

Project 215 66" Water Transmission Lines

CHEMICAL AND TESTING

Wichita Laboratories

LAB. NO. 901261 (REFER TO THIS NUMBER)

DATE 4-20-56

LOCATION: Colwich, Kansas

BATCH PLANT Lock Joint Pipe Co

CONTRACTOR Lock Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

WEATHER Partly Cloudy

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|---|--------------------|---|---------------|-------------|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 4-23-56 | 0 | 0 | 0 | 0 | --- | 20 | 819, 821, 823, 825, 826, 828, 831, 834, 837, 861, 864, 869, 891-895 | 20 | 773-780, 782-785, 788, 789, 820, 827, 933, 935 | 0 | --- | 0 | --- | --- |
| 4-24-56 | 0 | (1) A-16 | 1 | 0 | --- | 20 | 896, 891, 987, 990, 992, 995, 997-1006 | 20 | 711, 757, 819, 821, 823, 825, 826, 828, 853, 857, 858, 863-867, 931, 932 | 0 | --- | 0 | --- | |
| 4-25-56 | 0 | 0 | 0 | 10 | 1082-1091 | 25 | 811, 824, 896, 897, 930, 931, 934, 1067, 1086, 1080, 1011, 1013 | 20 | 839-862, 888-895, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000, 1001, 1002, 1003, 1004, 1005, 1006 | 0 | --- | 0 | --- | |
| 4-26-56 | 0 | 0 | 0 | 10 | 1092-1101 | 25 | 1009, 1012, 1014, 1017, 1020, 1036-1039, 1041-1044 | 20 | 896, 897, 939, 940, 942, 945, 947, 987-996, 1003, 1005, 1006 | 1 | 6229 | --- | --- | |

CONTRACT EXTENSION-342

LINEAR FEET PIPE MADE THIS REPORT 120811

TOTAL FEET TO DATE 120811

THEORETICAL BATCH WEIGHTS (DRY) Actual

3 Yard Batch

TYPE AMOUNT

FINE AGG: Dolose 3660

COARSE AGG: Kolline 3/4" 5480

CEMENT: Konaroh 2060

SPECIAL: Water 87 Gal

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: None-Taken

HEAT NO.:

WELD SAMPLES:

REINFORCING MESH:

TAKEN: 4-25-56

DIAMETER: .107

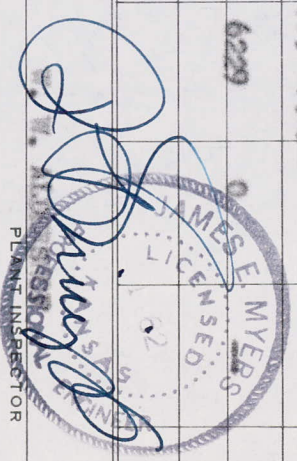
SQ. IN./LIN. FT.: 20x20x12# Strip

STRESS WIRE:

TAKEN: 4-25-56

DIAMETER: .1967

TENSION: 1100 to 1300 Avg.



PLANT INSPECTOR

REMARKS: Changed from Lehigh to Konaroh Cement 4-26-56

2-1/2" Lock Joint @ Colwich

CO-Seller 1-1/2" Roll 1-1/2" Bars

FILE 1

PAGE 1 OF 2

Project 2155
66" Water Transmission Lines

LOCATION: Colwich, Kansas

Wichita AND Laboratorics
CHEMICAL AND TESTING

ENGINEER/ARCHITECT: Mack & Vothch
CONTRACTOR: Lock Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 901261
(REFER TO THIS NUMBER)
DATE 1-28-56
BATCH PLANT Lock Joint Pipe Co.
WEATHER P1P-2114

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|------------------------------------|--------------------|---|---------------|-------------|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 1-27-56 | 0 | 0 | 0 | 0 | | 10 | 898-900, 902, 901, 907, 1015, 1024 | 20 | 814, 824, 930, 924, 926-928, 921, 913, 914, 1017-1011, 1013, 1014, 1019, 1020, 1023 | 2 | 219, 226 | 0 | 0 | |

CONTRACT EXTENSION - 242

LINEAR FEET PIPE MADE THIS REPORT 120811

TOTAL FEET TO DATE

THEORETICAL BATCH WEIGHTS (DRY) ACTUAL

TYPE 3 Yard Batch AMOUNT

FINE AGG: Dolose 3660

COARSE AGG: Rollins 3/4" 5400

CEMENT: Monarch 2060

SPECIAL: Water + 87 gal

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____

HEAT NO.: _____

WELD SAMPLES: _____

REINFORCING MESH: _____

TAKEN: _____

DIAMETER: _____

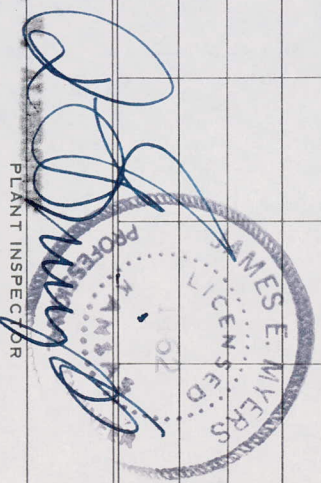
SQ. IN./LIN. FT.: _____

STRESS WIRE: _____

TAKEN: _____

DIAMETER: _____

TENSION: _____



REMARKS: * All Sedgwick County

Pipe and Specials have been shipped.

2-1/2" Lock Joint @ Colwich

CC: 2-welder
1-knoll
1-tilers
FILE 1

1428 N. MOSLEY AVE.
Project 21 55

PLANT CHECK NO. 118

Hobart 4-3948

PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT Black & Veatch
CONTRACTOR Lock Joint Pipe Co.

CHEMICAL AND TESTING
Michita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 901294
(REFER TO THIS NUMBER)
DATE 4/23/56
BATCH PLANT Lock Joint Pipe Co.
WEATHER Fair - Cool

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|---|--------------------|---|---------------|-------------|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 4/16/56 | 0 | 0 | 0 | 10 | 1035 | 20 | 115, 856, 920-927 | 20 | 847, 875, 886, 918, 919 | 3 | 6236, 6235 | 0 | | |
| 4/17/56 | 0 | 0 | 0 | 10 | 1036-1045 | 20 | 928, 929, 948-954, 957-967 | 20 | 809-813, 856, 873, 874, 908, 911, 912-916 | 0 | | | | |
| 4/18/56 | 0 | 0 | 0 | 19 | 1046-1064 | 20 | 892, 932, 955, 956, 968-972, 976-986 | 20 | 912, 917, 920-967 | 1 | 227 | | | |
| 4/19/56 | 0 | 0 | 0 | 17 | 1065-1081 | 20 | 770-776, 779, 820, 849, 852, 933, 935, 973-975, 977-982, 983, 985 | 20 | 892, 932, 948-957, 965-966, 977-982, 983, 985 | 2 | 214, 220 | | | |
| 4/20/56 | 0 | 0 | 0 | 0 | - | 20 | 787, 847, 855, 857, 863, 867, 921 | 20 | 848-852, 858, 875, 915, 976, 982, 984, 986 | 1 | 6236 | 0 | | |

LINEAR FEET PIPE MADE THIS REPORT 120369
TOTAL FEET TO DATE 120369
Contract Extension 909

THEORETICAL BATCH WEIGHTS (DRY)
FINE AGG: Dolene 1156
COARSE AGG: Voline 3/4" 4994
CEMENT: Monarch & Lough 2050
SPECIAL: Water 2 07001. 2 07 001.
ADMIX:

STEEL TEST DATA
CYLINDER WELD SPECIMENS:
TAKEN: Non-taken
HEAT NO.:
WELD SAMPLES:
REINFORCING MESH:
TAKEN: 4/18/56
DIAMETER: .105
SQ. IN./LIN. FT.: 2"x2"x12" (std)
STRESS WIRE:
TAKEN: 4/18/56
DIAMETER: .1906
TENSION: 4100 TO 4300 LBS.

REMARKS:
Letich cement 4/19/56, 2 bags over # 222, 223, 224, 225 have been deleted by the Sudd. Co. Sudd. Co. transferred to Reynolds county. They have been assigned A-21, A-22, A-23, A-31, A-32 Respectively.
2 Lock Joint Pipe Colwich
2 3/4" roller
CC: 1 Knoll
1 Reas
W. W. Albers
PLANT INSPECTOR
FILE 1 OF 1

PLANT CHECK NO. 47

CHEMICAL AND TESTING

Michita Laboratories

LAB. NO. 90A179

(REFER TO THIS NUMBER)

DATE 11 April 1956

BATCH PLANT Look Joint Pipe Co

WEATHER Fair-50%

Project 2155 Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT Black & Veatch
CONTRACTOR Look Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|--|--------------------|---|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 4-9-56 | 3 | (1) A-5 | 4 | 20 | 947-967 | 31 | 735-744 | 20 | 690, 697-699, 697, 698, 700, 703, 704, 707, 708, 713, 714, 718, 719, 715-717, 718 | 0 | 0 | 0 | 0 | |
| 4-10-56 | 22 | A-23 (1) | 23 | 20 | 967-986 | 20 | 801, 804-808, 808, 817, 818 | 20 | 735-737, 742, 750-759, 765-768, 769, 771, 772, 777, 795, 800, 802, 804, 807, 820, | 1 | 6227 | 0 | 0 | |
| 4-11-56 | 19 | (1) A-23 | 20 | 19 | 987-1006 | 20 | 816, 819-820, 817, 819, 825, 827, 827, 828, 830, 835, 837, 841, 846, 849-850, 847, 847, 852, 854, 857, 857, 858, 860, 865, 867, 870, | 19 | 760-764, 790-794, 796, 797, 798, 800, 802, 804, 807, 820, | 4 | 6202, 6205, 6210, 6215, | 0 | 0 | |
| 4-12-56 | 1 | --- | 1 | 1 | 987-992 | 1 | 872, 873, 874, 875, 876, 877, 878, 879, 880, 885, 887, | 1 | 809, 813, 816-818, 872-877, 881, 884, 886, 888, 891, 894, 896, 898, 918, 919 | 1 | 6209, 6211, 6213, 6225, 6227, 6228, 6237, 6238, | 0 | 0 | |
| 4-13-56 | 0 | 0 | 0 | 19 | 1007-1025 | 20 | 809-813, 816-818, 872-877, 881, 884, 886, 888, 891, 894, 896, 898, 918, 919 | 20 | 775, 798, 829, 831-837, 841, 845, 846, 869-872, 885, 887, | 6 | 228 | 0 | 0 | |

LINEAR FEET PIPE MADE THIS REPORT 1273
TOTAL FEET TO DATE 119,560

THEORETICAL BATCH WEIGHTS (DRY) AMOUNT

3 Yard Batch

TYPE

FINE AGG: Dolene 4156

COARSE AGG: Moline 3/4" 4996

CEMENT: Monarch 2058

SPECIAL: Water 7-87 GAL.

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 4-10-56

HEAT NO.: 36-S-139 P.O.

WELD SAMPLES: 00 1, 2, 3, 4,

REINFORCING MESH:

TAKEN: 4-11-56

DIAMETER: .107

SQ. IN./LIN. FT.: 228 X 128 STRIP

STRESS WIRE:

TAKEN: 4-11-56

DIAMETER: .1518

TENSION: 1100-1300 Avg.



REMARKS: Monarch Cement 4-13-56. Fract. Inspector

Pipe No. 492 was dropped and damaged beyond repair. A few more of the same Serial No. was poured 4-13-56

3 Look Joint & Colwich

2 Bellier

1 Knoll

1 Boss

FILE 1

PAGE 1 OF 1

Project: 2155 Contract Extension
LOCATION: Colby, Kansas
ENGINEER/ARCHITECT: Mark & Vetch
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Michita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 90A15
(REFER TO THIS NUMBER)
DATE: APR 11, 1956
BATCH PLANT: Lock Joint Pipe Co.
WEATHER: Fair - Windy

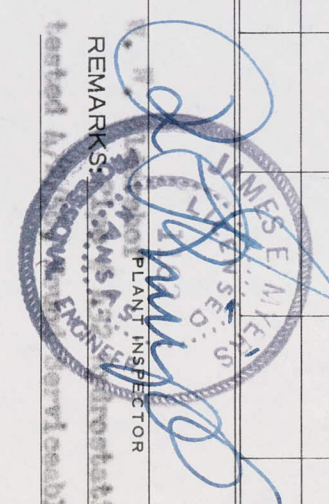
| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|---|-------------------------|-------------------|----------------|-----------------|--------------|-----------------------|--------------------------|-----------------------------|-------------|---------------|-------------|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| <u>4/2/56</u> | <u>38</u> | <u>A-18</u> | <u>39</u> | <u>39</u> | <u>790--</u> | <u>37</u> | <u>581, 593</u> | <u>530, 540, 541, 543</u> | | | | | | |
| Temp: High: <u>80°</u> Low: <u>60°</u> | | | | | <u>828</u> | | <u>504, 595</u> | <u>40 585-570, 587, 588</u> | | | | | | |
| Green Concrete: <u>64° @ 15' Outside.</u> | | | <u>1 spec</u> | <u>A-17</u> | <u>829--</u> | <u>38</u> | <u>616, 620-631</u> | <u>591, 592, 593, 594</u> | | | | | | |
| <u>4/3/56</u> | <u>37</u> | <u>A-19</u> | <u>38</u> | <u>39</u> | <u>867</u> | <u>38</u> | <u>617-619</u> | <u>37 575-584, 589, 592</u> | | | | | | |
| Temp: High: <u>62°</u> Low: <u>41°</u> | | | | | <u>867</u> | | <u>632-655, 659-649</u> | <u>595-590, 603-613</u> | | | | | | |
| Green Concrete: <u>64° @ 15' Outside</u> | | | <u>1 spec</u> | <u>A-18</u> | <u>870--</u> | <u>2 spec</u> | <u>1-21, 125, 3 spec</u> | <u>1-21, 1-22, 223</u> | | | | | | |
| <u>4/4/56</u> | <u>37</u> | <u>A-19</u> | <u>37</u> | <u>40</u> | <u>907</u> | <u>40</u> | <u>650-658</u> | <u>600, 611-621, 627-</u> | | | | | | |
| Temp: High: <u>68°</u> Low: <u>33°</u> | | | | | <u>907</u> | | <u>670-694</u> | <u>649, 662-663, 667-</u> | | | | | | |
| Green Concrete: <u>63° @ 56' Outside.</u> | | | <u>1 spec</u> | <u>A-19</u> | <u>908--</u> | | <u>697, 698</u> | <u>650-660, 664-666</u> | | | | | | |
| <u>4/5/56</u> | <u>40</u> | <u>A-20</u> | <u>42</u> | <u>40</u> | <u>947</u> | <u>40</u> | <u>700-709</u> | <u>2 spec 124, 125</u> | | | | | | |
| Temp: High: <u>70°</u> Low: <u>45°</u> | | | | | <u>947</u> | | <u>705, 696</u> | <u>650-660, 664-666</u> | | | | | | |
| Green Concrete: <u>67° @ 46' Outside</u> | | | | | <u>947</u> | | <u>710-724</u> | <u>670-689, 703, 702</u> | | | | | | |
| <u>4/6/56</u> | <u>19</u> | <u>-</u> | <u>19</u> | <u>0</u> | <u>-</u> | <u>0</u> | <u>728-749</u> | <u>705, 706, 708, 709</u> | | | | | | |
| Temp: High: <u>50°</u> Low: <u>40°</u> | | | | | <u>-</u> | | <u>890-700</u> | <u>703, 704, 8 spec</u> | | | | | | |
| Green Concrete: <u>64° @ 55' Outside</u> | | | | | <u>-</u> | | <u>717, 710-</u> | <u>729, 734</u> | | | | | | |
| | | | | | <u>-</u> | | <u>710-714</u> | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2560
TOTAL FEET TO DATE 118280

THEORETICAL BATCH WEIGHTS (DRY) Actual
TYPE AMOUNT
FINE AGG: Dolose 6156
COARSE AGG: 14004
CEMENT: 2055
SPECIAL: Water 2.87 gal.
ADMIX:

STEEL TEST DATA
CYLINDER WELD SPECIMENS:
TAKEN: None Taken
HEAT NO.: None Taken
WELD SAMPLES:
TAKEN: 4/4/56
DIAMETER: 2 7/8" x 11" strip
SQ. IN./LIN. FT.:
STRESS WIRE:
TAKEN: 4/4/56
DIAMETER: .1945
TENSION: 6100 to 6300 avg.

REMARKS:
PLANT INSPECTOR
CC: 2 Lock Joint Co. Colby
2 Waller
1 Knott
1 Rose
FILE 1 OF 1
PAGE 1 OF 1



PROJECT: Water Transmission Lines
LOCATION: Colwich, Kans.
ENGINEER/ARCHITECT: Black & Veatch
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Michita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 90407
(REFER TO THIS NUMBER)
DATE April 3, 1956
BATCH PLANT Lock Joint Pipe Co.
WEATHER Partly-Cloudy-Cool

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|------------------------------------|-------------------------|-------------------|----------------|-----------------|---------------|--------------|---|------------|---|--------------------|--|---|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 3/26/56 | 35 | 124, 125 | 37 | 37 | 631 | 36 | 362, 364, 365, 369, 411, 413, 414, 417, 426, 420, 419 | 38 | 325-332, 335-340, 346-370, 380-398 | 3 | 115, 218, 231 | Notes: Pipe Serial #358 had 2 longitudinal cracks before prestressing they were measured at the widest points. These measurements were 0.26" O.D. & .004". After prestressing they measured .003"-.001"-.001" respectively. | 432 had one longitudinal crack the .005 in two different places as the pipe No. 403, 404, 407, 408, pipes will be hydrostatic tested before approval. | 122, 134, 136, 149, 160, 182, 184 | 122, 134, 136, 149, 160, 182, 184 | 122, 134, 136, 149, 160, 182, 184 | 122, 134, 136, 149, 160, 182, 184 | |
| Temp: High 81° Low 50° | | | | 3 spool | 421, 422, 223 | 4 spool | 220, 224, 221 | 3 spool | 361-365, 371-379, 400, 401, 402, 404, 407, 408, 419-426 | 7 spool | 420, 419, 220, 224, 599, 402, 405, 406, 409-418, 446, 447, 449-459, 461-465, 467-474 | Notes: Pipe Serial No. 466 had two longitudinal cracks .019 & .005 wide at the widest point. After prestressing these cracks measured .001 & .001 respectively. This pipe will be hydrostatic tested before approval. | | | | | | |
| Green Concrete: 65° @ 70° outside. | | | | | | | | | | | | | | | | | | |
| 3/27/56 | 35 | - | 35 | 38 | 632-669 | 40 | 410, 441, 444, 447, 479-514 | 40 | 405, 406, 409-418, 446, 447, 449-459, 461-465, 467-474 | | | | | | | | | |
| Temp: High: 71° Low: 50° | | | | 2 spool | 425, 425 | 2 spool | 425, 425 | | | | | | | | | | | |
| Green Concrete: 66° @ 66° outside. | | | | | | | | | | | | | | | | | | |

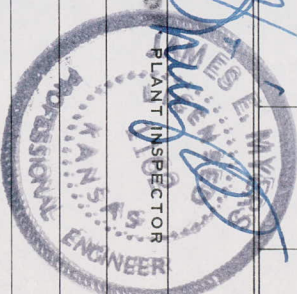
LINEAR FEET PIPE MADE THIS REPORT 115712
TOTAL FEET TO DATE 115712

THEORETICAL BATCH WEIGHTS (DRY) Actual
TYPE AMOUNT
FINE AGG: 4156
COARSE AGG: 4050
CEMENT: 4050
SPECIAL: 2 07 041
ADMIX:

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
TAKEN: 3/20/56
HEAT NO.: 13-2-211-P.O.
WELD SAMPLES: 1, 2, 3, 4
REINFORCING MESH:
TAKEN: 3/20/56
DIAMETER: 1.07
SQ. IN./LIN. FT.: 2.42 x 12" 4713
STRESS WIRE:
TAKEN: 3/20/56
DIAMETER: .1965
TENSION: 11776 4300 AVG.

REMARKS:
[Signature]
PLANT INSPECTOR



2 Lock Joint @ Col-wch
2 1/2" roller
1 Kwell
1 Hesse
FILE PAGE OF

Project 2355

PROJECT: 6" Water Transmission Line

LOCATION: Colwich, Kansas

ENGINEER/ARCHITECT: Miller & Ventch

CONTRACTOR: Last Joint Pipe Co.

PLANT CHECK NO. 15

Wichita Chemical AND Laboratories

CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 901007

DATE April 3, 1956

BATCH PLANT Last Joint Pipe Co.

WEATHER Fair - Windy - Cool

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | | | | | | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|---|--------------------|-------------|---------------|-------------|---------------|------------|--------|----|----|----|----|----|----|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | | | |
| 3/29/56 | NO | - | NO | NO | 715-719 | NO | 675-677, 678-679, 680-681, 682-683, 684-685, 686-687, 688-689, 690-691, 692-693, 694-695, 696-697, 698-699, 700-701, 702-703, 704-705, 706-707, 708-709, 710-711, 712-713, 714-715, 716-717, 718-719, 720-721, 722-723, 724-725, 726-727, 728-729, 730-731, 732-733, 734-735, 736-737, 738-739, 740-741, 742-743, 744-745, 746-747, 748-749, 750-751, 752-753, 754-755, 756-757, 758-759, 760-761, 762-763, 764-765, 766-767, 768-769, 770-771, 772-773, 774-775, 776-777, 778-779, 780-781, 782-783, 784-785, 786-787, 788-789, 790-791, 792-793, 794-795, 796-797, 798-799, 800-801, 802-803, 804-805, 806-807, 808-809, 810-811, 812-813, 814-815, 816-817, 818-819, 820-821, 822-823, 824-825, 826-827, 828-829, 830-831, 832-833, 834-835, 836-837, 838-839, 840-841, 842-843, 844-845, 846-847, 848-849, 850-851, 852-853, 854-855, 856-857, 858-859, 860-861, 862-863, 864-865, 866-867, 868-869, 870-871, 872-873, 874-875, 876-877, 878-879, 880-881, 882-883, 884-885, 886-887, 888-889, 890-891, 892-893, 894-895, 896-897, 898-899, 900-901, 902-903, 904-905, 906-907, 908-909, 910-911, 912-913, 914-915, 916-917, 918-919, 920-921, 922-923, 924-925, 926-927, 928-929, 930-931, 932-933, 934-935, 936-937, 938-939, 940-941, 942-943, 944-945, 946-947, 948-949, 950-951, 952-953, 954-955, 956-957, 958-959, 960-961, 962-963, 964-965, 966-967, 968-969, 970-971, 972-973, 974-975, 976-977, 978-979, 980-981, 982-983, 984-985, 986-987, 988-989, 990-991, 992-993, 994-995, 996-997, 998-999, 1000-1001 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |
| 3/30/56 | 36 | A-17 | 17 | NO | 790-799 | NO | 506, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000 | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO | NO |

LINEAR FEET PIPE MADE THIS REPORT 16
TOTAL FEET TO DATE 115712 2700

THEORETICAL BATCH WEIGHTS (DRY) actual

TYPE AMOUNT

FINE AGG: Dolomite 4156

COARSE AGG: Rollins 3/4 4984
Loblith 2058

CEMENT: Water 7.07 Gal.

SPECIAL:

ADMIX:

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 3/20/56

HEAT NO.: 13-C-1A1-P.O.

WELD SAMPLES: IN 1, 2, 3, 4

REINFORCING MESH:

TAKEN: 3/20/56

DIAMETER: .107 2" x 2" x 12" strips

SQ. IN./LIN. FT.:

STRESS WIRE:

TAKEN: 3/20/56

DIAMETER: .1948

TENSION: 4100 to 6300 AVG.

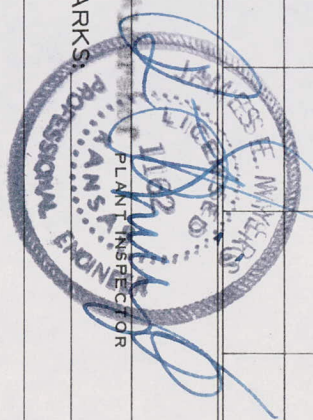
REMARKS:

CC: 2 Last Joint Pipe Co. Colwich

1 Miller

1 Boss

FILE PAGE OF



PROJECT: 2155-system in
for water transmission lines

LOCATION: Colwell, Kansas

ENGINEER/ARCHITECT: Mark A. Voth

CHEMICAL AND TESTING
Michita Laboratories

LAB. NO. 902251
(REFER TO THIS NUMBER)
DATE March 28, 1956

CONCRETE PIPE PLANT INSPECTION LOG

BATCH PLANT Look Joint Pipe Co.
WEATHER Cloudy Rain & Fair-81d

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | CORE OPERATIONS | PRE-STRESS OPERATIONS | COATING OPERATIONS | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|------------------------------------|-----------------|-----------------------|--------------------|----------------------------|-------------|--|-------------|--------------|
| | | | | | NO. STRESSED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION |
| 3/22/56 | (1) 224 | NO | NO | NO | 308, 310, 318, 319 | 38 | 232, 233, 235, 238, 241, 246, 247, 250, 158 | | |
| | Temper High 70° Low 30° | | | | 321, 323, 327, 322 | | 273, 275, 286, 292, 294, 296, 299, 301, 306, 307, 309, 315 | | |
| | Green Concrete 4 1/2% 50° Outside. | | | | 328-330, 361, 362, 366-368 | NO | 2 spot 314, 229 | | |
| 3/22/56 | 31 | NO | 555-594 | NO | 369, 371, 372 | | 253, 265, 288, 308, 311-312, 314-324, 339, 341, 342-360 | | |
| | Temper High 70° Low 38° | | | | | | | | |
| | Green Concrete 4 1/2% 50° Outside. | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT

TOTAL FEET TO DATE

THEORETICAL BATCH WEIGHTS (DRY)

TYPE AMOUNT

FINE AGG: Dolomitic 4156

COARSE AGG: Wellite 3/4" 4986

CEMENT: Wellite 2058

SPECIAL: Water 2.87 gal.

ADMIX:

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 3/22/56
HEAT NO.: 37825-P 0
WELD SAMPLES: NW, 1, 2, 3, 4

REINFORCING MESH:

TAKEN: 3/21/56
DIAMETER: .105
SQ. IN./LIN. FT.: 2"x2"x12" strip
STRESS WIRE:
TAKEN: 3/21/56
DIAMETER: .110 to .1300 avg.
TENSION

REMARKS:

[Signature]
PROFESSIONAL ENGINEER
JAMES E. MYER

2 Look Joint & Colwell

2 Wellite
1 Wellite
1 Wellite

PROJECT: 66" Water Transmission Line
LOCATION: Colvelah, Kansas
ENGINEER/ARCHITECT: Black & Veatch
CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 903161
(REFER TO THIS NUMBER)
DATE 3/10/56
BATCH PLANT Look Joint Pipe Co.
WEATHER Fair-114

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|---|------------|--|--------------------|---|--------------|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 3/5/56 | 35 | (5) | 40 | 36 | 135-170 | 40 | 6175, 6176, 6178, 6179, 6211, 6212, 6217 | 40 | 6165-6167, 6169-6201, 6203, 6204, 6207, 6208, 6251 | 35 | 6028, 6045-6059, 6071-6081, 6093, 6094, 6099, 6092 | | | | | | | |
| 3/6/56 | 39 | (1) | 40 | 38 | 208 | 40 | 6215, 6220, 6245, A-1, A3, A7, A8, A129-134 | 40 | 6165-6167, 6169-6201, 6203, 6204, 6207, 6208, 6251 | 24 | 6082, 6085-6087, 6089, 6100-6109, 6114, 6115, 6118, 6122, 6129, 6136-6139 | | | | | | | |
| 3/7/56 | 39 | (1) | 40 | 39 | 217 | 40 | 6245, A-1, A3, A7, A8, A129-134 | 40 | 6203, 6204, 6207, 6208, 6251 | 3 | 157, 158, 210 | | | | | | | |
| 3/8/56 | 39 | (1) | 40 | 39 | 217 | 40 | 6245, A-1, A3, A7, A8, A129-134 | 40 | 6203, 6204, 6207, 6208, 6251 | 3 | 5984, 6117-6119, 6139, 6124-6127, 6134, 6140-6140, 6152-6155, 6157 | | | | | | | |
| 3/9/56 | 39 | (1) | 40 | 39 | 217 | 40 | 6245, A-1, A3, A7, A8, A129-134 | 40 | 6203, 6204, 6207, 6208, 6251 | 1 | 6162, 6164, 6168 | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 107377

STEEL TEST DATA

TOTAL FEET TO DATE 107377

THEORETICAL BATCH WEIGHTS (DRY) TOTAL

TYPE AMOUNT

FINE AGG: 10100 4156

COARSE AGG: Meline 3/4 4950 4908

CEMENT: Consolidated Victor 2145 2058

SPECIAL: Water 490 487

ADMIX:

CYLINDER WELD SPECIMENS:

TAKEN: 3/8/56

HEAT NO.: 207737-0, 0

WELD SAMPLES: K11, 2, 3, 4

REINFORCING MESH:

TAKEN: 3/8/56

DIAMETER: 105

SQ. IN./LIN. FT.: 2"

STRESS WIRE:

TAKEN: 3/8/56

DIAMETER: .1945

TENSION: 1100 to 1300 LBS.

REMARKS: 1. One of the 6176-57 bars has been deleted from the old contract & has been assigned to the serial 1 & A129-134 in the contract extension. 7.3 psi mix used after 3/8/56 & will be used in the future.

2. Look Joint & Colvelah CG2 roller

3. Knoll

4. Rose

FILE 1

PAGE 1 OF 1

PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Muehr & Veitch
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 903060
(REFER TO THIS NUMBER)
DATE March 3, 1956
BATCH PLANT Lock Joint Pipe Co.
WEATHER Fair-11d

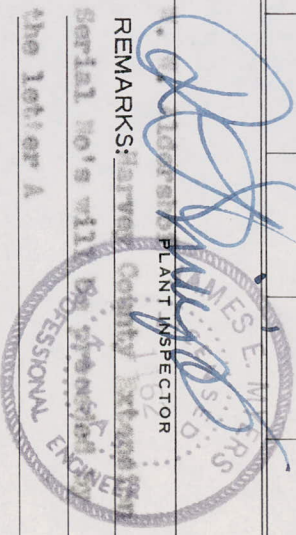
| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--|-------------------------|-------------------|----------------|-----------------|-------------|--------------|---|------------|---|--------------------|---|--------------|---|--------|---|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 2/27/56 | 33 | - | 33 | NO | 6219 | NO | 5970, 5971, 5977, 5978, 5980-601k, 6019 | NO | 5912, 5921, 5925, 5926, 5928, 5931, 5939, 5961, 5962, 5964, 5967, 5969 | NO | 5783, 5784, 5785, 5803, 5804, 5806, 5807, 5809-5812, 5814, 5816, 5818, 5820, 5821, 5825-5827, 5829, 5831, 5832, 5835, 5836, 5838, 5839, 5841-5849, 5852, 5855, 5856 | NO | 5757, 5783, 5784, 5786, 5787, 5790, 5794, 5796, 5797, 5799, 5837, 5850, 5851, 5853, 5854, 5857-5859, 5862-5879, 5885-5889 | | | | | |
| Temp: High 62° Low 22° Green Concrete: 67% 32" Outside. | | | | | | | | | | | | | | | | | | |
| 2/28/56 | 31 | - | 31 | 32 | 6251 | NO | 6015-6018, 6020-6051, 6057 | NO | 5960, 5963-5965, 5968, 5970-600k | NO | 5813, 5817, 5819, 5821, 5822, 5824, 5829, 5832, 5834, 5836-5838, 5890-5894, 5902, 5907, 5909, 5911, 5913-5919, 5923, 5924, 5950, 5961, 5966, 5967 | NO | 5778, 5840, 5902, 5904, 5906, 5909, 5910, 5912, 5920-5922, 5925-5949, 5951-5959, 5962, 5967 | NO | 5778, 5840, 5902, 5904, 5906, 5909, 5910, 5912, 5920-5922, 5925-5949, 5951-5959, 5962, 5967 | | | |
| Temp: High 73° Low 22° Green Concrete: 75% 15" Outside. | | | | | | | | | | | | | | | | | | |
| 3/1/56 | NO | 217 | NO | NO | 1928 | NO | 6082, 6085, 6086, 6087, 6088, 6089, 6090-6099 | NO | 6029, 6045-6047, 6049, 6050, 6051, 6052, 6053, 6054, 6055, 6056, 6057, 6058, 6059, 6060, 6061, 6062, 6063, 6064, 6065, 6066, 6067, 6068, 6069, 6070, 6071, 6072, 6073, 6074, 6075, 6076, 6077, 6078, 6079, 6080, 6081, 6082, 6083, 6084, 6085, 6086, 6087, 6088, 6089, 6090, 6091 | NO | 5778, 5840, 5902, 5904, 5906, 5909, 5910, 5912, 5920-5922, 5925-5949, 5951-5959, 5962, 5967 | NO | 5778, 5840, 5902, 5904, 5906, 5909, 5910, 5912, 5920-5922, 5925-5949, 5951-5959, 5962, 5967 | | | | | |
| Temp: High 73° Low 22° Green Concrete: 75% 15" Outside. | | | | | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT
TOTAL FEET TO DATE

THEORETICAL BATCH WEIGHTS (DRY) actual
FINE AGG: Dolose 1110
COARSE AGG: Rollins 3/4" 1950
CEMENT: Consolidated Victor 2145
SPECIAL: Water 7.90 Gal.
ADMIX:

STEEL TEST DATA
CYLINDER WELD SPECIMENS:
TAKEN: 2/29/56
HEAT NO.: 317189-P.O.
WELD SAMPLES: J1, 2, 3, 4
REINFORCING MESH:
TAKEN: 2/29/56
DIAMETER: .107
SQ. IN./LIN. FT.: 24x24x12" strip
STRESS WIRE:
TAKEN: 2/29/56
DIAMETER: .1948
TENSION: 1100 to 6300 Avg.

REMARKS: Serial no's will be stamped on the letter A
the letter A
2 Lock Joint & Colwich
1 Knoll
1 Hens
FILE PAGE 1 OF 2



PROJECT: 6" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Blair & Verbech
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Michita
Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 90260
(REFER TO THIS NUMBER)
DATE: March 3, 1956
BATCH PLANT: Lock Joint Pipe Co.
WEATHER: Partly-113d

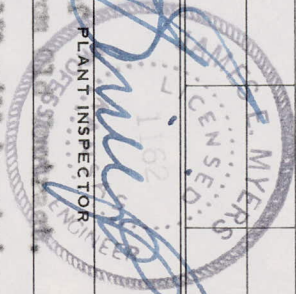
| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|---|------------|---|--------------------|--|--------------|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NOS. | REASON | | | | |
| 3/2/56 | NO | - | NO | NO | 994128 | NO | 6124-6127, 6140-6150, 6152-6174, 6177,6179 | NO | 6081-6089, 6092-6096, 6099-6116, 6118,6119, 6128,6129, 6136-6139 | NO | 5770,5960,5963-5965,5968,5970- | | | | | | | |
| | | | | | | | | | | 55 | 6005-6023,6025-6027,6029-6034,6038, 600-6070,6076,6090,6091,6092,6098 | | | | | | | |
| 3/3/56 | | | | | | | | | | 2 | epel | 195,196 | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 104917
TOTAL FEET TO DATE 104917

THEORETICAL BATCH WEIGHTS (DRY) / actual
FINE AGG: Dolom 1110
COARSE AGG: W.C. 3/8" 1290
CEMENT: Consolidated Water 2145
SPECIAL: Water 4.90 gal.
ADMIX:

| STEEL TEST DATA | |
|--|--|
| CYLINDER WELD SPECIMENS: | |
| TAKEN: <u>2/29/56</u> | |
| HEAT NO.: <u>217789-P.O.</u> | |
| WELD SAMPLES: <u>A11, 2, 3, 4</u> | |
| REINFORCING MESH: | |
| TAKEN: <u>2/29/56</u> | |
| DIAMETER: <u>1.17</u> | |
| SQ. IN./LIN. FT.: <u>2"x2"x12" steel</u> | |
| STRESS WIRE: | |
| TAKEN: <u>2/29/56</u> | |
| DIAMETER: <u>117 to 1368</u> | |
| TENSION: <u>1170 to 1300 avg.</u> | |

REMARKS: pipe no. 6151 will be shipped,
cylindestroked and repaired with
the same serial no.
2 Lock Joint a Colwich
CCP roller
1 Knoll
1 Hoop
1 FILE



PROJECT: 66" Water Transmission Lines
 LOCATION: Colwich, Kansas
 ENGINEER/ARCHITECT: Mark & Vatch
 CONTRACTOR: Look Joint Pipe Co.

Wichita Laboratories
 CHEMICAL AND TESTING
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 902315
 (REFER TO THIS NUMBER)
 DATE: February 28, 1956
 BATCH PLANT: Look Joint Pipe Co.
 WEATHER: Fair

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|--|--------------------|---|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 2/20/56 | 40 | - | 40 | 5900- | 6019 | 39 | 5757-5759, 5761, 5762, 5763, 5764, 5765, 5766, 5767, 5768, 5769, 5770, 5771, 5772, 5773, 5774, 5775, 5776, 5777, 5778, 5779, 5780 | 39 | 5723-5732, 5734, 5735, 5736, 5737, 5738, 5739, 5740, 5741, 5742, 5743, 5744, 5745, 5746, 5747, 5748, 5749, 5750, 5751, 5752, 5753, 5754, 5755, 5756, 5757, 5758, 5759, 5760, 5761, 5762, 5763, 5764, 5765, 5766, 5767, 5768, 5769, 5770, 5771, 5772, 5773, 5774, 5775, 5776, 5777, 5778, 5779, 5780 | 36 | 5599, 5601, 5602, 5610, 5617, 5619, 5624, 5625, 5630, 5636, 5644, 5650, 5655, 5657, 5667, 5698 | 175 | | |
| 2/21/56 | 40 | - | 40 | 6028- | 6059 | 39 | 5814, 5816, 5817, 5818, 5821, 5837, 5842, 5843, 5847, 5848, 5849, 5850, 5851, 5852, 5853, 5854, 5855, 5856, 5858, 5859, 5860, 5861, 5862, 5863, 5864, 5865, 5866, 5867, 5868, 5869, 5870, 5871, 5872, 5873, 5874, 5875, 5876, 5877, 5878, 5879, 5880 | 39 | 5762-5781 | 36 | 5591, 5591, 5618, 5640, 5621, 5631, 5633, 5658, 5665, 5667, 5673, 5674, 5685, 5697, 5699, 5703. | | | |
| 2/22/56 | 40 | - | 40 | 6060- | 6099 | 40 | 5837, 5837, 5838, 5839, 5840, 5841, 5842, 5843, 5844, 5845, 5846, 5847, 5848, 5849, 5850, 5851, 5852, 5853, 5854, 5855, 5856, 5857, 5858, 5859, 5860, 5861, 5862, 5863, 5864, 5865, 5866, 5867, 5868, 5869, 5870, 5871, 5872, 5873, 5874, 5875, 5876, 5877, 5878, 5879, 5880 | 39 | 5804, 5806, 5807, 5809, 5839, 5842, 5843, 5845, 5846, 5848, 5849, 5850, 5851, 5852, 5853, 5854, 5855, 5856, 5857, 5858, 5859, 5860, 5861, 5862, 5863, 5864, 5865, 5866, 5867, 5868, 5869, 5870, 5871, 5872, 5873, 5874, 5875, 5876, 5877, 5878, 5879, 5880 | 39 | 5645-5649, 5651, 5654, 5659, 5661-5664, 5676, 5677, 5687, 5688, 5704-5710, 5713, 5714-5718, 5721, 5722, 5733, 5736-5739, 176, 178 | | | |

LINEAR FEET PIPE MADE THIS REPORT 3209
 TOTAL FEET TO DATE 101610

THEORETICAL BATCH WEIGHTS (DRY) Actual

| TYPE | AMOUNT |
|---|------------------|
| FINE AGG: <u>Doloss</u> | <u>4110</u> |
| COARSE AGG: <u>Koline 3/4"</u> | <u>4950</u> |
| CEMENT: <u>Consolidated Victor 2145</u> | <u>2145</u> |
| SPECIAL: <u>Water</u> | <u>2.90 Gal.</u> |
| ADMIX: | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 2/22/56
 HEAT NO.: 37825-P.O.
 WELD SAMPLES: 1, 2, 3, 4

REINFORCING MESH:
 TAKEN: 2/22/56
 DIAMETER: .106
 SQ. IN./LIN. FT.: 2 1/2" x 12" strip

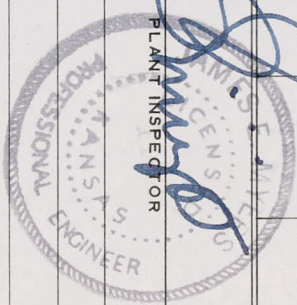
STRESS WIRE:
 TAKEN: 2/22/56
 DIAMETER: .1947
 TENSION: 4100 to 4300 AVG.

REMARKS: 2 Look Joint & Colwich

PLANT INSPECTOR: [Signature]

CC: 2 Colwich
1 Kroll
1 Hess
 FILE 1

PAGE 1 OF 2



PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Black & Veatch
CONTRACTOR: Lock Joint Pipe Co.

Wichita
CHEMICAL AND LABORATORIES
TESTING
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 902315
(REFER TO THIS NUMBER)
DATE February 28, 1956
BATCH PLANT Lock Joint Pipe Co.
WEATHER Fair

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|---------------------------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|--|--------------------|---|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 2/23/56 | 40 | - | 40 | 40 | 6100-6139 | 40 | 5981-5984, 5990-5994, 5937 | 40 | 5984, 5985, 5986, 5987, 5988, 5989, 5990-5994, 5927, 5929 | 37 | 5668-5672, 5675, 5678-5680, 5684, 5712, 5717-5720, 5715, 5729-5730, 5733, 5734-5739, 5748, 5751, 5753-5755, 5762-5764, 5772-5777, 5780 | | | |
| Temp: High 72° Low 32° | | | | | | | | | | | | | | |
| Green Concrete 60° @ 55° Outside | | | | | | | | | | | | | | |
| 2/24/56 | 28 | - | 40 | 40 | 6140-6179 | 40 | 5935, 5976, 5928-5949, 5972-5976, 5979 | 40 | 5935-5949, 5900-5911, 5913-5915, 5912-5914, 5927, 5929 | 31 | 5723, 5724, 5726-5728, 5731, 5732, 5734, 5735, 5758-5761, 5767-5769, 5771, 5779, 5781, 5785, 57589, 5791, 5792, 5794, 5798, 5800-5802, 5805, 5808 | | | |
| Temp: High 79° Low 34° Green Concrete | | | | | | | | | | | | | | |
| 75° @ 77° Outside | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3209
TOTAL FEET TO DATE 101610

THEORETICAL BATCH WEIGHTS (DRY) Actual

| TYPE | AMOUNT |
|-----------------------------|-----------|
| FINE AGG: Tolona | 4310 |
| COARSE AGG: Moline 3/4" | 4950 |
| CEMENT: Consolidated Victor | 2145 |
| SPECIAL: Water | 7.90 gal. |
| ADMIX: | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
TAKEN: 2/22/56
HEAT NO.: 37825 P.O.
WELD SAMPLES: II 1, 2, 3, 4

REINFORCING MESH:
TAKEN: 2/22/56
DIAMETER: .106
SQ. IN./LIN. FT.: 25x25x12" strip

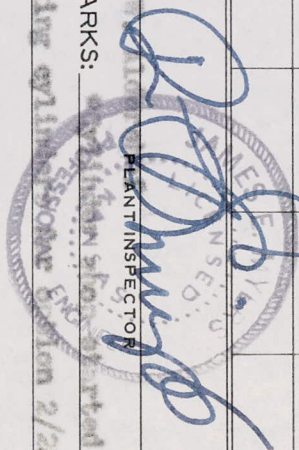
STRESS WIRE:
TAKEN: 2/22/56
DIAMETER: .1947
TENSION: 4100 to 4300 AVG.

REMARKS: making cylinders for test on 2/24/56

PLANT INSPECTOR: *[Signature]*

CC: 2 Lock Joint @ Colwich
1 Keller
1 Knoll
1 Hess

FILE 1 PAGE 2 OF 2



PROJECT: 60" Water Transmission Lines
 LOCATION: Coltich, Kansas
 ENGINEER/ARCHITECT: Blake & Veach
 CONTRACTOR: Loak Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 902229
 (REFER TO THIS NUMBER)
 DATE February 21, 1956
 BATCH PLANT Loak Joint Pipe Co
 WEATHER Cloudy-Cool

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | | | | | | | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|--|--------------------|---|---------------|-------------|---------------|------------|--------|--|--|--|--|--|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | | | | |
| 2/16/56 | NO | - | NO | NO | 5980- | 39 | 5676, 5677, 5680, 5682, 5687, 5731, 5732, 5733, 5742 | NO | 5655-5667, 5671, 5672, 5681, 5682, 5683, 5674, 5675, 5676, 5677, 5678, 5679, 5680, 5681, 5682, 5683, 5684, 5685, 5686, 5687, 5688, 5689, 5690, 5691, 5692, 5693, 5694, 5695, 5696, 5697, 5698, 5699, 5700, 5701, 5702, 5703, 5704, 5705, 5706, 5707, 5708, 5709, 5710, 5711, 5712, 5713, 5714, 5715, 5716, 5717, 5718, 5719, 5720, 5721, 5722, 5723, 5724, 5725, 5726, 5727, 5728, 5729, 5730, 5731, 5732, 5733, 5734, 5735, 5736, 5737, 5738, 5739, 5740, 5741, 5742, 5743, 5744, 5745, 5746, 5747, 5748, 5749, 5750, 5751, 5752, 5753, 5754, 5755, 5756, 5757, 5758, 5759, 5760, 5761, 5762, 5763, 5764, 5765, 5766, 5767, 5768, 5769, 5770, 5771, 5772, 5773, 5774, 5775, 5776, 5777, 5778, 5779, 5780, 5781, 5782, 5783, 5784, 5785, 5786, 5787, 5788, 5789, 5790, 5791, 5792, 5793, 5794, 5795, 5796, 5797, 5798, 5799, 5800, 5801, 5802, 5803, 5804, 5805, 5806, 5807, 5808, 5809, 5810, 5811, 5812, 5813, 5814, 5815, 5816, 5817, 5818, 5819, 5820, 5821, 5822, 5823, 5824, 5825, 5826, 5827, 5828, 5829, 5830, 5831, 5832, 5833, 5834, 5835, 5836, 5837, 5838, 5839, 5840, 5841, 5842, 5843, 5844, 5845, 5846, 5847, 5848, 5849, 5850, 5851, 5852, 5853, 5854, 5855, 5856, 5857, 5858, 5859, 5860, 5861, 5862, 5863, 5864, 5865, 5866, 5867, 5868, 5869, 5870, 5871, 5872, 5873, 5874, 5875, 5876, 5877, 5878, 5879, 5880, 5881, 5882, 5883, 5884, 5885, 5886, 5887, 5888, 5889, 5890, 5891, 5892, 5893, 5894, 5895, 5896, 5897, 5898, 5899, 5900, 5901, 5902, 5903, 5904, 5905, 5906, 5907, 5908, 5909, 5910, 5911, 5912, 5913, 5914, 5915, 5916, 5917, 5918, 5919, 5920, 5921, 5922, 5923, 5924, 5925, 5926, 5927, 5928, 5929, 5930, 5931, 5932, 5933, 5934, 5935, 5936, 5937, 5938, 5939, 5940, 5941, 5942, 5943, 5944, 5945, 5946, 5947, 5948, 5949, 5950, 5951, 5952, 5953, 5954, 5955, 5956, 5957, 5958, 5959, 5960, 5961, 5962, 5963, 5964, 5965, 5966, 5967, 5968, 5969, 5970, 5971, 5972, 5973, 5974, 5975, 5976, 5977, 5978, 5979, 5980, 5981, 5982, 5983, 5984, 5985, 5986, 5987, 5988, 5989, 5990, 5991, 5992, 5993, 5994, 5995, 5996, 5997, 5998, 5999, 6000 | | | | | | | | | | | | |
| 2/17/56 | NO | - | NO | NO | 5980-5979 | 39 | 5728, 5730, 5732, 5733, 5736, 5760, 5762, 5763 | NO | 5669-5672, 5675-5680, 5784, 5785, 5786, 5787, 5788, 5789, 5790, 5791, 5792, 5793, 5794, 5795, 5796, 5797, 5798, 5799, 5800, 5801, 5802, 5803, 5804, 5805, 5806, 5807, 5808, 5809, 5810, 5811, 5812, 5813, 5814, 5815, 5816, 5817, 5818, 5819, 5820, 5821, 5822, 5823, 5824, 5825, 5826, 5827, 5828, 5829, 5830, 5831, 5832, 5833, 5834, 5835, 5836, 5837, 5838, 5839, 5840, 5841, 5842, 5843, 5844, 5845, 5846, 5847, 5848, 5849, 5850, 5851, 5852, 5853, 5854, 5855, 5856, 5857, 5858, 5859, 5860, 5861, 5862, 5863, 5864, 5865, 5866, 5867, 5868, 5869, 5870, 5871, 5872, 5873, 5874, 5875, 5876, 5877, 5878, 5879, 5880, 5881, 5882, 5883, 5884, 5885, 5886, 5887, 5888, 5889, 5890, 5891, 5892, 5893, 5894, 5895, 5896, 5897, 5898, 5899, 5900, 5901, 5902, 5903, 5904, 5905, 5906, 5907, 5908, 5909, 5910, 5911, 5912, 5913, 5914, 5915, 5916, 5917, 5918, 5919, 5920, 5921, 5922, 5923, 5924, 5925, 5926, 5927, 5928, 5929, 5930, 5931, 5932, 5933, 5934, 5935, 5936, 5937, 5938, 5939, 5940, 5941, 5942, 5943, 5944, 5945, 5946, 5947, 5948, 5949, 5950, 5951, 5952, 5953, 5954, 5955, 5956, 5957, 5958, 5959, 5960, 5961, 5962, 5963, 5964, 5965, 5966, 5967, 5968, 5969, 5970, 5971, 5972, 5973, 5974, 5975, 5976, 5977, 5978, 5979, 5980, 5981, 5982, 5983, 5984, 5985, 5986, 5987, 5988, 5989, 5990, 5991, 5992, 5993, 5994, 5995, 5996, 5997, 5998, 5999, 6000 | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2200
 TOTAL FEET TO DATE 98801
 THEORETICAL BATCH WEIGHTS (DRY) Actual
 TYPE _____ AMOUNT _____
 FINE AGG: Malone M110
 COARSE AGG: Holine 3/4" Agg
 CEMENT: Consolidated Victor 2145
 SPECIAL: Victor 7 90
 ADMIX: _____

STEEL TEST DATA
 CYLINDER WELD SPECIMENS:
 TAKEN: 2/16/56
 HEAT NO.: 397737 P.O.
 WELD SAMPLES: HW 1, 2, 3, 4
 REINFORCING MESH:
 TAKEN: 2/16/56
 DIAMETER: .107
 SQ. IN./LIN. FT.: 2#x2#x12" std
 STRESS WIRE:
 TAKEN: 2/16/56
 DIAMETER: .1916
 TENSION: 4100 to 4300 lbs.

REMARKS: W. W. Aldershot
 PLANT INSPECTOR
 JAMES E. MYLE
 LICENSED
 1162
 PROFESSIONAL ENGINEER
 CC: 2 Loak Joint
 1 Keller
 1 Kroll
 1 Neer
 FILE _____ PAGE _____ OF _____

PROJECT: 66" Water Transmission Line
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Black & Veatch
CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Michita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 902156
(REFER TO THIS NUMBER)
DATE: February 15, 1956
BATCH PLANT: Look Joint Pipe Co.
WEATHER: Snow-Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | | | | | | | | | | | | | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|------------|-----------------|--------------------|--|--------------|--|--------|--|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NOS. | REASON | | | | | | | | | | | | | | | | | |
| 2/9/56 | 39 | 212 | NO | 39 | 5702-5704 | 45 | 5296-5298 | NO | 5205, 5206-5209 | 50 | 5203, 5204, 5205, 5206, 5207, 5208, 5209 | 206 | 5206, 5207, 5208, 5209, 5210, 5211, 5212, 5213, 5214, 5215, 5216, 5217, 5218, 5219, 5220, 5221, 5222, 5223, 5224, 5225, 5226, 5227, 5228, 5229, 5230, 5231, 5232, 5233, 5234, 5235, 5236, 5237, 5238, 5239, 5240, 5241, 5242, 5243, 5244, 5245, 5246, 5247, 5248, 5249, 5250, 5251, 5252, 5253, 5254, 5255, 5256, 5257, 5258, 5259, 5260, 5261, 5262, 5263, 5264, 5265, 5266, 5267, 5268, 5269, 5270, 5271, 5272, 5273, 5274, 5275, 5276, 5277, 5278, 5279, 5280, 5281, 5282, 5283, 5284, 5285, 5286, 5287, 5288, 5289, 5290, 5291, 5292, 5293, 5294, 5295, 5296, 5297, 5298, 5299, 5300, 5301, 5302, 5303, 5304, 5305, 5306, 5307, 5308, 5309, 5310, 5311, 5312, 5313, 5314, 5315, 5316, 5317, 5318, 5319, 5320, 5321, 5322, 5323, 5324, 5325, 5326, 5327, 5328, 5329, 5330, 5331, 5332, 5333, 5334, 5335, 5336, 5337, 5338, 5339, 5340, 5341, 5342, 5343, 5344, 5345, 5346, 5347, 5348, 5349, 5350, 5351, 5352, 5353, 5354, 5355, 5356, 5357, 5358, 5359, 5360, 5361, 5362, 5363, 5364, 5365, 5366, 5367, 5368, 5369, 5370, 5371, 5372, 5373, 5374, 5375, 5376, 5377, 5378, 5379, 5380, 5381, 5382, 5383, 5384, 5385, 5386, 5387, 5388, 5389, 5390, 5391, 5392, 5393, 5394, 5395, 5396, 5397, 5398, 5399, 5400, 5401, 5402, 5403, 5404, 5405, 5406, 5407, 5408, 5409, 5410, 5411, 5412, 5413, 5414, 5415, 5416, 5417, 5418, 5419, 5420, 5421, 5422, 5423, 5424, 5425, 5426, 5427, 5428, 5429, 5430, 5431, 5432, 5433, 5434, 5435, 5436, 5437, 5438, 5439, 5440, 5441, 5442, 5443, 5444, 5445, 5446, 5447, 5448, 5449, 5450, 5451, 5452, 5453, 5454, 5455, 5456, 5457, 5458, 5459, 5460, 5461, 5462, 5463, 5464, 5465, 5466, 5467, 5468, 5469, 5470, 5471, 5472, 5473, 5474, 5475, 5476, 5477, 5478, 5479, 5480, 5481, 5482, 5483, 5484, 5485, 5486, 5487, 5488, 5489, 5490, 5491, 5492, 5493, 5494, 5495, 5496, 5497, 5498, 5499, 5500, 5501, 5502, 5503, 5504, 5505, 5506, 5507, 5508, 5509, 5510, 5511, 5512, 5513, 5514, 5515, 5516, 5517, 5518, 5519, 5520, 5521, 5522, 5523, 5524, 5525, 5526, 5527, 5528, 5529, 5530, 5531, 5532, 5533, 5534, 5535, 5536, 5537, 5538, 5539, 5540, 5541, 5542, 5543, 5544, 5545, 5546, 5547, 5548, 5549, 5550, 5551, 5552, 5553, 5554, 5555, 5556, 5557, 5558, 5559, 5560, 5561, 5562, 5563, 5564, 5565, 5566, 5567, 5568, 5569, 5570, 5571, 5572, 5573, 5574, 5575, 5576, 5577, 5578, 5579, 5580, 5581, 5582, 5583, 5584, 5585, 5586, 5587, 5588, 5589, 5590, 5591, 5592, 5593, 5594, 5595, 5596, 5597, 5598, 5599, 5600, 5601, 5602, 5603, 5604, 5605, 5606, 5607, 5608, 5609, 5610, 5611, 5612, 5613, 5614, 5615, 5616, 5617, 5618, 5619, 5620, 5621, 5622, 5623, 5624, 5625, 5626, 5627, 5628, 5629, 5630, 5631, 5632, 5633, 5634, 5635, 5636, 5637, 5638, 5639, 5640, 5641, 5642, 5643, 5644, 5645, 5646, 5647, 5648, 5649, 5650, 5651, 5652, 5653, 5654, 5655, 5656, 5657, 5658, 5659, 5660, 5661, 5662, 5663, 5664, 5665, 5666, 5667, 5668, 5669, 5670, 5671, 5672, 5673, 5674, 5675, 5676, 5677, 5678, 5679, 5680, 5681, 5682, 5683, 5684, 5685, 5686, 5687, 5688, 5689, 5690, 5691, 5692, 5693, 5694, 5695, 5696, 5697, 5698, 5699, 5700, 5701, 5702, 5703, 5704, 5705, 5706, 5707, 5708, 5709, 5710, 5711, 5712, 5713, 5714, 5715, 5716, 5717, 5718, 5719, 5720, 5721, 5722, 5723, 5724, 5725, 5726, 5727, 5728, 5729, 5730, 5731, 5732, 5733, 5734, 5735, 5736, 5737, 5738, 5739, 5740, 5741, 5742, 5743, 5744, 5745, 5746, 5747, 5748, 5749, 5750, 5751, 5752, 5753, 5754, 5755, 5756, 5757, 5758, 5759, 5760, 5761, 5762, 5763, 5764, 5765, 5766, 5767, 5768, 5769, 5770, 5771, 5772, 5773, 5774, 5775, 5776, 5777, 5778, 5779, 5780, 5781, 5782, 5783, 5784, 5785, 5786, 5787, 5788, 5789, 5790, 5791, 5792, 5793, 5794, 5795, 5796, 5797, 5798, 5799, 5800, 5801, 5802, 5803, 5804, 5805, 5806, 5807, 5808, 5809, 5810, 5811, 5812, 5813, 5814, 5815, 5816, 5817, 5818, 5819, 5820, 5821, 5822, 5823, 5824, 5825, 5826, 5827, 5828, 5829, 5830, 5831, 5832, 5833, 5834, 5835, 5836, 5837, 5838, 5839, 5840, 5841, 5842, 5843, 5844, 5845, 5846, 5847, 5848, 5849, 5850, 5851, 5852, 5853, 5854, 5855, 5856, 5857, 5858, 5859, 5860, 5861, 5862, 5863, 5864, 5865, 5866, 5867, 5868, 5869, 5870, 5871, 5872, 5873, 5874, 5875, 5876, 5877, 5878, 5879, 5880, 5881, 5882, 5883, 5884, 5885, 5886, 5887, 5888, 5889, 5890, 5891, 5892, 5893, 5894, 5895, 5896, 5897, 5898, 5899, 5900, 5901, 5902, 5903, 5904, 5905, 5906, 5907, 5908, 5909, 5910, 5911, 5912, 5913, 5914, 5915, 5916, 5917, 5918, 5919, 5920, 5921, 5922, 5923, 5924, 5925, 5926, 5927, 5928, 5929, 5930, 5931, 5932, 5933, 5934, 5935, 5936, 5937, 5938, 5939, 5940, 5941, 5942, 5943, 5944, 5945, 5946, 5947, 5948, 5949, 5950, 5951, 5952, 5953, 5954, 5955, 5956, 5957, 5958, 5959, 5960, 5961, 5962, 5963, 5964, 5965, 5966, 5967, 5968, 5969, 5970, 5971, 5972, 5973, 5974, 5975, 5976, 5977, 5978, 5979, 5980, 5981, 5982, 5983, 5984, 5985, 5986, 5987, 5988, 5989, 5990, 5991, 5992, 5993, 5994, 5995, 5996, 5997, 5998, 5999, 6000 | | | | | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2800
TOTAL FEET TO DATE 95201

THEORETICAL BATCH WEIGHTS (DRY) Actual
FINE AGG: Dolene 1110 AMOUNT
COARSE AGG: Rollino 2 1/4 1950
CEMENT: Consolidated Victor 2145
SPECIAL: Water 7.90 gal.
ADMIX:

STEEL TEST DATA
CYLINDER WELD SPECIMENS:
TAKEN: 2/9/56
HEAT NO.: 217788-20
WELD SAMPLES: 001, 2, 3, 4
REINFORCING MESH:
TAKEN: 2/8/56
DIAMETER: .106
SQ. IN./LIN. FT.: 2.82 x 12.28
STRESS WIRE:
TAKEN: 2/8/56
DIAMETER: .1968
TENSION: 1100 to 4300 Avg.

REMARKS:
2/7/56 had two longitudinal welds on each side at the widest point. After pre-stressing respectively at the same points. The pipe will be hydrostatically tested. 1/2" of 100 mesh will be hydrostatically tested. 1/2" of 100 mesh will be hydrostatically tested. 1/2" of 100 mesh will be hydrostatically tested.
CC: 2 Heller
1 Knoll
1 Hensel
W. W. Laboratory PLANT INSPECTOR
FILE PAGE 2 OF 2

PROJECT: 65" Water Transmission Lines
 LOCATION: Colwich, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Michita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 902067
 (REFER TO THIS NUMBER)
 DATE 2/14/55
 BATCH PLANT Look Joint Pipe Co.
 WEATHER Cold, Snow

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|---|-----------------------------|-------------------|----------------|-----------------|----------------|-----------------------|---|--------------------|---|---------------|--|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 1/30 | 33 | -- | 33 | 20 | 5506-- 5525 | 21 | 5294, 5295, 5297-5306, 5328- 5336 | 20 | 5267-- 5268 | 7 | 5102, 5103, 5110-5112, 5114, 5127 | 0 | 0 | |
| Temp: High 30° Low 10° Green Concrete 78 @ 20' Outside | | | | | | | 5057, 5317- 5327, 5377- 5346, 5376, 5378-5383, 5385, 5336 | NO | 5237, 5232-5235, 5257-5266, 45 5287-5291, 5295, 5297-5306, 5328-5333, 5335, 5336 | 45 | 5091, 5093, 5097, 5099-5101, 5105-5117, 5113-5115, 5128, 5131, 0 5132, 5134-5136, 5151, 5152, 5154, 5160- 5171, 5192, 5195-5204, 5206 | 0 | 0 | |
| 1/31 | 30 | -- | 30 | 39 | 5564-- | NO | 5346, 5376, 5378-5383, 5385, 5336 | NO | 5257-5266, 45 5287-5291, 5295, 5297-5306, 5328-5333, 5335, 5336 | NO | 5137, 5142, 5147, 5138, 5172, 5188, 5207, 5209 5096, 5133-5141, 5143-5146, 5149, 5150, 5155, 5156 | 0 | 0 | |
| Temp: High 39° Low 20° Green Concrete 78 @ 22' Outside. | | | | | | | 5307-5312, 5324-5327, 5329, 5377-5346, 5376, 5378-5383, 5385 | NO | 5307-5312, 5324-5327, 5329, 5377-5346, 5376, 5378-5383, 5385 | 0 | 5153, 5173-5197, 5191, 5204, 5210, 5211, 5222, 5223, 5224, 5225, 5226, 5228, 5230, 5239, 5241, 5242, 5243, 5244, 5245, 5246, 5247, 5249-5276 | 0 | 0 | |
| 2/1 | 31 | 207, 208 | 31 | 20 | 5594-- | 0 | 5190, 5293, 5296, 5347- 5357, 5359, 5360, 5365, 5367, 5370, 5372-5375, 5384, 5400-5420, 5424, 5426 | NO | 5307-5312, 5324-5327, 5329, 5377-5346, 5376, 5378-5383, 5385 | 10 | 5137, 5142, 5147, 5138, 5172, 5188, 5207, 5209 5096, 5133-5141, 5143-5146, 5149, 5150, 5155, 5156 | 0 | 0 | |
| Temp: High 40° Low 28° Green Concrete 60 @ 30' Outside | | | | | | | 5190, 5293, 5296, 5347- 5357, 5359, 5360, 5365, 5367, 5370, 5372-5375, 5384, 5400-5420, 5424, 5426 | NO | 5307-5312, 5324-5327, 5329, 5377-5346, 5376, 5378-5383, 5385 | 10 | 5137, 5142, 5147, 5138, 5172, 5188, 5207, 5209 5096, 5133-5141, 5143-5146, 5149, 5150, 5155, 5156 | 0 | 0 | |
| 2/3 | 28 | -- | 28 | 20 | 5385-5604 | NO | 5190, 5293, 5296, 5347- 5357, 5359, 5360, 5365, 5367, 5370, 5372-5375, 5384, 5400-5420, 5424, 5426 | NO | 5307-5312, 5324-5327, 5329, 5377-5346, 5376, 5378-5383, 5385 | 10 | 5137, 5142, 5147, 5138, 5172, 5188, 5207, 5209 5096, 5133-5141, 5143-5146, 5149, 5150, 5155, 5156 | 0 | 0 | |
| Temp: High 30° Low 28° Green Concrete 60 @ 30' Outside | | | | | | | 5190, 5293, 5296, 5347- 5357, 5359, 5360, 5365, 5367, 5370, 5372-5375, 5384, 5400-5420, 5424, 5426 | NO | 5307-5312, 5324-5327, 5329, 5377-5346, 5376, 5378-5383, 5385 | 10 | 5137, 5142, 5147, 5138, 5172, 5188, 5207, 5209 5096, 5133-5141, 5143-5146, 5149, 5150, 5155, 5156 | 0 | 0 | |
| 2/4 | Saturday-Son-Production Day | | | | | | 5190, 5293, 5296, 5347- 5357, 5359, 5360, 5365, 5367, 5370, 5372-5375, 5384, 5400-5420, 5424, 5426 | NO | 5307-5312, 5324-5327, 5329, 5377-5346, 5376, 5378-5383, 5385 | 10 | 5137, 5142, 5147, 5138, 5172, 5188, 5207, 5209 5096, 5133-5141, 5143-5146, 5149, 5150, 5155, 5156 | 0 | 0 | |

LINEAR FEET PIPE MADE THIS REPORT 1611
 TOTAL FEET TO DATE 92221

THEORETICAL BATCH WEIGHTS (DRY) Actual

| TYPE | AMOUNT |
|----------------------------------|----------|
| FINE AGG: Dolene | 4110 |
| COARSE AGG: Moline 3/4" | 4950 |
| CEMENT: Consolidated Victor 2145 | |
| SPECIAL: Water | 790 gal. |
| ADMIX: | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 2/1/56
 HEAT NO.: 71471238-P.O.
 WELD SAMPLES: P11, P12, P13, P14

REINFORCING MESH:
 TAKEN: 2/1/56
 DIAMETER: .106
 SQ. IN./LIN. FT.: 2462 1/2" strip

STRESS WIRE:
 TAKEN: 2/3/56
 DIAMETER: .1948
 TENSION: 4100 to 4300 LBS.

W.W. Aldershot
 W.W. Aldershot PLANT INSPECTOR

REMARKS: * Pipe Core # 5294 was dropped after prestressing & damaged by bond repair. A new core of the same serial no. was poured 1/31/56
 2 Look Joint @ Colwich
 CC: Miller
 1 K oil
 1 Hesse
 FILE 1 PAGE 1 OF 1

Project 2155

PLANT CHECK NO. 36

PROJECT: 66" Water Transmission Lines
LOCATION: Colatch, Kansas
ENGINEER/ARCHITECT: Pratt & Victor

CHEMICAL AND TESTING
Wichita Laboratories

LAB. NO. 90295
(REFER TO THIS NUMBER)
DATE January 30, 1956

CONTRACTOR Leak Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

BATCH PLANT Leak Joint Pipe Co.
WEATHER snow, rain, fog, cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|----------------------------|-------------|--------------|----------------------------|------------|-------------|--------------------|--|--------------|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 1/21/56 | 11 | - | 11 | No Production - snow | 5367-5405 | NO | 5175-5179, 5191-5211, 5233 | 5090, 5132 | 5133, 5172 | 13 | 5052, 5055, 5058, 5059, 5061, 5066, 5068-5072, 5078-5079, 5085, 5087, 5090, 5092, 5096, 5129 | 0 | 0 | | | | | |
| 1/23/56 | 11 | - | 11 | No Production - snow, cold | 5367-5405 | NO | 5175-5179, 5191-5211, 5233 | 5090, 5132 | 5133, 5172 | 10 | 5053, 5056, 5060, 5063, 5064, 5073, 5077, 5079, 5081, 5086 | 0 | 0 | | | | | |
| 1/24/56 | 11 | - | 11 | No Production - snow | 5367-5405 | NO | 5175-5179, 5191-5211, 5233 | 5090, 5132 | 5133, 5172 | 14 | 5056, 5072, 5078, 5080, 5082-5085, 5087-5090, 5092, 5096, 5129 | 0 | 0 | | | | | |
| 1/25/56 | 33 | - | 33 | 1 Repair | 5367-5405 | NO | 5175-5179, 5191-5211, 5233 | 5090, 5132 | 5133, 5172 | 15 | 5096, 5095, 5104, 5108, 5109, 5117, 5119-5126, 5130 | 0 | 0 | | | | | |
| 1/26/56 | NO | - | NO | NO | 5367-5405 | NO | 5175-5179, 5191-5211, 5233 | 5090, 5132 | 5133, 5172 | 0 | 0 | 0 | 0 | | | | | |
| 1/27/56 | NO | - | NO | NO | 5367-5405 | NO | 5175-5179, 5191-5211, 5233 | 5090, 5132 | 5133, 5172 | 0 | 0 | 0 | 0 | | | | | |
| 1/28/56 | 0 | 0 | 0 | 20 | 5367-5405 | 0 | 5175-5179, 5191-5211, 5233 | 5090, 5132 | 5133, 5172 | 0 | 0 | 0 | 0 | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2216
TOTAL FEET TO DATE 90710

| | THEORETICAL | BATCH WEIGHTS (DRY) | ACTUAL |
|-------------|--------------------------|---------------------|--------|
| FINE AGG: | Dolase | 4110 | |
| COARSE AGG: | Moline 3/4" | 4950 | |
| CEMENT: | Consolidated Victor 2145 | | |
| SPECIAL: | Water | 7.90 Gal. | |
| ADMIX: | | | |

| STEEL TEST DATA | |
|--------------------------|-------------------------|
| CYLINDER WELD SPECIMENS: | TAKEN: _____ |
| HEAT NO.: | _____ |
| WELD SAMPLES: | _____ |
| REINFORCING MESH: | TAKEN: <u>1/26/56</u> |
| DIAMETER: | <u>107</u> |
| STRESS WIRE: | _____ |
| DIAMETER: | <u>1/26/56</u> |
| TENSION: | <u>4100 to 4300 476</u> |

REMARKS: 4 pipes checked 1/21/56 was taken at 179ft to laying pipe 335ft was damaged beyond repair & a new pipe of the same No. was poured 1/25/56.

[Signature]
PLANT INSPECTOR

CC: 1 No. 11
1 No. 9

FILE 1 PAGE 1 OF 1

PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Blodgett & Vothch
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 901222
(REFER TO THIS NUMBER)
DATE 1/21/56
BATCH PLANT Lock Joint Pipe Co.
WEATHER Snow - Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|--|------------|-------------|--------------------|---|--------------|---|--------|---------------|---|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | |
| 1/16/56 | 11 | - | 11 | 0 | 0 | 10 | 5052-5059, 5061, 5064, 0 | 0 | 0 | 16 | 1 spec. | 183 | 1855, 1894, 1901, 1902, 1904, 1906, 1922, 1924, 1928, 1930, 0 | 0 | 0 | 0 | |
| 1/17/56 | 22 | - | 22 | 0 | 0 | 0 | 5010, 5012-5019, 5051 | 40 | 5019, 5051 | 20 | 1894, 1895, 1897, 1898, 1903, 1904, 1935, 1937, 1941, 1943, 1946, 1959, 1965, 1966, 1968-1971 | 0 | 0 | 0 | 0 | 0 | |
| 1/18/56 | 40 | - | 40 | 40 | 5247-5248 | 30 | 5060, 5062, 5063, 5065, 5068, 5091, 5096 | 0 | - | 25 | 1916, 1918, 1917, 1918-1919, 1958, 1960-1962, 1967. | 0 | 0 | 0 | 0 | 0 | |
| 1/19/56 | 40 | 39° Low | 30° Green | 40 | 5287-5336 | 40 | 5090, 5092-5131 | 40 | 5097-5137 | 2 spec. | 1969, 1972-5009, 5011 | 0 | 0 | 0 | 0 | 0 | |
| 1/20/56 | 40 | - | 40 | 40 | 5327-5366 | 40 | 5132-5171 | 40 | 5097-5137 | 41 | 5010, 5012-5019, 5051 | 0 | 0 | 0 | 0 | 0 | |

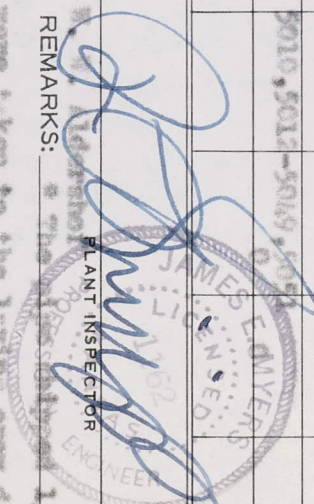
LINEAR FEET PIPE MADE THIS REPORT 1920
TOTAL FEET TO DATE 8844

THEORETICAL BATCH WEIGHTS (DRY) Actual

FINE AGG: A110 Dolene
 COARSE AGG: 4950 Kelline 3A
 CEMENT: 2145 Consolidated Victor
 SPECIAL: 6 90 Gal. Water
 ADMIX:

STEEL TEST DATA
 CYLINDER WELD SPECIMENS:
 TAKEN: 1/10/56
 HEAT NO.: 811, 802, 803, 794
 WELD SAMPLES: 747, 748 - 2.0.
 REINFORCING MESH:
 TAKEN: 1/18/56
 DIAMETER: .105
 SQ. IN./LIN. FT.: 2.25
 STRESS WIRE:
 TAKEN: 1/18/56
 DIAMETER: .1948
 TENSION: 1100 to 1300 Avg.

REMARKS: *James E. Myers*
 PLANT INSPECTOR
 were taken to the laying crew direct.
 Sample checked in batch plant 1/18/56.
 2 Lock Joint Colwich
 2 Kellier
 CG: Kroll
 1 Reson
 FILE 1 PAGE 1 OF 1



Project 2155

PLANT CHECK NO. 24

PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas

LAB. NO. 901197
(REFER TO THIS NUMBER)
DATE January 16, 1956

ENGINEER/ARCHITECT Mark A. Vavich
CONTRACTOR Lock Jo nt Pipe Co.

WEATHER pipe - cold

CONCRETE PIPE PLANT INSPECTION LOG

BATCH PLANT Lock Joint Pipe Co.
REJECTED PIPE

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|-------------|--------------------|--|---------------|---|---------------|---|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 1/9/56 | NO | - | NO | NO | 5017-5026 | 39 | 4855-4893 | 39 | 4875, 4871, 4876-4878, 4820-4850, 4852, 4874 | 30 | 4701-4711, 4716-4722, 4725, 4726 | 0 | 4692, 4693, 4676, 4678-4683, 4697, 4701-4711, 4716-4722, 4725, 4726 | |
| Temp: High 56° Low 17° Green Concrete 62° @ 29' Outside. | | | | | | | | | | | | | | |
| 1/10/56 | NO | - | NO | NO | 5087-5126 | 39 | 4874-4932 | 39 | 4851, 4852, 4856, 4893 | 32 | 4729, 4728, 4751, 4762-4768, 4770, 4772, 4775, 4778, 4780 | 0 | 4699, 4712-4715, 4723, 4727, 4730, 4733-4739, 4742, 4751, 4762-4768, 4770, 4772, 4775, 4778, 4780 | |
| Temp: High 62° Low 19° Green Concrete 70° @ 20' Outside. | | | | | | | | | | | | | | |
| 1/11/56 | NO | - | NO | NO | 5127-5166 | 39 | 4933-4973 | 39 | 4855, 4894-4932 | 39 | 4771, 4772, 4800-4805, 4810 | 0 | 4696, 4709, 4716, 4717, 4718, 4752-4761, 4769, 4771, 4772 | |
| Temp: High 61° Low 13° Green Concrete 70° @ 29' Outside. | | | | | | | | | | | | | | |
| 1/12/56 | NO | - | NO | NO | 5167-5206 | 1 spec | 4974-5013 | 1 spec | 4928, 4933-4937, 4949 | 5 | 4686, 4773, 4776, 4777, 4782-4785, 4787-4791, 4794-4796 | 0 | 4709, 4809-4812, 4815, 4817, 4819, 4825, 4828, 4830, 4832, 4833, 4834 | |
| Temp: High 60° Low 16° Green Concrete 71° @ 20' Outside. | | | | | | | | | | | | | | |
| 1/13/56 | NO | - | NO | NO | 5207-5246 | NO | 5014-5053 | NO | 4948, 4972-4984, 5011 | 6 | 4616, 4618, 4620-4623, 4627, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669, 4670, 4671, 4672, 4673, 4674, 4675, 4676, 4677, 4678, 4679, 4680, 4681, 4682, 4683, 4684, 4685, 4686, 4687, 4688, 4689, 4690, 4691, 4692, 4693, 4694, 4695, 4696, 4697, 4698, 4699, 4700, 4701, 4702, 4703, 4704, 4705, 4706, 4707, 4708, 4709, 4710, 4711, 4712, 4713, 4714, 4715, 4716, 4717, 4718, 4719, 4720, 4721, 4722, 4723, 4724, 4725, 4726, 4727, 4728, 4729, 4730, 4731, 4732, 4733, 4734, 4735, 4736, 4737, 4738, 4739, 4740, 4741, 4742, 4743, 4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4756, 4757, 4758, 4759, 4760, 4761, 4762, 4763, 4764, 4765, 4766, 4767, 4768, 4769, 4770, 4771, 4772, 4773, 4774, 4775, 4776, 4777, 4778, 4779, 4780, 4781, 4782, 4783, 4784, 4785, 4786, 4787, 4788, 4789, 4790, 4791, 4792, 4793, 4794, 4795, 4796, 4797, 4798, 4799, 4800, 4801, 4802, 4803, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4814, 4815, 4816, 4817, 4818, 4819, 4820, 4821, 4822, 4823, 4824, 4825, 4826, 4827, 4828, 4829, 4830, 4831, 4832, 4833, 4834, 4835, 4836, 4837, 4838, 4839, 4840, 4841, 4842, 4843, 4844, 4845, 4846, 4847, 4848, 4849, 4850, 4851, 4852, 4853, 4854, 4855, 4856, 4857, 4858, 4859, 4860, 4861, 4862, 4863, 4864, 4865, 4866, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4877, 4878, 4879, 4880, 4881, 4882, 4883, 4884, 4885, 4886, 4887, 4888, 4889, 4890, 4891, 4892, 4893, 4894, 4895, 4896, 4897, 4898, 4899, 4900, 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910, 4911, 4912, 4913, 4914, 4915, 4916, 4917, 4918, 4919, 4920, 4921, 4922, 4923, 4924, 4925, 4926, 4927, 4928, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4938, 4939, 4940, 4941, 4942, 4943, 4944, 4945, 4946, 4947, 4948, 4949, 4950, 4951, 4952, 4953, 4954, 4955, 4956, 4957, 4958, 4959, 4960, 4961, 4962, 4963, 4964, 4965, 4966, 4967, 4968, 4969, 4970, 4971, 4972, 4973, 4974, 4975, 4976, 4977, 4978, 4979, 4980, 4981, 4982, 4983, 4984, 4985, 4986, 4987, 4988, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000 | | | |
| Temp: High 50° Low 12° Green Concrete 70° @ 20' Outside. | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3200
TOTAL FEET TO DATE 8651 1/2

THEORETICAL BATCH WEIGHTS (DRY) per ft. LIN

| TYPE | AMOUNT |
|----------------------------|-----------|
| FINE AGG: Dolom | 1320 |
| COARSE AGG: Rollins 3/4" | 1950 |
| CEMENT: Consolidated Water | 2165 |
| SPECIAL: Water | 2 90 gal. |
| ADMIX: None | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
TAKEN: 1/19/56
HEAT NO.: S20712 2.0
WELD SAMPLES: 1001, 1002, 1003, 1004

REINFORCING MESH:
TAKEN: 1/11/56
DIAMETER: 105
SQ. IN./LIN. FT.: 25x25x12" Strip

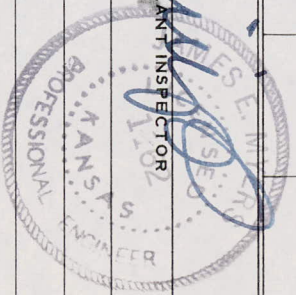
STRESS WIRE:
TAKEN: 1/11/56
DIAMETER: 1945
TENSION: 1320 to 1350 lbs.

REMARKS:

PLANT INSPECTOR

CC: 2 Rollor
1 Knoll
1 Hess

FILE 1 PAGE 1 OF 1



Project 2155
66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Made E. Veach
CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 901001
(REFER TO THIS NUMBER)
DATE February 4, 1956
BATCH PLANT Look Joint Pipe Co.
WEATHER Fair - Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|-------------------------|------------------------------|-------------------|----------------|-----------------|-------------|--------------|--|------------|---|--------------------|---|--------------|---|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 12/26/55 | Non Production Day - Holiday | (1) | | | | | | | | | | | | | | | | |
| 12/27/55 | | (1) | NO | 39 | 4694-4732 | 36 | 4247, 4509-4542, 4552 | 39 | 4446, 4448, 4450, 4451, 4453-4454, 4470, 4471, 4486, 4488-4497, 4499-4508 | 36 | 4255, 4315-4317, 4319, 4320, 4322, 4324, 4330, 4333 | 0 | 4341, 4352, 4355, 4357-4360, 4363-4368, 4371, 4372, 4376, 4378, 4379, 4381, 4382, 4389-4392 | | | | | |
| 12/28/55 | | (1) | NO | 39 | 4733-4771 | 36 | 4541-4551, 4554-4570, 4581, 4583, 4586 | 36 | 4247, 4488, 4490-4512, 4552, 4553, 4581, 4582, 4432, 4435, 4444 | 36 | 4314, 4324, 4336, 4361, 4362, 4380, 4383-4387, 4390-4406 | 0 | 4412, 4420, 4432, 4435, 4444 | | | | | |
| 12/29/55 | | (1) | NO | 39 | 4772-4810 | 36 | 4591, 4594, 4595, 4597-4620, 4623 | 36 | 4543-4551, 4554-4579, 4581, 4583, 4586 | 36 | 4171, 4182, 4203, 4407, 4409, 4413-4417, 4419, 4422, 4424-4427, 4433, 4434, 4445, 4447, 4448, 4452, 4455-4469, 4471, 4472, 4476-4478, 4479-4484 | | | | | | | |
| Temp: High 26° Low: 22° | Green Concrete | 70° | 2 spool | 201 | 191, 193 | 2 spool | 191, 193 | 2 spool | 191, 193 | | | | | | | | | |

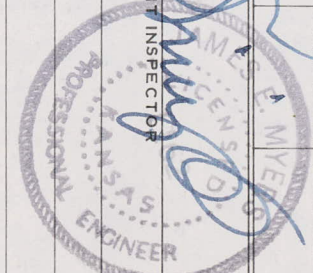
LINEAR FEET PIPE MADE THIS REPORT 2560
TOTAL FEET TO DATE 8014

THEORETICAL BATCH WEIGHTS (DRY) per gal
TYPE AMOUNT
FINE AGG: Dolane sand 4210
COARSE AGG: Moline 3/4" 4950
CEMENT: Consolidated Viatex 2145
SPECIAL: Water 4 90 gal.
ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
TAKEN: 12/28/55
HEAT NO.: 817025-2.0.
WELD SAMPLES: M1, M2, M3, M4
REINFORCING MESH:
TAKEN: 12/28/55
DIAMETER: .107
SQ. IN./LIN. FT.: 26x2" x 12" Strip
STRESS WIRE:
TAKEN: 12/28/55
DIAMETER: .1946
TENSION 4100 to 4300 Avg.

REMARKS:
W. J. [Signature] PLANT INSPECTOR



CC: 2 Look Joint - Col-1ch
1 Teller
1 Knoll
1 Hess
FILE 1 PAGE 1 OF 2

PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Mack & Yeatch
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 901001
DATE: January 4, 1956
BATCH PLANT: Lock Joint Pipe Co.
WEATHER: Fair-Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|---|-------------------------|-------------------|----------------|-----------------|-------------|--------------|--|------------|------------------------------------|--------------------|--|--------------------|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 12/30/55 | 39 | (1) | 40 | 39 | 4049 | 38 | 4651, 4622, 4624, 4655, 4657, 4659, 4664 | 38 | 4580, 4582, 4584, 4585, 4587, 4620 | 35 | 4570, 4571, 4572, 4573, 4574, 4575, 4576, 4577, 4578, 4579, 4580, 4581, 4582, 4583, 4584 | | | | | | | |
| Temper 11/16" Low 16" Green Concrete 73° Dry Outside. | | | | | | | | | | | | | | | | | | |
| 12/31/55 | Non-Production Day | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 4 | 4 | 113, 163, 164, 166 | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2560
TOTAL FEET TO DATE 80144

THEORETICAL BATCH WEIGHTS (DRY) Actual

FINE AGG: DeLone Sand AMT 1110 AMOUNT

COARSE AGG: Wotling 3/4" 4750

CEMENT: Consolidated Victor 2145

SPECIAL: Water 790 Gal.

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
TAKEN: 12/30/55
HEAT NO.: 617025-2, 3, 4
WELD SAMPLES: 301, 302, 303, 304

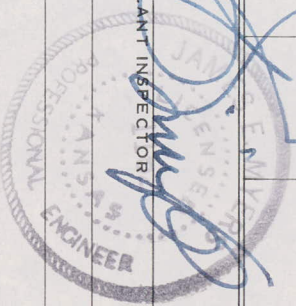
REINFORCING MESH:
TAKEN: 12/28/55
DIAMETER: .107
SQ. IN./LIN. FT.: 2.50 x 12" St
STRESS WIRE: 12/28/55
DIAMETER: .1946
TENSION: 1100 to 1300 Avg.

REMARKS: *[Signature]*

W. J. [Signature] PLANT INSPECTOR

CC: 2 Lock Joint @ Colwich
1 Kroll
1 Mess

FILE 1 PAGE 2 OF 2



| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|---------------|--------------|-----------------------------|------------|--|--------------------|--|--------------|---------------|--------|---|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 12/19 | 38 | (2) 191,193 | 40 | 38 | 4504- 4561 | 45 | 4314- 4357, 4362 | 39 | 4275-4279, 4281-4313 | 34 | 4128-4129, 4131, 4152, 4138, 4139, 4116, 4147, 4159, 4161, 4166, 4168-4170, 4172, 4173, 4175-4180, 4183, 4184, 4187, 4190, 4191, 4193, 4194, 4195. | | | | | | | |
| 12/20 | 38 | (2) 194,195 | 40 | 37 | 4542- 4578 | 44 | 4358-4361, 4363-4397, 40 | 40 | 4351, 4353 | 41 | 4275, 4185, 4196, 4198, 4188, 4189, 4192, 4197, 4199, 4201, 0 | 0 | 0 | 0 | 0 | | | |
| 12/21 | 38 | (2) 196,197 | 40 | 38 | 4579-4616 | 44 | 4425, 4447, 4425, 4447 | 39 | 4379, 4381, 4382, 4388- 4397 | 40 | 4047, 4167, 4196, 4230, 4234, 4238-4243, 4215, 4246, 4248-4254, 4256-4274. | 0 | 0 | 0 | 0 | | | |
| 12/22 | 39 | (1) 198 | 40 | 38 | 4617- 4654 | 43 | 4446, 4448, 4449 | 39 | 4380, 4383- 4387, 4398- 4406, 4412- 4416, 4427-4445 | 40 | 4198, 4244, 4275-4279, 4281-4299, 4301- 4310, 4312 0 4313, 4328, 4340 | 0 | 0 | 0 | 0 | | | |

LINEAR FEET PIPE MADE THIS REPORT 2200

TOTAL FEET TO DATE 87254

THEORETICAL BATCH WEIGHTS (DRY) Actual

TYPE AMOUNT

FINE AGG: Dolose 4110

COARSE AGG: Koline 3/4" 4950

CEMENT: Monarch & Consolidated 2145

SPECIAL: Water 7 90 Gal

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 12/22/55

HEAT NO.: 579512-P.O.

WELD SAMPLES: A41, A42, A43, A44

REINFORCING MESH:

TAKEN: 12/21/55

DIAMETER: 107 2"x2"x12" stir

SQ. IN./LIN. FT.: 24

STRESS WIRE:

TAKEN: 12/22/55

DIAMETER: .1948

TENSION: 4100 to 4300 AVG.

REMARKS: Consolidated V. H. ...

Consolidated V. H. ...

2lock joint @ Colwich

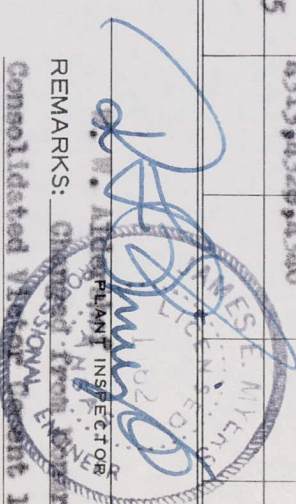
2 roller

1 Knoll

1 Rees

FILE 1

PAGE 1 OF 2



PROJECT: 66" Water Transmission Lines

LOCATION: Colwich, Kansas

ENGINEER/ARCHITECT: Black & Veatch

CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING

Wichita Laboratories

TESTING

CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 012206
(REFER TO THIS NUMBER)
DATE 12/24/55
BATCH PLANT Lock Joint Pipe Co.
WEATHER

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|------------|---|--------------------|--|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 12/23 | 39 | (1) 199 | 10 | 39 | 4655-4693 | 19 | 4508 | 38 | 4407-4411, 4417-4426, 4447, 4449, 4452, 4465-4469, 4471, 4472, 4477, 4485, 4487, 4492, 4498 | 38 | 4329, 4331, 4332, 4339, 4370, 4377, 4388, 4393, 4397 | 0 | 0 | 0 | 0 | |
| Temperature: High 65° Low 27° Green Concrete: 7 1/2" @ 39" Outside 12/24 Non-Production Day | | | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3200
TOTAL FEET TO DATE 7758 1/2

THEORETICAL BATCH WEIGHTS (DRY) Actual

TYPE AMOUNT

FINE AGG: Dolase 4110

COARSE AGG: Kolime 3/4" 4950

CEMENT: Wmarrch & Consolidated 2145

SPECIAL: Water 7 90 0.1

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 12/22/55

HEAT NO.: 57942-P.O.

WELD SAMPLES: A11, A12, A13, A14

REINFORCING MESH:

TAKEN: 12/21/55

DIAMETER: .107

SQ. IN./LIN. FT.: 2 1/2" x 12" Strip

STRESS WIRE:

TAKEN: 12/22/55

DIAMETER: .1948

TENSION: 4100 to 4300 Avg.

REMARKS: changed person working to Consolidated Victor Cement 12/23/55

W. W. Alderson, Plant Inspector

JAMES F. MYERS, LICENSED ENGINEER

CC: 2 Lock Joint @ Colwich
2 Weller
1 Kroll
1 Hess

FILE 1

PAGE 2 OF 2



PLANT CHECK NO. 29

Project 2155
66" Water Transmission Lines

CHEMICAL AND TESTING

Wichita Laboratories

LAB. NO. 812151
(REFER TO THIS NUMBER)

DATE December 13, 1955

LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT Black & Veatch

BATCH PLANT Lock Joint Pipe Co

CONTRACTOR Lock Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

WEATHER Fair - Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--|-------------------------|--------------------|----------------|-----------------|-------------------|-----------------------|-------------------------------------|--------------------|---|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 12/5/55 | 40 | - | 40 | 20 | 4115-4134 | 39 | 3829, 2923-3925, 2928-3862, 138 | 38 | 3872, 3874-3879, 3881, 3885-3887, 3892, 3898-3922, 3927 | 35 | 3726, 3731-3733, 3746, 3747, 3753, 3756-3760, 3762-3770, 3773, 3777, 3779, 3780, 3801, 3802, 3804-3810, 3813, 3814, 3817 | 0 | 0 | |
| Daily Temps: High 38°, Low 15°, Green Concrete | | | | | 76° @ 28° Outside | | | | 139, 170 | 36 | 3520, 3617, 3660, 3761, 3768, 3772, 3775, 3778, 3781-3785, 3800, 3803, 3811-3812, 3840, 3787, 3791-3800, 3803, 3811-3812, 3840, 3842, 3843, 3848, 3849, 3856, 3857, 3859, 3860. | | | |
| 12/6/55 | 0 | 0 | 0 | 39 | 4135-4173 | 40 | 3888, 3963-3997, 4008-4010, 4012 | 39 | 3829, 3923-3926, 3928-3946, 3948, 3962 | 36 | 3776, 3786, 3788, 3790, 3815, 3816, 3818, 3819, 3822-3819, 3822-3827, 3830, 3831, 3834-3836, 3841, 3844-3847, 3852, 3853, 3855, 3861, 3862, 3864-3867, 3869-3871, 3873. | | | |
| Daily Temps: High 51°, Low 23°, Green Concrete | | | | | 69° @ 35° Outside | | | | 3998- | 38 | 3400, 3402, 3821, 3837-3839, 3850-3851, 3854, 3858 | | | |
| 12/7/55 | 36 | 180, 181, 183, 184 | 40 | 36 | 4174-4209 | 40 | 4007, 4013, 4038, 4040-4042, 1 spcl | 39 | 3926, 3946, 3948-3962, 138 | 39 | 3400, 3402, 3821, 3837-3839, 3850-3851, 3854, 3858 | | | |
| Daily Temps: High 63°, Low 22°, Green Concrete | | | | | 72° @ 35° Outside | | | | 3998- | 39 | | | | |
| 12/8/55 | 40 | - | 40 | 40 | 4210-4249 | 38 | 4039, 4043, 4063, 4079, 4085 | 40 | 4007, 4011, 4013, 4013-4038, 4040-4042 | 39 | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3200
TOTAL FEET TO DATE 71184

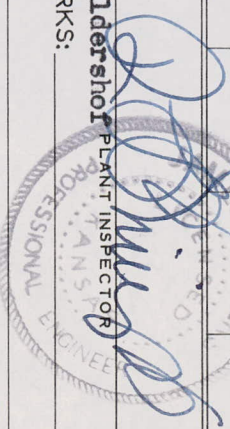
THEORETICAL BATCH WEIGHTS (DRY) Actual
3 yard batch

| | TYPE | AMOUNT |
|-------------|-------------|----------|
| FINE AGG: | Dolose | 4110 |
| COARSE AGG: | Moline 3/4" | 4950 |
| CEMENT: | Monarch | 2145 |
| SPECIAL: | Water | 790 Gal. |
| ADMIX: | None | |

STEEL TEST DATA

| CYLINDER WELD SPECIMENS: | |
|--------------------------|-------------------|
| TAKEN: | 12/9/55 |
| HEAT NO.: | 637158 P.O. |
| WELD SAMPLES: | Y1, Y2, Y3, Y4. |
| REINFORCING MESH: | |
| TAKEN: | 12/7/55 |
| DIAMETER: | .105 |
| SQ. IN./LIN. FT.: | 21x21x12" strip |
| STRESS WIRE: | |
| TAKEN: | 12/7/55 |
| DIAMETER: | .1948 |
| TENSION | 4100 to 4300 avg. |

W.W. Aldershot PLANT INSPECTOR



REMARKS:
Lock Joint @ Colwich
2 Weller
1 Knoll
1 Hess
FILE 1 PAGE 1 OF 2

Notes

± 80 GRT.

1100 to 1300 S.A.G.
1978
12/1/78

I
I
S

Water
Monsieur
Mojine 3/78
Dejeas

1978
12/1/78

I
I
S
Water
Monsieur
Mojine 3/78
Dejeas

3 long patch

1118M

1978
12/1/78

1118M

1118M

12/1/78 NO - NO NO 1118M 38

12/1/78 High 80% Low 20 Green Concrete 1118M 38

12/1/78 30 1118M 38

12/1/78 High 80% Low 20 Green Concrete 1118M 38

12/1/78 0 0 0 1118M 38

12/1/78 High 80% Low 20 Green Concrete 1118M 38

12/1/78 40 - NO 30 1118M 38

12/1/78 0 0 0 1118M 38

12/1/78 0 0 0 1118M 38

Leak Joint Pipe Co.

Black & Veatch

Johnson, Kansas

1984 Water Transmission Lines

1118M

Leak Joint Pipe Co.

December 19, 1982

1118M

Project 2155

PLANT CHECK NO. 29

PROJECT: 66" Water Transmission Lines

CHEMICAL AND TESTING

Michita Laboratories

LAB. NO. 812151

(REFER TO THIS NUMBER)

DATE December 13, 1955

LOCATION: Colwich, Kansas

TESTING

BATCH PLANT Look Joint Pipe Co

ENGINEER/ARCHITECT Blak & Veatch

CONCRETE PIPE PLANT INSPECTION LOG

WEATHER Fair - Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | | | |
|--------------------|-------------------------|-------------------|------------------|-----------------|--------------|--------------|-------------------------|-------------------|---------------|--------------------|---|--------------|---------------|--------|--|---------------|--|--|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | | | |
| 12/8/55 | | | | | | 38 Cont'd. | 173, 178 | | | 39 | 3874-3878, 3880, 3882, 3883, 3889, 3893, 3895, 3899-3903, 3906-3917, | | | | | | | | | |
| (cont'd.) | Temps: High 33° Low 20° | Green Concrete | 78° @ 24 outside | 2 spcls | 4080- | 4039, 4043- | 4080- | 4084, 4086- | 38 4079, 4085 | 41 | 3521, 3820, 3828, 3833, 3863, 3882, 3874, | | | | | | | | | |
| 12/9/55 | 39 | 185 | 40 | 40 | 4289- | | 4114, 4117, 4118, 4125, | 2 spc: 1173, 1178 | | | 3879, 3881, 3885-0 | | | | | | | | | |
| | | | | | | | 4126, 4130 | | | | 3879, 3890-3892, 3894, 3896-3898, 3904, 3905, 3918-3923, 3926, 3929, 3931, 3938, | | | | | | | | | |
| | | | | | | | 1 spcl. | | | | 3942, 3943, 3946, 3950, 3953, 3954, 3958, 3959, 3972. | | | | | | | | | |
| Daily Temps: | High 33° Low 28° | Green Concrete | 65° @ 29° | 3 spcls | 98, 124, 161 | | | | | | 3829, 3924, 3925, 3928, 3930, 3932-3937, 3940, 3944, 3945, 3948, 3949, 3951, 3952, 3955, 3960-3962, 3970, 3983, 3985, 3989, | | | | | | | | | |
| | | | | | | | | | | | 3991, 3992, 3995, 3997, 4008-4010, 4012 | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3200

TOTAL FEET TO DATE 71184

THEORETICAL BATCH WEIGHTS (DRY) Actual

3 yard batch

TYPE AMOUNT

FINE AGG: Dolase 4110

COARSE AGG: Moline 4950

CEMENT: Monarch 2145

SPECIAL: Water 7 90 Gal.

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 12/9/55

HEAT NO.: 637158 P.O.

WELD SAMPLES: Y1, Y2, Y3, Y4

REINFORCING MESH:

TAKEN: 12/7/55

DIAMETER: .105

SQ. IN./LIN. FT.: 2" x 2" x 12" strip

STRESS WIRE:

TAKEN: 12/7/55

DIAMETER: .1948

TENSION: 4100 to 4300 avg.

REMARKS: Pipe No. 3917 has a longitudinal crack approx. 18 in. long at the spigot end. After prestressing the crack measures .0054 at the widest point. 4201, 4244 has a very minor crack but will be processed in the usual manner.

2 Lock joint @ Colwich

cc: Welder

1 Knoll

1 Hess

FILE 1

PAGE 2 OF 2



W.W. Aldershot PLANT INSPECTOR

PROJECT: 662 Water Transmission Lines
LOCATION: Colishah, Kansas
ENGINEER/ARCHITECT: Block & Ventch
CONTRACTOR: Look Joint Pipe Co.

Wichita
AND
Laboratories
CHEMICAL AND TESTING
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 012064
(REFER TO THIS NUMBER)
DATE 12/5/55
BATCH PLANT Look Joint Pipe Co.
WEATHER

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|---|--------------|-----------------------|------------|-------------|--------------------|-------------|--------------|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 12/1/55 | 39 | 172 | (1) | 39 | 4075-4076-4077-4078-4079-4080-4081-4082-4083-4084-4085-4086-4087-4088-4089-4090-4091-4092-4093-4094-4095-4096-4097-4098-4099-4100-4101-4102-4103-4104-4105-4106-4107-4108-4109-4110-4111-4112-4113-4114-4115-4116-4117-4118-4119-4120-4121-4122-4123-4124-4125-4126-4127-4128-4129-4130-4131-4132-4133-4134-4135-4136-4137-4138-4139-4140-4141-4142-4143-4144-4145-4146-4147-4148-4149-4150-4151-4152-4153-4154-4155-4156-4157-4158-4159-4160-4161-4162-4163-4164-4165-4166-4167-4168-4169-4170-4171-4172-4173-4174-4175-4176-4177-4178-4179-4180-4181-4182-4183-4184-4185-4186-4187-4188-4189-4190-4191-4192-4193-4194-4195-4196-4197-4198-4199-4200-4201-4202-4203-4204-4205-4206-4207-4208-4209-4210-4211-4212-4213-4214-4215-4216-4217-4218-4219-4220-4221-4222-4223-4224-4225-4226-4227-4228-4229-4230-4231-4232-4233-4234-4235-4236-4237-4238-4239-4240-4241-4242-4243-4244-4245-4246-4247-4248-4249-4250-4251-4252-4253-4254-4255-4256-4257-4258-4259-4260-4261-4262-4263-4264-4265-4266-4267-4268-4269-4270-4271-4272-4273-4274-4275-4276-4277-4278-4279-4280-4281-4282-4283-4284-4285-4286-4287-4288-4289-4290-4291-4292-4293-4294-4295-4296-4297-4298-4299-4300-4301-4302-4303-4304-4305-4306-4307-4308-4309-4310-4311-4312-4313-4314-4315-4316-4317-4318-4319-4320-4321-4322-4323-4324-4325-4326-4327-4328-4329-4330-4331-4332-4333-4334-4335-4336-4337-4338-4339-4340-4341-4342-4343-4344-4345-4346-4347-4348-4349-4350-4351-4352-4353-4354-4355-4356-4357-4358-4359-4360-4361-4362-4363-4364-4365-4366-4367-4368-4369-4370-4371-4372-4373-4374-4375-4376-4377-4378-4379-4380-4381-4382-4383-4384-4385-4386-4387-4388-4389-4390-4391-4392-4393-4394-4395-4396-4397-4398-4399-4400-4401-4402-4403-4404-4405-4406-4407-4408-4409-4410-4411-4412-4413-4414-4415-4416-4417-4418-4419-4420-4421-4422-4423-4424-4425-4426-4427-4428-4429-4430-4431-4432-4433-4434-4435-4436-4437-4438-4439-4440-4441-4442-4443-4444-4445-4446-4447-4448-4449-4450-4451-4452-4453-4454-4455-4456-4457-4458-4459-4460-4461-4462-4463-4464-4465-4466-4467-4468-4469-4470-4471-4472-4473-4474-4475-4476-4477-4478-4479-4480-4481-4482-4483-4484-4485-4486-4487-4488-4489-4490-4491-4492-4493-4494-4495-4496-4497-4498-4499-4500-4501-4502-4503-4504-4505-4506-4507-4508-4509-4510-4511-4512-4513-4514-4515-4516-4517-4518-4519-4520-4521-4522-4523-4524-4525-4526-4527-4528-4529-4530-4531-4532-4533-4534-4535-4536-4537-4538-4539-4540-4541-4542-4543-4544-4545-4546-4547-4548-4549-4550-4551-4552-4553-4554-4555-4556-4557-4558-4559-4560-4561-4562-4563-4564-4565-4566-4567-4568-4569-4570-4571-4572-4573-4574-4575-4576-4577-4578-4579-4580-4581-4582-4583-4584-4585-4586-4587-4588-4589-4590-4591-4592-4593-4594-4595-4596-4597-4598-4599-4600-4601-4602-4603-4604-4605-4606-4607-4608-4609-4610-4611-4612-4613-4614-4615-4616-4617-4618-4619-4620-4621-4622-4623-4624-4625-4626-4627-4628-4629-4630-4631-4632-4633-4634-4635-4636-4637-4638-4639-4640-4641-4642-4643-4644-4645-4646-4647-4648-4649-4650-4651-4652-4653-4654-4655-4656-4657-4658-4659-4660-4661-4662-4663-4664-4665-4666-4667-4668-4669-4670-4671-4672-4673-4674-4675-4676-4677-4678-4679-4680-4681-4682-4683-4684-4685-4686-4687-4688-4689-4690-4691-4692-4693-4694-4695-4696-4697-4698-4699-4700-4701-4702-4703-4704-4705-4706-4707-4708-4709-4710-4711-4712-4713-4714-4715-4716-4717-4718-4719-4720-4721-4722-4723-4724-4725-4726-4727-4728-4729-4730-4731-4732-4733-4734-4735-4736-4737-4738-4739-4740-4741-4742-4743-4744-4745-4746-4747-4748-4749-4750-4751-4752-4753-4754-4755-4756-4757-4758-4759-4760-4761-4762-4763-4764-4765-4766-4767-4768-4769-4770-4771-4772-4773-4774-4775-4776-4777-4778-4779-4780-4781-4782-4783-4784-4785-4786-4787-4788-4789-4790-4791-4792-4793-4794-4795-4796-4797-4798-4799-4800-4801-4802-4803-4804-4805-4806-4807-4808-4809-4810-4811-4812-4813-4814-4815-4816-4817-4818-4819-4820-4821-4822-4823-4824-4825-4826-4827-4828-4829-4830-4831-4832-4833-4834-4835-4836-4837-4838-4839-4840-4841-4842-4843-4844-4845-4846-4847-4848-4849-4850-4851-4852-4853-4854-4855-4856-4857-4858-4859-4860-4861-4862-4863-4864-4865-4866-4867-4868-4869-4870-4871-4872-4873-4874-4875-4876-4877-4878-4879-4880-4881-4882-4883-4884-4885-4886-4887-4888-4889-4890-4891-4892-4893-4894-4895-4896-4897-4898-4899-4900-4901-4902-4903-4904-4905-4906-4907-4908-4909-4910-4911-4912-4913-4914-4915-4916-4917-4918-4919-4920-4921-4922-4923-4924-4925-4926-4927-4928-4929-4930-4931-4932-4933-4934-4935-4936-4937-4938-4939-4940-4941-4942-4943-4944-4945-4946-4947-4948-4949-4950-4951-4952-4953-4954-4955-4956-4957-4958-4959-4960-4961-4962-4963-4964-4965-4966-4967-4968-4969-4970-4971-4972-4973-4974-4975-4976-4977-4978-4979-4980-4981-4982-4983-4984-4985-4986-4987-4988-4989-4990-4991-4992-4993-4994-4995-4996-4997-4998-4999-5000 | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2460

TOTAL FEET TO DATE 67924

THEORETICAL BATCH WEIGHTS (DRY) actual

TYPE AMOUNT

FINE AGG: Dolomite 4110

COARSE AGG: Wellona 3/4" 40750

CEMENT: Monarch 2165

SPECIAL: Water 4.90 Gal.

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 12-1-55

HEAT NO.: 72-2-561-2

WELD SAMPLES: Y1, Y2, Y3, Y4

REINFORCING MESH:

TAKEN: 11/29/55

DIAMETER: 106

SQ. IN./LIN. FT.: 2"x2"x12" #10

STRESS WIRE:

TAKEN: 11/30/55

DIAMETER: .196

TENSION: 2400 to 4200 lbs.

REMARKS:

PLANT INSPECTOR

Always specify lot #11 be processed

In this report number 3968, 3950, 3956, 3955, 3957, 3961, 3992, check supplemental records only

2 Look Joint & Colishah

2 Keller

1 Knoll

1 Brown

CC:

FILE

PAGE 2 OF 2

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|--|--------------------|---|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 11-21-55 | 39 | (1) 139 | 40 | 40 | 3840-3879 | 39 | 3806-3807, 3811-3813, 3816-3817, 3826-3827, 3829-3831, 3833-3834, 3836-3837, 3840-3841, 3843-3844, 3846-3847, 3849-3850, 3852-3853, 3855-3856, 3858-3859, 3861-3862, 3864-3865, 3867-3868, 3870-3871, 3873-3874, 3876-3877, 3879-3880, 3882-3883, 3885-3886, 3888-3889, 3891-3892, 3894-3895, 3897-3898, 3899-3900, 3902-3903, 3905-3906, 3908-3909, 3911-3912, 3914-3915, 3917-3918, 3919-3920, 3922-3923, 3925-3926, 3928-3929, 3931-3932, 3934-3935, 3937-3938, 3940-3941, 3943-3944, 3946-3947, 3949-3950, 3952-3953, 3955-3956, 3958-3959, 3961-3962, 3964-3965, 3967-3968, 3970-3971, 3973-3974, 3976-3977, 3979-3980, 3982-3983, 3985-3986, 3988-3989, 3991-3992, 3994-3995, 3997-3998, 3999-4000 | 40 | 3806-3807, 3811-3813, 3816-3817, 3826-3827, 3829-3831, 3833-3834, 3836-3837, 3840-3841, 3843-3844, 3846-3847, 3849-3850, 3852-3853, 3855-3856, 3858-3859, 3861-3862, 3864-3865, 3867-3868, 3870-3871, 3873-3874, 3876-3877, 3879-3880, 3882-3883, 3885-3886, 3888-3889, 3891-3892, 3894-3895, 3897-3898, 3899-4000 | 47 | 3822-3801, 3852-3850, 3854-3858, 3863-3866, 3878-3879, 3880-3881, 3884-3885, 3887-3888, 3890-3891, 3893-3894, 3896-3897, 3899-3900, 3901-3902, 3904-3905, 3907-3908, 3909-3910, 3912-3913, 3915-3916, 3918-3919, 3921-3922, 3924-3925, 3927-3928, 3929-3930, 3932-3933, 3935-3936, 3938-3939, 3941-3942, 3945-3948, 3951-3954, 3957-3960, 3963-3966, 3969-3972, 3975-3978, 3981-3984, 3987-3990, 3993-3996, 3999-4000 | 0 | 0 | |
| 11-22-55 | 40 | - | 40 | 38 | 3800-3917 | 40 | 3800-3801, 3803-3804, 3806-3807, 3809-3810, 3812-3813, 3815-3816, 3818-3819, 3821-3822, 3824-3825, 3827-3828, 3830-3831, 3833-3834, 3836-3837, 3839-3840, 3842-3843, 3845-3846, 3848-3849, 3851-3852, 3854-3855, 3857-3858, 3860-3861, 3863-3864, 3866-3867, 3869-3870, 3872-3873, 3875-3876, 3878-3879, 3881-3882, 3884-3885, 3887-3888, 3890-3891, 3893-3894, 3896-3897, 3899-3900, 3901-3902, 3904-3905, 3907-3908, 3909-3910, 3912-3913, 3915-3916, 3918-3919, 3921-3922, 3924-3925, 3927-3928, 3929-3930, 3932-3933, 3935-3936, 3938-3939, 3941-3942, 3945-3948, 3951-3954, 3957-3960, 3963-3966, 3969-3972, 3975-3978, 3981-3984, 3987-3990, 3993-3996, 3999-4000 | 40 | 3800-3801, 3803-3804, 3806-3807, 3809-3810, 3812-3813, 3815-3816, 3818-3819, 3821-3822, 3824-3825, 3827-3828, 3830-3831, 3833-3834, 3836-3837, 3839-3840, 3842-3843, 3845-3846, 3848-3849, 3851-3852, 3854-3855, 3857-3858, 3860-3861, 3863-3864, 3866-3867, 3869-3870, 3872-3873, 3875-3876, 3878-3879, 3881-3882, 3884-3885, 3887-3888, 3890-3891, 3893-3894, 3896-3897, 3899-3900, 3901-3902, 3904-3905, 3907-3908, 3909-3910, 3912-3913, 3915-3916, 3918-3919, 3921-3922, 3924-3925, 3927-3928, 3929-3930, 3932-3933, 3935-3936, 3938-3939, 3941-3942, 3945-3948, 3951-3954, 3957-3960, 3963-3966, 3969-3972, 3975-3978, 3981-3984, 3987-3990, 3993-3996, 3999-4000 | 47 | 3822-3801, 3852-3850, 3854-3858, 3863-3866, 3878-3879, 3880-3881, 3884-3885, 3887-3888, 3890-3891, 3893-3894, 3896-3897, 3899-3900, 3901-3902, 3904-3905, 3907-3908, 3909-3910, 3912-3913, 3915-3916, 3918-3919, 3921-3922, 3924-3925, 3927-3928, 3929-3930, 3932-3933, 3935-3936, 3938-3939, 3941-3942, 3945-3948, 3951-3954, 3957-3960, 3963-3966, 3969-3972, 3975-3978, 3981-3984, 3987-3990, 3993-3996, 3999-4000 | 0 | 0 | |

LINEAR FEET PIPE MADE THIS REPORT 1920
TOTAL FEET TO DATE 65,424

THEORETICAL BATCH WEIGHTS (DRY) Actual

| | | | |
|-------------|-------------|--------|--------|
| FINE AGG: | Dolase | 4110 | AMOUNT |
| COARSE AGG: | Molimo 3/4" | 4950 | |
| CEMENT: | Monarch | 2145 | |
| SPECIAL: | Water | 90 Gal | |
| ADMIX: | Romo | | |

| STEEL TEST DATA | |
|--------------------------|---------------------|
| CYLINDER WELD SPECIMENS: | |
| TAKEN: | 11-22-55 |
| HEAT NO.: | 697159 |
| WELD SAMPLES: | 01, 02, 03, 04, |
| REINFORCING MESH: | |
| TAKEN: | 11-22-55 |
| DIAMETER: | 106 |
| SQ. IN./LIN. FT.: | 2" x 3" x 12" Strip |
| STRESS WIRE: | |
| TAKEN: | 11-22-55 |
| DIAMETER: | 1948 |
| TENSION: | 2800 to 3200 Avg. |

REMARKS: Water Meter & Sealer in Batch Plant Checked 11-22-55.

2 Cylinders Taken Test and Retested in Cylinder Shop on 11-22-55.
2-Block Joint @ Colwich
1-Knoll
1-Tess

FILE 1 PAGE 1 OF 2



PLANT CHECK NO. 27

Project 2155
66" Water Transmission Lines

CHEMICAL AND TESTING

Wichita Laboratories

LAB. NO. 011363
(REFER TO THIS NUMBER)

DATE 11-26-55

LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT Black & Veatch

CONCRETE PIPE PLANT INSPECTION LOG

BATCH PLANT Lock Joint Pipe Co

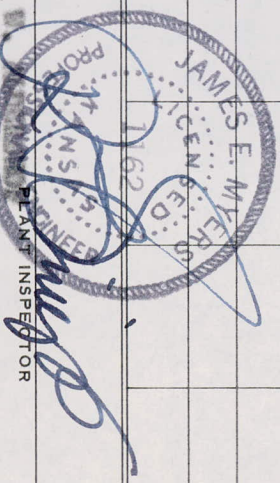
CONTRACTOR Lock Joint Pipe Co.

WEATHER Fair - Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--|-------------------------|-------------------|----------------|-----------------|-------------|--------------|---------------------------------|------------|---|--------------------|---|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 11-22-55 | | | | | | | | | | | | | | | | |
| Temperatures: Daily High: 62°, Low: 40°, Green Concrete: 71° @ 59° Outside Temp. | | | | | | | | | | | | | | | | |
| 11-23-55 | 40 | -- | 40 | 40 | 3918-3557 | 40 | 3726-3735, 3738-3765, 3741-3765 | 40 | 3678-3705, 3709-3710, 3714-3719, 3722, 3736, 3737, 3740 | 38 | 3523-3534, 3535-3540, 3541-3542, 3543-3544, 3545-3546, 3547-3548, 3549-3550, 3551-3552, 3553-3554 | 0 | 0 | | | |
| Temperatures: Daily High: 47° Low: 26°, Green Concrete: 65° @ 46° Outside Temp. | | | | | | | | | | | | | | | | |
| 11-24-55, & 11-25-55 - Non-Production Days, Thanksgiving Holiday. | | | | | | | | | | | | | | | | |

The following No Cores have minor cracks but will be processed in the usual manner.

3861, 3866, 3873, 3909, 3910, 3911.



W. W. ... PLANT INSPECTOR

REMARKS: Pipe No. 3511; Formerly scheduled for scrapping has been rechecked and will be processed in the usual manner.

LINEAR FEET PIPE MADE THIS REPORT 1920

TOTAL FEET TO DATE 65,626

THEORETICAL BATCH WEIGHTS (DRY) Actual

TYPE 3 Yard Batch AMOUNT

FINE AGG: M&M Polype 4110

COARSE AGG: Rollins 3/4" 4950

CEMENT: Monarch 2145

SPECIAL: Water 4 90 gal.

ADMIX: Bone

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____

HEAT NO.: _____

WELD SAMPLES: _____

REINFORCING MESH:

TAKEN: _____

DIAMETER: _____

SQ. IN./LIN. FT.: _____

STRESS WIRE:

TAKEN: _____

DIAMETER: _____

TENSION _____

CC:

FILE

PROJECT: 66" Water Transmission Lines

LOCATION: Colwich, Kansas

ENGINEER/ARCHITECT Black & Veatch

CONTRACTOR Lock Joint Pipe Co.

Wichita Laboratories

CHEMICAL AND TESTING

BATCH PLANT Lock Joint Pipe Co.

WEATHER Fair - Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | | | | |
|---|-------------------------|-------------------|----------------|-----------------|--|-----------------------|--|--------------------|--|---------------|--|---------------|---|--------|---|---|---|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | |
| 11-14-55 | 39 | (1) | 40 | 40 | 3725 | 40 | 3401, 3402, 3403, 3404, 3405, 3406, 3407, 3408, 3409, 3410 | 40 | 3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3460 | 45 | 3306, 3325, 3337, 3339, 3360, 3367, 3393, 3398, 3403, 3404, 3406, 3407, 3409, 3410 | 0 | 0 | 0 | | | |
| Temperatures: High 60° Low 32° Green Concrete 58°@53° Outside 35°@35° | | | | | | | | | | | | | | | | | |
| 11-15-55 | 40 | 0 | 40 | 40 | 3765 | 20 | 3538, 3541, 3543, 3545, 3546, 3560, 3561 | 40 | 3510, 3512, 3519, 3522, 3528, 3530, 3539, 3540, 3544, 3546, 3547, 3548, 3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3558, 3559, 3560, 3561, 3562, 3563, 3564, 3565, 3566, 3567, 3568, 3569, 3570, 3571, 3572, 3573, 3574, 3575, 3576, 3577, 3578, 3579, 3580, 3581, 3582, 3583, 3584, 3585, 3586, 3587, 3588, 3589, 3590, 3591, 3592, 3593, 3594, 3595, 3596, 3597, 3598, 3599, 3600, 3601, 3602, 3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619, 3620, 3621, 3622, 3623, 3624, 3625, 3626, 3627, 3628, 3629, 3630, 3631, 3632, 3633, 3634, 3635, 3636, 3637, 3638, 3639, 3640, 3641, 3642, 3643, 3644, 3645, 3646, 3647, 3648, 3649, 3650, 3651, 3652, 3653, 3654, 3655, 3656, 3657, 3658, 3659, 3660, 3661, 3662, 3663, 3664, 3665, 3666, 3667, 3668, 3669, 3670, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3680, 3681, 3682, 3683, 3684, 3685, 3686, 3687, 3688, 3689, 3690, 3691, 3692, 3693, 3694, 3695, 3696, 3697, 3698, 3699, 3700, 3701, 3702, 3703, 3704, 3705, 3706, 3707, 3708, 3709, 3710, 3711, 3712, 3713, 3714, 3715, 3716, 3717, 3718, 3719, 3720, 3721, 3722, 3723, 3724, 3725, 3726, 3727, 3728, 3729, 3730, 3731, 3732, 3733, 3734, 3735, 3736, 3737, 3738, 3739, 3740, 3741, 3742, 3743, 3744, 3745, 3746, 3747, 3748, 3749, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 3757, 3758, 3759, 3760, 3761, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3782, 3783, 3784, 3785, 3786, 3787, 3788, 3789, 3790, 3791, 3792, 3793, 3794, 3795, 3796, 3797, 3798, 3799, 3800, 3801, 3802, 3803, 3804, 3805, 3806, 3807, 3808, 3809, 3810, 3811, 3812, 3813, 3814, 3815, 3816, 3817, 3818, 3819, 3820, 3821, 3822, 3823, 3824, 3825, 3826, 3827, 3828, 3829, 3830, 3831, 3832, 3833, 3834, 3835, 3836, 3837, 3838, 3839, 3840, 3841, 3842, 3843, 3844, 3845, 3846, 3847, 3848, 3849, 3850, 3851, 3852, 3853, 3854, 3855, 3856, 3857, 3858, 3859, 3860, 3861, 3862, 3863, 3864, 3865, 3866, 3867, 3868, 3869, 3870, 3871, 3872, 3873, 3874, 3875, 3876, 3877, 3878, 3879, 3880, 3881, 3882, 3883, 3884, 3885, 3886, 3887, 3888, 3889, 3890, 3891, 3892, 3893, 3894, 3895, 3896, 3897, 3898, 3899, 3900, 3901, 3902, 3903, 3904, 3905, 3906, 3907, 3908, 3909, 3910, 3911, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3919, 3920, 3921, 3922, 3923, 3924, 3925, 3926, 3927, 3928, 3929, 3930, 3931, 3932, 3933, 3934, 3935, 3936, 3937, 3938, 3939, 3940, 3941, 3942, 3943, 3944, 3945, 3946, 3947, 3948, 3949, 3950, 3951, 3952, 3953, 3954, 3955, 3956, 3957, 3958, 3959, 3960, 3961, 3962, 3963, 3964, 3965, 3966, 3967, 3968, 3969, 3970, 3971, 3972, 3973, 3974, 3975, 3976, 3977, 3978, 3979, 3980, 3981, 3982, 3983, 3984, 3985, 3986, 3987, 3988, 3989, 3990, 3991, 3992, 3993, 3994, 3995, 3996, 3997, 3998, 3999, 4000 | 16 | 3364, 3366, 3369, 3372, 3376, 3378, 3379, 3381, 3384, 3387, 3390, 3391, 3405, 3408, 65-68, 85, 86, 103, 105, 107, 108, 111, 112, 114-116, 127-129, 131, 143, 146, 150, 151, 155, 3350, 3375- | 0 | 0 | 0 | | | |
| Temperatures: High 42 Low 38 Green Concrete 59° @ Outside 57° | | | | | | | | | | | | | | | | | |
| 11-16-55 | Non-Production Day | | | | | | | | | | | | | | | | |
| Temperatures: High 30° Low 8° | | | | | | | | | | | | | | | | | |
| 11-17-55 | 38 | 170, 171 | 40 | 35 | 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3782, 3783, 3784, 3785, 3786, 3787, 3788, 3789, 3790, 3791, 3792, 3793, 3794, 3795, 3796, 3797, 3798, 3799, 3800, 3801, 3802, 3803, 3804, 3805, 3806, 3807, 3808, 3809, 3810, 3811, 3812, 3813, 3814, 3815, 3816, 3817, 3818, 3819, 3820, 3821, 3822, 3823, 3824, 3825, 3826, 3827, 3828, 3829, 3830, 3831, 3832, 3833, 3834, 3835, 3836, 3837, 3838, 3839, 3840, 3841, 3842, 3843, 3844, 3845, 3846, 3847, 3848, 3849, 3850, 3851, 3852, 3853, 3854, 3855, 3856, 3857, 3858, 3859, 3860, 3861, 3862, 3863, 3864, 3865, 3866, 3867, 3868, 3869, 3870, 3871, 3872, 3873, 3874, 3875, 3876, 3877, 3878, 3879, 3880, 3881, 3882, 3883, 3884, 3885, 3886, 3887, 3888, 3889, 3890, 3891, 3892, 3893, 3894, 3895, 3896, 3897, 3898, 3899, 3900, 3901, 3902, 3903, 3904, 3905, 3906, 3907, 3908, 3909, 3910, 3911, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3919, 3920, 3921, 3922, 3923, 3924, 3925, 3926, 3927, 3928, 3929, 3930, 3931, 3932, 3933, 3934, 3935, 3936, 3937, 3938, 3939, 3940, 3941, 3942, 3943, 3944, 3945, 3946, 3947, 3948, 3949, 3950, 3951, 3952, 3953, 3954, 3955, 3956, 3957, 3958, 3959, 3960, 3961, 3962, 3963, 3964, 3965, 3966, 3967, 3968, 3969, 3970, 3971, 3972, 3973, 3974, 3975, 3976, 3977, 3978, 3979, 3980, 3981, 3982, 3983, 3984, 3985, 3986, 3987, 3988, 3989, 3990, 3991, 3992, 3993, 3994, 3995, 3996, 3997, 3998, 3999, 4000 | 40 | 40 | 20 | 3562-3568, 3571, 3576 | 0 | 0 | 32 | 3377, 3381, 3382, 3383, 3385, 3386, 3388, 3392, 3411, 3422, 3423, 3428, 3438, 3440-3443, 3446, 3447, 3494, 3495, 3498, 3499, 3502, 3503, 3504, 3505, 3506, 3507, 3508, 3509, 3510, 3511, 3512, 3513, 3514, 3515, 3516, 3517, 3518, 3519, 3520, 3521, 3522, 3523, 3524, 3525, 3526, 3527, 3528, 3529, 3530, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3538, 3539, 3540, 3541, 3542, 3543, 3544, 3545, 3546, 3547, 3548, 3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3558, 3559, 3560, 3561, 3562, 3563, 3564, 3565, 3566, 3567, 3568, 3569, 3570, 3571, 3572, 3573, 3574, 3575, 3576, 3577, 3578, 3579, 3580, 3581, 3582, 3583, 3584, 3585, 3586, 3587, 3588, 3589, 3590, 3591, 3592, 3593, 3594, 3595, 3596, 3597, 3598, 3599, 3600, 3601, 3602, 3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619, 3620, 3621, 3622, 3623, 3624, 3625, 3626, 3627, 3628, 3629, 3630, 3631, 3632, 3633, 3634, 3635, 3636, 3637, 3638, 3639, 3640, 3641, 3642, 3643, 3644, 3645, 3646, 3647, 3648, 3649, 3650, 3651, 3652, 3653, 3654, 3655, 3656, 3657, 3658, 3659, 3660, 3661, 3662, 3663, 3664, 3665, 3666, 3667, 3668, 3669, 3670, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3680, 3681, 3682, 3683, 3684, 3685, 3686, 3687, 3688, 3689, 3690, 3691, 3692, 3693, 3694, 3695, 3696, 3697, 3698, 3699, 3700, 3701, 3702, 3703, 3704, 3705, 3706, 3707, 3708, 3709, 3710, 3711, 3712, 3713, 3714, 3715, 3716, 3717, 3718, 3719, 3720, 3721, 3722, 3723, 3724, 3725, 3726, 3727, 3728, 3729, 3730, 3731, 3732, 3733, 3734, 3735, 3736, 3737, 3738, 3739, 3740, 3741, 3742, 3743, 3744, 3745, 3746, 3747, 3748, 3749, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 3757, 3758, 3759, 3760, 3761, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3782, 3783, 3784, 3785, 3786, 3787, 3788, 3789, 3790, 3791, 3792, 3793, 3794, 3795, 3796, 3797, 3798, 3799, 3800, 3801, 3802, 3803, 3804, 3805, 3806, 3807, 3808, 3809, 3810, 3811, 3812, 3813, 3814, 3815, 3816, 3817, 3818, 3819, 3820, 3821, 3822, 3823, 3824, 3825, 3826, 3827, 3828, 3829, 3830, 3831, 3832, 3833, 3834, 3835, 3836, 3837, 3838, 3839, 3840, 3841, 3842, 3843, 3844, 3845, 3846, 3847, 3848, 3849, 3850, 3851, 3852, 3853, 3854, 3855, 3856, 3857, 3858, 3859, 3860, 3861, 3862, 3863, 3864, 3865, 3866, 3867, 3868, 3869, 3870, 3871, 3872, 3873, 3874, 3875, 3876, 3877, 3878, 3879, 3880, 3881, 3882, 3883, 3884, 3885, 3886, 3887, 3888, 3889, 3890, 3891, 3892, 3893, 3894, 3895, 3896, 3897, 3898, 3899, 3900, 3901, 3902, 3903, 3904, 3905, 3906, 3907, 3908, 3909, 3910, 3911, 3912, 3913, 3914, 3915, 3916, 3917, 3918, 3919, 3920, 3921, 3922, 3923, 3924, 3925, 3926, 3927, 3928, 3929, 3930, 3931, 3932, 3933, 3934, 3935, 3936, 3937, 3938, 3939, 3940, 3941, 3942, 3943, 3944, 3945, 3946, 3947, 3948, 3949, 3950, 3951, 3952, 3953, 3954, 3955, 3956, 3957, 3958, 3959, 3960, 3961, 3962, 3963, 3964, 3965, 3966, 3967, 3968, 3969, 3970, 3971, 3972, 3973, 3974, 3975, 3976, 3977, 3978, 3979, 3980, 3981, 3982, 3983, 3984, 3985, 3986, 3987, 3988, 3989, 3990, 3991, 3992, 3993, 3994, 3995, 3996, 3997, 3998, 3999, 4000 | 0 | 0 | 0 | 0 |
| Temperatures: High 30° Low 8° | | | | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2560

TOTAL FEET TO DATE 63504

THEORETICAL BATCH WEIGHTS (DRY) Actual

3 yd. Batch

TYPE AMOUNT

FINE AGG: Dolose 4110

COARSE AGG: Kotline 3/4" 4950

CEMENT: Monarch 2149

SPECIAL: Water 90 Gal.

ADMIX:

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 11-14-55

HEAT NO.: Z3-S-501-P.O.

WELD SAMPLES: V1, V2, V3, V4

REINFORCING MESH:

TAKEN: 11-14-55

DIAMETER: .107

SQ. IN./LIN. FT.: 2" @ 12" Strip

STRESS WIRE:

TAKEN: 11-14-55

DIAMETER: .1947

TENSION: 2800 to 3200 Avg.

REMARKS:

[Signature]

JAMES L. MYER
PLANT INSPECTOR

CC: 2 Keller

1 Knott

1 Boss

FILE 11 PAGE 1 OF 1



1428 N. MOSLEY AVE.
Project 2155

PLANT CHECK NO. 26

Hobart 4-3

PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Black & Veatch
CONTRACTOR: Lock Joint Pipe Co.

Wichita
AND
Laboratories
CHEMICAL AND TESTING
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 811308
(REFER TO THIS NUMBER)
DATE 11-25-55
BATCH PLANT: Lock Joint Pipe Co.
WEATHER: Fair - Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|-------------|--------------------|--|---------------|--|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 11-18-55 | 40 | 0 | 40 | 39 | 3801-3801 | 40 | 3599- | 40 | 3564, 3570, 3574, 3575, 3614, 3617, 3622, 3623, 3629, 3632, 3649, 3656, 3660, 3661, 3668, 3682, 3690, 3691 | 31 | 3449, 3453, 3459, 3462, 3464, 3465, 0, 3467-3465, 3468-3469, 3508. | | | |
| Temperature: High: 45° Low: 23° Green concrete 60° @ 4 1/2" Outside. | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT: 2560
TOTAL FEET TO DATE: 69306

THEORETICAL BATCH WEIGHTS (DRY) actual

3 qt. batch TYPE AMOUNT

FINE AGG: Polars 4110
COARSE AGG: Moline 3/4" 4930
CEMENT: Romarch 2145
SPECIAL: Water 7.90 gal.
ADMIX:

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
TAKEN: 11-14-55
HEAT NO.: 73-S-501-P.O.
WELD SAMPLES: V1, V2, V3, V4
REINFORCING MESH:
TAKEN: 11-14-55
DIAMETER: .107
SQ. IN./LIN. FT.: 2"x2"x12" Strip
STRESS WIRE:
TAKEN: 11-14-55
DIAMETER: .1947
TENSION: 2800 to 3200 Avg.

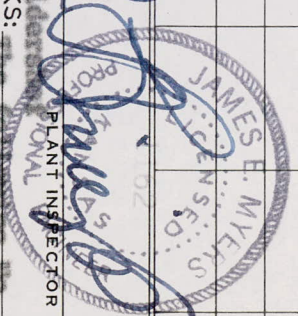
REMARKS: The following No. Cores have minor cracks but are not considered serious enough for stripping and

W. W. Alderson
PLANT INSPECTOR

11-25-55
OG: Lock Joint Colwich

2 Heller
1 Knoller
1 Rees

FILE 1 PAGE 2 OF 2



Project 2155

PROJECT: 66" Water Transmission Lines
 LOCATION: Olatoh, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Michita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 011164
 (REFER TO THIS NUMBER)
 DATE: November 14, 1955
 BATCH PLANT: Look Joint Pipe Co.
 WEATHER: Partly Cloudy

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|------------|--------------------|---|---------------|--------------|-----------------------|--------|---|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | |
| 11-7-55 | NO | 0 | NO | NO | 3487-3528 | NO | 3289-3328 | 39 | 3279-3281-3288 | 3289-3279 | 3281-3288 | 42 | 3079, 3116, 3129-3148 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| 11-8-55 | NO | 0 | NO | NO | 3529-3568 | NO | 3329-3367 | NO | 3369-3387 | 3369-3172 | 3387-3388 | 39 | 3172-3208 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| 11-9-55 | 39 | 137 | NO | NO | 3609-3608 | NO | 3403-3403 | NO | 3359-3368 | 3609-3218, 3222, 3224, 3225, 3227-3234, 3238-3248 | 3403-3410 | 34 | 3227-3234, 3238-3248 | 0 | 0 |
| 11-10-55 | NO | 0 | NO | 39 | 3447-3447 | NO | 3411-3411 | NO | 3369-3399 | 3447-3173, 3219 | 3403-3410 | 42 | 3173, 3219 | 0 | 0 |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 11-9-55
 HEAT NO.: 29-4-508 2, 4
 WELD SAMPLES: W, Y, Z, W, Y, Z

REINFORCING MESH:

TAKEN: 11-9-55
 DIAMETER: 106
 SQ. IN./LIN. FT.: 24.00 24.00 strip

LINEAR FEET PIPE MADE THIS REPORT: 3200
 TOTAL FEET TO DATE: 6794
 THEORETICAL BATCH WEIGHTS (DRY) Actual

3 TYPE Patch AMOUNT
 Dolene 1110
 Rolling 3/16" 49 50
 Cement 2145
 Water 7 90 Gal.
 ADMIX: -

REMARKS: W. W. Allard Professional Engineer
 PLANT INSPECTOR
 will be repaired with same material as 3500, 3502, 3520, 3521, 3541 joint & Olatoh
 CC: 1 Keller
 1 Knoll
 1 Hees

FILE 1 OF 2
 PAGE 1 OF 2

PLANT CHECK NO. 25

Project 2155
66" Water Transmission Lines

CHEMICAL AND TESTING

Michita Laboratories

LAB. NO. 011198
(REFER TO THIS NUMBER)

DATE November 14, 1955

LOCATION: Colwell, Kansas

TESTING

BATCH PLANT Lock Joint Pipe

ENGINEER/ARCHITECT Black & Veitch

CONCRETE PIPE PLANT INSPECTION LOG

WEATHER Fair - Cold

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|------------------------|------------|----------------------|--------------------|--|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 11-11-55 | NO | 0 | NO | NO | 3028-3085 | NO | 3089, 3505, 3508, 3509 | NO | 3011-3018, 3050-3051 | 42 | 3252, 3266, 3270, 3280, 3289-3305, 3307-3321, 3323-3328. | | | | | |
| 11-12-55 | | | | | | | | | | | | | | | | |

Temperature High 67° Low 42°
Outside Temperature 75° & 67°
Non-Production Day Mill Tests Witnessed Report will follow of same

LINEAR FEET PIPE MADE THIS REPORT 1200
TOTAL FEET TO DATE 6094.4

THEORETICAL BATCH WEIGHTS (DRY)-Actual

FINE AGG: Dulse 4110
 COARSE AGG: Kolline 3/4" 4990
 CEMENT: Korrugh 2145
 SPECIAL: Water 7.90 gal.
 ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 11-9-55
 HEAT NO.: 72-0-508 P. O.
 WELD SAMPLES: 71, 72, 73, 74.

REINFORCING MESH:
 TAKEN: 11-9-55
 DIAMETER: 106
 SQ. IN./LIN. FT.: 222x120 str.
 STRESS WIRE:
 TAKEN: 11-9-55
 DIAMETER: .1963
 TENSION: 2200 to 2200 psi

REMARKS:
 2 Lock Joint @ Colwell
 CG 1 knoll
 1 hose
 FILE 1

PLANT INSPECTOR
 JAMES W. MYER
 ENGINEER

PAGE 2 OF 2

PROJECT: 66" Water Transmission Lines
 LOCATION: Polk Co., Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 211073
 (REFER TO THIS NUMBER)
 DATE November, 1955
 BATCH PLANT Lock Joint Pipe Co.
 WEATHER Fair - Cool

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|----------------------|--------------------|-------------|---------------|--|---------------|------------|--------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | |
| 10-31-55 | NO | 158 (1) | A1 | NO | 3289-3328 | NO | 3089-3121 | NO | 3049-3088 | A3 | 2905, 2917, 2913, 2915, 2921, 2928, 2926, 2912, 2935, 2977, 2965, 2964, 2961, 2936, 2938, 2947, 2949, 2977, 3008 | 0 | 0 | 0 | |
| 11-2-55 | NO | 0 (1) | NO | NO | 3329-3368 | NO | 3129-3168 | NO | 3129-3168 | A1 | 2966, 3017 | 0 | 0 | 0 | |
| 11-2-55 | NO | 161 | A1 | NO | 3369-3408 | NO | 3169-3208 | NO | 3169-3208 | A1 | 3048 | 0 | 0 | 0 | |
| 11-2-55 | NO | - | NO | NO | 3407-3446 | NO | 3209-3248 | NO | 3209-3248 | 39 | 3049-3078, 3080-3088 | 0 | 0 | 0 | |
| 11-4-55 | NO | (1) | A1 | NO | 3449-3488 | A | 3249-3288 | NO | 3209-3248 | 39 | 3089-3125, 3127, 3128 | 0 | 0 | 0 | |
| 11-5-55 | None-Production Day | | | 10am to 1pm | 158 | Temperature | Bully High 74 Low 42 | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3216
 TOTAL FEET TO DATE 57744

THEORETICAL BATCH WEIGHTS (DRY) Actual
 TYPE 3 Yard Batch AMOUNT
 FINE AGG: Dolom Brecc, Sand A110
 COARSE AGG: Rolling 3/4" 4950
 CEMENT: Koncrete 2145
 SPECIAL: Water 7.90 Gal
 ADMIX: None

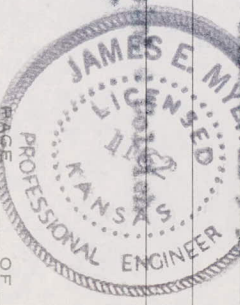
STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 11-1-55
 HEAT NO.: 73-S-508 P.O.
 WELD SAMPLES: 71, 72, 73, 74
 REINFORCING MESH:
 TAKEN: 11-2-55
 DIAMETER: .107
 SQ. IN./LIN. FT.: 2.00" x 12" Strip
 STRESS WIRE:
 TAKEN: 11-4-55
 DIAMETER: .1948
 TENSION: 2800 - 3200 Avg.

REMARKS: Batch plant scale 4

[Signature]
 W. W. Alderman PLANT INSPECTOR Mills

Water Meter Ch...
 2port Jo...
 2 roller
 1 Knoll
 CC: These
 FILE 1 OF 1



PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Blake & Vench
CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 010265
(REFER TO THIS NUMBER)
DATE 11-2-55
BATCH PLANT: Look Joint Pipe Co.
WEATHER: Fair - Cool

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|-----------------|------------------------|-----------------------|-------------|--------------------|-------------|---------------|--|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 10-26-55 | NO | (3) | NO | 3089-3128 | 39 | 2894-2932 | 39 | 2855-2893 | 50 | 2219, 2224, 2237, 2350, 2351, 2353-2357, 2660, 2667, 2685, 2682, 2697, 2709, 2718, 2719, 2726-2756. | | | |
| 10-25-55 | NO | - | NO | 3129-3168 | 39 | 2933-2972 | 39 | 2894-2932 | 45 | 2757, 2777, 2780, 2782-2786, 2788, 2795-2797, 2800, 2807, 2809-2812, 2814, 2815 | | | |
| 10-26-55 | NO | (1) | NO | 1 Omitta 159 3169-3208 | 37 | 2972-3008 | 39 | 2933-2972 | 49 | 1979, 2007, 2778, 2779, 2781, 2787, 2789-2794, 2798, 2799, 2808, 2813, 2816-2828, 2830-2836, 2839, 2840, 2842, 2846-2854, 2284, 2857, 2838, 2855, 2857, 2859-2870, 2872-2893 | | | |
| 10-27-55 | NO | (1) | NO | 2 Omitta 3249-3288 | NO | 3049-3088 | NO | 3009-3048 | 35 | 2841, 2844, 2856, 858, 2871, 2894, 2895, 2897-2904, 2906, 2908-2912, 2914, 2916-2920, 2922, 2923, 2927-2931. | | | |
| 10-28-55 | NO | (1) | NO | 2 Omitta 3249-3288 | NO | 3049-3088 | NO | 3009-3048 | 35 | 102. | | | |

LINEAR FEET PIPE MADE THIS REPORT 3209
TOTAL FEET TO DATE 54528

THEORETICAL BATCH WEIGHTS (DRY) - Actual
TYPE: 3 yard batch AMOUNT
FINE AGG: Dolene 4110
COARSE AGG: Molino 3/4" 4970
CEMENT: Memphis 2145
SPECIAL: Water 7.90 Gal.
ADMIX: None

STEEL TEST DATA
CYLINDER WELD SPECIMENS:
TAKEN: 10-26-55
HEAT NO.: 73-8-501-2, 0
WELD SAMPLES: S1, S2, S3, S4
REINFORCING MESH:
TAKEN: 10-27-55
DIAMETER: 105
SQ. IN./LIN. FT.: 24.28 x 12.28
STRESS WIRE:
TAKEN: 10-27-55
DIAMETER: .1927-55
TENSION: 2800 - 3200 Avg.

REMARKS: W. W. Alderson, Jr. PLANT INSPECTOR
JAMES E. ... PROFESSIONAL ENGINEER
CC: 2 Look Joint & Colwich
1 Keller
1 Knoll
1 Hess
FILE 1 PAGE 1 OF 1

Project 2155
66" Water Transmission Lines
Location: Colatch, Kansas
ENGINEER/ARCHITECT: Plank & Varich
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 010292
(REFER TO THIS NUMBER)
DATE October 31, 1955
BATCH PLANT: Lock Joint Pipe Co.
WEATHER Fair - 8114

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|-------------|--------------------|-------------|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 10-20-55 | 60 | - | 60 | 60 | 3009-3048 | 39 | 2816-2854 | 60 | 2771-2815 | 61 | 2211, 2228-2230, 2232, 2312, 2314, 2316, 2317, 2319, 0, 2321, 2323, 2324, 2459, 2662, 2683, 2687-2690, 2697-2698. | | | |
| 10-21-55 | 60 | 0 | 60 | 60 | 3049-3088 | 39 | 2855-2893 | 39 | 2816-2854 | 28 | 109, 195, 2684, 2691, 2692, 2698-2708, 2710-0, 2717, 2720-2725. | | | |
| 10-22-55 | NON-PRODUCTION | AV | | | 1 Concrete | 1 spec | 164 | 1 spec | 163 | 1 spec | 118 | | | |

LINEAR FEET PIPE MADE THIS REPORT 3,219
TOTAL FEET TO DATE 51,319

THEORETICAL BATCH WEIGHTS (DRY) Actual

FINE AGG: Dolom 4110

COARSE AGG: Moline 3/4 4950
Cement: Monarch 2145
SPECIAL: Water 2 90 Gal.
ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
TAKEN: 10-19-55
HEAT NO.: 03-X-204-20
WELD SAMPLES: B1, B2, B3, B4

REINFORCING MESH:
TAKEN: 10-20-55
DIAMETER: .105
SQ. IN./LIN. FT.: 27.22 sq in. strip

STRESS WIRE:
TAKEN: 10-20-55
DIAMETER: .1946
TENSION: 2800 to 3200 Avg.

REMARKS: 160' pipe with a 160' 17 1/2' pipe.
Batch plant 2, 14 NS, 4 S, 1 star
Check 10-20-55
CC: 2 Lock Joint
1 Keller
1 Hesse
1

W. V. Alderson, P.L.M. INSPECTOR
(Signature)

PLANT INSPECTOR
ENGINEER

FILE PAGE 2 OF 2

PROJECT: 66" Water Transmission Lines
 LOCATION: Coltsch, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Lock Joint Pipe Co.

Wichita
 CHEMICAL AND TESTING
 LABORATORIES
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 810292
 (REFER TO THIS NUMBER)
 DATE October 31, 1955
 BATCH PLANT Lock Joint Pipe Co.
 WEATHER Fair - 8114

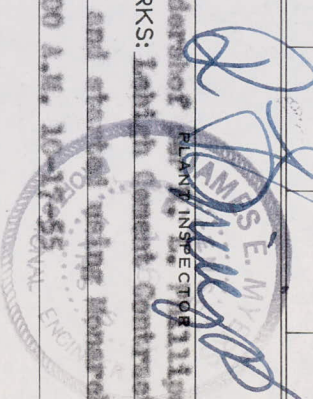
| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|---|-----------------------|-------------|--------------------|-------------|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 10-16-55 | None - PROTECTIVE ONLY | | | | | | | | | 39 | 2124, 2302, 2303, 2310, 0, 0 | | | |
| 10-17-55 | 39 | 167 | NO | 39 | 2891, 2932 | 39 | 2698, 2736 | 39 | 2659, 2697 | 30 | 1863, 1924, 1984, 1988, 0, 0, 2147, 2213, 2217, 2218, 2264, 2273, 2326, 2518, 2558, 2574, 2571, 2599, 2601, 2602, 2607, 2609, 2614. | | | |
| 10-18-55 | 38 | (2) 168, 169 | NO | 39 | 2933, 2972 | NO | 2737, 2776 | 39 | 2695, 2736 | 36 | 2215, 2216, 2231, 2233, 2236, 2358, 2360, 2365, 2402, 2403, 2408, 2610, 2613, 2615, 2619, 2641, 2642, 2654, 2658. | | | |
| 10-19-55 | NO | - | NO | 37 | 10 units 251, 2972, 3008, 165, 168, 169 | 39 | 2777, 2815 | NO | 2737, 2776 | 39 | 1855, 2201, 2318, 2352, 2361, 2364, 2365, 2367, 2505, 0, 2554, 2620, 2643, 2649, 2653 | | | |

LINEAR FEET PIPE MADE THIS REPORT 3,217
 TOTAL FEET TO DATE 51,319

THEORETICAL BATCH WEIGHTS (DRY) - Actual
 3 TYPE Batch AMOUNT
 FINE AGG: Dolose 4110
 COARSE AGG: Rollins 3/4" 4950
 CEMENT: Monarch 2145
 SPECIAL: Water 7.90 Gal.
 ADMIX: None

STEEL TEST DATA
 CYLINDER WELD SPECIMENS:
 TAKEN: 10-19-55
 HEAT NO.: 63-V-384-P, 0.
 WELD SAMPLES: R1, R2, R3, R4
 REINFORCING MESH:
 TAKEN: 10-20-55
 DIAMETER: .105
 SQ. IN./LIN. FT.: 29.28, 12.46
 STRESS WIRE:
 TAKEN: 10-19-55
 DIAMETER: .196
 TENSION: 2800 to 3200 Avg.

REMARKS: W. W. Alderhof PLANT INSPECTOR
 order and storage being reviewed & 9:00 A.M. 10-17-55
 CC: 2 Rollin
 1 Monarch
 1 Hess
 FILE 1 OF 2



1428 N. MOSLEY AVE.

PROJECT: 65th Water Transmission Lines

LOCATION: Coleridge, Kansas

ENGINEER/ARCHITECT: Black & Veatch

CONTRACTOR: Lock Joint Pipe Co.

PLANT CHECK NO. 2

Wichita AND Laboratoires CHEMICAL AND TESTING

CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 1162
(REFER TO THIS NUMBER)

DATE October 27, 1955

BATCH PLANT Lock Joint Pipe Co

WEATHER Partly Cool

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------------------------|---------------|-----------------------|------------------------------|--------------------|-----------------------------|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 10-2-55 | None | Production Day | | | | | | | | | | | | |
| 1-10-55 | 37 | - | 37 | 39 1 spcl. 136 10 spcls 108 | 2737- 2776 | 38 | 2503- 2500 141, 142 | 39 1 spcl. 131 | 2466- 2504 | 53 | 1913, 1919, 2052, 2105, 0 2132, 2143, 2146, 2148, 2149, 2151, 2152, 2172, 2177, 2179, 2188, 2190, 2191, 2196, 2200, 2203, 2204, 2250, 2258, 2259, 2263, 2265, 2267, 2269, 2272, 2315, 2351, 2364, 2367, 2369, 2368, 2368. | 0 | | |
| 10-11-55 | 62 | (1) | 63 | 40 1 spcl. 136 | 2737- 2776 | 38 | 2503- 2500 141, 142 | 39 2 spcls | 2505- 2512 143 143 | 55 | 2239, 2245, 2249, 2254, 2255, 2257, 2260 2262, 2263, 0 2271, 2277, 2313, 2320, 2323, 2325, 2327, 2330, 2336, 2339, 2349, 2374, 2375, 2382, 2384, 2385, 2389, 2400, 2402, 2405, 2407, 2409, 2412, 2416, 2422, 2423. | 0 | | |

LINEAR FEET PIPE MADE THIS REPORT 3202

TOTAL FEET TO DATE 48102

THEORETICAL BATCH WEIGHTS (DRY) Actual

TYPE AMOUNT

FINE AGG: Dolose 1116

COARSE AGG: Kollime 3/4" 6950

CEMENT: Lanth 2145

SPECIAL: Water 2.90 Gal.

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____

HEAT NO.: _____

WELD SAMPLES: _____

REINFORCING MESH:

TAKEN: _____

DIAMETER: _____

SQ. IN./LIN. FT.: _____

STRESS WIRE:

TAKEN: _____

DIAMETER: _____

TENSION: _____

REMARKS:

[Handwritten Signature]

PLANT INSPECTOR

1162

PROFESSIONAL ENGINEER

KANSAS

CC: 2 Lock Joint

1 Keller

1 Knoll

FILE NO. 1

PAGE 1 OF 2

1428 N. MOSLEY AVE.

Project 2155

PLANT CHECK NO. 21

Hobart 4-3948

PROJECT: 66" Water Transmission Lines
LOCATION: Colwell, Kansas
ENGINEER/ARCHITECT: Baker & Yantch
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita LABORATORIES
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 910210
(REFER TO THIS NUMBER)
DATE: October 27, 1955
BATCH PLANT: Lock Joint Pipe Co.
WEATHER: Fair - Cool

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-----------------------------|----------------|--|--------------------------|-----------------------|---------------|--------------------|------------------------------|---------------|---|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 10-12-55 | 39 | (1) 163 | NO | 39 | 2777- 2815 | 39 | 2581- 2619 | 39 | 2543- 2580 142, 144 | 57 | 2124, 2130, 2138, 2139, 2210, 2212, 2213, 2218, 2251, 0 | 0 | 0 | |
| 10-13-55 | 39 | (1) 164 | NO | 39 | 2816- 2854 | 39 | 2620- 2658 | 39 | 2581- 2619 | 31 | 2211, 2212, 2218, 2220-2227, 2236, 2253, 2256, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2420, 2459, 2459, 2460, 2465- 2468, 2477, 2482, 2482, 2486, 2487, 2411, 2412-2421, 2424-2426, 2469-2476, 2478, 2481, 2485, 2488-2500, | 0 | 0 | |
| 10-15-55 | 0 | (4) 13, 151, 159, 165 | 4 | 1 spool 1 spool 1 spool 1 spool | 160 160 160 160 | 1 spool | 153 153 | 1 spool | 152 | 46 | 1 spool, 101 2410, 2417, 2509, 2519-2542, 0 | 0 | 0 | |

LINEAR FEET PIPE MADE THIS REPORT 3202
TOTAL FEET TO DATE 48102

THEORETICAL BATCH WEIGHTS (DRY) actual

TYPE AMOUNT

FINE AGG: Dolene 4110

COARSE AGG: Moline 3/4" 2950

CEMENT: Lehigh 2145

SPECIAL: Water 7 90 GAL.

ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____

HEAT NO.: _____

WELD SAMPLES: _____

REINFORCING MESH:

TAKEN: _____

DIAMETER: _____

SQ. IN./LIN. FT.: _____

STRESS WIRE:

TAKEN: _____

DIAMETER: _____

TENSION: _____

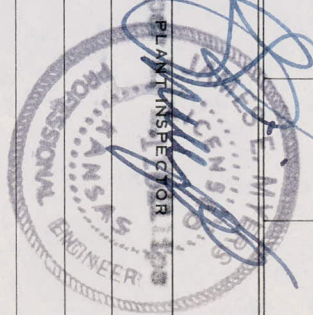
REMARKS:

[Handwritten Signature]

PLANT INSPECTOR

CC: 2 Lock Joint
2 Yeller
1 Knott
1 Reese

FILE 1 OF 2



1428 N. MOSLEY AVE.
Project 2155

PLANT CHECK NO. 20

Hobart 4-3948

PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Black & Veatch
CONTRACTOR: Lock Joint Pipe Co.

Wichita
AND
Laboratories
CHEMICAL AND TESTING
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 810098
(REFER TO THIS NUMBER)
DATE: October 8, 1955
BATCH PLANT: Lock Joint Pipe Co.
WEATHER: Rain, Then Fair, Mild

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|----------------------|----------------|-----------------|----------------------------------|--------------|----------------------------------|------------|----------------------------------|--------------------|--|--------------|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 10-3-55 | 30 | (2) 108, 142 | 32 | 18 | 2543- 2560 142, 144 | 0 | 0 | 38 | 2311- 2334, 2336, 2349, | 0 | 0 | 0 | 0 | | | | | |
| 10-4-55 | 9 | (1) 150 | 10 | 20 | 235- 2561- 2580 | 40 | 2350- 2368, 2370- 2388 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 10-5-55 | 39 | (1) 152 | 40 | 39 | 197 2531- 2619 | 38 | 2389- 2400, 2402- 2626, | 40 | 2350- 2368, 2370- 2388 | 0 | 0 | 0 | 0 | | | | | |
| 10-6-55 | 39 | (3) 136, 153, 160 | 42 | 39 | 133 2620- 2658 158 | 39 | 2626, 129, 140, 2627- | 38 | 2389- 2426 129, 140 | 21 | 2071, 2073- 2077, 2084, 2150, 2153-2161 | 0 | 0 | | | | | |
| 10-7-55 | 39 | (1) 154 | 40 | 39 | 10annite 124 2659- 2697 | 39 | 131 2504, | 2 | 2465- 2466- 2467- | 1 | 126 | 0 | 0 | | | | | |

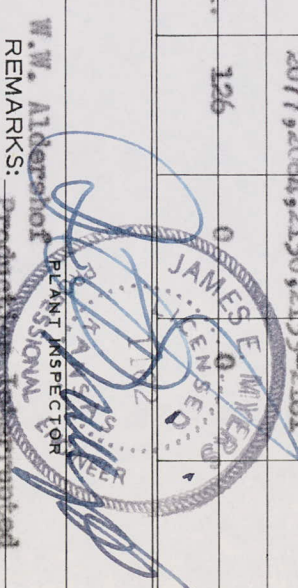
LINEAR FEET PIPE MADE THIS REPORT 2593
TOTAL FEET TO DATE 4,890

THEORETICAL BATCH WEIGHTS (DRY) Actual
TYPE 3 yard batched AMOUNT
FINE AGG: Delore 4110
COARSE AGG: Moline 3/4" 4950
CEMENT: Lehigh 2145
SPECIAL: Water 7 90 Gal.
ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
TAKEN: 10-6-55
HEAT NO.: 15-V-360-P.O.
WELD SAMPLES: P1, P2, P3, P4
REINFORCING MESH:
TAKEN: 10-6-55
DIAMETER: .106
SQ. IN./LIN. FT.: 28.24 x 12.24 strip
STRESS WIRE:
TAKEN: 10-5-55
DIAMETER: 1.046
TENSION: 3800 to 4200 Avg.

REMARKS: Production interrupted
10-3-55 Rain. Production limited
10-4-55 Rain.



W.W. Aldershot
PLANT INSPECTOR

2 Lock Joint Colwich
CC 2 Weller
1 Knoll
1 Hess

Project 2155
 LOCATION: 6" Water Transmission Lines
 ENGINEER/ARCHITECT Wichita
 CONTRACTOR Look Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 810011
 (REFER TO THIS NUMBER)
 DATE October 1, 1955
 BATCH PLANT Look Joint Pipe Co.
 WEATHER Partly Cloudy & Rain

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|-------------|--------------------|-------------|---------------|-------------|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 9-26-55 | 39 | 136,135 | A1 | 38 | 2388-2426 | 38 | 2201-2237 | 39 | 2165-2200 | 0 | 0 | 0 | 0 | |
| 9-27-55 | 60 | 131,133 | A2 | 39 | 2465 | 35 | 2272 | 38 | 2201-2237 | 0 | 0 | 0 | 0 | |
| 9-28-55 | 4 | 126,127 | (1) | 1 | 2466-2504 | 38 | 2273-2310 | 35 | 2238-2272 | 0 | 0 | 0 | 0 | |
| 9-29-55 | 38 | 141,143 | A0 | 39 | 2504 | 38 | 2310 | 35 | 2272-2310 | 0 | 0 | 0 | 0 | |
| 9-30-55 | 39 | 144 | (1) | 1 | 2504 | 38 | 2310 | 35 | 2272-2310 | 0 | 0 | 0 | 0 | |
| 10-1-55 | 108 | 108-109 | PROTECTOR DAY | 1 | 133-135 | 2 | 127-128 | 5 | 127-128 | 0 | 0 | 0 | 0 | |

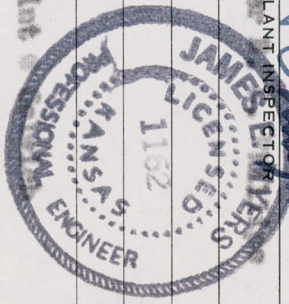
LINEAR FEET PIPE MADE THIS REPORT 2560
 TOTAL FEET TO DATE 42297

THEORETICAL BATCH WEIGHTS (DRY) Actual
 TYPE 3 yard batch AMOUNT
 FINE AGG: 10/20s Bros. A110
 COARSE AGG: Nothing 3/4" 1090
 CEMENT: 1 1/2 bags 2145
 SPECIAL: Water 7 90 Gal
 ADMIX:

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 9-27-55
 HEAT NO.: 12-7-399-2 0.
 WELD SAMPLES: 01,02,03,04
 REINFORCING MESH:
 TAKEN: 9-28-55
 DIAMETER: .105
 SQ. IN./LIN. FT.: 2820x12.5x12.5
 STRESS WIRE:
 TAKEN: 9-29-55
 DIAMETER: .1916
 TENSION: 2800 to 42 0 Avg.

REMARKS:
 W. W. Alderhof PLANT INSPECTOR



CC: 2 Look Joint

2 Keller
1 Hens



PROJECT: 60" Water Transmission 1140
 LOCATION: Colton, Kansas
 ENGINEER/ARCHITECT: Mack & Yeckel
 CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 809374
 (REFER TO THIS NUMBER)
 DATE: September 24, 1955
 BATCH PLANT: Lock Joint Pipe Co.
 WEATHER: Fair - Mild

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|-----------------------|-------------------------|-------------------|----------------|-----------------|---------------|-----------------------|--------------|--------------------|-----------------|---------------|--------------|---|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 9-20-55 | 39 | (1) 128 | 40 | 38 | 2273- 2310 | 38 | 90, 112 | 37 | 2085 110. | 38 | 2047 110. | 1952, 1913. | 0 | |
| 9-22-55 | 30 | 0 | 40 | 39 | 2311- 2349 | 38 | 214- 2161 | 38 | 2096 2123 | 40 | | 1978, 1980, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009. | 0 | |
| 9-22-55 | 30 | 0 | 30 | 17 | 198- 2366 | 0 | 0 | 38 | 112 214-2161 | 31 | | 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 100 | 0 | |
| 9-22-55 | 6 | (2) 129, 140 | 8 | 22 | 2367- 2398 | 39 | 216- 2200 | 0 | 0 | 0 | | 0 | | |
| Some production delay | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2535
 TOTAL FEET TO DATE 39737

THEORETICAL BATCH WEIGHTS (DRY) Actual

| TYPE | AMOUNT |
|--------------------------|---------|
| FINE AGG: Deluxe Procs. | 4110 |
| COARSE AGG: Rolling 3/4" | 4950 |
| CEMENT: High | 2145 |
| SPECIAL: Water | 790 Gal |
| ADMIX: | |


STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 9-20-55
 HEAT NO.: 12-11-398-2.0.
 WELD SAMPLES: B1, B2, B3, B4

REINFORCING MESH:
 TAKEN: 9-23-55
 DIAMETER: .106
 SQ. IN./LIN. FT.: 2" x 2" x 12" strip

STRESS WIRE:
 TAKEN: 9-23-55
 DIAMETER: .1946
 TENSION: 3800 to 4200 Avg.

REMARKS:
 Stopped pouring at 7:30 P.M.
 9-22-55. Checked - 9-23-55

PLANT INSPECTOR

 ENGINEER

CC: 2 Lock Joint Colton
 2 Weller
 1 Knoll
 1 Hens

FILE PAGE 1 OF 1

PROJECT: 66' Water Transmission Line
LOCATION: De Wsh, Kansas
ENGINEER/ARCHITECT: Baker & Young
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita LABORATORIES
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 80920
DATE September 17, 1955
BATCH PLANT Lock Joint Pipe Co.
WEATHER Fair-114-71dy

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|----------------------|-----------------------|-------------|--------------------|---|---------------|--|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 9-13-55 | 38 | 113, 121 | 40 | 38 | 2086-2123 98, 112 | 39 | 1893-1931 | 39 | 1842, 1851, 1852, 1853, 1854, 96, 97, 102 | 42 | 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000 | 0 | | |
| | | (2) | | | | | | | | 1 spec. | | | | |

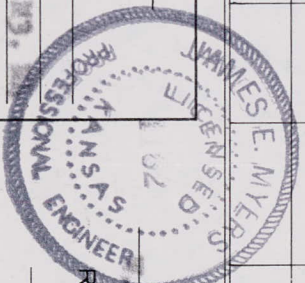
LINEAR FEET PIPE MADE THIS REPORT 3093
 TOTAL FEET TO DATE 37202
 THEORETICAL BATCH WEIGHTS (DRY)
 TYPE AMOUNT
 FINE AGG: Dolose 4116
 COARSE AGG: Kolline 4950
 CEMENT: Lehigh 2145
 SPECIAL: Water 1 90 GAL.
 ADMIX: None

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 9-13-55
 HEAT NO.: 72-5-157
 WELD SAMPLES: 11, 12, 13, 14

REINFORCING MESH:
 TAKEN: 9-13-55
 DIAMETER: .105
 SQ. IN./LIN. FT.: 2.92 x 12.00

STRESS WIRE:
 TAKEN: 9-13-55
 DIAMETER: .1946
 TENSION: 3000 to 4200 LB.



J. E. Myers
 PLANT INSPECTOR

REMARKS:
 2 Lock Joint & Col. 1/2
 1 Spec 11
 1 Spec 1

FILE PAGE 1 OF 1



100-100000-100000

PROJECT: 60' Water Transmission Line
 LOCATION: Colwell, Kansas
 ENGINEER/ARCHITECT: J. A. ...
 CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Michita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 10000
 (REFER TO THIS NUMBER)
 DATE: September 17, 1955
 BATCH PLANT: Look Joint Pipe Co.
 WEATHER: Air - Mild - Windy

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-----------------|--------------|-----------------------|------------|-------------|--------------------|-----------------|--|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 9-16-55 | 39 | 11A (1) | NO | 38 | 2125-2111, 2112 | 39 | 1970 | 39 | 1931 | 2893- | 52 | 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000 | | | | | | |
| 9-15-55 | 39 | 115, 124 (2) | NO | 39 | 2162-2280 | 39 | 1971- | 39 | 1970 | 1932- | 32 | 1982, 1984-1987, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000 | | | | | | |
| 9-16-55 | 37 | 116, 122, 126 (3) | NO | 37 | 2297-2299 | 39 | 2060 | 39 | 2009 | NO | NO | 1907, 1910, 1939, 1941, 1956, 1962, 1964-1972, 1974-1977, 1979, 1983, 19 5-1992 | | | | | | |
| 9-17-55 | | | | 1 | 2088, 1055 | | | | | 2 | 2001, 117, 119. | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3093
 TOTAL FEET TO DATE 37202

THEORETICAL BATCH WEIGHTS (DRY)
 TYPE AMOUNT
 FINE AGG: Dolom 4110
 COARSE AGG: Dolom 4950
 CEMENT: Lehigh 2145
 SPECIAL: Water 1 90 Gal
 ADMIX: 1000

STEEL TEST DATA

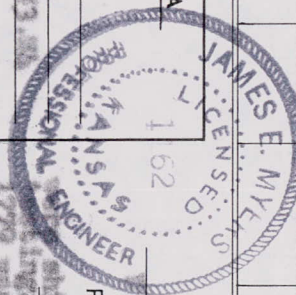
CYLINDER WELD SPECIMENS:
 TAKEN: 9-15-55
 HEAT NO.: 72-5-357
 WELD SAMPLES: 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 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, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

REINFORCING MESH:
 TAKEN: 9-16-55
 DIAMETER: .105
 SQ. IN./LIN. FT.: 2.82

STRESS WIRE:
 TAKEN: 9-15-55
 DIAMETER: .196
 TENSION: 3800 to 4000 lbs.

REMARKS: *D. J. Smith*
 Checked by pull to tension, R.F. for
 1971 and 1972 were general run pipe.
 1973-1975 - replaced by 17" pipe.
 1976-1978 - replaced by 17" pipe.
 1979-1980 - replaced by 17" pipe.
 1981-1982 - replaced by 17" pipe.
 1983-1984 - replaced by 17" pipe.
 1985-1986 - replaced by 17" pipe.
 1987-1988 - replaced by 17" pipe.
 1989-1990 - replaced by 17" pipe.
 1991-1992 - replaced by 17" pipe.
 1993-1994 - replaced by 17" pipe.
 1995-1996 - replaced by 17" pipe.
 1997-1998 - replaced by 17" pipe.
 1999-2000 - replaced by 17" pipe.

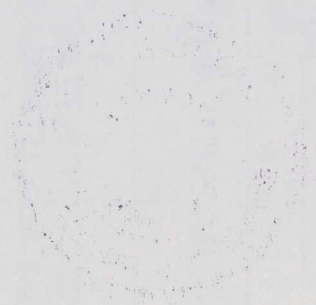
CC: 2 Look Joint & Colwell
 2 Keller
 1 Knoll
 1 Hess
 1



D. J. Smith
 PLANT INSPECTOR



[Faint, illegible handwritten text, possibly bleed-through from the reverse side of the page.]



[Faint, illegible handwritten text in the bottom right corner.]

PROJECT: 66" water transmission lines--Project #2155
 LOCATION: Colwich, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Lock Joint Pipe Company

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 809149
 (REFER TO THIS NUMBER)
 DATE: September 10, 1955
 BATCH PLANT: Lock Joint Pipe Co.
 WEATHER: Fair - 81%

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | |
|--------------------|--------------------------------|-------------------|----------------|-----------------|-------------|-----------------------------|---|------------|-------------|--------------------|-------------|--------------|---------------|--------|--|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | |
| 9-5-55 | Non Production Day - Labor Day | | | | | | | | | | | | | | | | |
| 9-6-55 | 39 | (1)103 | 40 | 39 | 1893-1931 | 37 | 1701-1737 | 39 | 1662-1700 | 42 | | | | | | | |
| | | | | 1-Spec. 92 | | 2-Specs. 88, 89, 1-Spec. 90 | | | | | | | | | | | |
| 9-7-55 | 41 | (1) 104 | 42 | 39 | 1932-1920 | 39 | 1738-1757 | 37 | 1701-1737 | 39 | | | | | | | |
| | | | | | | | 1761, 1762, 1763, 1773, 1775-1777, 1798-1803, 1808, 1813-1816, 1-Spec. 103 | | | | | | | | | | |
| | | | | | | | 1597, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1563, 1571, 1572, 1586-1597, 1599, 1600, 1602, 1605-1611, 1614, 1617, 1645, 1647, 1658. | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2560
 TOTAL FEET TO DATE 29109

THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | AMOUNT |
|-------------------|---------|
| Deloro Prod. Sand | 4110 |
| Koline 3/4" Stone | 4950 |
| Lehigh | 2145 |
| Water | 90 Gal. |
| None | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 8-9-55
 HEAT NO.: 72-8-357 P.O.
 WELD SAMPLES: 11, 12, 13, 14
 REINFORCING MESH:
 TAKEN: 9-8-55
 DIAMETER: .106
 SQ. IN./LIN. FT.: 2"x2"x12" strip
 STRESS WIRE:
 TAKEN: 9-8-55
 DIAMETER: .1948
 TENSION: 2800 to 4200 lbs.



REMARKS: Set out because of segregation of aggregates. Pipe cylinder will be stripped, cleaned, checked, retasted, and remoured at some future date using same serial No.

CC: 2-Block Joint
2-welder
1-Troll
1-Hess
 FILE 1 PAGE 1 OF 2

Project 2155

PLANT CHECK NO. 15

PROJECT: 66" Water Transmission Lines
 LOCATION: Colwich, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
 Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 809027
 (REFER TO THIS NUMBER)
 DATE: September 3, 1955
 BATCH PLANT: Lock Joint Pipe Co.
 WEATHER: Fair - High

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|---------------------|----------------|-----------------|-------------|-----------------------|------------------------|--------------------|-------------------------|---------------|--|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 8-29-55 | 35 | (3) 80, 89, 90 | 38 | 39 | 1701-1739 | 37 | 1511-1546 | 39 | 1472-1510 | 37 | 1216, 1333, 1334, 1341, 1342, 1348, 1349, 1386, 1388, 1392, 1394 | 0 | | |
| 8-30-55 | 40 | 0 | 40 | 38 | 1740-1777 | 37 | 1573-1585 1547-1572 | 36 | 1511-1546 | 41 | 1324, 1379, 1387, 1393, 1395, 1414, 1416-1418, 1420, 1423, 1419, 1434 | 0 | | |
| 8-31-55 | 38 | (2) 96, 100 | 40 | 39 | 1778-1816 | 39 | 1571-1572 1586-1622 | 37 | 1547-1570 1573-1585 | 35 | 1350, 1264, 1436, 1438, 1455, 1457, 1460, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1489, 1491, 1492, 1493, 1494, 1500, 1506, 1508, 1513 | 0 | | |
| 9-1-55 | 37 | (3) 97, 101, 102 | 40 | 38 | 1817-1854 | 39 | 1623-1661 | 39 | 1571, 1572 1586-1622 | 37 | 1296, 1415, 1416, 1458, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1489, 1491, 1492, 1493, 1494, 1500, 1506, 1508, 1513 | 0 | | |

LINEAR FEET PIPE MADE THIS REPORT: 3207
 TOTAL FEET TO DATE: 21599
 THEORETICAL BATCH WEIGHTS (DRY)
 TYPE: Doloss AMOUNT: 4110
 FINE AGG: 4110
 COARSE AGG: Koline 3/4" 4950
 CEMENT: Lehigh 2145
 SPECIAL: Water 90 Gal.
 ADMIX: None

STEEL TEST DATA
 CYLINDER WELD SPECIMENS:
 TAKEN: 8-29-55
 HEAT NO.: 03-Y-384
 WELD SAMPLES: K1, K2, K3, K4
 REINFORCING MESH:
 TAKEN: 9-2-55
 DIAMETER: .105
 SQ. IN./LIN. FT.: 2"x2"x12"
 STRESS WIRE:
 TAKEN: 9-1-55
 DIAMETER: .1947
 TENSION: 3800 to 4200

REMARKS: W. W. Albershof, PLANT INSPECTOR
 W. W. Albershof, 1015 S. 77th St.
 Were present at 6 days per approval
 of Mr. J. J. Knoll
 CC: 2-Block Joint & Colwich
 1-Knoll
 1-Hess
 FILE 1 PAGE 1 OF 2

PROJECT: 66" Water Transmission Lines
LOCATION: Colwich, Kansas
ENGINEER/ARCHITECT: Black & Veatch
CONTRACTOR: Lock Joint Pipe Co.

Project 2155
Wichita
CHEMICAL AND TESTING
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 89927
DATE September 3, 1955
BATCH PLANT Lock Joint Pipe Co.
WEATHER Fair - Mild

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|------------|--------------------|-------------|--|---------------|------------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | |
| 9-2-55 | 37 | 92 | 38 | 39 | 1855-1893 | 39 | 1662-1700 | 39 | 1623-1661 | 29 | 1479, 1480, 1482, 1485, 1489, 1490, 1511, 1520, 1524, 1526 | 0 | | | |
| 9-3-55 | Non-Production Day | | | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3207

TOTAL FEET TO DATE 31209

THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | AMOUNT |
|-------------------------|---------|
| FINE AGG: Dolose | 4110 |
| COARSE AGG: Kollme 3/4" | 4950 |
| CEMENT: Lehigh | 2145 |
| SPECIAL: Water | 90 Gal. |
| ADMIX: None | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____

HEAT NO.: _____

WELD SAMPLES: _____

REINFORCING MESH:

TAKEN: _____

DIAMETER: _____

SQ. IN./LIN. FT.: _____

STRESS WIRE:

TAKEN: _____

DIAMETER: _____

TENSION: _____

REMARKS: W. W. Alderhof per E. E. Phillips

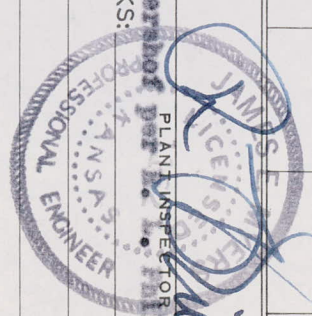
PLANT INSPECTOR

W. W. Alderhof

CC: 2-Block Joint
2-Weller
1-Knoll
1-Mess

FILE 1

PAGE 2 OF 2



PROJECT: 66" Water Transmission Lines
 LOCATION: Colony, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 10915
 (REFER TO THIS NUMBER)
 DATE August 27, 1955
 BATCH PLANT Look Joint Pipe
 WEATHER Fair - Hot

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|------------------------------|--------------|-----------------------------------|------------|--|--------------------|--|--------------|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| B-22-55 | 38 | (3) | 41 | 36 | 1511-1516 68,78, 80,82 | 38 | 1324-1361 58,62 | 39 | 1285-1323 1-Spool, 57 | 40 | 600,838, 904,935, 1023,1057 1129,1142 | 0 | | | | | | |
| B-23-55 | 37 | (3) | 40 | 39 | 1517-1585 85 | 36 | 1362-1395 59,60,61 64,70,72 | 38 | 1324-1361 2-Spool, 58,62 | 37 | 1098,1103 1168,1180, 1181,1183- 1198,1199 | 0 | | | | | | |
| B-24-55 | 39 | (2) | 42 | 37 | 1586-1622 77,79,86 | 37 | 1396-1418 1420-1433 | 36 | 1362-1395 6-Spool, 61,64, 65,74, 70,73. | 45 | 1194,1196, 1224,1225, 1210-1214, 1217-1221, 1223-1226, 1227,1248, 1265-1284. | 0 | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3218

TOTAL FEET TO DATE 28342

THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | AMOUNT |
|--------------------------|---------|
| FINE AGG: Dolores Sand | 4110 |
| COARSE AGG: Kolimo Stone | 6950 |
| CEMENT: Lobligh | 2145 |
| SPECIAL: Water | 90 Gal. |
| ADMIX: None | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 6-22-55

HEAT NO.: 03-E-200-70

WELD SAMPLES: 21,22,23,24

REINFORCING MESH:

TAKEN: 6-25-55

DIAMETER: 106

SQ. IN./LIN. FT.: 2 1/2" x 12" Strip

STRESS WIRE:

TAKEN: 6-26-55

DIAMETER: .1918

TENSION: 3900 to 4200 Avg.

REMARKS:

[Signature]

PLANT INSPECTOR

[Signature]

Lead Inspector 22-August-1955, 80676 was prestressed at 6 days - Per approval of J. J. Krall.

CC: *[Signature]*

2-look Joint
 2-roller
 1-roller
 1-roller

FILE 1 PAGE 1 OF 2





PROJECT: 66" Water Transmission Lines-704
LOCATION: Colton, Kansas
ENGINEER/ARCHITECT: Blaker & Veach
CONTRACTOR: Lock Joint Pipe Co.

Wichita
CHEMICAL AND TESTING
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 00415
DATE August 27, 1955
BATCH PLANT Lock Joint Pipe Co.
WEATHER Fair - Hot

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|---------------------|--------------|-----------------------|------------|---------------------|--------------------|---|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 8-25-55 | 39 | (2) 95 | 10 | 39 | 1623-1661 07 | 39 | 1436-1471 66 | 37 | 1396-1418 1426-1428 | 37 | 1307-1309 1325, 1326, 1327, 1328, 1305 | 0 | | | | |
| | | | | | 1-Spool. 07 | | 1-Spool. 66 | | 2-Spool. 65, 74, 76 | | 1306, 1308, 1313-1323 | | | | | |
| 8-26-55 | 10 | (2) 90 | 11 | 39 | 1662-1700 95 | 39 | 1472-1510 67 | 39 | 1434-1471 66 | 39 | 1304, 1307, 1309, 1312, 1327-1332, 1325, 1327, 1328, 1348, 1350-1361. | 0 | | | | |
| | | | | | 1-Spool. 95 | | 1-Spool. 67 | | 1-Spool. 66 | | | | | | | |
| 8-27-55 | 0 | (2) 72 | 2 | | None-Production Day | | | | | 0 | 0 | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 3248
 TOTAL FEET TO DATE 20362

THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | AMOUNT |
|--------------------------|-----------|
| FINE AGG: Dolomite Sand | 1110 |
| COARSE AGG: Moline Stone | 1950 |
| CEMENT: Lehigh | 2145 |
| SPECIAL: Water | 2 90 Gal. |
| ADMIK: None | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____
 HEAT NO.: _____
 WELD SAMPLES: _____
 REINFORCING MESH: _____

TAKEN: _____
 DIAMETER: _____
 SQ. IN./LIN. FT.: _____
 STRESS WIRE: _____
 TAKEN: _____
 DIAMETER: _____
 TENSION: _____

REMARKS: J. E. MILLER, INSPECTOR
 Control Machine Installed in the
 Batch Plant.

CC: J-Lock Joint
 2-Keller
 1-Kroll
 1-Loss

FILE 1 PAGE 2 OF 2





Project 2155
 LOCATION: Colerich, Kansas
 ENGINEER/ARCHITECT: Brad A. Ventch
 CONTRACTOR: Lock Joint Pipe Co.

Wichita
 AND
 Laboratorics
 CHEMICAL AND TESTING
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 808210
 (REFER TO THIS NUMBER)
 DATE August 20, 1955
 BATCH PLANT Lock Joint Pipe Co.
 WEATHER Fair - Hot

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-----------------------------|----------------|-----------------|-------------|--------------|--|------------|--|-------------|---|--------------|---------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 8-15-55 | 96 | (1) 61 | 95 | 98 | 1326-1361 | 96 | 1141-1144 1146-1148 1149, 1151 1167, 1169 1179, 1182 | 97 | 1091-1096 1104, 1105 1107, 1108 1110-1120 1135, 1150 1157 | 97 | 925, 929 941, 945 947-950 954, 956 957, 973 980, 987 990-1002 1013-1015 1019-1022 1024 | 0 | | |
| 8-16-55 | 95 | (5) 65, 66, 70 73, 74 | NO | 98 | 1362-1395 | 93 | 1166, 1185 1186-1197 1212-1221 1226 | NO | 1131-1134 1136-1149 1152-1167 1169-1179 1182 | 98 | 980, 978 981, 1002 1012, 1016 1018, 1025 1036, 1038 1042, 1072 1073, 1074 | 0 | | |

LINEAR FEET PIPE MADE THIS REPORT 3015
 TOTAL FEET TO DATE 25097

THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | QTY | AMOUNT | COEFFICIENT |
|-------------|--------------------------|---------|-------------|
| FINE AGG: | Dolosa Sand | 1150 | 1.560 |
| COARSE AGG: | Wolline 3/4" x 3/8" 1000 | 4300 | |
| CEMENT: | Lehigh | 2145 | 2.256 |
| SPECIAL: | Water 7 | 90 Gal. | 7.90 Gal. |
| ADMIX: | Reno | | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 8-16-55
 HEAT NO.: 72-8-359 P.O.
 WELD SAMPLES: 11-2-2-1

REINFORCING MESH:
 TAKEN: 8-18-55
 DIAMETER: .106
 SQ. IN./LIN. FT.: 2" x 2" x 12" Strip

STRESS WIRE:
 TAKEN: 8-17-55
 DIAMETER: .1961
 TENSION: 4000 to 4200 Avg.



REMARKS: PLANT INSPECTOR
 J. Miller

CC: 2-Track Joint
 2-Follow
 1-Kimball
 1-Boone

FILE 1 OF 2

PROJECT: 66" Water Transmission Line
 LOCATION: Colch, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Lock Joint Pipe Company

Project 2155
Wichita
 CHEMICAL AND TESTING
Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 000197
 (REFER TO THIS NUMBER)
 DATE: 13 August 1955
 BATCH PLANT: Lock Joint Pipe Co.
 WEATHER: Fair - Hot

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|---------------------------------------|------------|--|--------------------|---|--------------|---------------|--------|--|---------------|--|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | |
| 8-8-55 | 39 | 53 (1) | 10 | 39 | 1188-1206 | 10 | 979-996-1024 | 39 | 979, 911, 915, 917, 950, 953, 977, 985, 986, 988, 989. | 38 | 800-826, 828, 829, 845, 849, 851, 852, 855, 897, 861, 866, 867. | 0 | | | | | | |
| 8-9-55 | 5 | 0 | 5 | 0 | | 0 | | 0 | | 0 | 833, 840, 852, 854, 856, 860, 863, 871, 890, 894, 896, 897, 899, 901, 905, 906, 907, 908, 909, 913, 915, 945, 970, 972, 973, 975, 979, 981, 989, 995, 997, 96, 99, 10 | 0 | | | | | | |
| 8-10-55 | 33 | 50 (1) | 34 | 20 | 1227-1206 | 39 | 1035-1044, 1052-1073, 1097, 1103, 109 | 30 | 978-981, 987, 990-1024 | 30 | 868, 870, 872, 873, 875-879, 881-889, 895, 897, 96, 99, 10 | 0 | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT: 2210
 TOTAL FEET TO DATE: 27782

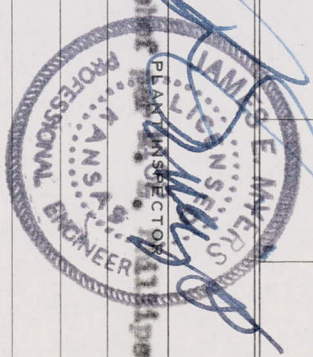
THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | CORE | AMOUNT COATED |
|-------------|---------|---------------|
| FINE AGG: | 1250 | 1560 |
| COARSE AGG: | 1200 | 1390 |
| CEMENT: | 2145 | 2256 |
| SPECIAL: | 90 0.1. | 90 0.1. |
| ADMIK: | None | None |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: None
 HEAT NO.: Taken
 WELD SAMPLES: Taken
 REINFORCING MESH:
 TAKEN: 8-12-55
 DIAMETER: .105
 SQ. IN./LIN. FT.: 2" x 2" x 12"
 STRESS WIRE:
 TAKEN: 8-12-55
 DIAMETER: .1938
 TENSION: 3900 to 4200

REMARKS:
 W. H. Anderson, PEAK INSPECTOR
 W. H. Anderson, PEAK INSPECTOR
 CC: 2-Keller
 1-Kroll
 1-Flans
 FILED 1
 PAGE 1 OF 2



PROJECT: 66" Water Transmission Main
 LOCATION: Colony, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Lock Joint Pipe Co.

PLANT CHECK NO. 12
 CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 809137
 (REFER TO THIS NUMBER)
 DATE 12 August 1955
 BATCH PLANT Lock Joint Pipe Co.
 WEATHER Fair - Hot

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|------------------------|----------------|-----------------|-------------|-----------------------|-------------|--------------------|-------------|---------------|-------------|-------------------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 8-11-55 | 39 | 57 (1) | 40 | 38 | 1267-1284 | 39 | 1050, 1051 | 39 | 1076, 1076 | 1075-1074 | 28 | 613, 575 | | |
| | | | | 1-Spool. | No. 54 | | 1098-1102 | | 1109-1102 | 1071, 1072 | | 617, 578 | | |
| | | | | | | | 1110, 1111 | | 1135 | 1073, 1077 | | 616, 565 | | |
| | | | | | | 1-Spool. | No. 49 | | | 603 | | 614, 562 | | |
| | | | | | | | | | | 603, 596 | | 602, 595 | | |
| | | | | | | | | | | 602, 595 | | 615, 596 | | |
| | | | | | | | | | | 601, 591 | | 601, 591 | | |
| | | | | | | | | | | 603, 594 | | 603, 594 | | |
| 8-12-55 | 0 | 60 (1) | 1 | 39 | 1285-1323 | 37 | 1112-1114 | 39 | 1136-1140 | 1045-1051 | 30 | 904, 901 | | |
| | | | | | | | 1145-1150 | | 1151-1147 | 1070, 1071 | | 903, 904 | | |
| | | | | | | | 1151-1147 | | | 1093, 1099 | | 910-920 | | |
| | | | | | | | 3-Spools | 44, 50, 51 | 1-Spool. | 1109, 1106 | | 923, 927 | | |
| | | | | | | | | | | 1109 | | 925-933 | | |
| | | | | | | | | | | 1109 | | 927, 938, 951, 952, 970 | | |
| | | | | | | | | | | 1109 | | 974, 975, 977, 996 | | |
| 8-13-55 | 0 | 55, 56, 58, 59, 61, 62 | 6 | 0 | | 0 | 0 | 0 | 0 | 0 | 30 | 921, 922 | | |
| | | | | | | | | | | | | 924, 926 | | |
| | | | | | | | | | | | | 923, 924, 925 | | |
| | | | | | | | | | | | | 964, 965 | | |
| | | | | | | | | | | | | 976, 982 | | |

LINEAR FEET PIPE MADE THIS REPORT 2260
 TOTAL FEET TO DATE 21782

THEORETICAL BATCH WEIGHTS (DRY)

| | TYPE | AMOUNT | QUANTITY |
|-------------|---------------------------|----------------|----------------|
| FINE AGG: | <u>Galena Sand</u> | <u>4150</u> | <u>4567</u> |
| COARSE AGG: | <u>Rolling 3/4" or 1"</u> | <u>4800</u> | <u>4380</u> |
| CEMENT: | <u>Leitch</u> | <u>2125</u> | <u>2296</u> |
| SPECIAL: | <u>Water</u> | <u>90 Gal.</u> | <u>90 Gal.</u> |
| ADMIX: | <u>None</u> | | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: _____
 HEAT NO.: _____
 WELD SAMPLES: _____
 REINFORCING MESH:
 TAKEN: _____
 DIAMETER: _____
 SQ. IN./LIN. FT.: _____
 STRESS WIRE:
 TAKEN: _____
 DIAMETER: _____
 TENSION: _____

REMARKS:

James H. ...
 JAMES H. ...
 REGISTERED PROFESSIONAL ENGINEER
 ANSAS

CC: 2-Block Joint
2-Steel
1-Kucill
1-Hess

FILE 1 PAGE 2 OF 2



Project 2155

PLANT CHECK NO. 11

PROJECT: 6th Water Transmission Lines

CHEMICAL AND TESTING

LOCATION: Colony, Kansas

Michita Laboratories

ENGINEER/ARCHITECT Dick & Vetch

CONTRACTOR Lock Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 108092
(REFER TO THIS NUMBER)
DATE August 6, 1955
BATCH PLANT Lock Joint Pipe
WEATHER Fair - Hot

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-----------------|--------------|--|------------|---|--------------------|--|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 8-1-55 | 39 | (1) No. 13 | 40 | 39 | 1096-1094 | 25 | 806-826 829, 829 | 39 | 718, 751 759, 761 764, 766 769 | 39 | 233, 279 289, 321 | 0 | | | | |
| | | | | | (1) On-site #26 | 1-3-pool. | 738 | | 1-3-pool. 731 | | 625, 626 630, 631 673, 675 681, 686 709, 721 722, 724 682, 685 487, 491 | 0 | | | | |
| 8-2-55 | 39 | (1) No. 19 | 40 | 39 | 1094-1073 | 44 | 827, 830 812, 814 846-874 | 39 | 829, 829 827, 830 812, 812 857, 860 874 | 32 | 694, 708 710, 715 717, 718 | 0 | | | | |
| | | | | | 1-3-pool. | 40 | 813, 845 875, 893 895, 906 908, 909 911, 915 | 39 | 827, 830 812, 812 857, 860 874 | 33 | 574, 692 692, 719 720, 724 736, 742 747, 749 750, 753 757, 778 760, 762 763, 765 | 0 | | | | |

LINEAR FEET PIPE MADE THIS REPORT 7164

TOTAL FEET TO DATE 19542

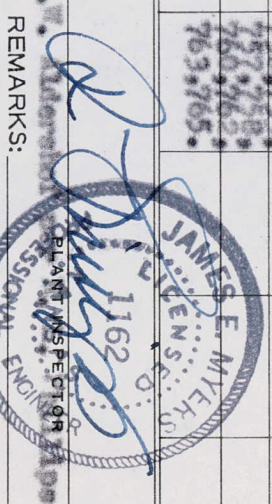
THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | AMOUNT |
|---------------------------------|---------|
| FINE AGG: Dolomitic | 1150 |
| COARSE AGG: Machine 3/16 to 1/2 | 1280 |
| CEMENT: Kellogg 2145 | 2056 |
| SPECIAL: Water / 7 | 90 Gal. |
| ADMIX: Bone | 7 |
| | 90 Gal. |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 8-1-55
HEAT NO.: 72-5-257-P.O.
WELD SAMPLES: 01, 02, 03, 04
REINFORCING MESH:
TAKEN: 8-2-55
DIAMETER: .106
SQ. IN./LIN. FT.: 2.927 sq. in.
STRESS WIRE:
TAKEN: 8-1-55
DIAMETER: .1942
TENSION: 3900 to 4200



REMARKS:

CC: 2- Lock Joint
2- Keller

CONCRETE PIPE PLANT
BUILDING
C. E. M. S. I.
FLYNT
RECORDING
MAY 1911

| NO. | DATE | DESCRIPTION | AMOUNT | TOTAL |
|-----|------|-------------|--------|-------|
| 1 | 1911 | | | |
| 2 | 1911 | | | |
| 3 | 1911 | | | |
| 4 | 1911 | | | |
| 5 | 1911 | | | |
| 6 | 1911 | | | |
| 7 | 1911 | | | |
| 8 | 1911 | | | |
| 9 | 1911 | | | |
| 10 | 1911 | | | |
| 11 | 1911 | | | |
| 12 | 1911 | | | |
| 13 | 1911 | | | |
| 14 | 1911 | | | |
| 15 | 1911 | | | |
| 16 | 1911 | | | |
| 17 | 1911 | | | |
| 18 | 1911 | | | |
| 19 | 1911 | | | |
| 20 | 1911 | | | |
| 21 | 1911 | | | |
| 22 | 1911 | | | |
| 23 | 1911 | | | |
| 24 | 1911 | | | |
| 25 | 1911 | | | |
| 26 | 1911 | | | |
| 27 | 1911 | | | |
| 28 | 1911 | | | |
| 29 | 1911 | | | |
| 30 | 1911 | | | |
| 31 | 1911 | | | |
| 32 | 1911 | | | |
| 33 | 1911 | | | |
| 34 | 1911 | | | |
| 35 | 1911 | | | |
| 36 | 1911 | | | |
| 37 | 1911 | | | |
| 38 | 1911 | | | |
| 39 | 1911 | | | |
| 40 | 1911 | | | |
| 41 | 1911 | | | |
| 42 | 1911 | | | |
| 43 | 1911 | | | |
| 44 | 1911 | | | |
| 45 | 1911 | | | |
| 46 | 1911 | | | |
| 47 | 1911 | | | |
| 48 | 1911 | | | |
| 49 | 1911 | | | |
| 50 | 1911 | | | |
| 51 | 1911 | | | |
| 52 | 1911 | | | |
| 53 | 1911 | | | |
| 54 | 1911 | | | |
| 55 | 1911 | | | |
| 56 | 1911 | | | |
| 57 | 1911 | | | |
| 58 | 1911 | | | |
| 59 | 1911 | | | |
| 60 | 1911 | | | |
| 61 | 1911 | | | |
| 62 | 1911 | | | |
| 63 | 1911 | | | |
| 64 | 1911 | | | |
| 65 | 1911 | | | |
| 66 | 1911 | | | |
| 67 | 1911 | | | |
| 68 | 1911 | | | |
| 69 | 1911 | | | |
| 70 | 1911 | | | |
| 71 | 1911 | | | |
| 72 | 1911 | | | |
| 73 | 1911 | | | |
| 74 | 1911 | | | |
| 75 | 1911 | | | |
| 76 | 1911 | | | |
| 77 | 1911 | | | |
| 78 | 1911 | | | |
| 79 | 1911 | | | |
| 80 | 1911 | | | |
| 81 | 1911 | | | |
| 82 | 1911 | | | |
| 83 | 1911 | | | |
| 84 | 1911 | | | |
| 85 | 1911 | | | |
| 86 | 1911 | | | |
| 87 | 1911 | | | |
| 88 | 1911 | | | |
| 89 | 1911 | | | |
| 90 | 1911 | | | |
| 91 | 1911 | | | |
| 92 | 1911 | | | |
| 93 | 1911 | | | |
| 94 | 1911 | | | |
| 95 | 1911 | | | |
| 96 | 1911 | | | |
| 97 | 1911 | | | |
| 98 | 1911 | | | |
| 99 | 1911 | | | |
| 100 | 1911 | | | |



PLANT CHECK NO. 11

PROJECT: 66" Water Transmission Lines

LOCATION: Colwell, Kansas

ENGINEER/ARCHITECT: Mack & Vontch

CONTRACTOR: Lock Joint Pipe Co.

Wichita Laboratories

CHEMICAL AND TESTING CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 001092
(REFER TO THIS NUMBER)

DATE August 6, 1955

BATCH PLANT Lock Joint Pipe

WEATHER Refr - 104

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|--------------------|----------------|-----------------|-------------|-----------------------|-----------------------------|--------------------|--|---------------|--|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 8-6-55 | 38 | (2) 52-14 | 10 | 38 | 1112-1119 | 13 | 904, 910, 915-951, 958, 957 | 39 | 813-817, 858, 899, 875-895, 901-904, 909 | 27 | 601, 716, 727-731, 752, 755, 772, 773, 775, 776, 778, 779, 781, 782, 792-799 | | | |
| 8-5-55 | 39 | 52 (1) | 10 | 38 | 1150-1157 | 39 | 853, 935, 938-978, 980-995 | 39 | 894, 901, 903, 910, 938, 940, 942-944, 946, 951, 952 | 32 | 450, 499, 500, 520, 574, 748, 751, 761, 764, 766, 767, 769, 771, 774, 777, 780, 782, 792, 797, 801, 832, 850, 889, 890, 920, 922 | | | |
| 8-6-55 | | Non-Production Day | | | | | | | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 764

TOTAL FEET TO DATE 1952

THEORETICAL BATCH WEIGHTS (DRY)

| | TYPE | QTY | AMOUNT |
|-------------|------------------|------|---------|
| FINE AGG: | Delano Sand | 1150 | 1560 |
| COARSE AGG: | Melling 3/16-3/8 | 1300 | 1300 |
| CEMENT: | Lehigh | 2115 | 2296 |
| SPECIAL: | Water | 7 | 90 Gal. |
| ADMIX: | None | | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 0-1-55
 HEAT NO.: 72-8-357-2.0
 WELD SAMPLES:
 REINFORCING MESH: None
 TAKEN:
 DIAMETER:
 SQ. IN./LIN. FT.:
 STRESS WIRE:
 TAKEN:
 DIAMETER:
 TENSION:

REMARKS:

7. J. Anderson
 PLANT INSPECTOR


CC: 2-Block Joint

2-Keller

1-Knoell
1-News

PROJECT: 66" Water Transmission Lines
LOCATION: Wichita, Kansas
ENGINEER/ARCHITECT: Block & Veitch
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 000008
(REFER TO THIS NUMBER)
DATE: July 30, 1955
BATCH PLANT: Lock Joint Pipe
WEATHER: Partly

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|------------|--|--------------------|--|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 7-25-55 | 39 | (1) 39 | 10 | 39 | 601-612 | 35 | 611-620-653 | 30 | 558, 576, 599, 603, 605, 607, 608, 610, 613, 615, 618, 619 | 39 | 662, 667, 670, 671, 672, 673, 674, 675, 679, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000 | 0 | | | | |
| 7-26-55 | 39 | (1) 10 | 10 | 38 | 812-820 | 37 | 651-690 | 39 | 600, 606, 609, 614, 620-653, 736 | 33 | | 0 | | | | |
| 7-27-55 | 39 | (1) 10 | 10 | 38 | 891-918 | 37 | 691-727 | 29 | 651-681, 686, 695 | 23 | | 0 | | | | |

LINEAR FEET PIPE MADE THIS REPORT: 3158
 TOTAL FEET TO DATE: 16378
 THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | AMOUNT |
|-------------------|---------|
| Dolomite Sand | 1560 |
| Collins 3/8 & 3/8 | 1530 |
| Collins 2 1/8 | 2256 |
| Water | 90 Gal. |
| Keene | 90 Gal. |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 7-26-55
 HEAT NO.: 60-0-114 P.O.
 WELD SAMPLES: P1, P2, P3, P4

REINFORCING MESH:
 TAKEN: 7-28-55
 DIAMETER: .105 2" x 2' x 20'

STRESS WIRE:
 TAKEN: 7-29-55
 DIAMETER: .1910
 TENSION: 1000 to 1200

REMARKS:
 JAMES E. MYERS
 INSPECTOR
 PROFESSIONAL ENGINEER
 No. 1162

CC: Lock Joint Pipe
2-10-10
1-Kroll
1-Ross

FILE PAGE 1 OF 2

SPRINT CHECK NO. 7

Michigan
CHEMICAL
Kalamazoo

2-10-1919



PLANT CHECK NO. _____

PROJECT: 60" Water Transmission Line
LOCATION: Golden, Kansas

CHEMICAL AND TESTING
Michita Laboratories

LAB. NO. 007333
(REFER TO THIS NUMBER)

DATE July 29, 1955

ENGINEER/ARCHITECT Blair & Voths

CONCRETE PIPE PLANT INSPECTION LOG

BATCH PLANT Look Joint Pipe Co.

CONTRACTOR Look Joint Pipe Co.

WEATHER Fair - Hot

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|--|--------------------|-------------|---------------|-------------|---------------|------------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. |
| 7-20-55 | 39 | (1) 597 | 40 | 7 | 691-927 | 39 | 517-527 518-519 519-520 520-521 521-522 522-523 523-524 524-525 525-526 526-527 527-528 528-529 529-530 530-531 531-532 532-533 533-534 534-535 535-536 536-537 537-538 538-539 539-540 540-541 541-542 542-543 543-544 544-545 545-546 546-547 547-548 548-549 549-550 550-551 551-552 552-553 553-554 554-555 555-556 556-557 557-558 558-559 559-560 560-561 561-562 562-563 563-564 564-565 565-566 566-567 567-568 568-569 569-570 570-571 571-572 572-573 573-574 574-575 575-576 576-577 577-578 578-579 579-580 580-581 581-582 582-583 583-584 584-585 585-586 586-587 587-588 588-589 589-590 590-591 591-592 592-593 593-594 594-595 595-596 596-597 597-598 598-599 599-600 600-601 601-602 602-603 603-604 604-605 605-606 606-607 607-608 608-609 609-610 610-611 611-612 612-613 613-614 614-615 615-616 616-617 617-618 618-619 619-620 620-621 621-622 622-623 623-624 624-625 625-626 626-627 627-628 628-629 629-630 630-631 631-632 632-633 633-634 634-635 635-636 636-637 637-638 638-639 639-640 640-641 641-642 642-643 643-644 644-645 645-646 646-647 647-648 648-649 649-650 650-651 651-652 652-653 653-654 654-655 655-656 656-657 657-658 658-659 659-660 660-661 661-662 662-663 663-664 664-665 665-666 666-667 667-668 668-669 669-670 670-671 671-672 672-673 673-674 674-675 675-676 676-677 677-678 678-679 679-680 680-681 681-682 682-683 683-684 684-685 685-686 686-687 687-688 688-689 689-690 690-691 691-692 692-693 693-694 694-695 695-696 696-697 697-698 698-699 699-700 700-701 701-702 702-703 703-704 704-705 705-706 706-707 707-708 708-709 709-710 710-711 711-712 712-713 713-714 714-715 715-716 716-717 717-718 718-719 719-720 720-721 721-722 722-723 723-724 724-725 725-726 726-727 727-728 728-729 729-730 730-731 731-732 732-733 733-734 734-735 735-736 736-737 737-738 738-739 739-740 740-741 741-742 742-743 743-744 744-745 745-746 746-747 747-748 748-749 749-750 750-751 751-752 752-753 753-754 754-755 755-756 756-757 757-758 758-759 759-760 760-761 761-762 762-763 763-764 764-765 765-766 766-767 767-768 768-769 769-770 770-771 771-772 772-773 773-774 774-775 775-776 776-777 777-778 778-779 779-780 780-781 781-782 782-783 783-784 784-785 785-786 786-787 787-788 788-789 789-790 790-791 791-792 792-793 793-794 794-795 795-796 796-797 797-798 798-799 799-800 800-801 801-802 802-803 803-804 804-805 805-806 806-807 807-808 808-809 809-810 810-811 811-812 812-813 813-814 814-815 815-816 816-817 817-818 818-819 819-820 820-821 821-822 822-823 823-824 824-825 825-826 826-827 827-828 828-829 829-830 830-831 831-832 832-833 833-834 834-835 835-836 836-837 837-838 838-839 839-840 840-841 841-842 842-843 843-844 844-845 845-846 846-847 847-848 848-849 849-850 850-851 851-852 852-853 853-854 854-855 855-856 856-857 857-858 858-859 859-860 860-861 861-862 862-863 863-864 864-865 865-866 866-867 867-868 868-869 869-870 870-871 871-872 872-873 873-874 874-875 875-876 876-877 877-878 878-879 879-880 880-881 881-882 882-883 883-884 884-885 885-886 886-887 887-888 888-889 889-890 890-891 891-892 892-893 893-894 894-895 895-896 896-897 897-898 898-899 899-900 900-901 901-902 902-903 903-904 904-905 905-906 906-907 907-908 908-909 909-910 910-911 911-912 912-913 913-914 914-915 915-916 916-917 917-918 918-919 919-920 920-921 921-922 922-923 923-924 924-925 925-926 926-927 927-928 928-929 929-930 930-931 931-932 932-933 933-934 934-935 935-936 936-937 937-938 938-939 939-940 940-941 941-942 942-943 943-944 944-945 945-946 946-947 947-948 948-949 949-950 950-951 951-952 952-953 953-954 954-955 955-956 956-957 957-958 958-959 959-960 960-961 961-962 962-963 963-964 964-965 965-966 966-967 967-968 968-969 969-970 970-971 971-972 972-973 973-974 974-975 975-976 976-977 977-978 978-979 979-980 980-981 981-982 982-983 983-984 984-985 985-986 986-987 987-988 988-989 989-990 990-991 991-992 992-993 993-994 994-995 995-996 996-997 997-998 998-999 999-1000 1000-1001 1001-1002 1002-1003 1003-1004 1004-1005 1005-1006 1006-1007 1007-1008 1008-1009 1009-1010 1010-1011 1011-1012 1012-1013 1013-1014 1014-1015 1015-1016 1016-1017 1017-1018 1018-1019 1019-1020 1020-1021 1021-1022 1022-1023 1023-1024 1024-1025 1025-1026 1026-1027 1027-1028 1028-1029 1029-1030 1030-1031 1031-1032 1032-1033 1033-1034 1034-1035 1035-1036 1036-1037 1037-1038 1038-1039 1039-1040 1040-1041 1041-1042 1042-1043 1043-1044 1044-1045 1045-1046 1046-1047 1047-1048 1048-1049 1049-1050 1050-1051 1051-1052 1052-1053 1053-1054 1054-1055 1055-1056 1056-1057 1057-1058 1058-1059 1059-1060 1060-1061 1061-1062 1062-1063 1063-1064 1064-1065 1065-1066 1066-1067 1067-1068 1068-1069 1069-1070 1070-1071 1071-1072 1072-1073 1073-1074 1074-1075 1075-1076 1076-1077 1077-1078 1078-1079 1079-1080 1080-1081 1081-1082 1082-1083 1083-1084 1084-1085 1085-1086 1086-1087 1087-1088 1088-1089 1089-1090 1090-1091 1091-1092 1092-1093 1093-1094 1094-1095 1095-1096 1096-1097 1097-1098 1098-1099 1099-1100 1100-1101 1101-1102 1102-1103 1103-1104 1104-1105 1105-1106 1106-1107 1107-1108 1108-1109 1109-1110 1110-1111 1111-1112 1112-1113 1113-1114 1114-1115 1115-1116 1116-1117 1117-1118 1118-1119 1119-1120 1120-1121 1121-1122 1122-1123 1123-1124 1124-1125 1125-1126 1126-1127 1127-1128 1128-1129 1129-1130 1130-1131 1131-1132 1132-1133 1133-1134 1134-1135 1135-1136 1136-1137 1137-1138 1138-1139 1139-1140 1140-1141 1141-1142 1142-1143 1143-1144 1144-1145 1145-1146 1146-1147 1147-1148 1148-1149 1149-1150 1150-1151 1151-1152 1152-1153 1153-1154 1154-1155 1155-1156 1156-1157 1157-1158 1158-1159 1159-1160 1160-1161 1161-1162 1162-1163 1163-1164 1164-1165 1165-1166 1166-1167 1167-1168 1168-1169 1169-1170 1170-1171 1171-1172 1172-1173 1173-1174 1174-1175 1175-1176 1176-1177 1177-1178 1178-1179 1179-1180 1180-1181 1181-1182 1182-1183 1183-1184 1184-1185 1185-1186 1186-1187 1187-1188 1188-1189 1189-1190 1190-1191 1191-1192 1192-1193 1193-1194 1194-1195 1195-1196 1196-1197 1197-1198 1198-1199 1199-1200 1200-1201 1201-1202 1202-1203 1203-1204 1204-1205 1205-1206 1206-1207 1207-1208 1208-1209 1209-1210 1210-1211 1211-1212 1212-1213 1213-1214 1214-1215 1215-1216 1216-1217 1217-1218 1218-1219 1219-1220 1220-1221 1221-1222 1222-1223 1223-1224 1224-1225 1225-1226 1226-1227 1227-1228 1228-1229 1229-1230 1230-1231 1231-1232 1232-1233 1233-1234 1234-1235 1235-1236 1236-1237 1237-1238 1238-1239 1239-1240 1240-1241 1241-1242 1242-1243 1243-1244 1244-1245 1245-1246 1246-1247 1247-1248 1248-1249 1249-1250 1250-1251 1251-1252 1252-1253 1253-1254 1254-1255 1255-1256 1256-1257 1257-1258 1258-1259 1259-1260 1260-1261 1261-1262 1262-1263 1263-1264 1264-1265 1265-1266 1266-1267 1267-1268 1268-1269 1269-1270 1270-1271 1271-1272 1272-1273 1273-1274 1274-1275 1275-1276 1276-1277 1277-1278 1278-1279 1279-1280 1280-1281 1281-1282 1282-1283 1283-1284 1284-1285 1285-1286 1286-1287 1287-1288 1288-1289 1289-1290 1290-1291 1291-1292 1292-1293 1293-1294 1294-1295 1295-1296 1296-1297 1297-1298 1298-1299 1299-1300 1300-1301 1301-1302 1302-1303 1303-1304 1304-1305 1305-1306 1306-1307 1307-1308 1308-1309 1309-1310 1310-1311 1311-1312 1312-1313 1313-1314 1314-1315 1315-1316 1316-1317 1317-1318 1318-1319 1319-1320 1320-1321 1321-1322 1322-1323 1323-1324 1324-1325 1325-1326 1326-1327 1327-1328 1328-1329 1329-1330 1330-1331 1331-1332 1332-1333 1333-1334 1334-1335 1335-1336 1336-1337 1337-1338 1338-1339 1339-1340 1340-1341 1341-1342 1342-1343 1343-1344 1344-1345 1345-1346 1346-1347 1347-1348 1348-1349 1349-1350 1350-1351 1351-1352 1352-1353 1353-1354 1354-1355 1355-1356 1356-1357 1357-1358 1358-1359 1359-1360 1360-1361 1361-1362 1362-1363 1363-1364 1364-1365 1365-1366 1366-1367 1367-1368 1368-1369 1369-1370 1370-1371 1371-1372 1372-1373 1373-1374 1374-1375 1375-1376 1376-1377 1377-1378 1378-1379 1379-1380 1380-1381 1381-1382 1382-1383 1383-1384 1384-1385 1385-1386 1386-1387 1387-1388 1388-1389 1389-1390 1390-1391 1391-1392 1392-1393 1393-1394 1394-1395 1395-1396 1396-1397 1397-1398 1398-1399 1399-1400 1400-1401 1401-1402 1402-1403 1403-1404 1404-1405 1405-1406 1406-1407 1407-1408 1408-1409 1409-1410 1410-1411 1411-1412 1412-1413 1413-1414 1414-1415 1415-1416 1416-1417 1417-1418 1418-1419 1419-1420 1420-1421 1421-1422 1422-1423 1423-1424 1424-1425 1425-1426 1426-1427 1427-1428 1428-1429 1429-1430 1430-1431 1431-1432 1432-1433 1433-1434 1434-1435 1435-1436 1436-1437 1437-1438 1438-1439 1439-1440 1440-1441 1441-1442 1442-1443 1443-1444 1444-1445 1445-1446 1446-1447 1447-1448 1448-1449 1449-1450 1450-1451 1451-1452 1452-1453 1453-1454 1454-1455 1455-1456 1456-1457 1457-1458 1458-1459 1459-1460 1460-1461 1461-1462 1462-1463 1463-1464 1464-1465 1465-1466 1466-1467 1467-1468 1468-1469 1469-1470 1470-1471 1471-1472 1472-1473 1473-1474 1474-1475 1475-1476 1476-1477 1477-1478 1478-1479 1479-1480 1480-1481 1481-1482 1482-1483 1483-1484 1484-1485 1485-1486 1486-1487 1487-1488 1488-1489 1489-1490 1490-1491 1491-1492 1492-1493 1493-1494 1494-1495 1495-1496 1496-1497 1497-1498 1498-1499 1499-1500 1500-1501 1501-1502 1502-1503 1503-1504 1504-1505 1505-1506 1506-1507 1507-1508 1508-1509 1509-1510 1510-1511 1511-1512 1512-1513 1513-1514 1514-1515 1515-1516 1516-1517 1517-1518 1518-1519 1519-1520 1520-1521 1521-1522 1522-1523 1523-1524 1524-1525 1525-1526 1526-1527 1527-1528 1528-1529 1529-1530 1530-1531 1531-1532 1532-1533 1533-1534 1534-1535 1535-1536 1536-1537 1537-1538 1538-1539 1539-1540 1540-1541 1541-1542 1542-1543 1543-1544 1544-1545 1545-1546 1546-1547 1547-1548 1548-1549 1549-1550 1550-1551 1551-1552 1552-1553 1553-1554 1554-1555 1555-1556 1556-1557 1557-1558 1558-1559 1559-1560 1560-1561 1561-1562 1562-1563 1563-1564 1564-1565 1565-1566 1566-1567 1567-1568 1568-1569 1569-1570 1570-1571 1571-1572 1572-1573 1573-1574 1574-1575 1575-1576 1576-1577 1577-1578 1578-1579 1579-1580 1580-1581 1581-1582 1582-1583 1583-1584 1584-1585 1585-1586 1586-1587 1587-1588 1588-1589 1589-1590 1590-1591 1591-1592 1592-1593 1593-1594 1594-1595 1595-1596 1596-1597 1597-1598 1598-1599 1599-1600 1600-1601 1601-1602 1602-1603 1603-1604 1604-1605 1605-1606 1606-1607 1607-1608 1608-1609 1609-1610 1610-1611 1611-1612 1612-1613 1613-1614 1614-1615 1615-1616 1616-1617 1617-1618 1618-1619 1619-1620 1620-1621 1621-1622 1622-1623 1623-1624 1624-1625 1625-1626 1626-1627 1627-1628 1628-1629 1629-1630 1630-1631 1631-1632 1632-1633 1633-1634 1634-1635 1635-1636 1636-1637 1637-1638 1638-1639 1639-1640 1640-1641 1641-1642 1642-1643 1643-1644 1644-1645 1645- | | | | | | |

WILL CHECK VISA

MEMORANDUM FOR THE DIRECTOR

CONTRACTS FOR THE RESEARCH AND DEVELOPMENT

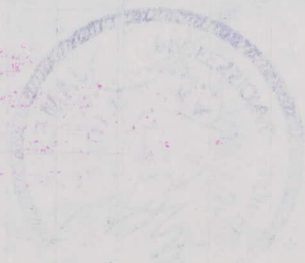
RESEARCH

RESEARCH

RESEARCH

RESEARCH

RESEARCH



RESEARCH

RESEARCH

RESEARCH

RESEARCH

RESEARCH

RESEARCH

RESEARCH

RESEARCH

RESEARCH

RESEARCH

PLANT CHECK NO. 9

PROJECT: 66" Water Transmission Line

CHEMICAL

AND

LAB. NO. 807212

(REFER TO THIS NUMBER)

LOCATION: Coldeh, Kansas

Michita

TESTING

Laboratories

DATE July 16, 1955

ENGINEER/ARCHITECT Block & Yerkes, Cons. Engrs.

CONCRETE PIPE PLANT INSPECTION LOG

BATCH PLANT Look Joint Pipe Co.

CONTRACTOR Look Joint Pipe Co.

WEATHER

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|------------|--|--------------------|--|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 7-11-55 | 31 | 32 (1) | 32 | 3A | 699-532 | 0 | 0 | 33 | 206-211, 202-205, 206-209, 252 | 33 | 15 65 66, 72 80 86, 88 95 135, 141 143, 146-149, 151 153, 154 160, 163 169, 199 212, 217-220, 245 252 55 | 0 | 0 | | | |
| 7-12-55 | 1 | 0 | 1 | 0 (1) | 0 | 0 | 0 | 3A | 251-253, 254-255, 256-259, 260-277, 292-295, 313-319, 352 354, 356-358, 360-364, 366-368, 371, 372 | 1 Spool, 317 | 0 | 0 | 0 | 0 | | |
| | | | | | | | | | | | 245 252 55, 152 198-198, 201 202 213, 216 221 225, 226 228 230, 239 296, 6 8 9 10 | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 1902

TOTAL FEET TO DATE 10092

THEORETICAL BATCH WEIGHTS (DRY)

| | TYPE | AMOUNT |
|-------------|-----------------------------|------------------|
| FINE AGG: | <u>Dolose Sand</u> | <u>1150</u> |
| COARSE AGG: | <u>Mottos 3/4 & 2/0</u> | <u>4300</u> |
| CEMENT: | <u>Lehigh</u> | <u>2145</u> |
| SPECIAL: | <u>Water 7</u> | <u>90 Gal. 7</u> |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: None

HEAT NO.: None

WELD SAMPLES: None

REINFORCING MESH:

TAKEN: 7-15-55

DIAMETER: 106

SQ. IN./LIN. FT.: 28 3/4" x 12"

STRESS WIRE:

TAKEN: 7-15-55

DIAMETER: .197

TENSION: 4000-4500

REMARKS: A.N.S.I. 1110

JAMES E. ANSLEY

PLANT INSPECTOR

Phillips

PROFESSIONAL ENGINEER

CC: 2-look joint

2-Roller

1-Kroll

1-Hess

FILE

PAGE 1 OF 3

[Faint, illegible handwriting and bleed-through from the reverse side of the page.]



[Faint, illegible handwriting at the bottom right of the page.]

PLANT CHECK NO. 5

PROJECT: 60" Water Transmission Line

CHEMICAL

LAB. NO. 507212

LOCATION: Colwich, Kansas

AND

(REFER TO THIS NUMBER)

Wichita

Laboratories

DATE July 16, 1955

ENGINEER/ARCHITECT: Block & Ventch

TESTING

BATCH PLANT Look Joint Pipe Co.

CONTRACTOR: Look Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

WEATHER Fair - hot

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|--|-------------|--|-------------|---|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 7-12-55 | 28 | 1/33 (1) | 35 | 25 | 28 | 533-546 | 38 | 297-299, 301, 307, 311, 312, 351, 352, 369, 374, 383, 388, 398, 403, 407, 431, 435, 436, 419 | 39 | 243, 257, 253, 256, 277, 292, 295, 313, 316, 318, 319, 353, 354, 356, 358, 360, 364, 366, 368, 371, 372, 377, 379, 386 | 18 | 157, 200, 253, 225, 228, 236, 245, 247, 249, 250, 265, 267, 270, 285, 287, 327, 329 | 0 | 0 | | |

LINEAR FEET PIPE MADE THIS REPORT 1902

TOTAL FEET TO DATE 1090

THEORETICAL BATCH WEIGHTS (DRY)

| | TYPE | Core | AMOUNT | Coating |
|-------------|------------------|---------|--------|---------|
| FINE AGG: | Dolores Sand | 1150 | 4560 | |
| COARSE AGG: | Moline 3/4 & 3/8 | 4880 | 4580 | |
| CEMENT: | Lehigh | 2145 | 2756 | |
| SPECIAL: | Water 7 | 90 Gal. | 7 | 90 Gal. |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____

HEAT NO.: _____

WELD SAMPLES: _____

REINFORCING MESH:

TAKEN: _____

DIAMETER: _____

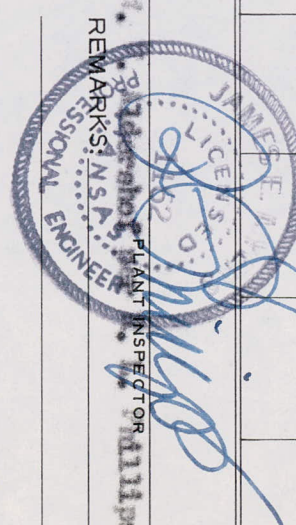
SQ. IN./LIN. FT.: _____

STRESS WIRE:

TAKEN: _____

DIAMETER: _____

TENSION: _____



REMARKS: N.S.A. PLANT INSPECTOR Phillips

2-Block Joint

CC: 2-Roller

1-Knoll

1-Heise

CONCRETE CHEMICALS
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

CONCRETE CHEMICALS
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

CONCRETE CHEMICALS
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

| NO. | DATE | DESCRIPTION | AMOUNT | UNIT |
|-----|----------|--------------------|--------|------|
| 1 | 10/15/54 | CONCRETE CHEMICALS | 100 | LB |
| 2 | 10/20/54 | CONCRETE CHEMICALS | 200 | LB |
| 3 | 11/05/54 | CONCRETE CHEMICALS | 300 | LB |
| 4 | 11/15/54 | CONCRETE CHEMICALS | 400 | LB |
| 5 | 12/01/54 | CONCRETE CHEMICALS | 500 | LB |
| 6 | 12/15/54 | CONCRETE CHEMICALS | 600 | LB |
| 7 | 01/05/55 | CONCRETE CHEMICALS | 700 | LB |
| 8 | 01/15/55 | CONCRETE CHEMICALS | 800 | LB |
| 9 | 02/01/55 | CONCRETE CHEMICALS | 900 | LB |
| 10 | 02/15/55 | CONCRETE CHEMICALS | 1000 | LB |



[Handwritten signature]

NO. 10000 TWAIN

10/10/10

10/10/10

10/10/10

TO THE DIRECTOR
GENERAL INVESTIGATION
DIVISION
WASHINGTON, D. C.

FROM THE DIRECTOR
GENERAL INVESTIGATION
DIVISION
WASHINGTON, D. C.

TO THE DIRECTOR
GENERAL INVESTIGATION
DIVISION
WASHINGTON, D. C.

RE: [Faint text]

RE: [Faint text]

RE: [Faint text]



[Handwritten signature]

ATLAS IN-11-1001

10/10/10

10/10/10

10/10/10

10/10/10

10/10/10

10/10/10

10/10/10

10/10/10

10/10/10

PLANT CHECK NO. 7

LAB. NO. 007216
(REFER TO THIS NUMBER)

DATE July 9, 1955

Michita CHEMICAL AND *Laboratories* TESTING

PROJECT: 66" Water Transmission Lines
LOCATION: Oshtemo, Kansas
ENGINEER/ARCHITECT: Myer & Veach
CONTRACTOR: Look Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

BATCH PLANT Look Joint Pipe Co.
WEATHER _____

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|---------------------------------------|-------------------------|-------------------|----------------|-----------------|----------------|--------------|--|------------|--|-------------|---|--------------|---------------|--------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | |
| <u>7-4-55 Holiday - No Production</u> | | | | | | | | | | | | | | | |
| <u>7-5-55</u> | <u>32</u> | <u>28 (1)</u> | <u>33</u> | <u>34</u> | <u>371-407</u> | <u>5</u> | <u>222, 228, 229, 231, 238, 240, 242</u> | <u>0</u> | <u>0</u> | <u>25</u> | <u>107-114, 207-209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000</u> | | | | |
| <u>7-6-55</u> | <u>0</u> | <u>29 (1)</u> | <u>1</u> | <u>30</u> | <u>108-137</u> | <u>30</u> | <u>150, 212, 222, 227, 230, 233, 234, 236, 245, 250, 260, 265, 267, 279, 280, 283, 287, 296.</u> | <u>7</u> | <u>221, 222, 228, 229, 231, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000</u> | | | | | | |

LINEAR FEET PIPE MADE THIS REPORT 2048
 TOTAL FEET TO DATE 4188

THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | COARSE | AMOUNT | COATING |
|-------------|------------------------|----------------|------------------|
| FINE AGG: | <u>Dolens Sand</u> | <u>4250</u> | <u>4560</u> |
| COARSE AGG: | <u>Wolimo 3/16-3/8</u> | <u>4000</u> | <u>4310</u> |
| CEMENT: | <u>Lehigh</u> | <u>2145</u> | <u>2256</u> |
| SPECIAL: | <u>Water 7</u> | <u>90 gal.</u> | <u>7 90 gal.</u> |

ADMIX:

STEEL TEST DATA

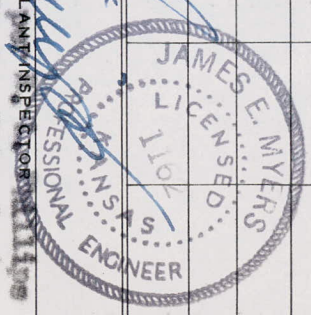
CYLINDER WELD SPECIMENS:
 TAKEN: 7-7-55
 HEAT NO.: 62 911A P.O.
 WELD SAMPLES: D1, D2, D3, D4

REINFORCING MESH:
 TAKEN: 7-8-55
 DIAMETER: 105
 SQ. IN./LIN. FT.: 2 1/2" x 2 1/2" Spacing

STRESS WIRE:
 TAKEN: 7-1-55
 DIAMETER: 6000 to 4200 avg.
 TENSION

REMARKS: Due to low 7 day test specimens, pipe No. 291 thru 310 were given a total of 10 days cure before pre-stressing.
2-look joint e. Colwich
1-Kroll
1-Ross

FILE 1 PAGE 1 OF 2



PLANT CHECK NO. 7

PROJECT: 66" Water Transmission Line

CHEMICAL

LAB. NO. 097216

LOCATION: Cortelyou, Kansas

AND

Michita Laboratories

DATE July 9, 1955

ENGINEER/ARCHITECT Black & Ventch

TESTING

BATCH PLANT Look Joint Pipe Co.

CONTRACTOR Look Joint Pipe Co.

CONCRETE PIPE PLANT INSPECTION LOG

WEATHER Fair - Windy-106

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | | | | | | | | | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|------------|--|--------------------|--|--------------|---------------|--------|---------------|---|---|---|---|---|---|---|---|---|---|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | | | | | | | | | | |
| 7-7-55 | 35 | 30 (1) | 36 | 28 | 130-165 | 26 | 244, 281, 282, 320 | 30 | 150, 230, 232-227, 233, 234, 236, 245, 250, 265-267, 270, 279, 280, 286, 289-287 | 43 | 215, 32, 33, 38, 12, 61, 64, 67, 62, 83, 109, 101, 103, 110, 114, 116, 117, 120, 120, 123, 125, 129, 132, 155, 159, 161, 164, 166-171, 172-175, 185, 188, 186, 198, 199, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

LINEAR FEET PIPE MADE THIS REPORT 2018

TOTAL FEET TO DATE 1108

THEORETICAL BATCH WEIGHTS (DRY)

| | TYPE | AMOUNT |
|-------------|-----------------------|--------------------------|
| FINE AGG: | Dolene Sand | 4150 4560 |
| COARSE AGG: | Mottone 3/16" to 1/2" | 4930 6380 |
| CEMENT: | Lehigh | 2185 2256 |
| SPECIAL: | Water <u>7</u> | 90 Gal. <u>7</u> 90 Gal. |
| ADMIX: | | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____

HEAT NO.: _____

WELD SAMPLES: _____

REINFORCING MESH: _____

TAKEN: _____

DIAMETER: _____

SQ. IN./LIN. FT.: _____

STRESS WIRE: _____

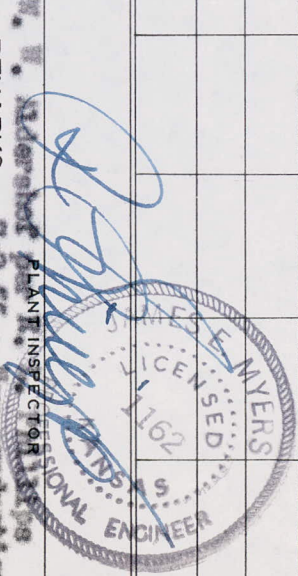
TAKEN: _____

DIAMETER: _____

TENSION: _____

REMARKS:

7-9-55 - for production



CC:

Look Joint
Michita
Lehigh

PROJECT: 66" Water Transmission Line
 LOCATION: Coladoh, Kansas
 ENGINEER/ARCHITECT: Moore & Yarbush
 CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 007023
 (REFER TO THIS NUMBER)
 DATE: July 2, 1955
 BATCH PLANT Lock Joint Pipe Co.
 WEATHER _____

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|---|------------|---|--------------------|-------------|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 6-27-55 | 38 | 0 | 38 | 27 | 261-267 | 38 | 61,63,64, 68,70,71, 72,73,74, 75,76,77, 78,79,80, 81,82,83, 84,85,86, 87,88,89,90, 91,92,93,94,95, 96,97,98,99, 100 | 30 | 72,72,71, 77,81-84, 89-103, 107, 110, 111, 112, 127, 165-176 | 0 | 0 | 0 | 0 | 0 | | |
| 6-28-55 | 29 | 2 | 29 | 23 | 268-290 | 1 | 270 | 28 | 61,64,73, 124-126, 128-130, 132, 135-138, 141, 143, 145, 185-193, 195, 196 | 0 | 0 | 0 | 0 | | | |
| 6-29-55 | 39 | 0 | 39 | 29 | 291-319 | 33 | 142, 144-149, 151, 152-161, 175, 176-181, 191, 192 | 11 | 63,68,69, 70,72,78, 79, 81, 82, 83, 84, 85, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 | 0 | 0 | 0 | 0 | | | |

LINEAR FEET PIPE MADE THIS REPORT 2079
 TOTAL FEET TO DATE 6296

| | TYPE | COBS | AMOUNT | COASTING |
|-------------|------------------------|---------|---------|----------|
| FINE AGG: | Dolom | 1150 | 1560 | |
| COARSE AGG: | Rolling 3/4" to 1 1/2" | 1200 | 1300 | |
| CEMENT: | High | 2145 | 2256 | |
| SPECIAL: | Water | 90 Gal. | 90 Gal. | |
| ADMIX: | None | | | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: 6-27-55
 HEAT NO.: 6041-114 P.O.
 WELD SAMPLES: 0-1, 0-2, 0-3, 0-4

REINFORCING MESH:
 TAKEN: 7-1-55
 DIAMETER: 104
 SQ. IN./LIN. FT.: 2 1/2" x 12" 9x12

STRESS WIRE:
 TAKEN: 7-1-55
 DIAMETER: .1910
 TENSION: 1000 to 1300

REMARKS: _____

JAMES E. MILLER
 PROFESSIONAL ENGINEER
 PLANT INSPECTOR

CC: 2-Field
1-Field

FILE _____ PAGE 1 OF 2

PROJECT: 66" Water Transmission Line
LOCATION: Coloche, Kansas
ENGINEER/ARCHITECT: Brack & Voth
CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Michita Laboratories
CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 07023
(REFER TO THIS NUMBER)
DATE: July 3, 1955
BATCH PLANT: Lock Joint Pipe Co.
WEATHER: Partly-Cloudy

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|---|------------|---|-------------|---------------|--------------|---------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 6-30-55 | 17 | #25(1) | 18 | 30 | 250-219 | 21 | 53-59, 119, 123, 153, 191-202, 213-221. | 21 | 112, 144, 149, 151, 153, 164, 175-184, 53-59, 119-191-202, 213-220. | 0 | 0 | 0 | 0 | 0 |
| 7-2-55 | 10 | 0 | 10 | 24 | 210-273 | 1 | 239 | 30 | 123, 152, 191-202, 213-220. | 1 | 67 | 0 | 0 | 0 |
| 7-2-55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

LINEAR FEET PIPE MADE THIS REPORT 2277

TOTAL FEET TO DATE 6236

THEORETICAL BATCH WEIGHTS (DRY)

TYPE CORE AMOUNT COATING

FINE AGG: Dolomite Sand 1250 1560

COARSE AGG: Hotlime Stone 3/4 & 3/8 1800 1390

CEMENT: Lehigh 2145 2296

SPECIAL: Water 1 90 Gal. 1 90 Gal.

ADMIX: None --- ---

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: _____

HEAT NO.: _____

WELD SAMPLES: _____

REINFORCING MESH:

TAKEN: _____

DIAMETER: _____

SQ. IN./LIN. FT.: _____

STRESS WIRE:

TAKEN: _____

DIAMETER: _____

TENSION: _____

REMARKS:

James E. ...
PLANT INSPECTOR
LOCK JOINT PIPE CO.
ENGINEERS

CC: Lock Joint
McKellar
Timball
Thayer

PROJECT: 66" Water Transmission Line
 LOCATION: Catoch, Kansas
 ENGINEER/ARCHITECT: Mark A. Ventch
 CONTRACTOR: Look Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 906322
 (REFER TO THIS NUMBER)
 DATE June 25, 1955
 BATCH PLANT Look Joint Pipe Co.
 WEATHER Fair-80°

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------------|----------------|--------------------------|----------------|-----------------------|--|--------------------|--|---------------|-------------|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 6-20-55 | 0 | (A) 14, 15 20, 22 | 4 | 18 2-Spnl. 16 - 11 | 185-202 | 9 | 5, 6, 8, 10 22, 23, 24 24, 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-21-55 | 25 | (1) 19 | 26 | 19 1-Spnl. #17 | 203-221 | 16 | 1-3, 30, 32 25, 29, 41 40, 46, 47 | 20 20 | 2, 5, 8-10 15, 21-23 25, 26, 32 34, 36, 38 40, 42, 43 | 0 | 0 | 0 | 0 | 0 |
| 6-22-55 | 40 | 0 | 40 | 0 | 0 | 13 | 11, 45, 48 40, 62, 65 67, 80, 85 88 | 10 | 1, 3, 25, 27 11, 16, 17 17, 40, 50. | 0 | 0 | 0 | 0 | 0 |
| 6-23-55 | 18 | 0 | 18 | 0 | 0 | 22 * | 89, 91-98 104, 109 112-115 118, 121 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6-24-55 | 0 | (1) 24 | 1 | 19 1-Spnl. | 222-240 #19 | 26 | 71, 72, 75 77, 81, 84 90, 103, 110 116, 151 165-170, 172-175 | 20mm | 15, 48, 49 65, 67, 80 85-89, 91-94 94, 96, 98 104, 105 107, 108 | 0 | 0 | 0 | 0 | 0 |

LINEAR FEET PIPE MADE THIS REPORT 851
 TOTAL FEET TO DATE 2990

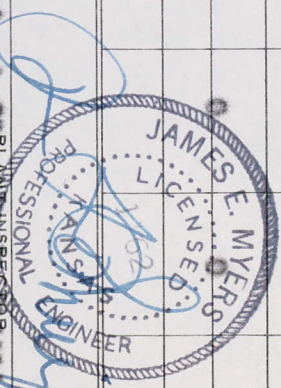
STEEL TEST DATA

CYLINDER WELD SPECIMENS:
 TAKEN: None
 HEAT NO.:
 WELD SAMPLES:
 REINFORCING MESH:
 TAKEN: 6-25-55
 DIAMETER: 107
 SQ. IN./LIN. FT.: 2 1/2" x 1/2" Stair
 STRESS WIRE:
 TAKEN: 6-25-55
 DIAMETER: 1920
 TENSION 1000 - 1200 Avg.

THEORETICAL BATCH WEIGHTS (DRY)

| TYPE | CORE | AMOUNT CONTAINERS |
|-------------|---------|-------------------|
| FINE AGG: | Dolere | 4110 |
| COARSE AGG: | Kollino | 5010 |
| CEMENT: | Lehigh | 2145 |
| SPECIAL: | Water | 90 Gal. |
| ADMIX: | None | 90 Gal. |

REMARKS: W. W. Adams, P.E., INSPECTOR FOR WICHITA LABORATORIES
See Laboratory Report #11105
get serial nos. on five (5) pipe
marked.
2-look joint pipe
 CC: 2-look
1-Kroll
1-Hess
 FILE 1





CONCRETE PAVEMENT INSPECTION LOG

DATE

TIME

LOCATION

REMARKS

| NO. | DATE | TIME | LOCATION | REMARKS |
|-----|------|------|----------|---------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| 18 | | | | |
| 19 | | | | |
| 20 | | | | |
| 21 | | | | |
| 22 | | | | |
| 23 | | | | |
| 24 | | | | |
| 25 | | | | |
| 26 | | | | |
| 27 | | | | |
| 28 | | | | |
| 29 | | | | |
| 30 | | | | |

Michigan AND SUPERVISOR

PLANT CHECKING

PROJECT: 66" Water Transmission Lines
 LOCATION: Colwich, Kansas
 ENGINEER/ARCHITECT: Black & Veatch
 CONTRACTOR: Look Joint Pipe Co.

WICHITA AND LABORATORIES
 CHEMICAL AND TESTING
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 806218
 (REFER TO THIS NUMBER)
 DATE: June 22, 1955
 BATCH PLANT: Look Joint Pipe
 WEATHER: Cloudy-Dewy

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | | PRE-STRESS OPERATIONS | | | COATING OPERATIONS | | | SHIPPING DATA | | REJECTED PIPE | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|--------------|-----------------------|------------|-------------|--------------------|-------------|--------------|---------------|--------|---------------|--|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON | | |
| 6-13-55 | 25 | --- | 25 | 20 | 99-118 | 3 | 6,7,14 | 0 | --- | 0 | --- | --- | --- | 0 | | |
| 6-21-55 | 22 | (1) | 22 | 16 | 119-134 | 5 | 12,15,16,17,18 | 0 | --- | 0 | --- | --- | --- | 0 | | |
| 6-24-55 | Spools | 16 | 1 | Spools | 6,5,7,8 | 0 | 18,20,28,29 | 0 | --- | 0 | --- | --- | --- | 0 | | |
| 6-15-55 | 21 | --- | 21 | 20 | 135-154 | 10 | 13,27,11,26 | 0 | --- | 0 | --- | --- | --- | 0 | | |
| 6-16-55 | 21 | --- | 21 | 20 | 155-174 | 0 | 42,51,24,21 | 5 | 7,12,17 | 0 | --- | --- | --- | 0 | | |
| 6-17-55 | 26 | (2) | 26 | 10 | 175-194 | 6 | 9,25 | 5 | 4,11,27 | 0 | --- | --- | --- | 0 | | |
| 6-18-55 | 0 | 17-9 | 2 | 0 | --- | 0 | --- | 10 | --- | 0 | --- | --- | --- | 0 | | |

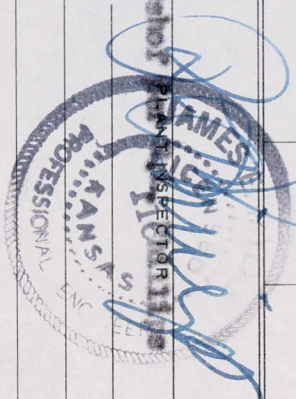
LINEAR FEET PIPE MADE THIS REPORT 140

TOTAL FEET TO DATE 2017

| TYPE | AMOUNT |
|---------------------|-----------------------------|
| FINE AGG: Dolose | Coarse 1110 Dolose 634.2 |
| COARSE AGG: Rollins | 5010 6244 |
| CEMENT: 1081gh | 2145 2756 |
| SPECIAL: Water | 90 gal. 90 gal. |
| ADMIX: None | |

| STEEL TEST DATA | |
|--------------------------|-------------------------------------|
| CYLINDER WELD SPECIMENS: | TAKEN: <u>6-17-55</u> |
| | HEAT NO.: <u>68 B 114 P.O.</u> |
| | WELD SAMPLES: <u>DL, DL, DL, DL</u> |
| REINFORCING MESH: | TAKEN: <u>6-17-55</u> |
| | DIAMETER: <u>106</u> |
| | SQ. IN./LIN. FT.: <u>502.12</u> |
| STRESS WIRE: | TAKEN: <u>6-17-55</u> |
| | DIAMETER: <u>1938</u> |
| | TENSION: <u>4000 to 4200</u> |

REMARKS: 2-look joint type
CC: 2-look
1-look
1-look
 FILE 1 PAGE 1 OF 1



PROJECT: 66" Water Transmission Line, Cont'd.
 LOCATION: Catfish, Kansas
 ENGINEER/ARCHITECT: Block & Veitch
 CONTRACTOR: Lock Joint Pipe Co.

CHEMICAL AND TESTING
Wichita Laboratories
 CONCRETE PIPE PLANT INSPECTION LOG

LAB. NO. 306168
 (REFER TO THIS NUMBER)
 DATE: Block of 6-6 - 6-11-55
 BATCH PLANT: Catfish
 WEATHER: Cloudy, Damp

| DATE OF INSPECTION | WELDING SHOP OPERATIONS | | | CORE OPERATIONS | | PRE-STRESS OPERATIONS | | COATING OPERATIONS | | SHIPPING DATA | | REJECTED PIPE | | |
|--------------------|-------------------------|-------------------|----------------|-----------------|-------------|-----------------------|-------------|--------------------|-------------|---------------|-------------|---------------|------------|--------|
| | CYLINDERS MADE | SPECIALS SHOP NO. | PRESSURE TESTS | NO. POURED | SERIAL NOS. | NO. STRESSED | SERIAL NOS. | NO. POURED | SERIAL NOS. | NO. SHIPPED | SERIAL NOS. | AT OPERATION | SERIAL NO. | REASON |
| 6-6-55 | 5 | 5-2 | 5 | 10 | 21-30 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 6-7-55 | 5 | 5-4, 5-5 | 5 | 10 | 31-40 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 6-8-55 | 5 | 5-7 | 5 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 6-9-55 | 0 | 5-3, 6, 8 | 0 | 20 | 41-59 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 6-10-55 | 0 | 0 | 0 | 20 | 60-79 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| 6-11-55 | 0 | 5-10, 11, 12 | 0 | 20 | 80-98 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |

LINEAR FEET PIPE MADE THIS REPORT 1220 4 SP.

TOTAL FEET TO DATE 1568

THEORETICAL BATCH WEIGHTS (DRY)

| | | | | |
|-------------|---------------------|------|-----------------|--------|
| FINE AGG: | <u>Dolom</u> | TYPE | <u>COBB MIX</u> | AMOUNT |
| COARSE AGG: | <u>Welling 3/4"</u> | | | |
| CEMENT: | <u>1-1/2 bags</u> | | | |
| SPECIAL: | <u>Water</u> | | | |
| ADMIX: | <u>None</u> | | | |

STEEL TEST DATA

CYLINDER WELD SPECIMENS:

TAKEN: 6-6-55
 HEAT NO.: 609216 - P.O.
 WELD SAMPLES: 11, 12, 13, 14, 15
 REINFORCING MESH:
 TAKEN: None
 DIAMETER: _____
 SQ. IN./LIN. FT.: _____
 STRESS WIRE:
 TAKEN: None
 DIAMETER: _____
 TENSION: _____

REMARKS: _____

PLANT INSPECTOR: _____

CC: 2-Block Joint Pipe
1-Kroll
1-Block

FILE 1

PAGE _____ OF _____

