

HISTORIC AMERICAN ENGINEERING RECORD

MASTER PROJECT RECORD

WV-24

HAER
WVA,
13 RAIN,
1-

Meadow River Lumber Company, 1910
Highway 60
Rainelle
Greenbrier County
West Virginia

- WV-24-1 Photocopied August 1975 from History of Greenbrier County, J. R. Cole publisher, 1917?.
"BIRDS-EYE VIEW OF RAINELLE"
- WV-24-2 Photocopied August 1975 from History of Greenbrier County, J. R. Cole publisher, 1917?.
"SAW MILL"
- WV-24-3 Photocopied August 1975 from The Evolution of Modern Band Saw Mills for Sawing Logs, Dewitt Clinton Prescott, 1910.
VIEW OF BAND SAW. *NOTE* 4"x 5" NEGATIVE
- WV-24-4 Photocopied August 1975 from The Evolution of Modern Band Saw Mills for Sawing Logs, Dewitt Clinton Prescott, 1910.
THREE-BLOCK LOG CARRIAGE. *NOTE* 4"x 5" NEGATIVE
- WV-24-5 William E. Barrett, Photographer, 1975.
GENERAL VIEW OF STORAGE YARDS WITH MILL IN THE BACKGROUND.
LOOKING SOUTHWEST.
- WV-24-6 William E. Barrett, Photographer, 1975.
GENERAL VIEW LOOKING EAST. SAWMILL ON RIGHT. SECONDARY
WOODWORKING SHOPS ON LEFT PARTIALLY DEMOLISHED.
- WV-24-7 William E. Barrett, Photographer, August 1975.
LOG PONDS LOOKING WEST FROM POWERHOUSE ROOF. TRANSFORMER
SHED IN FOREGROUND.
- WV-24-8 William E. Barrett, Photographer, August 1975.
LOG DOCK AND PARTIALLY DEMOLISHED JACKSLIP USED FOR
HAULING LOGS UP TO SAWMILL.
- WV-24-9 William E. Barrett, Photographer, August 1975.
WEST FACADE OF SAWMILL SHOWING PARTIALLY DEMOLISHED
JACKSLIP.
- WV-24-10 William E. Barrett, Photographer, August 1975.
LOG DECK WITH BULL CHAIN IN TROUGH USED TO HAUL UP
LOGS. LOOKING WEST.

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- WV-24-11 William E. Barrett, Photographer, August 1975.
INTERIOR OF SAWMILL SHOWING STEAM CYLINDER AND
PISTON ROD OF LEFT-HAND MILL (LEFT) AND HOUSING
OF CENTER BANDSAW.
- WV-24-12 William E. Barrett, Photographer, August 1975.
LOG DECK AND CARRIAGE TRACKS OF RIGHT-HAND MILL.
- WV-24-13 William E. Barrett, Photographer, August 1975.
INTERIOR OF SAWMILL LOOKING EAST. LOGS FOR CENTER
MILL ROLLED RIGHT TO CONVEYOR WHICH CARRIED THEM TO
SECOND SLOPING DECK.
- WV-24-14 William E. Barrett, Photographer, August 1975.
CARRIAGE TRACK OF LEFT-HAND MILL SHOWING STEAM
CYLINDER AND PISTON ROD.
- WV-24-15 William E. Barrett, Photographer, August 1975.
LOG CARRIAGE FOR RIGHT-HAND MILL. LOG CLAMPS
HAND OPERATED.
- WV-24-16 William E. Barrett, Photographer, August 1975.
CENTER MILL (RIGHT-HANDED) WITH CARRIAGE TRACKS AND
BANDSAW HOUSING INTACT. LOG CLAMPS ON THIS CARRIAGE
WERE PNEUMATICALLY OPERATED.
- WV-24-17 William E. Barrett, Photographer, August 1975.
UPPER BAND WHEEL OF CENTER MILL.
- WV-24-18 William E. Barrett, Photographer, August 1975.
EXPOSED VIEW OF LOWER PULLEYS OF LEFT-HAND MILL.
LOWER LEFT IS BAND SAW PULLEY. UPPER LEFT IS
TENSION WHEEL. LARGE PULLEY ON RIGHT IS DRIVE
WHEEL FROM POWER SOURCE.
- WV-24-19 William E. Barrett, Photographer, August 1975.
LOWER BAND SAW PULLEYS OF RIGHT-HAND MILL. DRIVE
PULLEY IN BELOW TENSION PULLEY.
- WV-24-20 William E. Barrett, Photographer, August 1975.
INTERIOR OF SAWMILL LOOKING EAST. EDGER SAW AT
LOWER LEFT, TRIMMERS AT RIGHT.
- WV-24-21 William E. Barrett, Photographer, August 1975.
EDGER SAWS FOR RIPPING BOARD TO VARIOUS WIDTHS.
BLADES VISIBLE BEHIND ROLLERS.
- WV-24-22 William E. Barrett, Photographer, August 1975.
CHIPPER OR "HOG" FOR REDUCING SCRAPS TO WOOD CHIPS.
HOUSING PARTIALLY REMOVED.

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- WV-24-23 William E. Barrett, Photographer, August 1975.
FRAMES OF SLASHER SAWS FOR CUTTING WASTE INTO
SMALL PIECES.
- WV-24-24 William E. Barrett, Photographer, August 1975.
CONVEYOR AND REFUSE BURNER.
- WV-24-25 William E. Barrett, Photographer, August 1975.
INTERIOR OF SAWMILL LOOKING WEST. ROLLERS FROM
TRIPLE EDGER (LEFT) AND DOUBLE EDGER (RIGHT) AND
HEAVY TIMBER ROLLERS FROM CENTER MILL (CENTER).
- WV-24-26 William E. Barrett, Photographer, August 1975.
INTERIOR OF SAWMILL LOOKING SOUTH TOWARD TRIMMING
SAWS.
- WV-24-27 William E. Barrett, Photographer, August 1975.
TRIMMER SAWS LOOKING BACK FROM SORTING DOCK. SAW
BLADES ARE HIDDEN BY HINGED PARTITION. SPIRAL ROLLERS
CARRY BOARDS FROM SAWS TO HANDLES.
- WV-24-28 William E. Barrett, Photographer, August 1975.
TRIMMER SAWS FOR CUTTING BOARDS TO LENGTH. SAWS IN
FOREGROUND REMOVED. NOTE BELT DRIVE ON REMAINING SAW.
- WV-24-29 William E. Barrett, Photographer, August 1975.
INTERIOR OF SAWMILL LOOKING EAST. LINE ROLLERS AND
BILL SAW FOR CUTTING LONG HEAVY TIMBERS AND RAILROAD
TIES TO LENGTH.
- WV-24-30 William E. Barrett, Photographer, August 1975.
SAWMILL SORTING DOCK SHOWING THREE TRACKS OF MOVING
CHAIN CONVEYOR. LUMBER WAS UNLOADED ON BOTH SIDES
AND PLACED ON CARTS WHOSE RAILS MAY BE SEEN AT LEFT.
- WV-24-31 William E. Barrett, Photographer, August 1975.
SORTING DOCK LOOKING EAST TOWARD LUMBERYARD. NOTE
RAILS FOR LUMBER CARTS. CARTS WERE UNLOADED AT EDGE
OF DOCK AND LUMBER WAS PLACED ON FLATCARS TO BE TAKEN
TO YARD.
- WV-24-32 William E. Barrett, Photographer, August, 1975.
EXTERIOR OF SAWMILL FROM SORTING DOCK SHOWING RESAW
SHOP.
- WV-24-33 William E. Barrett, Photographer, August 1975.
VIEW OF DRYING KILNS FROM THE EAST.

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- WV-24-34 William E. Barrett, Photographer, August 1975.
INTERIOR OF DRYING KILN. NOTE STEAM PIPES UNDER
FLOOR AT LEFT AND RIGHT.
- WV-24-35 William E. Barrett, Photographer, August 1975.
INTERIOR OF PLANNING MILL LOOKING EAST.
- WV-24-36 William E. Barrett, Photographer, August 1975.
INTERIOR OF PLANNING MILL SHOWING SIDE TRUSS
SUPPORTING ONE OF THE MAIN TRUSSES.
- WV-24-37 William E. Barrett, Photographer, August 1975.
INTERIOR OF PLANNING MILL SHOWING SIDE TRUSS
SUPPORTING TWO MAIN TRUSSES. NOTE INCREASE IN
UNOBSTRUCTED FLOOR SPACE.
- WV-24-38 William E. Barrett, Photographer, August 1975.
INTERIOR OF LOADING SHED WITH KILN DOORS AT LEFT.
- WV-24-39 William E. Barrett, Photographer, August 1975.
EXTERIOR OF MACHINE SHOP AND POWERHOUSE LOOKING
SOUTH.
- WV-24-40 William E. Barrett, Photographer, August 1975.
ROOF OF POWERHOUSE SHOWING HOPPERS FOR SAWDUST USED
TO FIRE STEAM BOILERS. DUCTS AT LEFT LEAD FROM
PLANNING MILL AND OTHER MANUFACTURING OPERATIONS.
- WV-24-41 William E. Barrett, Photographer, August 1975.
EARLY (PROBABLY ORIGINAL) BOILER FRONTS.
- WV-24-42 William E. Barrett, Photographer, August 1975.
MAIN DRIVE ENGINE FOR SAWMILL; A FILER AND STOWELL,
TYPE "1900," HEAVY DUTY CORLISS ENGINE (ser. no. 4352).
NOTE EXPOSED CROSSHEAD JOINING PISTON ROD AND
CONNECTING ROD.
- WV-24-43 William E. Barrett, Photographer, August 1975.
DRIVE ENGINE AND BELT PULLEY OF SAWMILL; A FILER AND
STONWELL, TYPE "1900," HEAVY DUTY CORLISS ENGINE
(ser. no. 4352). BELT OPENING TO SAWMILL MAY BE
SEEN BEHIND WHEEL.
- WV-24-44 William E. Barrett, Photographer, August 1975.
GENERAL VIEW OF MAIN DRIVE ENGINE FOR SAWMILL; A
FILER AND STOWELL, TYPE "1900", HEAVY DUTY CORLISS
ENGINE (ser. no. 4352).

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- WV-24-45 William E. Barrett, Photographer, August 1975.
EARLY STEAM GENERATING UNIT USED TO PRODUCE
ELECTRICITY FOR MANUFACTURING OPERATIONS AND FOR
THE TOWN OF RAINELLE. STEAM ENGINE IS A HAMILTON
CORLISS.
- WV-24-46 William E. Barrett, Photographer, August 1975.
INTERIOR OF EAST ADDITION TO POWERHOUSE SHOWING
GENERATING UNITS (STEAM TURBINE) ADDED.
- WV-24-47 William E. Barrett, Photographer, September 1975.
COMPANY BANK BUILDING.
- WV-24-48 William E. Barrett, Photographer, September 1975.
MEADOW RIVER LUMBER COMPANY OFFICES.
- WV-24-49 William E. Barrett, Photographer, September 1975.
STATION AND OFFICES OF THE NICHOLAS FAYETTE AND
GREENPRIER RAILROAD, THE LINE BUILT BY THE LUMBER
COMPANY TO CONNECT IT WITH THE CHESAPEAKE AND OHIO
RAILWAY. LOOKING SOUTH AT MILL IN BACKGROUND.
- WV-24-50 William E. Barrett, Photographer, August 1975.
FORMER COMPANY STORE. NORTH ELEVATION.
- WV-24-51 William E. Barrett, Photographer, August 1975.
RESIDENCE OF JOHN RAINE.
- WV-24-52 William E. Barrett, Photographer, August 1975.
JOHN RAINE RESIDENCE. SOUTH ELEVATION.
- WV-24-53 William E. Barrett, Photographer, August 1975.
COMPANY HOUSING IN CENTER RAINELLE.
- WV-24-54 William E. Barrett, Photographer, August 1975.
COMPANY HOUSING IN WEST RAINELLE.
- WV-24-55 William E. Barrett, Photographer, August 1975.
METHODIST CHURCH BUILT BY MEADOW RIVER LUMBER
COMPANY.
- WV-24-56 William E. Barrett, Photographer, Sept. 1975.
LOOKING UP AT WATER TOWER.