unit #9 idle 150 SA Mix Plant

Unit #8 idle on N. Rock Emb El 640 ±  
about N. 3600.

Unit #7 idle on Road to Spillway N. Side  
El. 670 + near Spillway

Unit #10 S. Ab. Core Tr. Ex. R.M.C.

" #11 E Rock Emb. SE " placing Rock  
back on approved area. R.A.T.

2 men

5/9/33 Mr Connolly } Open Dam  
" " } 9 1/2 10 AM

E 4840  
Well #6 N 34.5° - West Beach N 34.5° + E 4910  
" " " N 33.4° + E 4900  
" " " N 33.0° + E 4850

Unit # 10 Stripping SE 1/4 9 AM -

John Connolly says 75% of  
Rock shot above spillway will  
Come into Spillway in presence  
of Steres.

May 15<sup>th</sup> 1933. At Newark  
Unit #8 Idle on W. Road Emb E. 630' at 3600  
Unit #10 " - Strip SE 1/4 E. 675' 30' - 546'  
" #11 " N 33 1/2 E. 640 E. edge Emb. E  
" #9 " N 34 1/2 above Camp. Commence  
on High lift Road Con Quarry to Dam  
Side Casting  
Drillers Spillway to this Road 9 AM -  
" #7 Ex Tunnel Mac Profusion in NE 1/4 S 15 + E. 153:15  
Well Drill op. 3 1/2 E. 620'

Rock from quarry Trucks 3, 2, 5, 6, 9, 13  
Bulldozer 6 -  
Placed in USSR at N. end. Over Ramp  
from 625 level into Pocket 600 to 575 E.  
Per O'Brien.

Concrete being placed in J.C. Tr  
1 Port Camp 7 Tank Water Truck FV  
2 men Prep to drill Grout holes N of N 32.5  
✓ 1 " (Tom) Drill Boulder N 34 1/2 N of 670 Rd in P.C.  
to Rock that slipped after Road Const  
Concrete being wet down 5 about

Truck #6 haul pea gravel from Camp  
Plant op. AM. 1 op.  
Elec. on job. Steres + John Connolly

Checked over 2-36 12.42 Spicer Valves with

May 12 1933.

At 10 A.M. Unit #9 Begun operations moving rock in NW 1/4 on 600 El. level. at N Abot #5, 13, 6  
3 Trucks - Dump rock into

Spillway Area etc 1100±  
Messrs Connolly, Steres, Byers, etc present, Rhodes, Mayor Forward, Attorney Byers, etc.

1 Foreman John Connolly	Operator
Unit #9, 730 Hw	Oiler.
Trucks 5 900 "	Driver.
6 900 "	"
13 900 "	"
Cat 60 1030 to -	Driver
	1 Dumpman

Hand placed rock on about  
30' wide at foot of Berm  
35' " " 36' up Slope  
10' Berm finish to st.

May 16<sup>th</sup> 1933, J.H. Newcomb 74

Unit #10 - Op. Oiler. (Dragline) + Tr  
\*42 + <sup>34</sup> ~~33~~ <sup>gms</sup> from 8:15 AM) Strip SE 1/4 El 650±  
Dirt to NW 1/4 Hy. fill Sec El 630±  
Took up rock above surface.  
Unit #11 Idle on Road NE 1/4 El 640  
" #8 " on W. Rock Emb.  
" #7 " 300 SW of Mx plant.  
3 men Drill grant holes: N Abot.  
1 Port Comp water line + Truck Tank  
1200

Truck 60 haul Cam. Pea gravel.  
Spillway no work. EG25-575  
Rock from quarry to NE 1/4 Rock Emb  
Trucks - 9, 13, 2, 5, 3, 4.  
8 Men, Foreman - 2 Bull Dozers 60 sq  
No Monitors operating  
Well Drilling Continues to Hy Fill Sec.

May 17<sup>th</sup> 1933 J. H. Newcomb.

Unit #10 Stripping Rock Emb Sec  
SE 1/4 E1. 640 to 670 ± - 2 Trucks Top  
Soil to N Hy. Fill Sec E1 630 ± NW 1/4  
1 operator, 1 oiler 2 Truck Drivers.  
Place Cone Core Trail - 3 PM.

Unit #11 on Road E. of Spillway  
above Mixing Plant Side Casting.  
1 Port Comp. (operator, oiler + Tony + Driver)

Unit #7 Same 1/4 mile to East.

Unit #8 on Road N of Spillway  
Side Casting. Begun at E1. 720 " + Work West  
at E1 720.

Unit #9 Road to Dam, West of Hwy at Gulch  
No Summit Pool = E1. 616.0 No monitors.

Well drilling Cont in NW 1/4 E1. 625 Back + Drill owners  
" 635 PM  
3 Men Cleaning up Core Tr. N about + Drill Gr. holes

Foreman - O'Brien + 8 men + Bull Dozer  
+ operator placing surface WS R Emb  
E1 575-600 near n. Ab at west.

5/18/33 J. H. Newcomb

75

SE 1/4 Unit #10 Stripping Rock Emb  
Section E1. 625 to 660 ± 2 Trucks 31, 42

Dirt to W Hy Fill at E1. 630-

O'Brien + 8 Men + 2 Cat Bull Dozer Rock  
to E Rock Emb Near N about E1. 625  
to 575. 4 Trucks hauling from Quarry

2 men Wash E Rock Emb on 600 E1. 10 AM  
to 4 PM

\* 1 Elec Pump Pool E of Dam.  
Very difficult to get hole thru Drift in Rock  
Units 8 + 9 on Road West of E1. 720 S.W.  
" 7 " " " East " " "

Mr Rohl + Steves on Work at 1 PM.

Truck #60 Haul Carn. Pea Gravel.

5/19/33 J.T. Newcomb

Unit # 10 Stepping in SE 1/4 2 Trucks  
to Sec 2 low + only 1 Tr.

Hauling Soil + DG to N. Hy. Fill Sec.

1 Operator, 1 Oiler, 2 Tr. Dr.

E Rock Emb finish Slope to El. 625-600

✓ O'Brien - 2 Cat 60 Bulldozers  
Erickson + 10 men placing \* 1 Elec Pump.

Hauling from Quarry truck 1A, 5, 7, 10, 9, 6, 8, 6  
Clean Good Rock

2 men Washing 600<sup>±</sup> Berm + Wedge 4<sup>±</sup>  
\* on with Elec PM.

\* 2 men from Core Mill in Rock Emb 3 hrs

No need apparatus for washing of Rock on Emb 2 days

\* Elec + 1 man on Powerline 6.70 Eler.

Truck # 60 Corn Sea gravel.

Spillway PM

Comp Plant + Operator.

3 Drillers + ripper.

Shops

Loads	#	Rock from QC Area..	1/2 below 27	1/2 above 27	net
1-	1	1 1/2 cu yd net	27	27	27
1	2	net	27	27	27
1 730	3	4x4x3	24	24	24
1 745	4	4x4x1 1/2	48	48	48
1 753	6	4x4x1 1/2 36	18	18	18
			144	144	144
			5.5	5.5	5.5
			5.25	5.25	5.25

Reported to Mr Williams  
on report of 19th  
J.T.N.

5/20/33 J.T. Newcomb

Unit # 10 + Truck # 31 To Core 9 AM  
PM. Move to outlet Tower Ex no Trucks. Rock haul. South.

Area El. 650<sup>±</sup> to E Rock E. El. 625-

At 9 AM when Mr Kohl + A.R. came on  
job + just before Mr Sarge Pyle, Wood, Hawley  
came moved E to Strip Hy Fill Sec.

E Rock Emb, El. 600-625.

✓ O'Brien, Erickson + 14 men  
at 9 AM

Trucks 3, 14, 2, 12, 6, 9, 6  
2 Bulldozers (60) 1 whole time + 1 Part Time.  
Elec Pump \* 1 washing 9.30 to 10.00 (20 min)

\* Elec + 1 man on Powerline

Spillway - Foreman Part time + 5 men  
Drilling + Ripper

Comp Plant + Operator

1 Port Comp.

2m. 200 16.4

\* 3 Pump + Monitor Hy West Hy Fill Sec near E  
Rock operating 3 hrs.

10 mi to 4 PM. 43.60

Unit # 7 + 4 Trucks material from

300 S of Mx Plant to Gravel Plant.

5/21/33 Sunday No work in San Diego  
 5/22/33 McCune report General  
 cleared Unit #10 - Operator + Oiler remove

hoose DG from Outlet Tower Ex.  
 2 men install Pump. (Elect. man)

Unit #8 in Spillway Clean up roads

Side Casting + at 10 AM. 2 Trucks + Cat 30 B  
 East of #20 at 2:30 PM

Raise Road at E end Spillway  
 1 Foreman John Connolly, Frank Malota, Op + oil.  
 4 men Drilling + etc.

East Rock Emb. Slope etc 625-600

2-Cat 60 Bulldozers. Trucks 2, 10, 14, 12, 8, 8

hauling from Quarry = 12 loads near asphalt 600

O'Brien, Erickson + 13 men. Placing rockbl.

Some of Rock very full of Fines + dirt. O'Brien

dumped 1 load about 10:30 on S. of Road 625 E. E of Dam

Am only 4 Unit #5 operating in NW #20 516.

2 Truck 11:00 PM Dirty Load OB here + left 1:20 after

Several dirty loads

Pl. on Road, from SW, E of SW.	240-1	311	359
	243-1	312	403
#29 Tr. S. 44 "	246-1	320	405
60 " 4. AB "	249-1	341	407
	302	350	
	308	353	
	308	356	

5/23/33 McCune report

E of Dam #20 568.6

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Outlet Tower Ex. Unit #10 - Op + Oiler in at  
 To handle #1 to South Down 9m. 2 no. E 563.7  
 Elect. Man on Pump Inst. Pump op at 9 AM  
 Small 1 hp Elec. Cent.  
 3 hrs

East Rock Emb. El. 625-600

2 Bull dozers 60 Cat + Truck 8, 10 haul from  
 Quarry

O'Brien, Erickson, 2 operators. Cat, 12 men  
 2 of above men Wash 625 El - 4:20 PM  
 near #300. To the Plant 8

Spillway Ex:

Unit #8 Idle near E. end at El. 750  
 At 10:30 AM Moved to El. 800 Ex + Tr. 3 1/2 to haul  
 to Spillway Roads. E + Tr. to 2.9m + Op + oil back to #7.  
 Comp Plant + Operator Trucks off 2:30  
 4 Drillers, 1 Ripper + foreman part time  
 (Runner + Oiler) 2:30 to 3:00 PM 2.9m

Unit #7 E of dam 300 S. M. Plant gravel. Bed.  
 Road to Tunnel + Gravel Bed. 2-4 PM  
 7-10:30 AM



5/24/33 AT Newcomb

✓ East Rock Emb El. 625-600.  
2 Cat - 60<sup>th</sup> Bulldozers  
Trucks \* 2, 11, 6, 14, 5, 12  
hauling from Quarry.

✓ O'Brien, Erickson + 12 men 9m  
14 " 9m

Spillway. Cat + McMillan on Road.  
operator

Unit # 8 idle on 800 Level. E 500

1 Powderman part time, 2 Drillers + Nipper

Elect. Helper. General. Outlet T. pump.

Unit # 10 Idle on Road to Outlet Tower.

operator + Oiler Repairing

McGuire + Lt Truck on General

Mixerman + 2 men 4hrs on Camp Water line.

5/25/33 AT Newcomb

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✓ Spillway Ex. Unit # 8 on 800 Level E 500 Idle  
2 operators on Repairs.

✓ Powderman F (Part time) 5 Drillers + Nipper.  
Comp Plant + op. 1 man Tony 6hrs 3/4  
2 Port Comp. 1 Powderman Drill

East Rock Emb El. 625-600. To Grade

✓ 2 Cat 60 Bulldozers, Trucks <sup>6' 11"</sup><sub>5' 11"</sub><sup>5' 11"</sup><sub>14'</sub> hauling  
from Quarry.

✓ O'Brien, Larry (F.) + 12 men placing  
9 men " 9m

2 men washing N 3600 ± Ramp

✓ 1 Elec Pump operating

4 men Closing Sp. Dam Temp dam P.M.

✓ Elec Part time 2

Unit # 10 in Place for Conc S. Ab. Core Wall

" 7 Idle E of dam 200

Mr Wood told me to OK Rock Base on 625  
level E.R.S. if in my opinion ok. and  
Contra wanted to dump Rock on this level.

Take Coordinates of Approved Area.

Approved to N 3600 + N from 625 E Slope line 60°  
to line of approval to S of N 3600.

5/26/33 J. Newcomb

East Rock Emb El. 625-600. O'Brien

✓ 2 Cat 60 Bull Dozers, \* + Elec Pump.  
Larry F.

Trucks hauling from Quarry 3, 14, 12, 11, 5  
to top

✓ 2 men washing #3 600-#3 700, 625 Edge

✓ 12 (AM) placing, (2 men to Temp Dam 8A)  
(2 hrs)

✓ Unit #10 on Temp Dam

✓ " #7 " " Road King

✓ 2 Trucks + dumpman + 2 men

✓ Spillway Ex. ✓ Camp Plant + Op.

✓ 2 Port Comp. ✓ 2 Loaders etc.  
Paudeman foreman. 5 Drillers, Ripper

✓ Unit #8 on 800 level. 15000 20p on Exp

Elec + 1 man Inst Pump at Temp Dam

Approved to #3630. E 50' Strip on 625 level

5/27/33 J. Newcomb

79

✓ Spillway Ex. ✓ Unit #8 Idle, 2 Port Comp  
M.P.M. Foreman, 6 Drillers, 2 Rippers, 1 Comp Pl.  
1 Loader

El. 625-600. #5 of #3600.

✓ East Rock Emb. ✓ 2 Cat 60 Bull Dz.

Trucks hauling from Quarry, \* 1 El. Pump

✓ 10 Men placing (1 man part time on Temp Dam)

✓ 2 " washing

\* 4, 11, 14, 1, 9, 13 (2)

✓ Mc Guire's Lt Truck on General

Unit #10 on Pump Inst at Temp Dam

9 AM. More to S. Ab to Comp.

Unit #7 Idle 300' S of Mc Plant

\* 1 man Temp Dam Spillway 4 in

Core Crew (4 men) #30. 4 in to 30w

1 Bull dozer Cat 60 on Road to

Tower in PM. Mc Mill + Cat 30

5/28/33 <sup>Newcomb</sup> Sunday in San Diego  
5/29/33 Over Dam in AM + Check Notes

Item #11 + Tabulate in Office

5/30/33 Holiday: Decoration Day  
To Dam + Over Same. 1 Man Meter

568.8 E-40<sup>0</sup> Core Wall Conc S. Ab.

5/31/33 East Rock Emb. El. 625-600 Sur.

✓ 1 Port Comp. ✓ 4 Men.  
✓ 1 Jack H.

Cat + McMillan grader on Road to Outlet  
+ Tunnel. ✓ Ex. En.  
Tower, Unit #10 More Core Trench S. Ab

to Road to Outlet Tower + to Tower Ex

✓ 1 Operator on Cat. <sup>King in all Elec Pump Op.</sup>  
✓ 1 " Unit #10 Port Comp + Air Pump  
✓ 1 Oiler " "  
✓ 3 Laborers Ex. O.T.

Elec.

✓ #7 Idle 300 S. of Mx Plant  
✓ #8 " 800 El level Spillway. No Work in S.W.  
✓ #11 " on Road El. 725 ± N of Mx Plant

6/1/33 J.T.N. 80  
Outlet Tower. 1 Port Comp, 1 d. H.  
1 Air Pump.  
Unit #10 Stand by at  
Ent. Tur.

1 rep, 1 Oil. 3 men.  
East Rock Emb. Port Comp + d. H.  
O'Brien. Hot op.  
Larry  
5 men.

Spillway Ex Camp Plant. + O.P.  
2 Port Comp.  
4 d. H.  
1 Foreman. Frank  
4 Drillers.  
1 Loader, 2 Nippers.

✓ 13  
Rep. oil. Rep. Conn. El. of

Tunnel. Unit to placing Equip.  
1 Truck.  
Ray + Ray.

