DETAIL OF BULKHEAD SEALS

NOTE:
ALL STEEL TO HAVE A COAT OF "BARRETOL"
ALL TIMBER TO BE TREATED

SECTION AB
SCALE 1/4"=1'0"

DETAIL
LANCASHIRE Nº 15 MINE DRIFT
BULKHEAD (WATER TRAP SEAL)

SCALE 1"=12.5 FT.

BULKHEAD SEALS

SCHIRF RUN SHAFT (Nº 39)

DUTCH RUN SHAFT

SPRINGER SHAFT

DRIFT RETURN SHAFT

SLOPE, MAINWAY AND INTAKE SLOPE

MABERRY SLT

BUCKWHEAT

BARNES COAL COMPANY

DUMAN BOREHOLES

COLVER MINE

MANOR REAL ESTATE AND TRUST CO.
STERLING COAL CO.

JOHN BAILEY MANOR REAL ESTATE AND TRUST CO.

LEGEND
LANCASHIRE Nº 15 MINE WORKINGS
LANCASHIRE Nº 24B MINE WORKINGS

Opening	Type of Seal	Description
Drift	Water trap air seal	See Drawings
Drift Intake Shaft	Rock and clay seal	Rock 21' above coal, fill to top with clay
Drift Return Shaft	" " "	" " " " " " "
Mainway Slope	" " "	" " " " " " "
Springer Shaft		
Schirf Run Shaft (Nº 39)	Concrete and Clay	See Drawings
Dutch Run Shaft	" " "	" " "
Bulkheads	Reinforced concrete	
Bulkheads #1	Concrete Plug	Top 6' of hole is concreted
" #2	" "	" " " " " "
" #3	" "	Cement to 100' above coal
" #4	" "	" " " " " "
" #5	" "	" " " " " "
" #6	" "	" " " " " "
" #7	" "	Cement to 200' above coal
" #8	" "	Top 600' of hole is concreted
" #9	" "	Cement to 200' above coal
" #10	" "	" " " " " "
" #11	" "	" " " " " "
" #12	" "	" " " " " "
" #13	" "	" " " " " "
" #14	" "	" " " " " "
" #15	" "	" " " " " "
" #16	" "	" " " " " "
" #17	" "	" " " " " "
" #18	" "	" " " " " "
" #19	" "	" " " " " "
" #20	" "	" " " " " "
" #21	" "	" " " " " "
" #22	Concrete Plug	Cement to 200' above coal
" #23	" "	" " " " " "
" #24	" "	" " " " " "
Other holes		
3 3/8" Bh 34	Concrete Plug	Cement to 200' above coal
Dutch Run 39	" "	" " " " " "
Dutch Run 39A	" "	Cement from coal to surface
D-40 Pump	" "	Top 6' of hole is cemented
M-40	" "	Cement at 200' above coal
M-41	" "	Top 6' of hole is cemented
6 - 3 Day wells	2 sacks + 1 concrete plug	Top 240 inches cemented as one
Bunkhouse	Concrete Plug	Top 6' of hole is cemented
B20	Steel	Steel plate welded to top of pipe
Maberry	Stone	Water treatment - gravity flow
Mine 24	"	Water treatment - "Mine Waste"
Slot	Concrete	Bored methane gas from #21

MAP OF
LANCASHIRE Nº 15 & LANCASHIRE Nº 24 MINE
FOR
BARNES AND TUCKER COMPANY
BARNESBORO, PENNSYLVANIA
SCALE 1" = 1000 FT.
JANUARY 1971
JOHN T. BOYD COMPANY
MINING ENGINEERS
EXHIBIT 2

CX-56

P-521