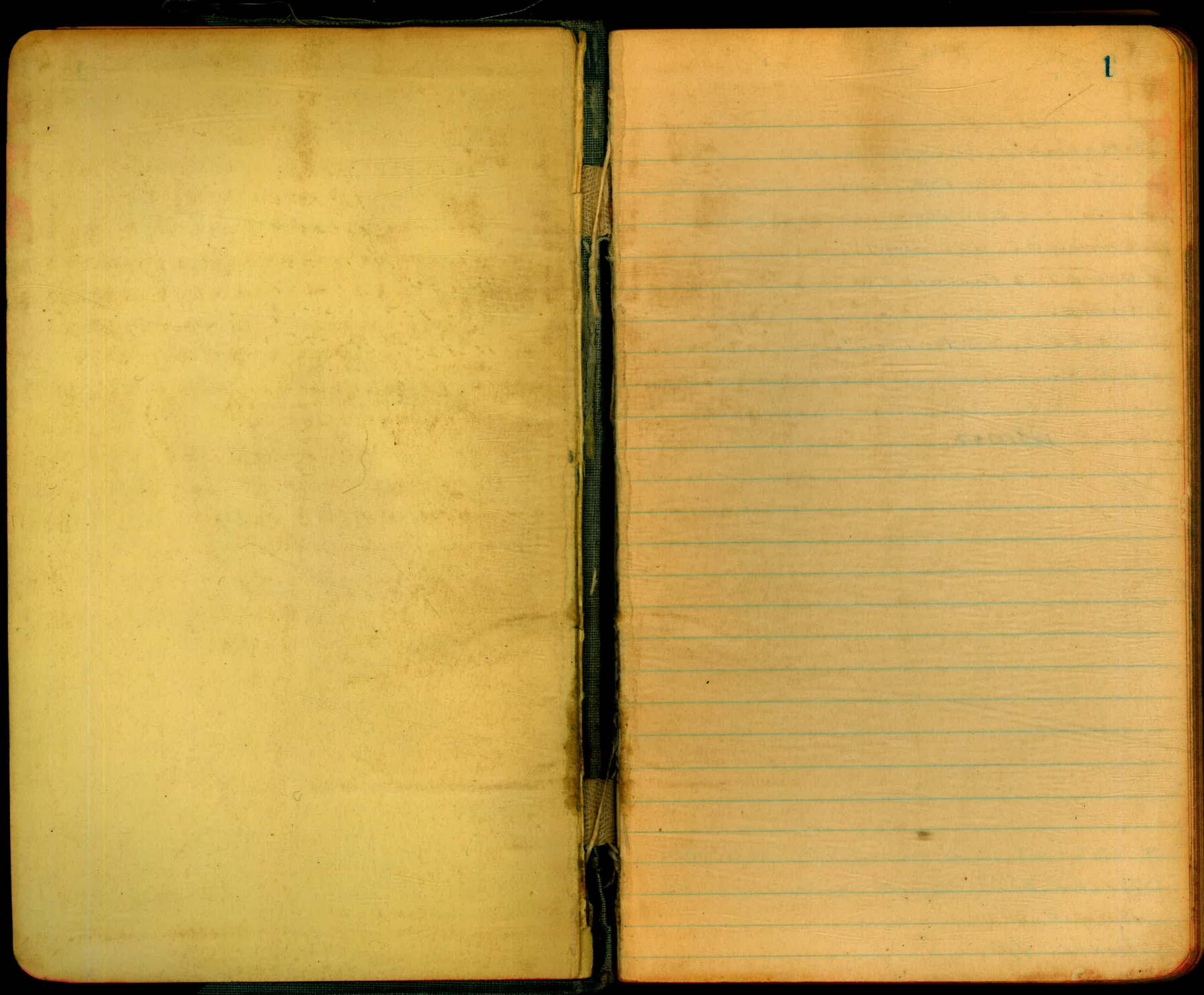


525-E

W525E

Woodward



7-7-36



3 Foremen @ 10 - 1 Payrol Crane @ 5  
 2 Crane @ 7 @ 7 P.H.  
 2 " " @ 7 Ford  
 2 Driller @ 5 108 107  
 1 Miller @ 7 2 Pndimer @ 6  
 1 Truck @ 5 103  
 13 Lab @ 5 204 105 1/2  
 15 Lab @ 5

H8men

J. W. W. 7 am  
 Kasper 1<sup>30</sup> pm  
 Dennis 4 pm

7-7-36



P.H. Wood 56+50 F  
 Ford Crane - 15+00 - 48+00  
 Hand Labor 42+00 - 59+00

Backfill at crossing to prison camp  
 P.H. out

P.H. Crane - Ford Crane Dump Trk - 2 P.H. 18er  
 5/8 Camp - Mixer Pump Tank Trk

7-8-36

✓

1- Foreman C10 - 1- Fld. C10 - 1- C10  
 2 Crane optr F900 C7  
 2- Drillers 10 2 1/2 - 10 6  
 1- Foreman C10 - 105  
 3- Trk Dr C5  
 19- Lab C5  
 19- Lab C5 1 @ 3 1/2

Jankv 2pm  
 Kasper 2pm

7-8-36

5. am. 7pm

Ford Crane 47+00 - 50+00  
 Dump Trk from Crane to waste 3 shift  
 Tank Trk - water grade 43+00 to 47+10 1 shift  
 3 Dump Trk haul select for grade - from  
 Hse to 44+00 to 47+10 1 shift

Back fill 1- Foreman 5 Lab 9-10 am  
 1- " 4 Lab 10 am - 2 pm  
 1- " 4 Lab 2 pm - 7 pm

From 12+25 - East  
 Crane 4 Dump Trk Tank Trk  
 2- Trk 1- Breaker 1- Sta Camp - 1- Pump

7-9-36

## Labor

2 Foremen @ 10 1-Flt Eng'rs 10 hrs  
 2 Crane @ 7  
 2 Driller @ 5 1 @ 3 1/2 1 @ 6 1 @ 4  
 2 Padmen @ 5 3 Trk Dr @ 5  
 19 Lab @ 5  
 20 Lab @ 5

Tow 7<sup>am</sup> Hyatt-Derrit 2<sup>pm</sup>  
 Dennis 1<sup>pm</sup>  
 Kasper 1<sup>30pm</sup>

5 am - 7 pm 7

Ford Crane 4700 to 50150  
 3 Dump Trks. Haul D.G. from Hse to  
 Ditch 4400 to 4900  
 Tank Truck water grade - 3rd shift  
 4400 to 4700 also 30" line from  
 Y at 1700  
 Hand Labor 4400 - 5000

Darling Supt Thru p.m.  
 Bob leaves today

Backfill Hoses - 5 Lab 5 am 10 am  
 9<sup>am</sup> quit backfill and work on Y at 1700  
 and catwalk 4 Lab 10<sup>00</sup> 3 pm  
 Start Backfill 2<sup>30pm</sup>  
 4 Lab 2 pm 7 pm  
 Hoisey Foreman 14 hrs

7-10-36 ✓

2 Foreman @ 10 1-CIKO 5

2 Crane Opns. 7

3 Driller @ 5

1 Prodman @ 5 1 @ 1

2 Trk Op @ 5 1 @ 3

18 Lab @ 5 1 @ 4

19 Lab @ 5 1 @ 6

2 Lab @ 5 1 @ 2

39

✓ 7-10-36

same 7 pm

Ford Crane 47+00 - 58+00

3 Trucks haul in DG

Dump Trk from crane to Dump

Hand Labor 45+00 - 58+00

Tank Trk. water fill 3rd shift

Crane - Dump Trk - Sta Camp 2:51

1 Breaker - Tank Trk - Mixer - Pump

Back fill 1st joint east of valve box 13+00

2 Foreman - 4 Lab 2 pm

7-11-36

2 Foremen C10 100005  
 1 Crane opt C5 104  
 2 Drilled C5 104  
 1 Powdermen C4  
 1 Trk Dr C4 105  
 17 Labels 104 1/2 103  
 14 Labels 204 1/2 203  
 5 Labels  
 36

Kasper 11<sup>10</sup>am

7-11-36

10<sup>5</sup>am 3pm

Ford Crane 5100. 58+00  
 Hand Labor 45+00. 51+00  
 Bell Hower 43+00 west  
 3 Trucks 26 For Fill

Fill about 1200 Trucks Today are  
 Pump Trk Dr 005575

Crane Dump Trk - Tank Trk - Sta Camp  
 2 T.H. 1 Blower - Mixer - Pump

Henry 5 Lab. backfill 1<sup>st</sup> sec. east of  
 Valve box 13+00. 5<sup>9</sup>am 7<sup>30</sup>am

7-13-36

✓

1-Supt 5 1-Field Eng 12 1-Foreman 10 1-CLK 5  
 1-Crane op 07 2-Driller 07  
 1-Welder 7 1-Txkr 7 1/4 107  
 19-Lab 07 3 08  
 16-Lab 07 108 102 1/4 106 1/4 105 104 1/4  
 3-Lab 07 102 1/4 106 1/4

38

7-13-36

-

Crane 55-58  
 Hand Labor - 47-58  
 Backfill 16-17

Take out sta. Camp to 5575  
 Blade and small cat on  
 road



15th

~~1-Supt. 5 1-Foreman @ 10 1-Flg Eng @ 10 - 1 CLK 5  
 1-Crane Op 5 107  
 1-Driller @ 7 103 1-Powerman 7  
 1-Trkr 7 103  
 19-Lab @ 7  
 17-Lab @ 7 104  
 11-Lab @ 7 104~~

14th

1-Supt @ 5 1-Foreman @ 10 1-Flg Eng @ 10 - 1 CLK 5  
 1-Crane Op @ 7  
 1-Driller 2 1-Powerman @ 7  
 1-Trkr 7 106  
 17-Lab @ 7 106 105 104  
 19-Lab @ 7 104  
 3-Lab @ 7 205 202 104 101  
39

Kasper 11:30 pm

Ford Crane - 45000 to 58000  
 42000 to 50000 - Clean Bed Hole  
 Hand labor Grade - 50000 - 55000  
 Dump truck from crane to waste  
 Partially backfilled 18000

Bring in 260 Comp  
 2-Ton cot

Backfill Honey 12 Lab  
 Pump House 2 Lab  
 15 - 5 off 12 M

7-15-38

✓

1-Supt 5 - 1-Forman 10 1-Field 10 1-Clk 5

1-Crane Op 5 - 107

1-Driller 7 103 1-Pondorman 7

1-Trk Op 7 103

19-Lab 7

17- " 7 104

11- " 7 104

48

Kasper 1<sup>30</sup> pmDennis 1<sup>30</sup> pm

✓

7-15-38

5 am 7 pm

Crane, Dump Truck and drillers  
start at 5<sup>00</sup> - Backfill and grade  
crew start 7<sup>30</sup> am. Backfill slowed  
by lack of base takeoffs on 3" line

Crane 55+00 - 58+00

Dump Truck from crane to waste

Hand Labor - 52+00 - 58+00

260 Comp 2 Ton Cat

Tank truck out tenite  
crane to backfill tenite - Down  
while moving

Backfill 15-Lab 7<sup>30</sup> 10<sup>20</sup>30-Lab 10<sup>30</sup> 3 pm

James Foreman

25+00 - 22+20 18 80 - 20+20

7-16-36

## Labor

Kasper 5 - 1 Foreman 10 - 1-CRCS

1 Crane 9 - 8 - Driller 8

1-Prude man 8

Trk Dr 7 - 1 08 101

18 Labor

15 Labor

13 Labor 08 107

+4

Kasper 9am

Carr 9am

7-16-36

5am-7pm

crane loading Trucks for backfill  
start Naen.Part of night and half of men  
on bridges

Backfill between 20+20 and 22+20

25+00 - 32+00 - incomplete

Hand Labor Class I 55+00 - 58+00

2 Dump Trks haul - to back  
fill from borrow - 1 down  
on 2<sup>nd</sup> load3 Trucks haul from 58+75  
to backfill 12<sup>th</sup> 7pmBack fill in front of  
Garages. Dikes 90%  
complete to 38+00.

28 Laborers on Backfill

7-17

✓

1 Supt c 5 1-Engine 8 1-Ork - 5  
 1-Crane oper 8 1-Drill oper  
 1-Powerman 5  
 1-Truck 5 1e3 1/2 e8  
 16 Lab 8 1e5  
 14 Lab 8  
 8 e8 1e5 3e3 1e4 1/2  
 38  
 48

7-17-36

5am 8pm / 21

Hand Labor 55+00 - 58+00

Fine Grade Complete 55+00

3 Trucks haul from 5515 - PM - 7 AM  
 2 " " borrow to backfill Ford Crane

Backfill 26+50 2 Trucks to 38+00  
 50+30 - 51+46  
 51+75 53+86  
 27+50 28+60

Backfill 20 Lab 2 Trucks AM

Ford Crane - 2 Trucks  
 1 Camp - 2 J H  
 2 Acot Pump Mixer

22

7-18-36 ✓

1-Sept 5 1-ENGINE 8 1-CIRCUIT  
 1-Drillerc 3 1-Pndrman 26 1-TK003 107  
 12-Lake 3 207  
 13-Lake 3 107

7-18-36 ✓

5am <sup>gair</sup> 8pm 23

4 Trucks on backfill haul from 5575 <sup>4 Ho?</sup>  
 1 Man backfill at garage  
 all other on grade 5575 west 60x60

Today's trench labor to be 3 hrs

260. Cam V

24

7-28



Stump 10

1-Supt 1 Foreman 28 1-CR 08  
 1-Crane 8 1 Drill 08  
 1-Roadman 28 2-TRK 104  
 20-Lab 8  
 19-Lab 08 107 108  
 1-Lab 08 104 103 113  
 40

Caspers

7-20-30



5am 8pm

25

Ford crane Loading Trucks for  
 backfill 2-TRK  
 Start backfill of first joint west  
 of valve box at 13+00  
 Ditch Ex. 55+00 to 61+00  
 Start shoring west of 57+50 today

Backfill start late (5<sup>45</sup> am) repair  
 waterline and 5 gas trucks

Backfill 20 men. 1 CR. 1 TRK  
 1 Crane 0PH

Except 3 joints west of valve box 29+50

Dikes 38+00

Partially 59+88 to 48+00

Dikes 47+00 48+00

PM. 4 TRK 55 75 - 7 MEN

7-21-36 ✓

1. Supt e 10 1-Forman e 101k e 5  
 1-Crane 8 1-Driller 8 1-Padman e 8  
 2-Trucks 10 7 1/2  
 20-Lab e 8 1e 4 1/2  
 19-Lab e 8  
 2-Lab e 8 1e 5 1/2  
 41

7-21-36

5 a.m. 8 p.m. ✓

Backfill - 18 Lab. 2 Trucks 1st  
 29+50-38+00  
 2nd 4 men - 4 Trucks  
 Hand Labor - Class I 57+50-63+00  
 4 Trucks 5575 to Backfill

Note - 7-27-36

Clarey appear as Supt e 10. No  
 start 7-27 - on charge since I took off  
 the time

28

7-22-36



1-Septic 10. 1-Foreman 8 1-CIKC  
 1-Crane 8 1-Driller 8  
 2-Trucks 102  
 19-Lab 8 107  
 18-Lab 8 107 10 3' 1/2  
 7-Lab 8 106  
 44

7-22-36



5am-8pm 29

6710 to 67100

AM

Backfill - 19-Lab - Tank - 3-Truck - Crane  
 3 Trucks from Ford Crane  
 38100 to

PM

4 Trucks from 5575  
 7 Labors

2 Tan Cat out



7-23-30

1-Sept 10 1-Foreman 8. 1-CRCS  
 1-Crane e8 2-Carpes 1-Drillers  
 2-Trk Dics 1e 4/17  
 22-Lab e8  
 20-Lab e6  
 11-Lab e8 200 1e 1/17  
 1-Lab e8.  
 54

Kasper

7-23-36

5 am - 8 pm

58+00 - 68+00

Carpenters - to Caserate chimney  
 2-Lab - 3/17

Backfill AM

28 Lab 2-making Bases  
 3 Trucks from 5575  
 1 Ford Crane - Barrer

PM

8 Lab  
 4 Trucks - 5575

2'

2

7-24-36 ✓

1-Sept 10. 1-Foreman 08 1-CIKES

1-Crane-08 2-Carpers-10-11-12

3-TRK Drc 8

19-Lab 8

19-Lab 8

14-Lab 8 2 c 1 1/2

57

Pyle Kayser

7-24-36 ✓

5am-8pm 33

Labor 62-7000

Concrete to Harry

AM

Backfill 21 Lab 1-Box

Ford Crane 3 Trucks

3 Trucks from 5575

PM

15-Lab-

4-Trucks from 5575

(260 Oct)

7-25-36 ✓

1-Sept 10 1-Formaldehyd 1-CIKES

2-Carpoc8

2-Label8

1-Label8 104 1/2

8-Label8 102 1/2

11-Label8 104 103

✓

7-25-36 30  
5 am - 1 pm

62- 75

Hand Labor CI I

36

7-27 Lab ✓

7-27-36 ✓

37

5am 1<sup>30</sup>pm

66400 - 91400 class I Ex.

Shifter - 2 laborers on blowoff 23+05

Backfill start 9<sup>30</sup>am - 19 Lab - 1 Box

1 Crane Opti - 3 TrkDr - 3 Dump Trk

Backfill to 61400

fine Gradi to 80+00

Crane and 3 Trucars finish shift  
stack piling west of 61400

7-28-36

Labor

7-27-30

1-Supt 10 1-Foreman 8- 10 CLK 5  
 2-Carp 8 1-Driller 10 8  
 3-TRKDR 8  
 19-Lab 8 20 7 1/2 10 3 1/2  
 22-Lab 8  
 21-Lab 8 10 6 ✓ <sup>total 73</sup>  
 2-Lab 8

64

7-28-36

1-Supt 10? 1-Foreman 8 1-CLK 5  
 3-Carp 8 1-Crane 8  
 1-Driller 5 10 4  
 1-TRKDR 8 20 7 20 7 73  
 16-Lab 8 10 4  
 19-Lab 8 10 1 1/2  
 19-Lab 8 10 3  
 7-Lab 8 20 7

61

CHECK 50 Lab - 3 Pub

3 TRKDR crane

7-28-36

5:00 - 1:30 pm

Class I 70+00 - 96+00

Today's delivery of backfill  
 material has been too erratic  
 due to truck service.

260 camp in 11:00

Pipe 79+94

Shalique - 2 Lab - 23+05 out to 15 Rock  
 Needs drilling

Tim Backfill crew out. Road blocked  
 by truck in Ditch

10<sup>th</sup> start Backfill - 2 Trucks - 9 Lab & Jones  
 Backfill: 61+00 westward - 19 Lab Jane  
 Ford Crane - 2 Trucks - 3 Trk 11<sup>30</sup> am  
 Diked to 66+50 Filled to 62+00

Pusher: Shephard  
 Jones  
 Shanigar

7-29-36

✓

1-Saptesia 1-Foreman e8 1-Oakes  
 3-Carpoe e8 1-Cranoept e8  
 1-Mixerman e8  
 1-Drillere e4 1-TKdre e8  
 1-Pander man e4  
 4-TKdre e8 1e6 2e2  
 16-Labe e8 1e2  
 28-Lab. e8 1e3  
 19-Labe e8 1e3 11  
 10-Labe e8 1e6  
 45

Hyatt  
 Karpers  
 Hortie

7-29-36 5am 1<sup>30</sup>pm ✓

Class I 84450 - 103 + 54

44 Lab 6.00

Initial Backfill to 66+80

Dikes to 75+00

Backfill 17 Lab Tanks

4 Trucils - Crane 5 Trucils 9:30

8 Lab - 9:30 11:30

14-1 11:30 1:30

Tann - Shephard - Shadinget - Pinkie

7-30-36 ✓

1 Septe 10 1 Foreman 8 1 OIK 5  
 3 Corp 8 - Shovel 8  
 1 Maxman 7 1 Driller 4  
 1 Trk 8 - 1 Androm 4  
 4 TKD 8  
 17 Lab 8 1e1  
 18 Lab 8 1e4 1/2  
 17 Lab 8 2e4 1/2  
 7 Lab 8 2e4 1/2 1e6

59

Kasper - RB &amp; Party

7-30-36

5am 1-30pm

90 - 108 + 54

260 Comp

3 Lab Blowoff 68 + 50

Backfill

16 Lab Jones

Ford Crane - 3 TMS - 3 TKD

Dikes 1/2 81 + 00

Backfill 69 + 50

Pusher Jones - Shep - Shaniger

7-31-36 ✓

1-Supter 1 Foreman e8 1-CIKCS  
 3-Carpent 1-Shovel 04 e8  
 1-Mixerman e6 5-Trk Dae8  
 14-Labe 8 1e4 1/2 1e2  
 10-Lab e8 1e4 1/2 1e5  
 14-Labe 8  
 3-Labe 8 1e6  
 41

Karpin 1<sup>30</sup> pm

7-31-36

590, 3<sup>30</sup> pm ✓

96+00 - 103+54 Fine Grade complete

~~260 comp~~

2-Lab Blow off Ditch 68050

Backfill

17-Lab-Joiner-Sher 19-Lab 10<sup>00</sup> on  
 Crane- 3 Tracks from Borrow

91+38 - 90+78 road protection

Dikes 83+75

Complete 73+00

83+80  
Wid 83+00



46

Aug. 1 - 2 ✓

HAWAII

1- Sept 10 1- Pay oiks

1- L ab 6

Aug. 2 ✓

47

Sunday

Aug. 3-36 ✓

1 Supte 10 1 cikes 2 carp e8

1 shovel 7 p e8 1 m x man 4

3 Trdr e8

22 Lab e8

17 Lab e8 1 e7. 1 e4

37

Kaspar

11 m m Foster

Aug. 3-36

5 am, 20 m

Backfill 73 westward 79 + 25

90 + 23 westward

Crane 2 Trucks all shift

1 Part shift

Note some backfill East of  
rain box

James Shepherd Perkins

Aug. 4-36 ✓

1-Supte 10 10ikes 30amps  
 1-Shovelop e8 1-Maxman C4  
 2-TKKr e8 1e4  
 21-Lab e8  
 18-Lab e8 1e4

Harter  
 Kasper

Aug. 4-36 ✓ 5am 1<sup>30</sup>pm

Backfill 79+2.5 westward to 84+00  
 98+00 East-west - Dike to + partly 99+15  
 30" Blowoff 17+00

Ford Crane - not operating No Trucks <sup>5am</sup>  
 start 9<sup>00</sup> 2 Trucks

Jones - Shepard - Pusher

## Labor

1-Supt @ 10 1-Dikes 2-Carpers  
 1-Shovel ops 8 4-TK Dred  
 21-Lab @ 8 1@7  
 19-Lab @ 8  
 4

Backfill 99+92 - 95 4.8  
 DIKE 95+45 - 97+77  
 Backfill 92+77 90+38  
 Dikes 90+38 - 88+60  
 Open 99+92 - 103+54  
 88+60 - 87+40  
 Complete 87+40

3 Lab on blowoff 49+50?

Tonn-shap - Pusher

Concrete crew backfilled east of  
 13+00 part time - See HVN Report

4 Dump Trucks

54

8-6-36 ✓

## Labor

1-Supter 10 1-ores  
 1-Carp c8 1-shovel apes  
 1-mixer c4 4-TK Drc 8  
 13-Labes 1c6  
 8-Labes 1c4

8-6-36 ✓

5 am 1<sup>30</sup> pm

55

Backfill 87+40 to 89+75

Ford crane - 2 Truells

3 Lab Bluff 89+50

56

8-7-36 ✓

1 Supt c10 1 OIKES 1 Cap c8  
 1 Shovel spe 8 1 - TRUCK c7  
 10 Lab c8 1 e6  
 10 Lab c8

Kasper.

✓ 8-7-36

5 am 1<sup>20</sup> pm

57

4 Trucks from 5575  
 to Backfill - Int-nat off. 10<sup>am</sup>  
 10<sup>am</sup> 5 Trucks from 5575

3 Lab on cutoff 89150? 1/2 shift

James Shepherd  
 14 Laborers

Backfill 100+81  
 Dikes 103+84

58

8-8

✓

Concrete only

1-Supt @ 10 1-CIKES

1-Carp @ 8 10 6

1-Mixer @ 6 1-TK @ 6

6-Lab @ 8 10 5

2-Lab @ 8 10 7

~~the~~ coord by

Mitsumoto report

15 men

Aug. 8-9

✓

59

Sat Sunday

All work on 8th concrete

60

✓  
 1 Supte 10 1 crew 1 Camp 26  
 12 Laborers 10 24  
 4 38 6 24

Aug. 10-1936 ✓ 5 am 1<sup>st</sup> pm 61

Backfill 100+81-103+54 - Jones 14 Lab  
 6 Laborers start 13+00 - Clean Bell Holes  
 3 Trucks haul from # 5575  
 10<sup>am</sup> start haul to 98-1-B  
 Backfill crew off 9<sup>am</sup> For test  
 6 Lab & Jan clean bell holes  
 and spot Trucks 3 Trk 5575



1 Supte 10 1 cks 5  
 3 Carpet 1 7-Kron 5 1/2  
 1 Mixerman 26  
 13 Labels 1 ev.  
 5 Labels

Aug-11-36 ✓ 7<sup>00</sup> 3<sup>20</sup> PM

Backfill crew off. No joints  
wrapped.

4 Men clean best holes

2 Men on blow off ditches

Jones-Swain - Comp. 1. T.H.  
on blow off ditches

2 Go camp

Home 10<sup>30</sup> AM.



1 Supt @ 10 10 CKES 2 Carpes  
 2 Trucks 10 7  
 1 Maxman @ 4  
 1 shovel @ 5  
 18 Labels 10 4  
 8 Labels 8

Aug-12-36 7 am 3 30 pm  
 Wed

No Backfill  
 3 Lab clean Bell-Helm  
 7 Trenches

Handle 17 30 pm

## Backfill

L. Swain - arcutt - Barnett - Price  
 M. Swain - Felix - Larison - McDonald  
 Blaroff 23 to 5  
 Elder - Plumlee - Manriquez

Ford Shovel - 2 Dump Trucks

Exhalt - Ransome - Whitson haul DG

to 5575 - 10<sup>th</sup> am to 98-1-B 2 dump

10<sup>th</sup> am - Barfoot - Mack on 98-1-B

Dent Bailey - Benton - Huggins clean

best Holes

Jones 1 pm

Kasper 1:30 pm

Hedie 2 pm

Aug-13-36 7 am 3 pm

8 Lab backfill 14:00 to 16:40

1 Supt 10 1 clerk 2 corp c8

3 Tractor 8 104 1 morman c4

1 shovel age 8

17 Lab c8 104

8 Lab c8

C. G. G. G.

+

Tally HHHH



1-Supter 10 1-clues  
 1-Carpe 7 1e 4 1/2  
 1-TIKORE 8  
 6-Labe 8  
 1-... c6  
 1-Labe 8

Aug 14 36

No work today

Will work tomorrow

BARK 11:30 AM

70

1-TKDr @6112  
6-Labels 504  
3-Labels 204

815-36 ✓

7 and  
2/2/2000

71

Clean Tunnel  
Move Concrete Equip

Bevill 3/2/00

72

✓

Shovelop 8 2 Trk Dr e 8  
13 Labels 107  
3 Labels

Kaspen 2 pm  
Lulsen

✓

Aug-17-36 7 am 3<sup>29</sup> pm 73

Backfill 16780 to 18780 Y etc at 17500

clean Tunnel

12<sup>29</sup> pm 3 men to 89750 Blowoff Trench

2 Trk in Fardshovel start 8<sup>29</sup> am

Flec to tunnel



1-Shovel ops 8  
 4-Trucks  
 17-Labers 107  
 4-Labers

Backfill 18+80 - 20+00  
 22+00 to 24+00

3-Trucks - Ford Shovel - Bamover 11dr

4 Laborers in tunnel

3 - Blowoff 89+50+

3 - Quit 7<sup>20</sup>am

10 Backfill

4 Bell Holes ahead of wrapping crew

Short of dirt all shift

Build crossing at 33700+ in pm

6 Laborers all Trucks 12<sup>30</sup>pm



1 Shovel up 08 5 Trucks 104  
 18 Labe 8 107  
 5 Labe 8

8-19-36

Backfill 20+00 to 22+00  
 24+00 to 25+40

Hard shovel - 3 Trucks  
 2 Trucks 98+50 - 1-5575  
 Shovel down 12<sup>00</sup> 1pm  
 4:15 pm Train

short of dirt all shift



V 8-20-30

Jim Kasper 3  
 1 school of e8  
 3. Ark Bros 1c5<sup>1/2</sup> 1c3  
 19-Lake 8 1c7  
 5 e8 1c5

1<sup>30</sup>pm Kasper - Hartig - Heidson - Maurer

8-20-36 ✓ 7am 3:30pm

Backfill - 25+40 - 28+00

4 Trucks haul dirt  
 1 cleanup  
 Ford Crane Shovel

45 Min Delay - water and hose  
 8:00am to 8:15am - 10<sup>30</sup>am  
 into load ties - 12:00pm

L. Mengler on cleanup - 1-7th

8-21-38



1- Zinc case c3  
 1- shovel apes  
 4- shovels  
 19- Lake 8 107  
 6- c8

Karpis - 2<sup>30</sup> pm

8-21-38 ✓ 7<sup>40</sup> 3<sup>30</sup> pm

Backfill 2800 - 30 + 75

Ford shovel - 4 Trulika Dirt  
 1- Tex cleanup

30 min

82

8-24 ✓

1 Iron Kupper  
 1. plow of 25  
 1. Bulldozer CG 1.27  
 4 Tractors  
 21 Labels  
 5 Labels

33

8-24-36 ✓ 500 7pm

7am 3pm 83

Backfill - Bell Holes 30+75 35+75  
 West end valve box

Final - 15+50 - 18+50

Ford 3000 - 4 Tractors

60 Cat 1.4 1/2 hr -

23 AM

84

8-25-26

✓

85

Newark

Holiday

1-CLKc3  
 1-Shovel of e 8  
 1-Bullseye 7 1/2 1c7  
 2-More 8 1c3  
 19-Label 8  
 5-Label 8

Mr. Kasper. Pyle. Hamt. Heiden. Williams

8-26-36 ✓  
 5:00 PM 87  
 7:00 PM

Ball Hole Backfill 35+75 to 40+50  
 Final 18+50 to 20+50

Ford Crane - 3 Dumps  
 2 Dumps from 5575

Wrapping 62+63  
 Final 51+48

American to 88+00 for sand  
 27 men



1 Truck per 3  
 1 Shovel apt c 4"<sup>2</sup>  
 1-Clam c 8- 10 lines  
 1-Bulldozer c 8- 10 7<sup>2</sup> 107  
 5 Trax 8  
 14 Lanes 105 601  
 4 CB 104

8-27-36 5 am 7 pm  
 7 am 2 3 pm 89

Backfill Bell Holes 40+50 to 44+50  
 Final 20+50 - 22+50  
 Backfill Bell Holes 53+58 to 5.2+58  
 Fordshovel at bottom of dam for road  
 American Clam . . . 88+00

4- Dump Trucks

Fordshovel out at 11<sup>30</sup> am  
 carry Bentonite as Bulldozer gets  
 Cat down 12<sup>15</sup> am. Operate prim<sup>120</sup>

Priming to 1<sup>st</sup> joint east of main hole  
 75+07 74+80  
 on 8-26-36  
 wrapped 71+3.7 accepted 55+07  
 Primed 8-27- to 82+00

13 men all day backfill

16 9<sup>30</sup> am

Balance of regular crew to  
 5575 on concrete and tunnel  
 job

1-Crane 3  
 1-Clam oyster 100000  
 1-Bulldozer 107<sup>1/2</sup> 107  
 4-Trucks 105  
 14-Lab 105  
 5-Lab 08

Kasper 2 pm  
 Hudson 3 pm

Bell-hole Backfill 44+50 - 46+15  
 52+58 - 50+00  
 Final 22+50 - 26+00 Back to 15+50  
 2<sup>30</sup> pm water east to 13+50

American - 4 Dumps on sand bank

Patch 50+66  
 Primed for 86+20  
 wrapped 80+32

Set 20' rise at 13+00

9 Men Tunnel  
 11 Lab. backfill  
 2 clean Bell hole  
 4 Trucks  
 3 - Bulldozer 0 P  
 1 Crane  
 1 Laborer



1-CIKEB 8  
 1-Clam aptos 1011er6  
 1-Bulldozers 1071/2 107  
 4-TKDRS 106  
 14-Labors 105  
 5-Labors



Backfill Bell Hole 5800  
 Bulldozers 2600 - 2900

American clam and 5 trucks on  
backfill haul

1-90 Bulldozer saw 7000  
 3 operators  
 18 Labors 101 day  
 2- 3 hrs

5 TKDR  
 1 operator - crane  
 1-9111



94

8-30-36

95

Sunday  
Newark

Inventory 3

1. Dragline op - 8-10110114

1. Bulldozer op 28 107 107 1

3. Trk Dr 8 104

2. Elec 28

15. Labels 105 104 203

8. Labels 304

2pm Hyatt Karpur Hudson

Bellhate backfill 55+00 - 60+50

70

Final Backfill 29+50 - 30+50

and east of valve box

start flooding final backfill

2<sup>nd</sup> shift 29+00 west and east of valve box

1<sup>st</sup> shift cat east of valve box

2-60 Cat Bulldozers

1-American Crane

4 Dump Trucks

1-Cat to 5575 - 100m

Total 39 men

4 Trk Dr

4 Catskinners

5 In tunnel

4 Clean Bell Holes

1-Clarey

21-Backfill

Total 39 men



Timekeeper 03  
 1-Clam apt 08 101108  
 1-Bull dozer 207  
 4-TRD's 105  
 2-Flacc 08  
 17-Lake 8 105 103  
 10-Lake 8 107 106 303

Backfill Bell Hole 69+50 - 717+25

Final Backfill <sup>30+50</sup> 33+00 Bull-doz  
 57+50 - 59+00

American 71+75 - 76+50

Start trench for recording gauge  
 connections at office

Bell Hole Backfill 22  
 Turb. Chlorine 2  
 Flood Backfill 2  
 Clean Bell Hole 4  
 TRDR 5  
 Tractor op 4  
 Clam Oper 1  
 other 1

45mer

9-2-36 ✓

1. Junkyard 03  
 2. Drag line 9408 2. Oilones  
 1. Bulldozer 08 307  
 3. Tractors 2. Eleces  
 19. Labes 205 1/2  
 20. Labes 207 105 1/2

Kasper 7<sup>30</sup> pm

9-2-36 ✓

5 am 7 pm  
7 am 3<sup>30</sup>

Both hole backfill 63+50 60+50 300  
 69+50 65+50 400

Final 59+00 - 60+00  
 33+00 - 34+50

Puddle 21+25 - 19+00

Niteshift American - 66+35 - 71+75

Niteshift Puddle 72+35 - 74+50

1- oiler

1- clam operator

29. Lab Hand backfill

2. Catswamper

Clay Tunnel Closure

4 Lab

3- Bulldozer op

1- as foreman

2 Tractor

1 PM

2 Lab Recorder Trench

5 Man - Light system

1 Lab Flooding Backfill

---

53 total

1 watchman

---

54

9-3-36 ✓

1-Timberline 3  
 2-Crane Oper 2 Oilers 8  
 2 Bulldozers 8 207  
 4- Truck Drivers  
 2 Elec 8  
 20 Lab 8 106  
 21 Lab 8 207

9-3-36 ✓

5000-7pm

7923 24pm

Backfill bell holes 63+50 - 65+50 204  
 77+25 - 88+30

Final Backfill 60+00 60+25  
 64+50 - 66+25

1-60 Cat out to 55.75  
 1-Cat Level final Backfill 71+25 - 66+25  
 Bell hole Backfill 32 Lab  
 Ditch 1300 2 Lab  
 Valve box 1 Lab  
 Truck Dr 4- Driver  
 Tunnel closure 4- Lab  
 Bulldozer Swamper 1 Lab  
 Tunnel light 5  
 clam 1- operator  
 1- oiler  
 Nite - Backfill 2  
 3- Bulldozer 3  
 56

9-4-36 ✓

1. Tanker  
 2. Crane 908 - 2011008  
 2. Bulldozer 08  
 2. Truck 105  
 2. Flac 8  
 18 Lake 8  
 20 Lake 8 107  
 2. Lake 8

clim. 1 apt

1. site

4. 7.11.01

Tunnel 3 Lab

Final Bay 1 Lab

1. Trac. apt

Dram. 4 Lab

Ball 29

Foreman 1

Kasper - 2<sup>30</sup> pm

9-4-36 ✓

50m 7pm

70m 3<sup>30</sup> pm

Backfill Bell Hole 88+30 - 98+00

Last nite crew floods 22+00 - 21+75

70+75 - 76+50

Final Backfill Last nite 60+25 - 63+50

79+75 - 82+00

American 4 - Blimp 1-00 cut am

2 pm?

1 Grader?

106

9-5-36 ✓

1-Septes - 1 Junkup ✓ - 100000

1-Older 311 101

1-Builder 7 104 104 107

3-Tree 8 103

2-Flower 8

5-Lake 8 205 104 103

8-Lake 8 105 204

1-Lake 8

14

3-MON

9-5-36 ✓

5am-7pm

7am-3pm

107

Bell Hole 103+24 - 100000

Puddle last night 64+75 - 70+50

Backfill last night 85+00 - 82+00

9-8-36 ✓

1. Trunking pipe 3  
 2. Elec c8  
 2. Crane c8 2. axle c6  
 2. Bulldozer 7 1c8  
 3 Trunking 1c4  
 2-Lake 8 2-Lake 2" 2  
 2-Lake 8 1c7

Karpis 2:39pm

✓ 9-8-36 5:00-7pm

7:00 3:30pm

Bell Lake backfill 10000 - 98000

Drain 13000

uncover water pipe 17000 west

4 Trucks 1.0m. clam - 1. cat  
backfill 45000 F west

1. cat at pit

1" 2500 F

Flood - 75000 - 65000

East of 13000

FLYING



110

9-9-36

111

*Holiday*

9-10-38 ✓

1. Junker 3  
 1. Dragline C7 108  
 1. Oiler 8 107  
 2. Bulldozers 107  
 4. Excavators 104  
 18. Labor

Kasper 2pm

9-10-38 ✓

clam loading sand for backfill  
 3 Dump Trucks 4200 west  
 5 Lab Drain 1300  
 Level backfill 1300 East

2pm

Bulldozer level full  
 as dumped by trucks  
 truck

114

9-11-36



1-CIK 3      1-Elec 8  
 1-Craneape 7 108  
 1-oiler      7 108  
 2-Bulldozer 8 107  
 1-TXK 8  
 17-Lab 8      107

Karpur 3pm

9-11-36



115

Final Backfill Am. Crane 34+00 west

4246 Drain 13+00

Cut down - 8<sup>30</sup> am ok. To 65+00. work west  
 level - 65+00 - 90+00.

all valve wells installed  
 except of 103+54

116

9-12-37

✓

1-Crane 103  
 1-Crane e7 108  
 1-Loader e7 108  
 1-Bulldozer e8 104  
 14-Labors 105

Kasper 1pm

9-12-36

✓

117

Crane 3500 Bonnavi Fujil 39100  
 2-Dump Trucks - Ramsey - Reeder

Both cats on 5575

14 men my shift

118

9-13-36

119

Sunday

9-14-36



1. Olan 7-108  
 1. Carpes.  
 1. Oileres 107  
 2. Bulwag 7-108  
 1. Zebra 3 108  
 1. Lab 7  
 15 Lab 7  
 1. C5

9-14-36 ✓ 5am

Cruise final 5-2+25 westward

Go cat Level 3900 west  
 2<sup>nd</sup> Cat in 4pm Fill. 98+00+

start catwalk

clean Tunnel Balts.

Flood Fill 3900+ west to

122

1-clamp 7 1e8

1-arm 7 1e8

3-Bulldozer 7 2e8

12-ke 5

15-Labe 8

1. e6

1-Walchman e7

Hyatt-Hudson-Dennis-Thurston 10<sup>30</sup> am

✓ 9-15-36 5am 7:10 AM  
7:00 8:30 AM

123

American Backfill 55+00+west

60 cat backfill 98+00 west

1-Breaker

1-Compressor 17H at drain 13+00

1-60 cat general cleanup and level

1-Dump TK

Start dismantle water line this am

Backfill Bell hole 103+24

9-16-36 ✓

1 clam ape 8 107  
 2 sulms 8 10ullms 8  
 3 Bulldozer 7. 103 108  
 1 Tractor 1  
 1 Wash machine 7  
 18 Lake 6

✓ 9-16-36

American 9150 west

Hand Labor - Dike and floor  
 Trim and paint trees  
 Drain 10100

American crane  
 2-60 Cats  
 1-Grader  
 1-260 Corn  
 1-Jit  
 1-Breaker



9-17 ✓

2 Dragape 7 1011e 8 107  
 1- Driller e 8  
 3- Bulldozer e 7 2e 8  
 1- Tractor 3 1- Watchman e 7  
 17- Labor e 8  
 2 .. e 7 112

Karpis 3pm

9-17-36 ✓

American Crane final backfill  
 2-60<sup>c</sup> leveling to flood and pile rock  
 2600 comp J.H. Breaker drain 13500  
 2- Trees

Consolidated set valves in tunnel  
 crew trim and paint trees  
 .. flooding  
 .. drain 13500

9-18-36 ✓

1-Clam ope 5 107

1-Grader 8 105

1-Bulldozer 7 108

1-Till Dr. 8 - 1 watchman 7

16-Labers

Carpenter 2 2pm

9-18-36 ✓

American - cleaning up and backfilling  
Loading Truck for crossing at line

2-Go Cuts leveling

1-Grader

1-Compressor

1-Till

Labor on Trees

Drain 1300

Backfill and crossing

9-19-36 ✓

4-Bulldozers  
 1-Truck  
 1-Watchman  
 7-Labors

Felix - Price - Benton

Dent - Benton

Alvarez - Garrett

Munro

Kellum - 12/11

2-Cats Kellum - Wellington

9-19-36 ✓

2-Bulldozers live final fill  
 and clean up  
 American Isle  
 Camp Isle  
 Install drains 13+00  
 1 Truck

✓ 9-Cor Corn conc 15 Joints - 46 Cor  
 36 - D.H.

132

9-20-36

133

Sunday

Doams - 3pm

Simon Foreman	Cat
Felix Larson - McKinney	Wrightington
Gravelka - Elder	Reburn
Manila Dent	McKinney
Garrett Price	Lopez
Barnett	McCartney

Clam

Le Watkins

Smith & Wolf

American loading two trucks  
for backfill 5575  
2-60 Cats loading & Bladung  
Clean value box 13+00  
1-30 cat small blade grade

9-22-30

- 2-60 Cato leveling and grading
- 1-30 Cato - level and grade
- 1- Pump Truck picking up rock

Dennis 8am

4pm Pyke - Dennis - Sealton  
Kasper - Hudson

9-23-24

2-60 Cats 1/2 day

1-30 Cat

Level Grade

140

141



142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157



158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173



174

175

93768 No Side

94122 OK to Here

Start new wrap Supp. video

94+22

9-1-36

73+06 OK

76+66 OK 7:40 am

77+84 9:45 am

79+04 top OK

79+64 Tab - Bot. Side OK

80+22 No Side OK

81+70 Top. Bath Side OK

82+00 Not so Side OK

82+60 3 on No Side OK

82+90 No Side So Side OK

9-2-38

OK 84+10 Paper off No Side

OK 84+70 paper off No Side

OK 86+20 Jam - Mud

OK 87+10 No Side

OK 87+40 No Side So Side

OK 87+70 No Side So Side

OK 88+00 No Side

OK 91+88 No Bat

OK 92+48 No Bat

OK 92+78 No So Side

OK 93+38 No Side To Here

8.29-30

- 59+96 Bottom OK 8-31  
 60+56 So. W. Side Patch OK 8-31  
 60+86 S. E. Side Patch 2 Holes <sup>OK 8-31</sup>  
 61+16 S.W. side and bottom <sup>OK 8-31</sup>  
 62+63 OK 7-30 am 8-31-36  
 62+93 Caved OK  
 63+50 No side OK  
 64+40 All around OK  
 Good for 65+10 except caved OK  
 64+70 2 So side OK  
 66+80 Bot So side OK  
 67+10 Top OK  
 67+40 So side OK  
 68+01 No side OK  
 68+30 So Side So Side OK  
 68+59 No side OK  
 69+17 OK 85m  
 70+08 Top-Bot 2 sides  
 70+38 OK 8-31-36 11 3/4 am  
 70+68 So side OK  
 72+17 So Side No Side Bottom OK  
 72+37 " " " OK  
 72+67 " " " OK  
 73+06 No side OK

Patch

- 48+80 No side ✓  
 48+50 ✓  
 48+20 ✓  
 47+60 ✓  
 45+85  
 51+48 OK - 12 am 8-22-36  
 51+48 Seal So side ✓  
 51+78 Patch So side ✓  
 52+68 Seal ✓  
 52+98 Patch So side <sup>OK 8-28 am</sup> 8-27-36  
 52+7-36  
 53+88 Broken paper to side ✓  
 Primed and wrapped  
 56+26 top ✓  
 56+56 No side ✓  
 56+66 Wrap Rewrap ✓  
 56+96 NO So sides ✓  
 58+16 No side uplax ✓  
 59+36 Bottom No side So side  
 59+66 Seal Tap No side ✓  
 Patch So side ✓  
 59+96 Patch Bottom ✓

Bushrod - KR

Lemosa 7650 units

Bushrod K.L.

7650 units

Barco Mfg Co

1815 Winnemac ave

Chicago Ill

17+30 Patch 15th Aug

2 Good + next patch bottom

2 Good + " " " "

9 Good + " " " "

1 Good + " " " " Top patch

9-5-36-206 02242

Lacey

Feb 1502-W

169

145

21

3

36

28

180

72

90

22

10

4-0'x2'4"

36

36

216

108

48

45

384

192

2304

1296

1008

476-7-17 3-528

57+50 Both sides of Bell Hole

- not less than 8" oil along

Five  
main 4567

54 50  
90

52+10

57+56 - 9 sec

58+20 ok

62+33 ok

62+33 ok  
62+33 ok

Aug 7-25-36

206-7-22-91419 206-7-31-91522

7-23-91434

24-91441

29-91473

30-91508

94+75 - 95+25

Aug 3-206 91546

4-206 91556 - 7912

5-206 91595 - to Town Janito

6-206 91683

7-206 91696

10-206 91727

11-206 91747

13-206 91756

14-206 91756

1968 Survey of 16

Ocean Beach

OECOM

785

State Eng Dept

4610

1104 Assembly

785

146

D-E

99

26

594

198

7574000

489

84 22603

22

22

22

48

86

264

102

284

22

22

22

14

54

45

56

210

225

2520

124

12.8

61+20 dia

50+0 camp

2700

18900

49140

27

25

100

Shore 7245

8-29-36 A 249 - 73167M