

SUBSIDENCE PERMIT

BOUNDARY

INDEX FOR 1"=100' MAPS

WHITESBURG, ELDERTON & RURAL VALLEY 7-1/2'
U.S.G.S. QUADRANGLE

 = MAPS SUBMITTED

SCALE 1"=2000'



KEYSTONE COAL MINING CORPORATION
EMILIE NO. 4

PERMIT NO. 03841307

UPPER FREEPORT (E SEAM)

PLUMCREEK & COWANSHANNOCK

TOWNSHIPS

ARMSTRONG COUNTY, PENNSYLVANIA.

POSTING DATE JUNE 1, 1992

SEAL —



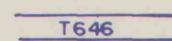
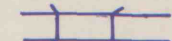
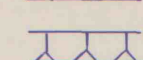
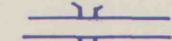
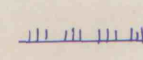
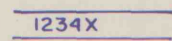
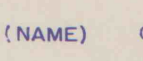
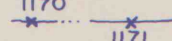
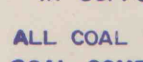
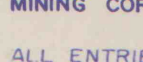
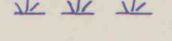
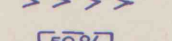
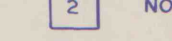
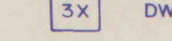
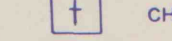
SIGNATURE



PREPARED BY CHARLES W. CLARK

MAPS DEPICT CONTEMPLATED MINING
FROM JUNE 1, 1992
TO DECEMBER 1, 1992

LEGEND FOR MAP SYMBOLS

	ACTIVE GAS WELL		TOWNSHIP ROAD		MINING COMPLETED
	INACTIVE GAS WELL		BRIDGE		CONSTRUCTED DIKE OR EMBANKMENT
	WATER WELL		CULVERT		TOE OF EXISTING SPOIL, MINE ROCK OR COAL REFUSE PILE
	SPRING		ELEVATIONS-ROAD		(NAME) ORIGINAL COAL OWNER, SHOWN FOR REFERENCE ONLY
	POND		ELEVATIONS-STREAM		MINING WILL BE ON CENTERLINE PROJECTIONS ONLY IN SUPPORT AREA
	FLOW MEASUREMENT POINT		RAILROAD TRACKS		ALL COAL IS OWNED BY ROCHESTER & PITTSBURGH COAL COMPANY UNLESS OTHERWISE DESIGNATED ON THE MAPS, AND LEASED TO KEYSTONE COAL MINING CORPORATION.
	STREAM-PERENNIAL		HORIZONTAL OR VERTICAL CONTROL, SURVEY STATIONS		ALL ENTRIES TO BE MINED AT A NOMINAL WIDTH OF 20 FEET EXCEPT BELT/TRACK ENTRIES WHICH ARE TO BE MINED AT A 22 FOOT NOMINAL WIDTH.
	STREAM-INTERMITTENT		DIAMOND (DDH) OR AIR DRILL (ADH) HOLE AS LABELED		
	PIPELINE OR UNDERGROUND CABLE (SIZE, OIL, OR GAS AS LABELED)		SWAMP OR MARSH		
	PROPERTY LINE		DITCH		
	POWER LINE		PROTECTED STRUCTURE		
	COAL CONTOUR LINE		NONPROTECTED STRUCTURE		
	NO COAL ZONE		DWELLING-BUILT AFTER APRIL 1966		
	CROPLINE		CHURCH		
	100' COVER LINE		CEMETERY		
	6 MONTH SUBSIDENCE LINE (CONTEMPLATED MINING & DATE)		AIR SHAFT (DOUBLE COMPARTMENT)		
	SUBSIDENCE CONTROL PLAN BOUNDARY		PILLARED		
	PERMIT BOUNDARY		OUTLINE OF PILLARED AREA UPPER OR LOWER SEAM		
	STATE ROAD				
	UNIMPROVED ROAD				

NOTE: FIRST MINING INDICATES NO PILLAR REMOVAL