

SUBSIDENCE PERMIT BOUNDARY INDEX FOR 100' MAPS

HELVETIA COAL COMPANY
LUCERNE NO.6 MINE
PERMIT NO. **32841303**
UPPER FREEPORT (E SEAM)
BLACKLICK & CENTER TOWNSHIPS
INDIANA COUNTY, PENNSYLVANIA

FINAL
POSTING DATE 5/21 1990

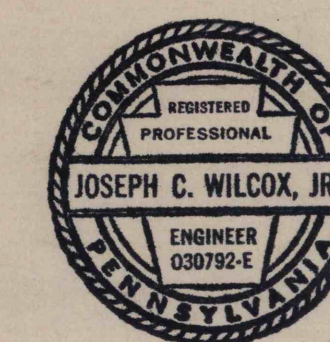
SEAL —

SIGNATURE Joseph C. Wilcox, Jr.

PREPARED BY _____

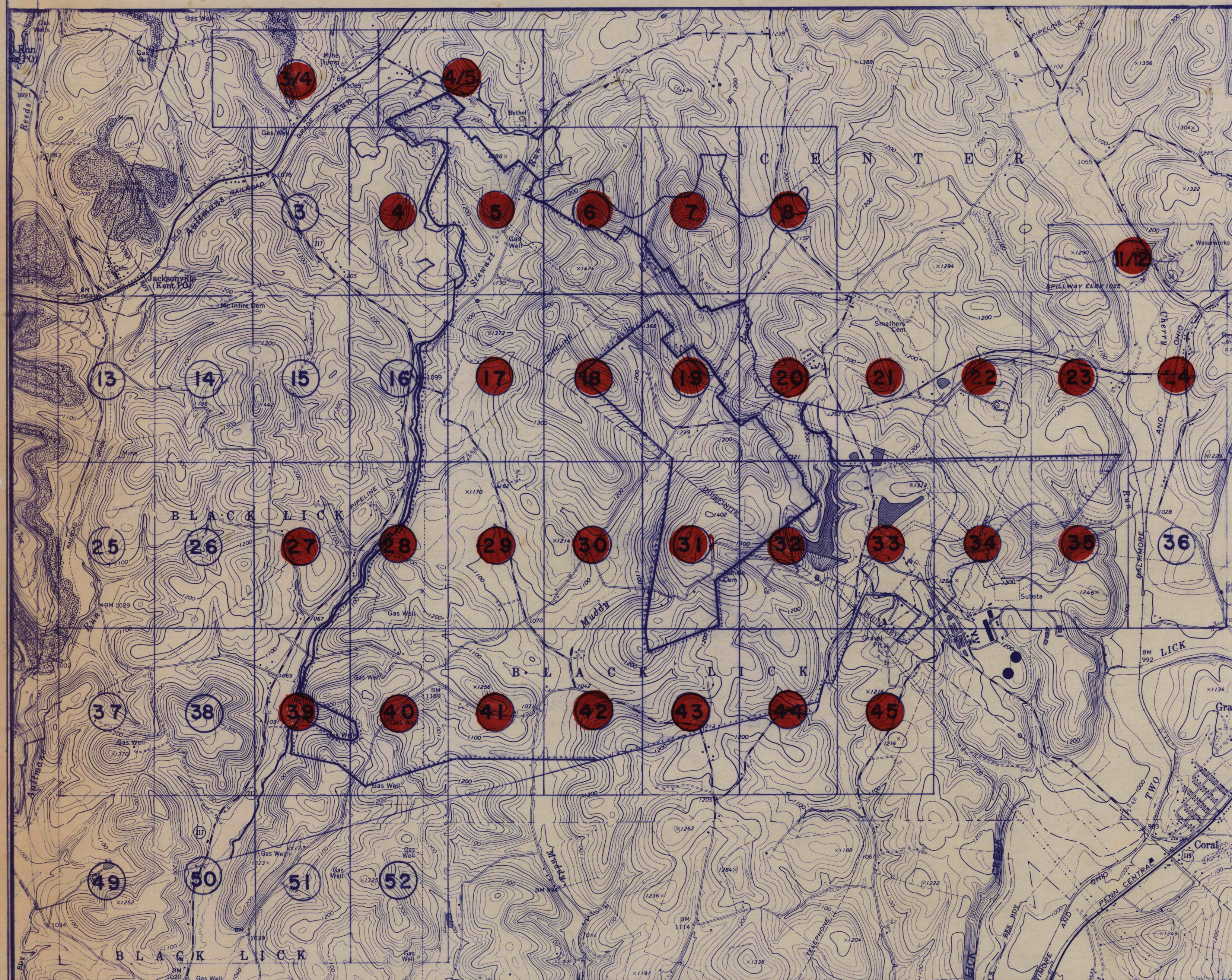
MAPS DEPICT CONTEMPLATED MINING
FROM _____, 19____
TO _____, 19____

NO MINING CONTEMPLATED



RECEIVED
OCT 23 1990

Dept. of Environmental Resources
McMurray District Office



SCALE 1"=2000'

MCINTYRE, INDIANA, BLAIRSVILLE & BOLIVAR

7-1/2' U.S.G.S. QUADRANGLES

● = MAPS SUBMITTED
○ = BOREHOLES TO REMAIN OPEN FOR MONITORING,
DEWATERING, AND SLUDGE DISPOSAL

LEGEND FOR MAP SYMBOLS

(A) ACTIVE GAS WELL	T646 TOWNSHIP ROAD	MINING COMPLETED
(I) 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	MAXIMUM ENTRY WIDTH - 20 feet MAXIMUM CROSS CUT WIDTH - 20 feet ALL MINING WITHIN 50% MINING AREA IS DONE ON CENTER LINE OF PROJECTIONS
FLOW MEASUREMENT POINT	RAILROAD TRACKS	ANY MINING THAT FALLS WITHIN OR PARTIALLY WITHIN A 50% MINING AREA SHALL BE LEFT TOTALLY INTACT.
— STREAM - PERENNIAL	HORIZONTAL OR VERTICAL CONTROL, SURVEY STATIONS	
--- 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	
1050 COAL CONTOUR LINE	NONPROTECTED STRUCTURE	
--- NO COAL ZONE	DWELLING - BUILT AFTER APRIL 1966	
--- CROPLINE	CHURCH	
100' COVER	CEMETERY	
6 MONTH SUBSIDENCE LINE (CONTEMPLATED MINING & DATE)	AIR SHAFT (DOUBLE COMPARTMENT)	
PERMIT BOUNDARY	PILLARED	
5 YEAR SUBSIDENCE LINE	OUTLINE OF PILLARED AREA UPPER OR LOWER SEAM	
LR 32014 STATE ROAD		
--- UNIMPROVED ROAD		

ALL COAL IS OWNED BY ROCHESTER & COAL CO., UNLESS OTHERWISE DESIGNATED ON THE MAPS, AND LEASED TO HELVETIA COAL CO.

NOTE: FIRST MINING INDICATES NO PILLAR REMOVAL